

Docket No. 20190007-EI
Comprehensive Exhibit List for Entry into Hearing Record
November 5, 2019

Hearing I.D. #	Witness	I.D. # As Filed	Exhibit Description	Issue Nos.	Entered
1		Exhibit List	Comprehensive Exhibit List		<input checked="" type="checkbox"/>
FLORIDA POWER & LIGHT COMPANY (FPL) – (DIRECT)					
2	Michael W. Sole	MWS-1	FPL Supplemental CAIR/MATS/CAVR Filing.	1, 2, 3	Stipulated
3	Renae B. Deaton	RBD-1	Environmental Cost Recovery Final True-Up January 2018 – December 2018 Commission Forms 42-1A through 42-9A.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Stipulated
4	Renae B. Deaton	RBD-2	Environmental Cost Recovery Actual/Estimated True-Up January 2019 – December 2019 Commission Forms 42-1E through 42-9E.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Stipulated
5	Renae B. Deaton	RBD-3	Revised Environmental Cost Recovery Capital Schedules for Actual/Estimated True-Up January 2019 – December 2019.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Stipulated
6	Renae B. Deaton	RBD-4	Appendix I – Environmental Cost Recovery Projections – January 2020 – December 2020 Commission Forms 42-1P through 42-8P. Appendix II – Calculation of Stratified Separation Factors.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10	Stipulated
DUKE ENERGY FLORIDA, INC. (DEF) – (DIRECT)					
7	Christopher Menendez	CAM-1	Forms 42-1A – 42-9A January 2018 – December 2018.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	Stipulated

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8	Christopher Menendez	CAM-2	Capital Program Detail January 2018 – December 2018.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	Stipulated
9	Christopher Menendez	CAM-3	Forms 42-1E – 42-9E January 2019 – December 2019.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	Stipulated
10	Christopher Menendez	CAM-4	Capital Program Detail January 2019 – December 2019.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	Stipulated
11	Christopher Menendez	CAM-5	Forms 42-1P – 42-8P January 2020 – December 2020.	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13	Stipulated
12	Christopher Menendez	CAM-6	Capital Program Detail January 2020 – December 2020.	1, 2, 3, 11, 12, 13	Stipulated
13	Timothy Hill	CAM-5 TH	Form 42-5P, page 23 of 23.	1, 2, 3, 11,	Stipulated
14	Jeffrey Swartz	JS-1	Crystal River Clean Air Projects Organizational Chart.	1, 2, 3	Stipulated
15	Jeffrey Swartz	CAM-5 JS	Form 42-5P, pages 7, 21 and 22 of 23.	1, 2, 3	Stipulated
16	Kim McDaniel	KSM-1	Review of Integrated Clean Air Compliance Plan.	1, 2, 3	Stipulated
17	Kim McDaniel	CAM-5 KM	Form 42-5P, pages 1-4 and 6-20 of 23.	1, 2, 3	Stipulated
TAMPA ELECTRIC COMPANY (TECO) – (DIRECT)					
18	Penelope A. Rusk ¹	PAR-1	Final Environmental Cost Recovery Commission Forms 42-1A through 42-9A for the period January 2018 Through December 2018.	1, 2, 3, 4, 5, 6, 7, 8, 9, 17	Stipulated
19	Penelope A. Rusk	PAR-2	Environmental Cost Recovery Commission Forms 42-1E through 42-9E for the period January 2019 Through December 2019.	1, 2, 3, 4, 5, 6, 7, 8, 9, 17	Stipulated

¹ Exhibit PAR-1 of Penelope A. Rusk includes a revision filed on July 9, 2019.

20	Penelope A. Rusk	PAR-3	Environmental Cost Recovery Forms 42-1P through 42-8P forms The Period January 2020 through December 2020.	1, 2, 3, 4, 5, 6, 7, 8, 9, 17	Stipulated
GULF POWER COMPANY (GULF) – (DIRECT)					
21	C. Shane Boyett	CSB-1	Calculation of Final True-Up 1/18 – 12/18.	1	Stipulated
22	C. Shane Boyett	CSB-2	Calculation of Estimated True-Up 1/19 – 12/19.	2	Stipulated
23	C. Shane Boyett	CSB-3	Calculation of Projection 1/20 – 12/20.	3, 4, 5, 6, 7, 8, 9	Stipulated
24	C. Shane Boyett	CSB-4	Recalculation of Estimated True-Up (Revised Cost of Capital) 1/19 – 12/19.	2	Stipulated
25	Richard M. Markey ²	RMM-1	Schedule 5P – Description and Progress Report of Environmental Compliance Activities and Projects.	3	Stipulated
STAFF HEARING EXHIBITS					
26	Juan Enjamio (1-2) Michael W. Sole (2)		FPL’s response to Staff’s First Set of Interrogatories Nos. 1-2. <i>[Bates Nos. 00001-00011]</i>	1, 2, 3, 4, 5, 6, 7	
27	Michael Sole (3-8, 10-11) Rena Deaton (9)		FPL’s response to Staff’s Second Set of Interrogatories Nos. 3-11. <i>[Bates Nos. 00012-00024]</i>	1, 2, 3, 4, 5, 6, 7	
28	Rena Deaton (1)		FPL’s response to Staff’s First Request for Production of Documents No. 1. Additional files contained on Staff Hearing Exhibits CD for No. 1. <i>[Bates Nos. 00025-00026]</i>	1, 2, 3, 4, 5, 6, 7	

² Testimony of Richard M. Markey includes errata filed on August 30, 2019.

29	Renae Deaton (12)		FPL's response to Staff's Third Set of Interrogatories No. 12. Additional files contained on Staff Hearing Exhibits CD for No. 12. <i>[Bates Nos. 00027-00028]</i>	1, 2, 3, 4, 5, 6, 7	
30	Juan Enjamio (4, 14-15) Charles Rote (1-3, 5-8, 10-13) Gerry Yupp (9)		FPL's response to OPC's First Set of Interrogatories Nos. 1-15. Additional files contained on Staff Hearing Exhibits CD for No. 14. <i>[Bates Nos. 00029-00047]</i>	1, 2, 3, 4, 5, 6, 7	
31	Michael W. Sole (13a-c), (14a, c) Renae Deaton (14b)		FPL's response to Staff's Fourth Set of Interrogatories Nos. 13-14. <i>[Bates Nos. 00048-00052]</i>	1, 2, 3, 4, 5, 6, 7	
32	Renae Deaton (15-16)		FPL's response to Staff's Fifth Set of Interrogatories Nos. 15-16. <i>[Bates Nos. 00053-00056]</i>	1, 2, 3, 4, 5, 6, 7	
33	Benjamin Borsch (1)		DEF's response to Staff's First Set of Interrogatories No. 1. <i>[Bates Nos. 00057-00062]</i>	1, 2, 3, 4, 5, 6, 7	
34	Jeffery Swartz (2-4, 10) Kimberly McDaniel (5-8, 10) Tim Hill (9-10)		DEF's response to Staff's Second Set of Interrogatories Nos. 2-10. <i>[Bates Nos. 00063-00071]</i>	1, 2, 3, 4, 5, 6, 7	
35	Tim Hill (11-12)		DEF's response to Staff's Third Set of Interrogatories Nos. 11-12. <i>[Bates Nos. 00072-00074]</i>	11, 12, 13	
36			DEF's response to Staff's First Request for Production of Documents No. 1. <i>[Bates Nos. 00075-00156]</i>	11, 12, 13	

37	Kimberly McDaniel (13) Jeffery Swartz (14, 18) Christopher Menendez (15-17)		DEF's response to Staff's Fourth Set of Interrogatories Nos. 13-18. <i>[Bates Nos. 00157-00164]</i>	1, 2, 3, 4, 5, 6, 7	
38	Tim Hill (19) Christopher Menendez (20-21)		DEF's response to Staff's Fifth Set of Interrogatories Nos. 19-21. <i>[Bates Nos. 00165-00168]</i>	1, 2, 3, 4, 5, 6, 7	
39			DEF's response to Staff's Second Request for Production of Documents Nos. 2-3. <i>[Bates Nos. 00169-00218]</i>	1, 2, 3, 4, 5, 6, 7	
40			DEF's Letter Advising the Commission of New Environmental Project dated July 3, 2019. (Document No. 05320-2019) <i>[Bates Nos. 00219-00222]</i>	11, 12	
41	Penelope Rusk (1)		TECO's response to Staff's First Set of Interrogatories No. 1. <i>[Bates Nos. 00223-00236]</i>	1, 2, 3, 4, 5, 6, 7	
42	Penelope Rusk (2)		TECO's response to Staff's Second Set of Interrogatories No. 2. <i>[Bates Nos. 00237-00244]</i>	1, 2, 3, 4, 5, 6, 7	
43	Penelope Rusk (3-7)		TECO's response to Staff's Third Set of Interrogatories Nos. 3-7. Additional files contained on Staff Hearing Exhibits CD for No. 7. <i>[Bates Nos. 00245-00256]</i>	1, 2, 3, 4, 5, 6, 7	
44	Penelope Rusk (8-10)		TECO's response to Staff's Fourth Set of Interrogatories Nos. 8-10. <i>[Bates Nos. 00257-00263]</i>	1, 2, 3, 4, 5, 6, 7	

45	Paul Carpinone (11-12) Penelope Rusk (13-15)		TECO's response to Staff's Fifth Set of Interrogatories Nos. 11-15. <i>[Bates Nos. 00264-00273]</i>	1, 2, 3, 4, 5, 6, 7	
46	Shane Boyett (1-2) Richard Markey (3-9)		Gulf's response to Staff's First Set of Interrogatories Nos. 1-9. <i>[Bates Nos. 00274-00288]</i>	1, 2, 3, 4, 5, 6, 7	
47	Richard Markey (1-4)		Gulf's response to OPC's First Set of Interrogatories Nos. 1-4. Additional files contained on Staff Hearing Exhibits CD for Nos. 1-4. <i>[Bates Nos. 00289-00294]</i>	14, 15	
48	Richard Markey (1-4)		Gulf's response to OPC's First Request for Production of Documents Nos. 1-4. Additional files contained on Staff Hearing Exhibits CD for Nos. 1-4. <i>[Bates Nos. 00295-00300]</i>	14, 15	
49	Richard Markey (10-11) Shane Boyett (12)		Gulf's response to Staff's Second Set of Interrogatories Nos. 10-12. <i>[Bates Nos. 00301-00308]</i>	1, 2, 3, 4, 5, 6, 7	
50	Richard Markey (13-15) Shane Boyett (16-17)		Gulf's response to Staff's Third Set of Interrogatories Nos. 13-17. <i>[Bates Nos. 00309-00319]</i>	1, 2, 3, 4, 5, 6, 7	
51	Shane Boyett (1) Richard Markey (2-3)		Gulf's response to Staff's First Request for Production of Documents Nos. 1-3. Additional files contained on Staff Hearing Exhibits CD for Nos. 1-3. <i>[Bates Nos. 00320-00325]</i>	1, 2, 3, 4, 5, 6, 7	

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52	Shane Boyett (5-8) Richard Markey (9-10)		Gulf's response to OPC's Second Set of Interrogatories Nos. 5-10. <i>[Bates Nos. 00326-00334]</i>	14	
53	Shane Boyett (5-8) Richard Markey (9-10)		Gulf's response to OPC's Second Request for Production of Documents Nos. 5-10. <i>[Bates Nos. 00335-00343]</i>	14	
54	Shane Boyett Richard Markey		Gulf's Petition for Approval of Environmental Cost Recovery True-up and 2020 Environmental Cost Recovery Clause Factors dated August 30, 2019. (Document No. 08542-2019) <i>[Bates Nos. 00344-00490]</i>	15, 16	

FLORIDA POWER & LIGHT COMPANY
DOCKET NO. 20190007-EI
ENVIRONMENTAL COST RECOVERY CLAUSE
FPL SUPPLEMENTAL CAIR/MATS/CAVR FILING
APRIL 1, 2019

The discussion below provides FPL's current estimates of project activities and associated costs related to its Clean Air Interstate Rule ("CAIR") now the Cross State Air Pollution Rule ("CSAPR"), Mercury and Air Toxics Standards ("MATS"), which was formerly the Clean Air Mercury Rule ("CAMR") and Clean Air Visibility Rule ("CAVR")/ Best Available Retrofit Technology ("BART") projects.

CAIR Compliance Project Update:

Status of CAIR (now CSAPR) Rule Revision - On November 16, 2015 the EPA proposed the CSAPR Update Rule ("Update Rule") to address interstate transport of air pollution under the 2008 Ozone National Ambient Air Quality Standards ("NAAQS"). The proposed rule significantly reduces ozone season NOx budgets for many states using revised air quality data and updates to unit emission rates following installation of controls. In its final Update Rule, the EPA removed Florida from the cap-and-trade program as emissions from utility units are now below the significance threshold in downwind ozone nonattainment areas. Several states have challenged the EPA rule and litigation is ongoing in the D.C. Circuit on the Update Rule. FPL will continue working with the EPA to ensure that Florida and FPL are treated fairly in any proposed changes to CSAPR. Operation of controls installed under the CSAPR project that are required for compliance with other federal and state rules (e.g., Georgia Multi-Pollutant Rule) are ongoing as needed. Operations and maintenance of equipment associated with CSAPR are still required for installed equipment on operating

units. Therefore, FPL continues to incur associated project costs, as described below.

St. Johns River Power Park (“SJRPP”) Selective Catalytic Reduction Systems (“SCR”) and Ammonia Injection Systems - The construction and installation of SCR and Ammonia Injection Systems at SJRPP were accomplished in 2009 with the controls on units 1 & 2 being placed into service in 2010. FPL’s ownership share of the total CSAPR installation of the SCR and Ammonia Injection System through 2017 was \$55.02 million in capital and \$1.57 in O&M. In January 2018 both SJRPP units were retired from service. Demolition activities have commenced, and are expected to be completed in the spring of 2020. Therefore, there will be no further expenditures on this activity.

Scherer SCR and Wet Flue Gas Desulfurization (“FGD”) - The total capital cost for FPL’s share of the construction and installation of the FGD (scrubber) and SCR with Ammonia Injection System on Scherer Unit 4 through 2018 is \$363.22 million. FPL estimates its share of the Scherer Unit 4 CSAPR capital costs for projects planned in 2019 to be \$1.07 million for replacement of the SCR.

For 2019, FPL has estimated its share of O&M expenses for operation of the SCR, FGD, and common plant facilities supporting the controls needed to comply with CSAPR will be \$3.70 million. The O&M activities for the SCR include incremental operating staff, ammonia consumption, maintenance of the SCR ammonia injection skid and SCR auxiliary equipment. O&M activities for the FGD include limestone consumption, limestone and by-product (gypsum) handling operation, FGD operations, FGD tower and auxiliary equipment maintenance.

800 MW Unit Cycling Project - The 800 MW cycling project was implemented to allow FPL the ability to cycle the 800 MW units off-line when not needed to supply energy to meet system demand. The ability to cycle the units off-line allowed FPL to reduce NOx emissions and meet rule requirements for annual NOx emission allowance needs. FPL completed construction work associated with this project in 2011. Total capital costs for the 800 MW unit cycling project at Martin and Manatee plants through 2018 were \$94.72 million and the total O&M expenses were \$8.12 million. Projected 2019 O&M expenses are \$0.13 million for treatment of condenser tube fouling and maintenance of associated equipment at the Manatee 800 MW units. On December 31, 2018, FPL retired the Martin plant 800 MW units.

Continuous Emissions Monitoring System (“CEMS”) Plan for Gas Turbines (“GT”) - In December 2016, FPL completed the construction of peaking combustion turbines at the Lauderdale and Fort Myers plants, which replaced the generating capacity of the gas turbine peaking units at those plants. The 12 peaking gas turbines at Port Everglades have been decommissioned along with 22 gas turbines at Lauderdale and 10 gas turbines at Fort Myers plants. The remaining units are not subject to acid rain monitoring requirements or CSAPR monitoring requirements. Accordingly, CEMS use has been discontinued. O&M expenses for the CEMS on the GTs were \$0.46 million. There are no future projected capital or operating costs for the GT CEMS associated with this project.

Purchases of Allowances - To comply with the CSAPR and Acid Rain program requirements, FPL must evaluate whether it holds sufficient allowances for compliance or needs to purchase additional allowances. FPL has determined that it holds sufficient Acid Rain SO2 allowances in perpetuity for all of its fossil generating units. To a very limited extent, FPL has been able to occasionally find a buyer for some of its excess allowances and has sold an immaterial

amount of SO₂ Acid Rain allowances. Currently FPL's Plant Scherer Unit 4 is an affected unit under the CSAPR Rule for Georgia. FPL has determined that it has sufficient excess allowances to meet its annual compliance surrender obligations.

Actual CAIR/CSAPR capital costs through 2018 were \$512.96 million.

CAIR/CSAPR CAPITAL COST (\$Millions)		
Project	Total Project	2019 Projections
SJRPP-SCR/Ammonia Injection System	\$55.02	\$0.00
Scherer-SCR/FGD	\$363.22	\$1.07
800 MW Unit Cycling – Martin	\$58.56	\$0.00
800 MW Unit Cycling – Manatee	\$36.16	\$0.00

Actual CAIR/CSAPR O&M expenses through 2018 are \$33.52 million.

CAIR/CSAPR O&M EXPENSE (\$Millions)		
Project	Total Project	2019 Projections
SJRPP-SCR/Ammonia Injection System	\$1.57	\$0.00
Scherer-SCR/FGD	\$27.56	\$3.70
800 MW Unit Cycling – Martin	\$4.44	\$0.00

800 MW Unit Cycling – Manatee	\$3.69	\$0.13
CEMS at GTs	\$0.46	\$0.00

Mercury Air Toxics Standards (“MATS”) Compliance Project Update (formerly CAMR):

FPL is complying with the Mercury (“Hg”) reduction requirements of the Georgia Multipollutant Rule and the EPA’s MATS rule by implementing the following projects identified previously under the CAMR project:

1. Installation of Fabric Filter Baghouse and Mercury Sorbent Injection System on Scherer Unit 4 (completed 2010).
2. Installation of HgCEMS on Scherer Unit 4 (completed 2009).
3. Installation of HgCEMS on SJRPP Units 1 and 2 (completed in 2008).

FPL’s share of capital costs associated with the Mercury Sorbent Injection System, baghouse and Mercury CEMS on Scherer Unit 4 through 2018 is \$116.09 million. For 2019, FPL’s share of capital costs for the projects at Scherer Unit 4 is estimated to be \$0.27 million as capital replacement of components and controls. For FPL’s co-owned units at SJRPP, the retirement of Units 1 and 2 removed all MATS emission reporting requirements beginning January 2018 and projected costs are \$0. For 2019, projected MATS O&M expenses for Plant Scherer are \$2.70 million, primarily for purchase and disposal of sorbents and replacement of bags as well as operation and maintenance of the Hg monitors.

In EPA’s December 21, 2011 final MATS rule, oil-fired electric steam generating units were required to meet specific emission standards during oil combustion and demonstrate compliance through quarterly testing or continuous particulate emission monitoring systems. The rule’s emission limits for oil operation had the effect of requiring electrostatic precipitators (“ESPs”) for FPL’s 800 MW oil-fired units. Construction of the ESPs was completed in 2014 with total capital costs for construction of the ESPs through 2018 at \$209.82 million. Total O&M costs through 2018 are \$3.14 million. As discussed earlier FPL’s retirement of the Martin plant 800 MW units also removes the MATS compliance requirements and O&M costs for those units. For 2019, FPL is projecting \$0 in capital costs for replacement of ESP components and \$0 of O&M expenses of the 800 MW ESP project.

Actual MATS capital costs through 2018 are \$325.90 million.

MATS CAPITAL COSTS (\$Millions)		
Project	Total Project	2019 Projections
Scherer-Sorbent Injection/Baghouse/ HgCEMS	\$116.09	\$0.04
800 MW ESP PMR/PMT	\$209.82	\$0.00

*FPL’s share of the project costs

Actual MATS O&M expenses through 2018 are \$21.20 million.

MATS O&M EXPENSE (\$Millions)		
Project	Total Project	2019 Projections
SJRPP-Mercury CEMS	\$0.33	\$0.00
Scherer-Sorbent Injection/Baghouse/ HgCEMS	\$17.73	\$2.70
800 MW ESP PMR/PMT	\$3.14	\$0.00

CAVR / BART Project Update:

EPA's promulgation of the Clean Air Visibility Rule (CAVR) to address regional haze required affected sources to reduce visibility impacts to many of the U.S. National Parks and Monuments. FPL's retirement of Turkey Point Units 1 and 2, retirement of both combined cycle units at the Putnam plant and installation of ESPs on the 800 MW units resulted in the Florida DEP finding that FPL had complied with the requirements of EPA's Regional Haze requirements. Actual CAVR capital costs through 2018 are \$0. Actual CAVR O&M expenses through 2018 are \$0.06 million. FPL is projecting \$0 of CAVR compliance costs for 2019 and does not anticipate any future compliance costs at this time.

CAVR/BART O&M EXPENSE (\$Millions)		
Project	Total Project	2019 Projections
Reasonable Progress Control Technology Determination	\$0.06	\$0.00

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018

FORM 42-1A

	2018
1. Over/(Under) Recovery for the Current Period (Form 42-2A, Line 5)	\$15,281,286
2. Interest Provision (Form 42-2A, Line 6)	\$1,295,885
3. Total	<u>\$16,577,171</u>
4. Actual/Estimated Over/(Under) Recovery for the Same Period ^(a)	(\$6,713,285)
5. Interest Provision	\$1,098,865
6. Total	<u>(\$5,614,420)</u>
7. Net True-Up for the period Over/(Under)	<u><u>\$22,191,591</u></u>

^(a) Approved in Order No. PSC-2018-0594-FOF-EI issued on December 20, 2018 ☐

Note: Totals may not add due to rounding

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 3
PARTY: FLORIDA POWER & LIGHT
COMPANY (FPL) – (DIRECT)
DESCRIPTION: Renae B. Deaton RBD-1

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-2A

JANUARY 2018 THROUGH DECEMBER 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Jan - 2018	Feb - 2018	Mar - 2018	Apr - 2018	May - 2018	Jun - 2018	Jul - 2018	Aug - 2018	Sep - 2018	Oct - 2018	Nov - 2018	Dec - 2018	Total
1. ECRC Revenues (net of Revenue Taxes)	\$12,072,440	\$11,179,087	\$11,069,185	\$11,616,141	\$12,931,992	\$14,029,118	\$12,104,994	\$12,518,931	\$11,827,003	\$11,957,068	\$10,342,163	\$8,998,429	\$140,646,550
2. True-up Provision	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$4,389,174	\$52,670,082
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	\$16,461,613	\$15,568,260	\$15,458,359	\$16,005,315	\$17,321,166	\$18,418,292	\$16,494,167	\$16,908,105	\$16,216,176	\$16,346,241	\$14,731,336	\$13,387,603	\$193,316,632
4. Jurisdictional ECRC Costs													
a. O&M Activities (Form 42-5A - 2, Line 9)	\$2,578,339	\$2,614,067	\$3,001,947	\$2,800,321	\$2,970,802	\$1,280,048	\$2,702,643	\$2,589,241	\$2,457,639	\$2,442,359	\$2,845,456	\$3,461,932	\$31,744,795
b. Capital Investment Projects (Form 42-7A, Line 8)	\$12,253,628	\$12,235,249	\$12,232,418	\$12,235,253	\$12,264,930	\$12,304,042	\$12,153,030	\$12,169,335	\$12,201,110	\$12,218,478	\$12,213,886	\$11,809,194	\$146,290,552
c. Total Jurisdictional ECRC Costs	\$14,831,967	\$14,849,316	\$15,234,365	\$15,035,574	\$15,235,732	\$13,584,090	\$14,855,673	\$14,758,576	\$14,658,749	\$14,660,837	\$15,059,342	\$15,271,126	\$178,035,347
5. Over/(Under) Recovery (Line 3 - Line 4c)	\$1,629,646	\$718,944	\$223,993	\$969,741	\$2,085,433	\$4,834,202	\$1,638,494	\$2,149,529	\$1,557,428	\$1,685,405	(\$328,006)	(\$1,883,523)	\$15,281,286
6. Interest Provision (Form 42-3A, Line 10)	\$104,944	\$102,334	\$110,091	\$111,675	\$107,425	\$109,874	\$111,586	\$107,653	\$109,667	\$112,296	\$107,700	\$100,640	\$1,295,885
7. Prior Periods True-Up to be (Collected)/Refunded	\$52,670,082	\$50,015,498	\$46,447,602	\$42,392,513	\$39,084,756	\$36,888,440	\$37,443,342	\$34,804,249	\$32,672,258	\$29,950,179	\$27,358,706	\$22,749,227	\$52,670,082
a. Deferred True-Up (Form 42-1A, Line 7) ^(a)	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	\$31,560,081	
8. True-Up Collected/(Refunded) (See Line 2)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$4,389,174)	(\$52,670,082)
9. End of Period True-Up (Lines 5+6+7+8)	\$81,575,579	\$78,007,683	\$73,952,594	\$70,644,837	\$68,448,521	\$69,003,423	\$66,364,330	\$64,232,339	\$61,510,260	\$58,918,787	\$54,309,308	\$48,137,252	\$16,577,171
10. Adjustments to Period Total True-Up Including Interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11. End of Period Total Net True-Up (Lines 9+10)	\$81,575,579	\$78,007,683	\$73,952,594	\$70,644,837	\$68,448,521	\$69,003,423	\$66,364,330	\$64,232,339	\$61,510,260	\$58,918,787	\$54,309,308	\$48,137,252	\$16,577,171

^(a) From FPL's 2017 Revised Final True-up filed on July 25, 2018
and approved by the PSC in decision PSC-2018-0594-FOF-EI.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-3A

JANUARY 2018 THROUGH DECEMBER 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	Jan - 2018	Feb - 2018	Mar - 2018	Apr - 2018	May - 2018	Jun - 2018	Jul - 2018	Aug - 2018	Sep - 2018	Oct - 2018	Nov - 2018	Dec - 2018	Total
1. Beginning True-Up Amount (Form 42-2A, Lines 7 + 7a + 10)	\$84,230,163	\$81,575,579	\$78,007,683	\$73,952,594	\$70,644,837	\$68,448,521	\$69,003,423	\$66,364,330	\$64,232,339	\$61,510,260	\$58,918,787	\$54,309,308	N/A
2. Ending True-Up Amount before Interest (Line 1 + Form 42-2A, Lines 5 + 8)	\$81,470,635	\$77,905,350	\$73,842,503	\$70,533,161	\$68,341,097	\$68,893,550	\$66,252,744	\$64,124,686	\$61,400,593	\$58,806,492	\$54,201,608	\$48,036,612	N/A
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	\$165,700,798	\$159,480,929	\$151,850,186	\$144,485,756	\$138,985,934	\$137,342,071	\$135,256,167	\$130,489,016	\$125,632,932	\$120,316,752	\$113,120,395	\$102,345,920	N/A
4. Average True-Up Amount (Line 3 x 1/2)	\$82,850,399	\$79,740,464	\$75,925,093	\$72,242,878	\$69,492,967	\$68,671,035	\$67,628,083	\$65,244,508	\$62,816,466	\$60,158,376	\$56,560,198	\$51,172,960	N/A
5. Interest Rate (First Day of Reporting Month)	1.58000%	1.46000%	1.62000%	1.86000%	1.85000%	1.86000%	1.98000%	1.98000%	1.98000%	2.21000%	2.27000%	2.30000%	N/A
6. Interest Rate (First Day of Subsequent Month)	1.46000%	1.62000%	1.86000%	1.85000%	1.86000%	1.98000%	1.98000%	1.98000%	2.21000%	2.27000%	2.30000%	2.42000%	N/A
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	3.04000%	3.08000%	3.48000%	3.71000%	3.71000%	3.84000%	3.96000%	3.96000%	4.19000%	4.48000%	4.57000%	4.72000%	N/A
8. Average Interest Rate (Line 7 x 1/2)	1.52000%	1.54000%	1.74000%	1.85500%	1.85500%	1.92000%	1.98000%	1.98000%	2.09500%	2.24000%	2.28500%	2.36000%	N/A
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.12667%	0.12833%	0.14500%	0.15458%	0.15458%	0.16000%	0.16500%	0.16500%	0.17458%	0.18667%	0.19042%	0.19667%	N/A
10. Interest Provision for the Month (Line 4 x Line 9)	\$104,944	\$102,334	\$110,091	\$111,675	\$107,425	\$109,874	\$111,586	\$107,653	\$109,667	\$112,296	\$107,700	\$100,640	\$1,295,885

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-4A

JANUARY 2018 THROUGH DECEMBER 2018
VARIANCE REPORT OF O&M ACTIVITIES

(1)	(2)	(3)	(4)	(5)
O&M Projects	ECRC - 2018 Final True-Up ^(a)	ECRC - 2018 Actual/Estimated ^(b)	Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(c)	% Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(d)
1 - Air Operating Permit Fees	\$378,722	\$287,797	\$90,925	31.6%
3a - Continuous Emission Monitoring Systems	\$334,885	\$337,938	(\$3,053)	(0.9%)
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	\$242,985	\$699,377	(\$456,392)	(65.3%)
8a - Oil Spill Clean-up/Response Equipment	\$278,655	\$273,045	\$5,610	2.1%
NA-Amortization of Gains on Sales of Emissions Allowances	(\$345)	(\$339)	(\$6)	1.8%
14 - NPDES Permit Fees	\$69,200	\$69,200	\$0	0.0%
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	\$2,917,909	\$2,619,748	\$298,161	11.4%
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	\$1,477,874	\$1,066,231	\$411,643	38.6%
21 - St. Lucie Turtle Nets	\$204,824	\$103,420	\$101,404	98.1%
22 - Pipeline Integrity Management	(\$36,374)	\$80,476	(\$116,850)	(145.2%)
23 - SPCC - Spill Prevention, Control & Countermeasures	\$782,316	\$890,752	(\$108,435)	(12.2%)
24 - Manatee Reburn	\$84,687	\$116,892	(\$32,205)	(27.6%)
27 - Lowest Quality Water Source	\$135,375	\$142,896	(\$7,520)	(5.3%)
28 - CWA 316(b) Phase II Rule	\$1,320,062	\$1,441,646	(\$121,584)	(8.4%)
29 - SCR Consumables	\$612,248	\$532,480	\$79,768	15.0%
31 - Clean Air Interstate Rule (CAIR) Compliance	\$4,793,609	\$4,797,154	(\$3,545)	(0.1%)
33 - MATS Project	\$1,526,983	\$2,395,698	(\$868,714)	(36.3%)
35 - Martin Plant Drinking Water System Compliance	\$35,372	\$36,715	(\$1,343)	(3.7%)
37 - DeSoto Next Generation Solar Energy Center	\$639,323	\$575,861	\$63,461	11.0%
38 - Space Coast Next Generation Solar Energy Center	\$298,832	\$391,873	(\$93,042)	(23.7%)
39 - Martin Next Generation Solar Energy Center	\$4,583,474	\$4,325,647	\$257,828	6.0%
41 - Manatee Temporary Heating System	\$636,738	\$663,434	(\$26,697)	(4.0%)
42 - Turkey Point Cooling Canal Monitoring Plan	\$10,488,164	\$28,268,375	(\$17,780,211)	(62.9%)
45 - 800 MW Unit ESP	\$837,306	\$752,395	\$84,911	11.3%
47 - NPDES Permit Renewal Requirements	\$322,826	\$487,554	(\$164,728)	(33.8%)
48 - Industrial Boiler MACT	\$12,952	\$17,000	(\$4,048)	(23.8%)
50 - Steam Electric Effluent Guidelines Revised Rules	\$195,356	\$295,500	(\$100,144)	(33.9%)
51 - Gopher Tortoise Relocations	\$12,289	\$24,649	(\$12,360)	(50.1%)
54 - Coal Combustion Residuals	\$0	\$0	\$0	N/A
55 - Solar Site Avian Monitoring and Reporting	\$70,228	\$69,777	\$451	0.6%
Total	\$33,256,473	\$51,763,189	(\$18,506,716)	(35.8%)

^(a) The 12-Month Totals on Form 42-5A

^(b) The approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-4A

JANUARY 2018 THROUGH DECEMBER 2018

VARIANCE REPORT OF O&M ACTIVITIES

(1)	(2)	(3)	(4)	(5)
	ECRC - 2018 Final True-Up ^(a)	ECRC - 2018 Actual/Estimated ^(b)	Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(c)	% Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(d)
2. Total of O&M Activities	\$33,256,473	\$51,763,189	(\$18,506,716)	(35.8%)
3. Recoverable Costs Allocated to Energy	\$20,041,878	\$38,424,867	(\$18,382,989)	(47.8%)
4a. Recoverable Costs Allocated to CP Demand	\$10,296,686	\$10,718,574	(\$421,888)	(3.9%)
4b. Recoverable Costs Allocated to GCP Demand	\$2,917,909	\$2,619,748	\$298,161	11.4%
7. Jurisdictional Energy Recoverable Costs	\$19,155,216	\$36,764,141	(\$17,608,925)	(47.9%)
8a. Jurisdictional CP Demand Recoverable Costs	\$9,671,670	\$10,098,559	(\$426,889)	(4.2%)
8b. Jurisdictional GCP Demand Recoverable Costs	\$2,917,909	\$2,619,748	\$298,161	11.4%
9. Total Jurisdictional Recoverable Costs for O&M Activities	<u>\$31,744,795</u>	<u>\$49,482,448</u>	<u>(\$17,737,653)</u>	<u>(35.8%)</u>

^(a) The 12-Month Totals on Form 42-5A

^(b) The approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-5A

JANUARY 2018 THROUGH DECEMBER 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
O&M Projects	Strata	Jan - 2018	Feb - 2018	Mar - 2018	Apr - 2018	May - 2018	Jun - 2018	Jul - 2018	Aug - 2018	Sep - 2018	Oct - 2018	Nov - 2018	Dec - 2018	TOTAL
1 - Air Operating Permit Fees	Base	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$133,620
1 - Air Operating Permit Fees	Intermediate	\$6,652	\$8,183	\$22,674	\$8,039	\$8,039	\$9,459	\$9,459	\$9,459	\$31,189	\$10,557	\$13,297	\$20,000	\$157,007
1 - Air Operating Permit Fees	Peaking	\$3,853	\$4,564	(\$6,561)	\$4,564	\$4,564	\$8,039	\$8,039	\$8,039	\$9,667	\$9,667	\$16,829	\$16,829	\$88,095
3a - Continuous Emission Monitoring Systems	Intermediate	\$24,019	\$8,074	\$43,465	\$7,164	\$17,484	\$1,886	\$34,298	\$24,863	\$20,820	\$34,250	\$35,857	\$13,611	\$265,794
3a - Continuous Emission Monitoring Systems	Peaking	\$5,192	\$2,743	\$5,655	\$1,809	\$24,603	\$398	\$14,213	\$9,656	\$4,084	(\$7,111)	\$7,408	\$441	\$69,091
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,845	\$0	\$0	\$8,845
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$0	\$0	(\$1,850)	(\$27,412)	\$0	\$3,668	\$0	\$8,817	\$0	\$1,188	\$0	\$222,172	\$206,583
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$99,755	\$17,699	(\$105,919)	(\$26,029)	\$6,470	\$5,329	\$0	\$12,624	\$13,156	\$4,471	\$0	\$0	\$27,557
8a - Oil Spill Clean-up/Response Equipment	Base	\$2	(\$98)	\$0	\$53	\$0	\$93	\$16	\$0	\$6	(\$324)	\$71	\$3	(\$179)
8a - Oil Spill Clean-up/Response Equipment	Intermediate	\$1,054	\$1,644	\$994	\$4,411	\$1,409	\$3,020	\$1,461	\$5,075	\$2,995	\$2,420	\$4,073	\$2,221	\$30,775
8a - Oil Spill Clean-up/Response Equipment	Peaking	\$8,539	\$12,788	\$8,042	\$35,965	\$11,400	\$24,924	\$11,900	\$41,060	\$24,258	\$17,878	\$33,324	\$17,981	\$248,059
14 - NPDES Permit Fees	Base	\$11,500	\$0	\$2,560	(\$2,560)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,500
14 - NPDES Permit Fees	Intermediate	\$28,260	\$0	\$13,500	(\$13,500)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,260
14 - NPDES Permit Fees	Peaking	\$29,440	\$0	\$0	\$7,500	(\$7,500)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,440
17a - Disposal of Non-Containerized Liquid Waste	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
17a - Disposal of Non-Containerized Liquid Waste	Peaking	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	\$142,268	\$170,484	\$257,200	\$273,496	\$338,379	\$64,582	\$355,374	\$191,792	\$178,334	\$294,369	\$93,936	\$557,694	\$2,917,909
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	\$29,940	\$49,767	\$396,521	\$146,109	\$81,708	\$26,604	\$33,016	\$47,765	\$27,638	\$112,524	\$350,948	\$175,332	\$1,477,874
21 - St. Lucie Turtle Nets	Base	(\$6,580)	\$0	\$0	\$0	\$0	\$0	\$66,016	\$37,938	\$60,179	\$18,405	\$13,965	\$14,900	\$204,824
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$7)	(\$7)	\$6	(\$7)	(\$7)	(\$7)	(\$7)	(\$57)
NA-Amortization of Gains on Sales of Emissions Allowances	Distribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Intermediate	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$16)	(\$191)
NA-Amortization of Gains on Sales of Emissions Allowances	Peaking	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$8)	(\$97)
22 - Pipeline Integrity Management	Intermediate	\$0	\$2,115	(\$5,270)	(\$18,539)	\$0	\$0	\$0	\$0	\$0	\$6,601	\$0	\$0	(\$15,093)
22 - Pipeline Integrity Management	Peaking	\$0	\$2,983	(\$7,431)	(\$26,141)	\$0	\$0	\$0	\$0	\$0	\$9,308	\$0	\$0	(\$21,281)
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$47,588	\$45,406	\$36,825	\$39,318	\$52,503	\$26,766	\$42,863	\$50,815	\$103,155	(\$31,180)	\$68,537	\$106,887	\$589,484
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$4,684	\$4,851	\$2,521	\$1,376	\$596	\$275	\$1,513	\$14,852	\$0	\$0	\$79	\$546	\$31,292
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$4,654	\$7,050	\$3,327	\$3,100	\$5,728	\$1,138	\$158	\$0	\$0	\$0	\$101	\$0	\$25,255
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$12,388	\$11,464	\$9,847	\$10,865	\$12,936	\$6,317	\$10,605	\$12,711	\$11,032	\$15,283	\$12,869	\$9,968	\$136,286
24 - Manatee Reburn	Peaking	\$0	\$5	\$3,950	(\$38,706)	\$3,240	\$10,854	\$26,821	\$0	\$0	\$885	\$63,905	\$13,733	\$84,687
27 - Lowest Quality Water Source	Intermediate	\$11,366	\$11,098	\$12,014	\$11,777	\$10,771	\$11,246	\$11,669	\$11,651	\$11,577	\$10,764	\$10,460	\$10,982	\$135,375
28 - CWA 316(b) Phase II Rule	Base	\$12,410	\$18,038	\$16,356	\$16,120	\$4,557	\$12,334	\$20,698	\$27,441	\$19,105	\$14,550	\$4,342	\$39,319	\$205,271
28 - CWA 316(b) Phase II Rule	Intermediate	\$42,581	\$134,478	\$92,062	\$73,629	\$83,024	\$88,541	\$82,795	\$83,041	\$79,035	\$55,029	\$101,497	\$63,573	\$979,287
28 - CWA 316(b) Phase II Rule	Peaking	\$10,854	\$16,079	\$14,786	\$9,862	\$13,533	\$14,609	\$8,557	\$4,592	\$14,338	\$7,466	\$12,520	\$8,309	\$135,504
29 - SCR Consumables	Intermediate	\$20,484	\$47,106	\$19,491	\$19,543	\$19,949	\$19,895	\$17,162	\$42,860	\$37,662	\$111,983	\$109,928	\$146,184	\$612,248
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$401,481	\$332,370	\$364,911	\$607,589	\$614,702	(\$283,052)	\$369,320	\$748,318	\$411,913	\$348,729	\$273,408	\$292,303	\$4,481,993
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$16,507	\$44,679	\$25,865	\$28,231	\$25,567	\$34,920	\$16,068	\$26,408	\$26,652	\$28,232	\$14,573	\$23,915	\$311,616
33 - MATS Project	Base	\$157,019	\$119,927	\$84,969	\$46,910	\$86,816	\$39,820	\$33,261	\$207,822	\$222,009	\$169,866	\$157,063	\$201,501	\$1,526,983
35 - Martin Plant Drinking Water System Compliance	Peaking	\$0	\$7,500	\$2,553	\$5,722	\$53	\$5,000	\$903	\$53	\$8,156	\$143	\$5,236	\$53	\$35,372
37 - DeSoto Next Generation Solar Energy Center	Solar	\$35,050	\$29,342	\$42,163	\$24,586	\$29,719	\$37,899	\$53,661	\$81,435	\$83,804	\$45,936	\$94,472	\$81,256	\$639,323
38 - Space Coast Next Generation Solar Energy Center	Solar	\$26,515	\$40,327	\$18,299	\$15,600	\$57,299	\$13,610	\$13,149	\$27,106	\$20,240	\$15,057	\$18,313	\$33,318	\$298,832
39 - Martin Next Generation Solar Energy Center	Intermediate	\$428,249	\$413,861	\$291,951	\$320,185	\$325,591	\$247,866	\$389,083	\$294,582	\$372,354	\$330,668	\$508,117	\$660,968	\$4,583,474
41 - Manatee Temporary Heating System	Intermediate	\$287	\$1,944	\$35,048	\$43,774	\$14,042	\$76,560	\$142,838	\$257,455	\$12,139	\$2,201	\$9,019	\$41,432	\$636,738
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$1,018,514	\$1,000,284	\$1,389,114	\$1,209,272	\$1,146,693	\$686,165	\$949,314	\$332,720	\$686,230	\$656,703	\$874,920	\$638,236	\$10,488,164
45 - 800 MW Unit ESP	Peaking	\$33,154	\$66,540	\$47,593	\$53,336	\$26,341	\$103,972	\$51,538	\$43,635	\$38,487	\$242,834	\$40,356	\$89,520	\$837,306
47 - NPDES Permit Renewal Requirements	Base	\$0	\$0	\$0	\$39,946	\$54,374	\$19,667	\$13,651	\$24,313	\$0	\$49,574	\$0	\$88,624	\$290,150
47 - NPDES Permit Renewal Requirements	Intermediate	\$472	\$0	\$8,043	(\$1,310)	\$0	\$4,475	\$447	\$0	\$472	\$8,063	\$2,425	\$0	\$23,087
47 - NPDES Permit Renewal Requirements	Peaking	\$601	\$0	\$3,087	(\$874)	\$0	\$3,087	\$0	\$0	\$601	\$0	\$3,087	\$0	\$9,589
48 - Industrial Boiler MACT	Base	\$557	\$86	\$0	\$0	\$412	\$0	\$0	\$0	\$0	\$1,018	\$0	\$0	\$2,072
48 - Industrial Boiler MACT	Peaking	\$2,924	\$451	\$0	\$0	\$2,162	\$0	\$0	\$0	\$0	\$5,343	\$0	\$0	\$10,880
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$15,318	\$92,029	\$328	\$3,337	\$12,563	\$3,783	\$19,498	\$11,151	\$6,955	\$9,260	\$18,773	\$2,361	\$195,356
51 - Gopher Tortoise Relocations	Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,667	\$2,667
51 - Gopher Tortoise Relocations	Peaking	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800	\$7,822	\$0	\$9,622
52 - Numeric Nutrient Criteria Water Quality Standards in Florida	Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
55 - Solar Site Avian Monitoring and Reporting Project	Solar	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,181	\$26,258	\$13,109	\$12,679	\$70,228
Total		\$2,698,662	\$2,736,967	\$3,159,790	\$2,929,223	\$3,100,833	\$1,344,853	\$2,820,467	\$2,711,165	\$2,567,527	\$2,560,618	\$3,005,747	\$3,620,622	\$33,256,473

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-5A

JANUARY 2018 THROUGH DECEMBER 2018

O&M ACTIVITIES

O&M Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification		
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	Energy	CP Demand	GCP Demand
1 - Air Operating Permit Fees	Base	\$133,620	95.7811%	\$127,983	\$127,983	\$0	\$0
1 - Air Operating Permit Fees	Intermediate	\$157,007	94.2579%	\$147,991	\$147,991	\$0	\$0
1 - Air Operating Permit Fees	Peaking	\$88,095	94.8545%	\$83,562	\$83,562	\$0	\$0
3a - Continuous Emission Monitoring Systems	Intermediate	\$265,794	94.2579%	\$250,532	\$250,532	\$0	\$0
3a - Continuous Emission Monitoring Systems	Peaking	\$69,091	94.8545%	\$65,536	\$65,536	\$0	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$8,845	95.6652%	\$8,462	\$0	\$8,462	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$206,583	94.1431%	\$194,483	\$0	\$194,483	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$27,557	94.7386%	\$26,107	\$0	\$26,107	\$0
8a - Oil Spill Clean-up/Response Equipment	Base	(\$179)	95.7811%	(\$172)	(\$172)	\$0	\$0
8a - Oil Spill Clean-up/Response Equipment	Intermediate	\$30,775	94.2579%	\$29,008	\$29,008	\$0	\$0
8a - Oil Spill Clean-up/Response Equipment	Peaking	\$248,059	94.8545%	\$235,295	\$235,295	\$0	\$0
14 - NPDES Permit Fees	Base	\$11,500	95.6652%	\$11,001	\$0	\$11,001	\$0
14 - NPDES Permit Fees	Intermediate	\$28,260	94.1431%	\$26,605	\$0	\$26,605	\$0
14 - NPDES Permit Fees	Peaking	\$29,440	94.7386%	\$27,891	\$0	\$27,891	\$0
17a - Disposal of Non-Containerized Liquid Waste	Base	\$0	95.7811%	\$0	\$0	\$0	\$0
17a - Disposal of Non-Containerized Liquid Waste	Peaking	\$0	94.8545%	\$0	\$0	\$0	\$0
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	\$2,917,909	100.0000%	\$2,917,909	\$0	\$0	\$2,917,909
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	\$1,477,874	88.7974%	\$1,312,313	\$0	\$1,312,313	\$0
21 - St. Lucie Turtle Nets	Base	\$204,824	95.6652%	\$195,945	\$0	\$195,945	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$57)	95.7811%	(\$55)	(\$55)	\$0	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Intermediate	(\$191)	94.2579%	(\$180)	(\$180)	\$0	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Peaking	(\$97)	94.8545%	(\$92)	(\$92)	\$0	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Distribution	\$0	100.0000%	\$0	\$0	\$0	\$0
22 - Pipeline Integrity Management	Intermediate	(\$15,093)	94.1431%	(\$14,209)	\$0	(\$14,209)	\$0
22 - Pipeline Integrity Management	Peaking	(\$21,281)	94.7386%	(\$20,161)	\$0	(\$20,161)	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$31,292	94.1431%	\$29,459	\$0	\$29,459	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$25,255	94.7386%	\$23,926	\$0	\$23,926	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$589,484	100.0000%	\$589,484	\$0	\$589,484	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$136,286	88.7974%	\$121,018	\$0	\$121,018	\$0
24 - Manatee Return	Peaking	\$84,687	94.8545%	\$80,329	\$80,329	\$0	\$0
27 - Lowest Quality Water Source	Intermediate	\$135,375	94.1431%	\$127,446	\$0	\$127,446	\$0
28 - CWA 316(b) Phase II Rule	Base	\$205,271	95.6652%	\$196,373	\$0	\$196,373	\$0
28 - CWA 316(b) Phase II Rule	Intermediate	\$979,287	94.1431%	\$921,931	\$0	\$921,931	\$0
28 - CWA 316(b) Phase II Rule	Peaking	\$135,504	94.7386%	\$128,375	\$0	\$128,375	\$0
29 - SCR Consumables	Intermediate	\$612,248	94.2579%	\$577,092	\$577,092	\$0	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$4,481,993	95.7811%	\$4,292,902	\$4,292,902	\$0	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$0	94.2579%	\$0	\$0	\$0	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$311,616	94.8545%	\$295,582	\$295,582	\$0	\$0
33 - MATS Project	Base	\$1,526,983	95.7811%	\$1,462,561	\$1,462,561	\$0	\$0
35 - Martin Plant Drinking Water System Compliance	Peaking	\$35,372	94.7386%	\$33,511	\$0	\$33,511	\$0
37 - DeSoto Next Generation Solar Energy Center	Solar	\$639,323	95.6652%	\$611,609	\$0	\$611,609	\$0
38 - Space Coast Next Generation Solar Energy Center	Solar	\$298,832	95.6652%	\$285,878	\$0	\$285,878	\$0
39 - Martin Next Generation Solar Energy Center	Intermediate	\$4,583,474	94.1431%	\$4,315,025	\$0	\$4,315,025	\$0
41 - Manatee Temporary Heating System	Intermediate	\$636,738	94.2579%	\$600,176	\$600,176	\$0	\$0
41 - Manatee Temporary Heating System	Peaking	\$0	94.8545%	\$0	\$0	\$0	\$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$10,488,164	95.7811%	\$10,045,679	\$10,045,679	\$0	\$0
45 - 800 MW Unit ESP	Peaking	\$837,306	94.8545%	\$794,222	\$794,222	\$0	\$0
47 - NPDES Permit Renewal Requirements	Base	\$290,150	95.6652%	\$277,573	\$0	\$277,573	\$0
47 - NPDES Permit Renewal Requirements	Intermediate	\$23,087	94.1431%	\$21,735	\$0	\$21,735	\$0
47 - NPDES Permit Renewal Requirements	Peaking	\$9,589	94.7386%	\$9,084	\$0	\$9,084	\$0
48 - Industrial Boiler MACT	Base	\$2,072	95.6652%	\$1,983	\$0	\$1,983	\$0
48 - Industrial Boiler MACT	Peaking	\$10,880	94.7386%	\$10,307	\$0	\$10,307	\$0
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$195,356	95.6652%	\$186,888	\$0	\$186,888	\$0
51 - Gopher Tortoise Relocations	Intermediate	\$2,667	94.1431%	\$2,510	\$0	\$2,510	\$0
51 - Gopher Tortoise Relocations	Peaking	\$9,622	94.7386%	\$9,116	\$0	\$9,116	\$0
52 - Numeric Nutrient Criteria Water Quality Standards in Florida	Intermediate	\$0	94.1431%	\$0	\$0	\$0	\$0
54 - Coal Combustion Residuals	Base	\$0	95.6652%	\$0	\$0	\$0	\$0
55 - Solar Site Avian Monitoring and Reporting	Solar	\$70,228	95.7811%	\$67,265	\$67,265	\$0	\$0
Total		\$33,256,473		\$31,744,795	\$19,155,216	\$9,671,670	\$2,917,909

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2019 THROUGH DECEMBER 2019
O&M ACTIVITIES

FORM 42-5A

	Jan - 2018	Feb - 2018	Mar - 2018	Apr - 2018	May - 2018	Jun - 2018	Jul - 2018	Aug - 2018	Sep - 2018	Oct - 2018	Nov - 2018	Dec - 2018	Total
2. Total of O&M Activities	\$2,698,662	\$2,736,967	\$3,159,790	\$2,929,223	\$3,100,833	\$1,344,853	\$2,820,467	\$2,711,165	\$2,567,527	\$2,560,618	\$3,005,747	\$3,620,622	\$33,256,473
3. Recoverable Costs Allocated to Energy - Base	\$1,588,148	\$1,463,614	\$1,850,124	\$1,874,955	\$1,859,342	\$454,155	\$1,363,038	\$1,300,000	\$1,331,285	\$1,086,102	\$1,316,591	\$1,143,169	\$16,630,524
Recoverable Costs Allocated to Energy - Intermediate	\$52,480	\$66,935	\$121,656	\$82,915	\$60,908	\$110,805	\$205,201	\$339,695	\$104,788	\$161,396	\$172,158	\$223,432	\$1,702,370
Recoverable Costs Allocated to Energy - Peaking	\$67,237	\$131,310	\$84,536	\$85,191	\$95,706	\$183,100	\$128,572	\$128,790	\$103,140	\$292,377	\$176,387	\$162,411	\$1,638,757
Recoverable Costs Allocated to Energy - Solar	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$18,181	\$26,258	\$13,109	\$12,679	\$70,228
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	\$42,329	\$61,231	\$406,368	\$156,974	\$94,644	\$32,920	\$43,621	\$60,477	\$38,670	\$127,807	\$363,817	\$185,301	\$1,614,159
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	\$33,206	\$110,152	\$19,244	\$56,842	\$71,906	\$35,785	\$119,864	\$100,843	\$86,239	\$101,651	\$37,080	\$145,205	\$918,018
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Interm.	\$515,612	\$566,403	\$412,970	\$346,205	\$419,982	\$356,071	\$485,506	\$412,943	\$463,438	\$412,313	\$622,579	\$960,908	\$5,974,932
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	\$148,229	\$51,762	(\$89,596)	(\$26,859)	\$20,446	\$29,162	\$9,617	\$17,269	\$36,251	\$28,531	\$28,766	\$8,362	\$261,938
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	\$61,565	\$69,669	\$60,462	\$40,186	\$87,018	\$51,509	\$66,810	\$108,541	\$104,044	\$60,993	\$112,786	\$114,573	\$938,155
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	\$47,588	\$45,406	\$36,825	\$39,318	\$52,503	\$26,766	\$42,863	\$50,815	\$103,155	(\$31,180)	\$68,537	\$106,887	\$589,484
5. Recoverable Costs Jurisdictionalized on GCP Demand - Distribution	\$142,268	\$170,484	\$257,200	\$273,496	\$338,379	\$64,582	\$355,374	\$191,792	\$178,334	\$294,369	\$93,936	\$557,694	\$2,917,909
6. Retail Production Energy Jurisdictional Factor - Base	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%
Retail Production Energy Jurisdictional Factor - Intermediate	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%
Retail Production Energy Jurisdictional Factor - Peaking	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%
Retail Production Energy Jurisdictional Factor - Solar	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%
7. Retail Distribution Demand Jurisdictional Factor	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%
Retail Transmission Demand Jurisdictional Factor	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%
Retail Production Demand Jurisdictional Factor - Base	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%
Retail Production Demand Jurisdictional Factor - Intermediate	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%
Retail Production Demand Jurisdictional Factor - Peaking	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%
Retail Production Demand Jurisdictional Factor - Solar	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%
8. Jurisdictional Recoverable Costs- Transmission	\$37,587	\$54,372	\$360,844	\$139,389	\$84,041	\$29,232	\$38,735	\$53,702	\$34,338	\$113,490	\$323,060	\$164,542	\$1,433,331
Jurisdictional Recoverable Costs - Production - Base	\$1,552,912	\$1,507,243	\$1,790,479	\$1,850,231	\$1,849,687	\$469,228	\$1,420,201	\$1,341,626	\$1,357,621	\$1,137,525	\$1,296,518	\$1,233,851	\$16,807,122
Jurisdictional Recoverable Costs - Production - Intermediate	\$534,880	\$596,321	\$503,453	\$404,082	\$452,795	\$439,659	\$650,489	\$708,948	\$535,067	\$540,293	\$748,387	\$1,115,231	\$7,229,605
Jurisdictional Recoverable Costs - Production - Peaking	\$204,207	\$173,592	(\$4,696)	\$55,362	\$110,152	\$201,306	\$131,067	\$138,523	\$132,176	\$304,362	\$194,564	\$161,976	\$1,802,592
Jurisdictional Recoverable Costs - Production - Solar	\$58,896	\$66,649	\$57,841	\$38,444	\$83,246	\$49,276	\$63,914	\$103,836	\$116,948	\$83,499	\$120,453	\$121,751	\$964,752
Jurisdictional Recoverable Costs - Distribution	\$189,857	\$215,891	\$294,025	\$312,814	\$390,882	\$91,347	\$398,237	\$242,607	\$281,489	\$263,189	\$162,473	\$664,582	\$3,507,392
9. Total Jurisdictional Recoverable Costs for O&M Activities	\$2,578,339	\$2,614,067	\$3,001,947	\$2,800,321	\$2,970,802	\$1,280,048	\$2,702,643	\$2,589,241	\$2,457,639	\$2,442,359	\$2,845,456	\$3,461,932	\$31,744,795

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-6A

JANUARY 2018 THROUGH DECEMBER 2018
VARIANCE REPORT OF CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

(1)	(2)	(3)	(4)	(5)
Capital Projects	ECRC - 2018 Final True-Up ^(a)	ECRC - 2018 Actual/Estimated ^(b)	Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(c)	% Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(d)
2 - Low NOX Burner Technology	\$62,269	\$62,269	(\$0)	(0.0%)
3 - Continuous Emission Monitoring Systems	\$563,973	\$596,293	(\$32,320)	(5.4%)
5 - Maintenance of Stationary Above Ground Fuel Storage Tanks	\$1,673,997	\$1,672,922	\$1,075	0.1%
7 - Relocate Turbine Lube Oil Underground Piping to Above Ground	\$1,782	\$1,782	(\$0)	(0.0%)
8 - Oil Spill Clean-up/Response Equipment	\$148,489	\$152,108	(\$3,619)	(2.4%)
10 - Relocate Storm Water Runoff	\$6,513	\$6,513	\$0	0.0%
NA-Amortization of Gains on Sales of Emissions Allowances	(\$56)	(\$57)	\$1	(1.4%)
12 - Scherer Discharge Pipeline	\$35,530	\$35,530	(\$0)	(0.0%)
20 - Wastewater Discharge Elimination & Reuse	\$74,613	\$77,613	(\$3,000)	(3.9%)
21 - St. Lucie Turtle Nets	\$740,606	\$740,606	\$0	0.0%
22 - Pipeline Integrity Management	\$269,328	\$269,328	(\$0)	(0.0%)
23 - SPCC - Spill Prevention, Control & Countermeasures	\$2,074,887	\$2,135,454	(\$60,567)	(2.8%)
24 - Manatee Reburn	\$3,147,766	\$3,150,126	(\$2,360)	(0.1%)
26 - UST Remove/Replacement	\$6,764	\$6,764	(\$0)	(0.0%)
28 - CWA 316(b) Phase II Rule	\$78,943	\$78,782	\$161	0.2%
31 - Clean Air Interstate Rule (CAIR) Compliance	\$48,038,506	\$48,156,194	(\$117,688)	(0.2%)
33 - MATS Project	\$9,615,982	\$9,606,375	\$9,607	0.1%
34 - St Lucie Cooling Water System Inspection & Maintenance	\$345,537	\$347,643	(\$2,106)	(0.6%)
35 - Martin Plant Drinking Water System Compliance	\$20,220	\$20,466	(\$246)	(1.2%)
36 - Low-Level Radioactive Waste Storage	\$1,690,444	\$1,690,444	(\$0)	(0.0%)
37 - DeSoto Next Generation Solar Energy Center	\$12,718,925	\$12,719,862	(\$937)	(0.0%)
38 - Space Coast Next Generation Solar Energy Center	\$5,903,999	\$5,903,927	\$72	0.0%
39 - Martin Next Generation Solar Energy Center	\$35,394,311	\$35,389,515	\$4,797	0.0%
41 - Manatee Temporary Heating System	\$378,664	\$478,899	(\$100,235)	(20.9%)
42 - Turkey Point Cooling Canal Monitoring Plan	\$4,181,017	\$4,504,185	(\$323,168)	(7.2%)
44 - Martin Plant Barley Barber Swamp Iron Mitigation	\$14,919	\$14,919	(\$0)	(0.0%)
45 - 800 MW Unit ESP	\$23,870,619	\$24,103,096	(\$232,477)	(1.0%)
54 - Coal Combustion Residuals	\$2,838,117	\$3,243,328	(\$405,211)	(12.5%)
Total	\$153,896,664	\$155,164,887	(\$1,268,223)	(0.8%)

^(a) The 12-Month Totals on Form 42-7A

^(b) The approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

ENVIRONMENTAL COST RECOVERY CLAUSE
 CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
 JANUARY 2018 THROUGH DECEMBER 2018
 VARIANCE REPORT OF CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

(1)	(2)	(3)	(4)	(5)
	ECRC - 2018 Final True-Up ^(a)	ECRC - 2018 Actual/Estimated ^(b)	Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(c)	% Dif. ECRC - 2018 Final True-up - Actual/Estimated ^(d)
2. Total Investment Projects - Recoverable Costs	\$153,896,664	\$155,164,887	(\$1,268,223)	(0.49%)
3. Recoverable Costs Allocated to Energy	\$3,773,953	\$3,808,631	(\$34,679)	(0.52%)
4. Recoverable Costs Allocated to Demand	\$150,122,712	\$151,356,256	(\$1,233,544)	(0.49%)
7. Jurisdictional Energy Recoverable Costs	\$12,815,362	\$12,921,249	(\$105,888)	(0.52%)
8. Jurisdictional Demand Recoverable Costs	\$133,475,190	\$134,573,499	(\$1,098,309)	(0.49%)
9. Total Jurisdictional Recoverable Costs for Investment Projects	<u>\$146,290,552</u>	<u>\$147,494,749</u>	<u>(\$1,204,197)</u>	<u>(0.49%)</u>

^(a) The 12-Month Totals on Form 42-7A

^(b) The approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-7A

JANUARY 2018 THROUGH DECEMBER 2018
CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Capital Investment Projects	Strata	Jan - 2018	Feb - 2018	Mar - 2018	Apr - 2018	May - 2018	Jun - 2018	Jul - 2018	Aug - 2018	Sep - 2018	Oct - 2018	Nov - 2018	Dec - 2018	Total	
02 - Low NOX Burner Technology	Peaking	\$5,322	\$5,301	\$5,281	\$5,260	\$5,240	\$5,220	\$5,157	\$5,137	\$5,118	\$5,098	\$5,078	\$5,058	\$62,269	
03 - Continuous Emission Monitoring Systems	Base	\$2,508	\$2,501	\$2,493	\$2,485	\$2,477	\$2,469	\$2,436	\$2,428	\$2,421	\$2,413	\$2,405	\$2,398	\$29,434	
03 - Continuous Emission Monitoring Systems	Intermediate	\$26,861	\$26,770	\$26,677	\$26,572	\$26,467	\$26,374	\$26,038	\$26,094	\$26,195	\$26,149	\$26,059	\$24,925	\$315,180	
03 - Continuous Emission Monitoring Systems	Peaking	\$18,782	\$18,717	\$18,652	\$18,587	\$18,522	\$18,486	\$18,278	\$18,307	\$18,337	\$18,273	\$18,209	\$16,210	\$219,359	
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$147	\$147	\$147	\$147	\$147	\$147	\$144	\$144	\$144	\$144	\$144	\$144	\$1,740	
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	\$50,897	\$50,850	\$51,356	\$51,862	\$51,814	\$52,054	\$51,386	\$51,347	\$51,306	\$51,260	\$51,214	\$51,328	\$616,673	
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$21,267	\$21,202	\$21,137	\$21,070	\$21,004	\$20,939	\$20,654	\$20,590	\$20,526	\$20,462	\$20,398	\$19,854	\$249,103	
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$68,974	\$68,730	\$68,487	\$68,242	\$67,997	\$67,754	\$66,901	\$66,663	\$66,424	\$66,185	\$65,947	\$64,176	\$806,481	
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	\$153	\$153	\$152	\$151	\$150	\$149	\$148	\$147	\$146	\$145	\$145	\$144	\$1,782	
08 - Oil Spill Clean-up/Response Equipment	Base														
08 - Oil Spill Clean-up/Response Equipment	Distribution	\$23	\$23	\$23	\$23	\$23	\$23	\$22	\$22	\$22	\$22	\$22	\$22	\$268	
08 - Oil Spill Clean-up/Response Equipment	General	\$93	\$93	\$92	\$92	\$92	\$92	\$28	\$27	\$27	\$27	\$27	\$27	\$558	
08 - Oil Spill Clean-up/Response Equipment	Intermediate	\$7,268	\$7,242	\$7,217	\$7,191	\$7,165	\$7,140	\$7,050	\$7,025	\$6,893	\$6,761	\$6,706	\$6,628	\$84,286	
08 - Oil Spill Clean-up/Response Equipment	Peaking	\$5,471	\$5,450	\$5,430	\$5,409	\$5,388	\$5,367	\$5,303	\$5,282	\$5,181	\$5,081	\$5,038	\$4,976	\$63,377	
10 - Relocate Storm Water Runoff	Base	\$554	\$552	\$551	\$550	\$548	\$547	\$539	\$537	\$536	\$533	\$533	\$532	\$6,513	
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$6)	(\$5)	(\$5)	(\$5)	(\$5)	(\$5)	(\$5)	(\$5)	(\$4)	(\$4)	(\$4)	(\$4)	(\$56)	
12 - Scherer Discharge Pipeline	Base	\$3,023	\$3,015	\$3,007	\$2,999	\$2,990	\$2,982	\$2,939	\$2,931	\$2,923	\$2,915	\$2,907	\$2,899	\$35,530	
20 - Wastewater Discharge Elimination & Reuse	Peaking	\$6,609	\$6,590	\$6,570	\$6,551	\$6,532	\$6,513	\$6,266	\$6,093	\$6,076	\$6,059	\$6,043	\$4,711	\$74,613	
21 - St. Lucie Turtle Nets	Base	\$62,677	\$62,593	\$62,509	\$62,425	\$62,340	\$62,256	\$61,174	\$61,091	\$61,009	\$60,926	\$60,844	\$60,761	\$740,606	
22 - Pipeline Integrity Management	Intermediate	\$12,227	\$12,205	\$12,183	\$12,161	\$12,139	\$12,117	\$11,918	\$11,897	\$11,875	\$11,854	\$11,832	\$11,811	\$144,221	
22 - Pipeline Integrity Management	Peaking	\$10,608	\$10,589	\$10,569	\$10,550	\$10,530	\$10,511	\$10,339	\$10,320	\$10,301	\$10,282	\$10,263	\$10,244	\$125,108	
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	\$25,622	\$25,561	\$25,500	\$27,662	\$29,881	\$29,879	\$29,462	\$29,392	\$29,316	\$29,237	\$29,159	\$29,080	\$339,750	
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$21,252	\$21,237	\$21,204	\$21,172	\$21,140	\$21,108	\$20,749	\$20,717	\$20,686	\$20,655	\$20,623	\$20,734	\$251,278	
23 - SPCC - Spill Prevention, Control & Countermeasures	General	\$921	\$920	\$919	\$917	\$916	\$915	\$899	\$898	\$897	\$895	\$894	\$893	\$10,884	
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$59,866	\$59,715	\$59,564	\$59,413	\$59,262	\$59,111	\$58,235	\$58,088	\$57,940	\$57,792	\$57,644	\$57,147	\$703,777	
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$47,754	\$47,589	\$47,425	\$47,261	\$47,097	\$46,932	\$46,332	\$46,171	\$46,010	\$45,849	\$45,688	\$45,263	\$559,371	
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$13,448	\$13,542	\$14,303	\$15,324	\$16,808	\$18,049	\$17,811	\$18,498	\$19,198	\$19,264	\$20,547	\$23,035	\$299,827	
24 - Manatee Reburn	Peaking	\$267,640	\$266,816	\$265,997	\$265,177	\$264,354	\$263,618	\$260,200	\$259,904	\$259,543	\$258,766	\$258,028	\$257,723	\$3,147,766	
25 - Ft. Everglades ESP Technology	Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
26 - UST Remove/Replacement	General	\$573	\$572	\$571	\$570	\$569	\$568	\$559	\$558	\$557	\$556	\$555	\$554	\$6,764	
28 - CWA 316(b) Phase II Rule	Intermediate	\$6,673	\$6,661	\$6,652	\$6,643	\$6,632	\$6,621	\$6,511	\$6,518	\$6,524	\$6,513	\$6,502	\$6,491	\$78,943	
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$3,086,330	\$3,081,301	\$3,076,236	\$3,071,635	\$3,067,419	\$3,063,239	\$3,012,816	\$3,009,190	\$3,005,475	\$3,000,601	\$2,995,741	\$2,991,983	\$36,461,964	
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$106	
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$10,275	\$10,256	\$10,237	\$10,219	\$10,200	\$10,181	\$10,015	\$9,996	\$9,978	\$9,959	\$9,941	\$9,685	\$120,942	
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$983,602	\$980,881	\$978,161	\$975,440	\$972,719	\$969,999	\$956,139	\$953,465	\$950,800	\$948,135	\$945,469	\$840,684	\$11,455,494	
33 - MATS Project	Base	\$807,947	\$806,320	\$804,961	\$806,901	\$809,089	\$809,357	\$798,124	\$796,963	\$795,501	\$794,282	\$792,976	\$793,562	\$9,615,982	
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	\$29,257	\$29,257	\$29,257	\$29,264	\$29,271	\$29,106	\$28,354	\$28,354	\$28,354	\$28,354	\$28,354	\$28,354	\$345,537	
35 - Martin Plant Drinking Water System Compliance	Intermediate	\$989	\$987	\$986	\$984	\$982	\$980	\$964	\$962	\$961	\$959	\$957	\$815	\$11,525	
35 - Martin Plant Drinking Water System Compliance	Peaking	\$746	\$745	\$744	\$742	\$741	\$739	\$727	\$726	\$725	\$723	\$722	\$615	\$8,695	
36 - Low-Level Radioactive Waste Storage	Base	\$143,325	\$143,065	\$142,805	\$142,546	\$142,286	\$142,026	\$139,702	\$139,447	\$139,193	\$138,938	\$138,683	\$138,429	\$1,690,444	
37 - DeSoto Next Generation Solar Energy Center	Solar	\$1,084,375	\$1,081,210	\$1,078,038	\$1,074,870	\$1,071,670	\$1,068,443	\$1,051,107	\$1,048,028	\$1,044,926	\$1,041,845	\$1,038,764	\$1,035,651	\$12,718,925	
38 - Space Coast Next Generation Solar Energy Center	Solar	\$503,179	\$501,763	\$500,347	\$498,848	\$497,349	\$495,939	\$487,901	\$486,512	\$485,123	\$483,734	\$482,345	\$480,956	\$5,903,999	
39 - Martin Next Generation Solar Energy Center	Intermediate	\$3,008,286	\$3,001,131	\$2,993,478	\$2,986,408	\$2,979,480	\$2,972,671	\$2,923,269	\$2,916,887	\$2,910,432	\$2,905,033	\$2,900,550	\$2,896,688	\$35,394,311	
41 - Manatee Temporary Heating System	Distribution	\$1,481	\$1,481	\$1,481	\$1,481	\$1,481	\$1,481	\$1,451	\$1,451	\$1,451	\$1,451	\$1,451	\$1,451	\$17,591	
41 - Manatee Temporary Heating System	Intermediate	\$7,676	\$10,155	\$13,367	\$15,755	\$19,000	\$24,043	\$29,312	\$34,186	\$42,928	\$49,488	\$51,972	\$62,830	\$361,073	
41 - Manatee Temporary Heating System	Transmission	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$281,260	\$292,254	\$300,567	\$308,388	\$343,964	\$378,585	\$375,979	\$375,794	\$376,848	\$379,129	\$381,528	\$386,721	\$4,181,017	
42 - Turkey Point Cooling Canal Monitoring Plan	Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	\$721	\$720	\$718	\$717	\$716	\$715	\$703	\$702	\$700	\$699	\$698	\$696	\$8,504	
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	\$544	\$543	\$542	\$541	\$540	\$539	\$530	\$529	\$528	\$527	\$526	\$525	\$6,415	
45 - 800 MW Unit ESP	Intermediate	\$785	\$783	\$780	\$772	\$764	\$761	\$751	\$749	\$746	\$744	\$741	\$738	\$9,114	
45 - 800 MW Unit ESP	Peaking	\$2,046,013	\$2,040,627	\$2,035,240	\$2,029,842	\$2,024,443	\$2,019,058	\$1,989,649	\$1,984,232	\$1,978,845	\$1,973,686	\$1,970,716	\$1,769,154	\$23,861,505	
54 - Coal Combustion Residuals	Base	\$147,562	\$143,374	\$136,500	\$170,188	\$182,673	\$208,054	\$239,773	\$276,722	\$325,293	\$360,261	\$372,624	\$255,093	\$2,838,117	
Total		\$12,891,567	\$12,872,192	\$12,869,115	\$12,871,975	\$12,902,950	\$12,943,797	\$12,784,748	\$12,801,728	\$12,834,941	\$12,853,032	\$12,848,216	\$12,422,405	\$153,896,665	

^(a) Each project's Total Recoverable Costs on Form 42-8A, Line 9.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-7A

JANUARY 2018 THROUGH DECEMBER 2018
CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

Capital Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification	
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	CP Demand	Energy
02 - Low NOX Burner Technology	Peaking	\$62,269	94.8545%	\$59,065	\$0	\$59,065
03 - Continuous Emission Monitoring Systems	Base	\$29,434	95.7811%	\$28,192	\$0	\$28,192
03 - Continuous Emission Monitoring Systems	Intermediate	\$315,180	94.2579%	\$297,082	\$0	\$297,082
03 - Continuous Emission Monitoring Systems	Peaking	\$219,359	94.8545%	\$208,072	\$0	\$208,072
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$1,740	95.6652%	\$1,665	\$1,537	\$128
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	\$616,673	96.9449%	\$597,833	\$551,846	\$45,987
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$249,103	94.1431%	\$234,513	\$216,474	\$18,039
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$806,481	94.7386%	\$764,048	\$705,275	\$58,773
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	\$1,782	95.6652%	\$1,705	\$1,574	\$131
08 - Oil Spill Clean-up/Response Equipment	Base	\$0	95.6652%	\$0	\$0	\$0
08 - Oil Spill Clean-up/Response Equipment	Distribution	\$268	100.0000%	\$268	\$248	\$21
08 - Oil Spill Clean-up/Response Equipment	General	\$558	96.9449%	\$541	\$499	\$42
08 - Oil Spill Clean-up/Response Equipment	Intermediate	\$84,286	94.1431%	\$79,350	\$73,246	\$6,104
08 - Oil Spill Clean-up/Response Equipment	Peaking	\$63,377	94.7386%	\$60,042	\$55,423	\$4,619
10 - Relocate Storm Water Runoff	Base	\$6,513	95.6652%	\$6,231	\$5,751	\$479
12 - Scherer Discharge Pipeline	Base	\$33,530	95.6652%	\$33,990	\$31,376	\$2,615
20 - Wastewater Discharge Elimination & Reuse	Peaking	\$74,613	94.7386%	\$70,687	\$65,250	\$5,437
21 - St. Lucie Turtle Nets	Base	\$740,606	95.6652%	\$708,502	\$654,002	\$54,500
22 - Pipeline Integrity Management	Intermediate	\$144,221	94.1431%	\$135,774	\$125,330	\$10,444
22 - Pipeline Integrity Management	Peaking	\$125,108	94.7386%	\$118,525	\$109,408	\$9,117
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	\$339,750	95.6652%	\$325,022	\$300,021	\$25,002
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$251,278	100.0000%	\$251,278	\$231,949	\$19,329
23 - SPCC - Spill Prevention, Control & Countermeasures	General	\$10,884	96.9449%	\$10,552	\$9,740	\$812
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$703,777	94.1431%	\$662,557	\$611,591	\$50,966
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$559,371	94.7386%	\$529,941	\$489,176	\$40,765
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$209,827	88.7974%	\$186,321	\$171,989	\$14,332
24 - Manatee Reburn	Intermediate	\$0	94.2579%	\$0	\$0	\$0
24 - Manatee Reburn	Peaking	\$3,147,766	94.8545%	\$2,985,797	\$0	\$2,985,797
25 - Pt. Everglades ESP Technology	Intermediate	\$0	94.2579%	\$0	\$0	\$0
26 - UST Remove/Replacement	General	\$6,764	96.9449%	\$6,558	\$6,053	\$504
28 - CWA 316(b) Phase II Rule	Intermediate	\$78,943	94.1431%	\$74,319	\$68,602	\$5,717
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$36,461,964	95.6652%	\$34,881,411	\$32,198,225	\$2,683,185
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	\$106	100.0000%	\$106	\$98	\$8
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$120,942	94.1431%	\$113,858	\$105,100	\$8,758
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$11,455,494	94.7386%	\$10,852,774	\$10,017,945	\$834,829
33 - MATS Project	Base	\$9,615,982	95.6652%	\$9,199,149	\$8,491,522	\$707,627
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	\$345,537	95.6652%	\$330,559	\$305,131	\$25,428
35 - Martin Plant Drinking Water System Compliance	Intermediate	\$11,525	94.1431%	\$10,850	\$10,016	\$835
35 - Martin Plant Drinking Water System Compliance	Peaking	\$8,695	94.7386%	\$8,237	\$7,604	\$634
36 - Low-Level Radioactive Waste Storage	Base	\$1,690,444	95.6652%	\$1,617,167	\$1,492,769	\$124,397
37 - DeSoto Next Generation Solar Energy Center	Solar	\$12,718,925	95.6652%	\$12,167,585	\$11,231,617	\$935,968
38 - Space Coast Next Generation Solar Energy Center	Solar	\$5,903,999	95.6652%	\$5,648,073	\$5,213,606	\$434,467
39 - Martin Next Generation Solar Energy Center	Intermediate	\$35,394,311	94.1431%	\$33,321,302	\$30,758,125	\$2,563,177
41 - Manatee Temporary Heating System	Distribution	\$17,591	100.0000%	\$17,591	\$16,238	\$1,353
41 - Manatee Temporary Heating System	Intermediate	\$361,073	94.1431%	\$339,925	\$313,777	\$26,148
41 - Manatee Temporary Heating System	Transmission	\$0	88.7974%	\$0	\$0	\$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$4,181,017	95.6652%	\$3,999,778	\$3,692,103	\$307,675
42 - Turkey Point Cooling Canal Monitoring Plan	Intermediate	\$0	94.1431%	\$0	\$0	\$0
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	\$8,504	94.1431%	\$8,006	\$8,006	\$0
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	\$6,415	94.7386%	\$6,078	\$6,078	\$0
45 - 800 MW Unit ESP	Intermediate	\$9,114	94.1431%	\$8,580	\$8,580	\$0
45 - 800 MW Unit ESP	Peaking	\$23,861,505	94.7386%	\$22,606,056	\$22,606,056	\$0
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$0	95.6652%	\$0	\$0	\$0
54 - Coal Combustion Residuals	Base	\$2,838,117	95.6652%	\$2,715,090	\$2,506,237	\$208,853
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$56)	95.7811%	(\$53)	\$0	(\$53)
Total		<u>\$153,896,665</u>		<u>\$146,290,552</u>	<u>\$133,475,190</u>	<u>\$12,815,362</u>

^(a) Each project's Total Recoverable Costs on Form 42-8A, Line 9.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-7A

JANUARY 2018 THROUGH DECEMBER 2018
CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

RAD - ECRC - 42 - 7A - 2	Jan - 2018	Feb - 2018	Mar - 2018	Apr - 2018	May - 2018	Jun - 2018	Jul - 2018	Aug - 2018	Sep - 2018	Oct - 2018	Nov - 2018	Dec - 2018	Total
2. Total of Capital Investment Projects	\$12,891,567	\$12,872,192	\$12,869,115	\$12,871,975	\$12,902,950	\$12,943,797	\$12,784,748	\$12,801,728	\$12,834,941	\$12,853,032	\$12,848,216	\$12,422,405	\$153,896,665
3. Recoverable Costs Jurisdictionalized on Energy - Base	\$2,503	\$2,495	\$2,487	\$2,480	\$2,472	\$2,464	\$2,431	\$2,424	\$2,416	\$2,409	\$2,402	\$2,394	\$29,378
Recoverable Costs Jurisdictionalized on Energy - Intermediate	\$26,861	\$26,770	\$26,677	\$26,572	\$26,467	\$26,374	\$26,038	\$26,094	\$26,195	\$26,149	\$26,059	\$24,925	\$315,180
Recoverable Costs Jurisdictionalized on Energy - Peaking	\$291,743	\$290,834	\$289,929	\$289,024	\$288,116	\$287,323	\$283,635	\$283,349	\$282,997	\$282,137	\$281,315	\$278,991	\$3,429,394
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	\$13,448	\$13,542	\$14,303	\$15,324	\$16,808	\$18,049	\$17,811	\$18,498	\$19,198	\$19,264	\$20,547	\$23,035	\$209,827
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	\$4,587,858	\$4,587,593	\$4,602,192	\$4,622,853	\$4,670,757	\$4,726,326	\$4,689,153	\$4,720,713	\$4,764,737	\$4,795,466	\$4,803,636	\$4,687,700	\$56,258,983
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Intermediate	\$3,136,033	\$3,131,057	\$3,126,319	\$3,121,333	\$3,117,344	\$3,115,279	\$3,069,382	\$3,067,599	\$3,069,503	\$3,070,623	\$3,067,942	\$3,073,384	\$37,165,798
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	\$3,170,320	\$3,161,744	\$3,153,167	\$3,144,578	\$3,135,988	\$3,127,412	\$3,082,188	\$3,073,481	\$3,064,891	\$3,056,528	\$3,050,412	\$2,740,349	\$36,961,058
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	\$1,587,554	\$1,582,973	\$1,578,385	\$1,573,717	\$1,569,018	\$1,564,383	\$1,539,008	\$1,534,540	\$1,530,049	\$1,525,580	\$1,521,109	\$1,516,608	\$18,622,924
Recoverable Costs Jurisdictionalized on 12 CP Demand - General	\$52,484	\$52,434	\$52,938	\$53,409	\$53,328	\$53,566	\$52,871	\$52,830	\$52,787	\$52,739	\$52,690	\$52,803	\$634,879
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	\$22,764	\$22,749	\$22,717	\$22,685	\$22,653	\$22,621	\$22,231	\$22,199	\$22,168	\$22,136	\$22,105	\$22,216	\$269,243
5. Retail Production Energy Jurisdictional Factor - Base	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	95.78110%	
Retail Production Energy Jurisdictional Factor - Intermediate	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	94.25790%	
Retail Production Energy Jurisdictional Factor - Peaking	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	94.85450%	
6. Retail Transmission Demand Jurisdictional Factor	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	88.79740%	
Retail Production Demand Jurisdictional Factor - Base	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	
Retail Production Demand Jurisdictional Factor - Intermediate	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	94.14310%	
Retail Production Demand Jurisdictional Factor - Peaking	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	94.73860%	
Retail Production Demand Jurisdictional Factor - Solar	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	95.66520%	
Retail Production Demand Jurisdictional Factor - General	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	96.94490%	
Retail Distribution Demand Jurisdictional Factor	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	
7. Jurisdictional Energy Recoverable Costs - Transmission	\$11,941	\$12,025	\$12,700	\$13,607	\$14,925	\$16,027	\$15,816	\$16,426	\$17,047	\$17,106	\$18,246	\$20,454	\$186,321
Jurisdictional Energy Recoverable Costs - Production - Base	\$4,391,380	\$4,391,120	\$4,405,078	\$4,424,837	\$4,470,657	\$4,523,810	\$4,488,216	\$4,518,401	\$4,560,509	\$4,589,900	\$4,597,708	\$4,486,791	\$53,848,407
Jurisdictional Energy Recoverable Costs - Production - Intermediate	\$2,977,677	\$2,972,907	\$2,968,359	\$2,963,565	\$2,959,711	\$2,957,680	\$2,914,154	\$2,912,529	\$2,914,416	\$2,915,428	\$2,912,818	\$2,916,872	\$35,286,117
Jurisdictional Energy Recoverable Costs - Production - Peaking	\$3,280,248	\$3,271,261	\$3,262,278	\$3,253,281	\$3,244,282	\$3,235,405	\$3,189,062	\$3,180,542	\$3,172,070	\$3,163,331	\$3,156,757	\$2,860,804	\$38,269,323
Jurisdictional Energy Recoverable Costs - Production - Solar	\$1,518,737	\$1,514,354	\$1,509,965	\$1,505,500	\$1,501,004	\$1,496,570	\$1,472,295	\$1,468,021	\$1,463,725	\$1,459,449	\$1,455,172	\$1,450,866	\$17,815,658
Jurisdictional Energy Recoverable Costs - General	\$50,881	\$50,833	\$51,321	\$51,777	\$51,698	\$51,929	\$51,256	\$51,216	\$51,174	\$51,128	\$51,081	\$51,190	\$615,483
Jurisdictional Energy Recoverable Costs - Distribution	\$22,764	\$22,749	\$22,717	\$22,685	\$22,653	\$22,621	\$22,231	\$22,199	\$22,168	\$22,136	\$22,105	\$22,216	\$269,243
8. Total Jurisdictional Recoverable Costs for Capital Investment Activities	\$12,253,628	\$12,235,249	\$12,232,418	\$12,235,253	\$12,264,930	\$12,304,042	\$12,153,030	\$12,169,335	\$12,201,110	\$12,218,478	\$12,213,886	\$11,809,194	\$146,290,552

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018

FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
02 - Low NOX Burner Technology														
Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3a. Less: Accumulated Depreciation	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
3b. Less: Capital Recovery Unamortized Balance	(338,245)	(335,113)	(331,981)	(328,849)	(325,717)	(322,585)	(319,453)	(316,321)	(313,190)	(310,058)	(306,926)	(303,794)	(300,662)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	<u>338,245</u>	<u>335,113</u>	<u>331,981</u>	<u>328,849</u>	<u>325,717</u>	<u>322,586</u>	<u>319,454</u>	<u>316,322</u>	<u>313,190</u>	<u>310,058</u>	<u>306,926</u>	<u>303,794</u>	<u>300,662</u>	
6. Average Net Investment		336,679	333,547	330,415	327,283	324,152	321,020	317,888	314,756	311,624	308,492	305,360	302,228	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,813	1,796	1,780	1,763	1,746	1,729	1,673	1,657	1,640	1,624	1,607	1,591	20,420
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		376	373	369	366	362	359	352	349	345	342	338	335	4,267
8. Investment Expenses														
a. Depreciation (e)		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Amortization (f)		3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	3,132	37,583
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>5,322</u>	<u>5,301</u>	<u>5,281</u>	<u>5,260</u>	<u>5,240</u>	<u>5,220</u>	<u>5,157</u>	<u>5,137</u>	<u>5,118</u>	<u>5,098</u>	<u>5,078</u>	<u>5,058</u>	<u>62,269</u>

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
03 - Continuous Emission Monitoring Systems														
Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		(44,752)	0	0	0	0	0	0	0	0	0	0	0	(44,752)
c. Retirements		(44,752)	0	0	0	0	0	0	0	0	0	0	0	(44,752)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	560,406	515,653	515,653	515,653	515,653	515,653	515,653	515,653	515,653	515,653	515,653	515,653	515,653	
3a. Less: Accumulated Depreciation	358,476	359,674	360,873	362,072	363,271	364,470	365,669	366,868	368,067	369,266	370,465	371,663	372,862	
3b. Less: Capital Recovery Unamortized Balance	0	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	(44,752)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	201,930	200,731	199,532	198,333	197,135	195,936	194,737	193,538	192,339	191,140	189,941	188,742	187,543	
6. Average Net Investment		201,331	200,132	198,933	197,734	196,535	195,336	194,137	192,938	191,739	190,541	189,342	188,143	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,084	1,078	1,071	1,065	1,059	1,052	1,022	1,016	1,009	1,003	997	990	12,446
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		225	224	222	221	220	218	215	214	212	211	210	208	2,601
8. Investment Expenses														
a. Depreciation (e)		1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	14,387
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		2,508	2,501	2,493	2,485	2,477	2,469	2,436	2,428	2,421	2,413	2,405	2,398	29,434

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
03 - Continuous Emission Monitoring Systems														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	38,706	0	0	0	(38,706)	0
b. Clearings to Plant		188	0	0	(2,489)	0	0	(0)	0	(3,560)	0	0	(850,217)	(856,079)
c. Retirements		0	0	0	0	0	0	0	0	(19,199)	0	0	(1,159,658)	(1,178,857)
d. Other (a)		(368)	0	0	0	0	0	0	(7,545)	(95)	0	0	(26,837)	(34,845)
2. Plant-In-Service/Depreciation Base (b)	3,180,705	3,180,893	3,180,893	3,180,893	3,178,403	3,178,403	3,178,404	3,178,404	3,178,404	3,174,843	3,174,843	3,174,843	2,324,626	
3a. Less: Accumulated Depreciation	1,501,169	1,512,668	1,524,535	1,536,403	1,548,265	1,560,124	1,571,983	1,583,841	1,588,155	1,580,714	1,592,563	1,604,411	427,767	
3b. Less: Capital Recovery Unamortized Balance	(261,071)	(258,654)	(256,237)	(253,819)	(251,402)	(248,985)	(246,567)	(244,150)	(241,733)	(239,315)	(236,898)	(234,481)	(232,063)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	38,706	38,706	38,706	38,706	0	
5. Net Investment (Lines 2 - 3 + 4)	1,940,607	1,926,879	1,912,594	1,898,310	1,881,540	1,867,264	1,852,988	1,838,712	1,870,687	1,872,150	1,857,885	1,843,619	2,128,922	
6. Average Net Investment		1,933,743	1,919,736	1,905,452	1,889,925	1,874,402	1,860,126	1,845,850	1,854,700	1,871,419	1,865,018	1,850,752	1,986,271	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		10,415	10,340	10,263	10,179	10,095	10,019	9,716	9,763	9,851	9,817	9,742	10,455	120,655
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		2,162	2,146	2,130	2,113	2,095	2,079	2,045	2,055	2,074	2,067	2,051	2,201	25,217
8. Investment Expenses														
a. Depreciation (e)		11,867	11,867	11,867	11,863	11,859	11,859	11,859	11,859	11,853	11,848	11,848	9,851	140,300
b. Amortization (f)		2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417	2,417	29,008
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		26,861	26,770	26,677	26,572	26,467	26,374	26,038	26,094	26,195	26,149	26,059	24,925	315,180

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
03 - Continuous Emission Monitoring Systems														
Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	29,199	0	0	0	(29,199)	0
b. Clearings to Plant		0	0	0	(0)	0	6,098	0	0	0	0	0	(886,050)	(879,952)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(886,050)	(886,050)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	2,081,676	2,081,676	2,081,676	2,081,676	2,081,676	2,081,676	2,087,774	2,087,774	2,087,774	2,087,774	2,087,774	2,087,774	1,201,724	
3a. Less: Accumulated Depreciation	911,632	919,848	928,063	936,279	944,495	952,711	960,935	969,168	977,401	985,634	993,867	1,002,100	122,435	
3b. Less: Capital Recovery Unamortized Balance	(189,596)	(187,840)	(186,085)	(184,329)	(182,573)	(180,818)	(179,062)	(177,307)	(175,551)	(173,796)	(172,040)	(170,285)	(168,529)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	29,199	29,199	29,199	29,199	0	
5. Net Investment (Lines 2 - 3 + 4)	1,359,640	1,349,668	1,339,697	1,329,726	1,319,754	1,309,783	1,305,901	1,295,913	1,315,123	1,305,135	1,295,146	1,285,158	1,247,818	
6. Average Net Investment		1,354,654	1,344,683	1,334,711	1,324,740	1,314,769	1,307,842	1,300,907	1,305,518	1,310,129	1,300,141	1,290,152	1,266,488	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		7,296	7,242	7,189	7,135	7,081	7,044	6,848	6,872	6,896	6,844	6,791	6,667	83,905
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1,514	1,503	1,492	1,481	1,470	1,462	1,442	1,447	1,452	1,441	1,430	1,403	17,535
8. Investment Expenses														
a. Depreciation (e)		8,216	8,216	8,216	8,216	8,216	8,224	8,233	8,233	8,233	8,233	8,233	6,385	96,853
b. Amortization (f)		1,756	1,756	1,756	1,756	1,756	1,756	1,756	1,756	1,756	1,756	1,756	1,756	21,066
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		18,782	18,717	18,652	18,587	18,522	18,486	18,278	18,307	18,337	18,273	18,209	16,210	219,359

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		(44,384)	0	0	0	0	0	0	0	0	0	0	0	(44,384)
c. Retirements		(44,384)	0	0	0	0	0	0	0	0	0	0	0	(44,384)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	44,384	0	0	0	0	0	0	0	0	0	0	0	0	
3a. Less: Accumulated Depreciation	21,854	21,854	21,854	21,854	21,854	21,854	21,854	21,854	21,854	21,854	21,854	21,854	21,854	
3b. Less: Capital Recovery Unamortized Balance	0	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	(44,384)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	
6. Average Net Investment		22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	22,529	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		121	121	121	121	121	121	119	119	119	119	119	119	1,440
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		25	25	25	25	25	25	25	25	25	25	25	25	301
8. Investment Expenses														
a. Depreciation (e)		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		147	147	147	147	147	147	144	144	144	144	144	144	1,740

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
General														
1. Investments														
a. Expenditures/Additions		0	113	170,081	0	0	88,498	973	1,457	242	3	0	50,556	311,924
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	5,837,840	
3a. Less: Accumulated Depreciation	297,000	304,297	311,595	318,892	326,189	333,487	340,784	348,081	355,379	362,676	369,973	377,270	384,568	
4. CWIP Non-Interest Bearing	1,166,569	1,166,569	1,166,682	1,336,763	1,336,763	1,336,763	1,425,261	1,426,235	1,427,692	1,427,935	1,427,937	1,427,937	1,478,493	
5. Net Investment (Lines 2 - 3 + 4)	6,707,409	6,700,112	6,692,927	6,855,711	6,848,414	6,841,116	6,922,318	6,915,994	6,910,154	6,903,099	6,895,804	6,888,507	6,931,765	
6. Average Net Investment		6,703,760	6,696,519	6,774,319	6,852,062	6,844,765	6,881,717	6,919,156	6,913,074	6,906,626	6,899,451	6,892,155	6,910,136	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		36,106	36,067	36,486	36,905	36,866	37,065	36,421	36,389	36,355	36,317	36,279	36,374	437,631
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		7,493	7,485	7,572	7,659	7,651	7,692	7,667	7,660	7,653	7,645	7,637	7,657	91,474
8. Investment Expenses														
a. Depreciation (e)		7,297	7,297	7,297	7,297	7,297	7,297	7,297	7,297	7,297	7,297	7,297	7,297	87,568
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		50,897	50,850	51,356	51,862	51,814	52,054	51,386	51,347	51,306	51,260	51,214	51,328	616,673

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	(344)	0	70	(1)	0	(1)	1	0	0	(276)
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	(417,503)	(417,503)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(417,503)	(417,503)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,708,135	2,290,632	
3a. Less: Accumulated Depreciation	1,310,739	1,317,613	1,324,488	1,331,363	1,338,238	1,345,113	1,351,988	1,358,863	1,365,738	1,372,612	1,379,487	1,386,362	975,252	
3b. Less: Capital Recovery Unamortized Balance	(334,906)	(331,750)	(328,593)	(325,437)	(322,281)	(319,124)	(315,968)	(312,811)	(309,655)	(306,498)	(303,342)	(300,185)	(297,029)	
4. CWIP Non-Interest Bearing	276	276	276	276	(68)	(68)	1	(0)	(0)	(1)	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	1,732,579	1,722,548	1,712,516	1,702,485	1,692,109	1,682,078	1,672,116	1,662,084	1,652,052	1,642,021	1,631,990	1,621,959	1,612,409	
6. Average Net Investment		1,727,563	1,717,532	1,707,501	1,697,297	1,687,094	1,677,097	1,667,100	1,657,068	1,647,037	1,637,005	1,626,974	1,617,184	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		9,305	9,251	9,197	9,142	9,087	9,033	8,775	8,722	8,670	8,617	8,564	8,513	106,874
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1,931	1,920	1,909	1,897	1,886	1,875	1,847	1,836	1,825	1,814	1,803	1,792	22,335
8. Investment Expenses														
a. Depreciation (e)		6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,875	6,393	82,017
b. Amortization (f)		3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	3,156	37,877
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		21,267	21,202	21,137	21,070	21,004	20,939	20,654	20,590	20,526	20,462	20,398	19,854	249,103

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	(260)	0	52	(1)	0	(0)	0	0	0	(208)
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	(1,420,426)	(1,420,426)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(1,420,426)	(1,420,426)
d. Other (a)		0	0	0	64	0	(13)	0	0	0	0	0	0	51
2. Plant-In-Service/Depreciation Base (b)	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	4,936,977	3,516,550	
3a. Less: Accumulated Depreciation	2,577,753	2,592,058	2,606,363	2,620,667	2,635,036	2,649,341	2,663,632	2,677,937	2,692,242	2,706,547	2,720,851	2,735,156	1,327,497	
3b. Less: Capital Recovery Unamortized Balance	(2,505,994)	(2,482,847)	(2,459,700)	(2,436,552)	(2,413,405)	(2,390,258)	(2,367,110)	(2,343,963)	(2,320,815)	(2,297,668)	(2,274,521)	(2,251,373)	(2,228,226)	
4. CWIP Non-Interest Bearing	208	208	208	208	(52)	(52)	1	(0)	(0)	(0)	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	4,865,426	4,827,974	4,790,522	4,753,070	4,715,294	4,677,842	4,640,455	4,603,002	4,565,550	4,528,098	4,490,646	4,453,194	4,417,279	
6. Average Net Investment		4,846,700	4,809,248	4,771,796	4,734,182	4,696,568	4,659,149	4,621,729	4,584,276	4,546,824	4,509,372	4,471,920	4,435,237	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		26,104	25,902	25,701	25,498	25,296	25,094	24,328	24,131	23,934	23,736	23,539	23,346	296,610
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		5,418	5,376	5,334	5,292	5,250	5,208	5,121	5,080	5,038	4,997	4,955	4,915	61,983
8. Investment Expenses														
a. Depreciation (e)	14,305	14,305	14,305	14,305	14,305	14,305	14,305	14,305	14,305	14,305	14,305	14,305	12,768	170,119
b. Amortization (f)	23,147	23,147	23,147	23,147	23,147	23,147	23,147	23,147	23,147	23,147	23,147	23,147	23,147	277,768
c. Dismantlement (g)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	68,974	68,730	68,487	68,242	67,997	67,754	66,901	66,663	66,424	66,185	65,947	64,176	806,481	

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	31,030	31,030	31,030	31,030	31,030	31,030	31,030	31,030	31,030	31,030	31,030	31,030	31,030	
3a. Less: Accumulated Depreciation	27,697	27,830	27,962	28,094	28,226	28,358	28,490	28,622	28,755	28,887	29,019	29,151	29,283	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	3,333	3,200	3,068	2,936	2,804	2,672	2,540	2,408	2,275	2,143	2,011	1,879	1,747	
6. Average Net Investment		3,267	3,134	3,002	2,870	2,738	2,606	2,474	2,342	2,209	2,077	1,945	1,813	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		18	17	16	15	15	14	13	12	12	11	10	10	163
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		4	4	3	3	3	3	3	3	2	2	2	2	34
8. Investment Expenses														
a. Depreciation (e)		132	132	132	132	132	132	132	132	132	132	132	132	1,586
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		153	153	152	151	150	149	148	147	146	145	145	144	1,782

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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08 - Oil Spill Clean-up/Response Equipment Distribution														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	2,995	2,995	2,995	2,995	2,995	2,995	2,995	2,995	2,995	2,995	2,995	2,995	2,995	
3a. Less: Accumulated Depreciation	269	274	279	284	289	294	299	304	309	314	319	324	329	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	<u>2,726</u>	<u>2,721</u>	<u>2,716</u>	<u>2,711</u>	<u>2,706</u>	<u>2,701</u>	<u>2,696</u>	<u>2,691</u>	<u>2,686</u>	<u>2,681</u>	<u>2,676</u>	<u>2,672</u>	<u>2,667</u>	
6. Average Net Investment		2,724	2,719	2,714	2,709	2,704	2,699	2,694	2,689	2,684	2,679	2,674	2,669	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		15	15	15	15	15	15	14	14	14	14	14	14	172
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		3	3	3	3	3	3	3	3	3	3	3	3	36
8. Investment Expenses														
a. Depreciation (e)		5	5	5	5	5	5	5	5	5	5	5	5	60
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>23</u>	<u>23</u>	<u>23</u>	<u>23</u>	<u>23</u>	<u>23</u>	<u>22</u>	<u>22</u>	<u>22</u>	<u>22</u>	<u>22</u>	<u>22</u>	<u>268</u>

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018

FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
08 - Oil Spill Clean-up/Response Equipment														
General														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	(2,291)	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	(2,291)	0	0	0	0	0	0	0	0	(2,291)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	(2,291)
2. Plant-In-Service/Depreciation Base (b)	6,704	6,704	6,704	6,704	4,413	4,413	4,413	4,413	4,413	4,413	4,413	4,413	4,413	
3a. Less: Accumulated Depreciation	3,005	3,075	3,144	3,213	959	964	970	976	981	987	992	998	1,003	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	3,699	3,629	3,560	3,491	3,454	3,448	3,443	3,437	3,432	3,426	3,421	3,415	3,410	
6. Average Net Investment		3,664	3,595	3,526	3,472	3,451	3,446	3,440	3,434	3,429	3,423	3,418	3,412	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		20	19	19	19	19	19	18	18	18	18	18	18	222
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		4	4	4	4	4	4	4	4	4	4	4	4	46
8. Investment Expenses														
a. Depreciation (e)		69	69	69	37	6	6	6	6	6	6	6	6	289
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		93	93	92	60	28	28	27	27	27	27	27	27	558

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
08 - Oil Spill Clean-up/Response Equipment														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	(13)	0	(13)
b. Clearings to Plant		0	0	0	0	0	0	0	0	(18,044)	0	(5,272)	(15,543)	(38,860)
c. Retirements		0	0	0	0	0	0	0	0	(18,044)	0	(5,286)	(15,543)	(38,873)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	477,647	477,647	477,647	477,647	477,647	477,647	477,647	477,647	477,647	459,603	459,603	454,331	438,787	
3a. Less: Accumulated Depreciation	(37,003)	(33,066)	(29,130)	(25,193)	(21,257)	(17,321)	(13,384)	(9,448)	(5,511)	(19,726)	(16,005)	(17,600)	(29,508)	
3b. Less: Capital Recovery Unamortized Balance	198	196	194	192	190	189	187	185	183	181	179	178	176	
4. CWIP Non-Interest Bearing	17	17	17	17	17	17	17	17	17	17	17	4	4	
5. Net Investment (Lines 2 - 3 + 4)	514,470	510,535	506,600	502,666	498,731	494,796	490,862	486,927	482,992	479,165	475,445	471,757	468,123	
6. Average Net Investment		512,502	508,568	504,633	500,698	496,764	492,829	488,894	484,960	481,079	477,305	473,601	469,940	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		2,760	2,739	2,718	2,697	2,676	2,654	2,573	2,553	2,532	2,512	2,493	2,474	31,382
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		573	568	564	560	555	551	542	537	533	529	525	521	6,558
8. Investment Expenses														
a. Depreciation (e)		3,936	3,936	3,936	3,936	3,936	3,936	3,936	3,936	3,829	3,722	3,690	3,636	46,369
b. Amortization (f)		(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(22)
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		7,268	7,242	7,217	7,191	7,165	7,140	7,050	7,025	6,893	6,761	6,706	6,628	84,286

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
08 - Oil Spill Clean-up/Response Equipment Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	(17)	0	(17)
b. Clearings to Plant		0	0	0	0	0	0	0	0	(13,612)	0	(3,970)	(12,955)	(30,538)
c. Retirements		0	0	0	0	0	0	0	0	(13,612)	0	(3,987)	(12,955)	(30,555)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	449,897	449,897	449,897	449,897	449,897	449,897	449,897	449,897	449,897	436,285	436,285	432,315	419,360	
3a. Less: Accumulated Depreciation	99,188	102,389	105,589	108,790	111,991	115,191	118,392	121,592	124,793	114,300	117,339	116,366	106,384	
4. CWIP Non-Interest Bearing	13	13	13	13	13	13	13	13	13	13	13	(4)	(4)	
5. Net Investment (Lines 2 - 3 + 4)	350,723	347,522	344,322	341,121	337,920	334,720	331,519	328,318	325,118	321,998	318,960	315,945	312,972	
6. Average Net Investment		349,123	345,922	342,721	339,521	336,320	333,119	329,919	326,718	323,558	320,479	317,452	314,458	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,880	1,863	1,846	1,829	1,811	1,794	1,737	1,720	1,703	1,687	1,671	1,655	21,196
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		390	387	383	380	376	372	366	362	359	355	352	348	4,429
8. Investment Expenses														
a. Depreciation (e)		3,201	3,201	3,201	3,201	3,201	3,201	3,201	3,201	3,120	3,039	3,015	2,973	37,751
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		5,471	5,450	5,430	5,409	5,388	5,367	5,303	5,282	5,181	5,081	5,038	4,976	63,377

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
10 - Relocate Storm Water Runoff Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	117,794	117,794	117,794	117,794	117,794	117,794	117,794	117,794	117,794	117,794	117,794	117,794	117,794	
3a. Less: Accumulated Depreciation	66,478	66,698	66,919	67,140	67,361	67,582	67,803	68,024	68,244	68,465	68,686	68,907	69,128	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	51,316	51,095	50,875	50,654	50,433	50,212	49,991	49,770	49,549	49,328	49,108	48,887	48,666	
6. Average Net Investment		51,206	50,985	50,764	50,543	50,322	50,101	49,881	49,660	49,439	49,218	48,997	48,776	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		276	275	273	272	271	270	263	261	260	259	258	257	3,195
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		57	57	57	56	56	56	55	55	55	55	54	54	668
8. Investment Expenses														
a. Depreciation (e)		221	221	221	221	221	221	221	221	221	221	221	221	2,650
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		554	552	551	550	548	547	539	537	536	534	533	532	6,513

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
12 - Scherer Discharge Pipeline														
Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	854,324	854,324	854,324	854,324	854,324	854,324	854,324	854,324	854,324	854,324	854,324	854,324	854,324	
3a. Less: Accumulated Depreciation	584,487	585,759	587,032	588,305	589,577	590,850	592,122	593,395	594,668	595,940	597,213	598,485	599,758	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	269,837	268,564	267,292	266,019	264,746	263,474	262,201	260,929	259,656	258,383	257,111	255,838	254,566	
6. Average Net Investment		269,201	267,928	266,655	265,383	264,110	262,838	261,565	260,292	259,020	257,747	256,475	255,202	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,450	1,443	1,436	1,429	1,422	1,416	1,377	1,370	1,363	1,357	1,350	1,343	16,757
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		301	299	298	297	295	294	290	288	287	286	284	283	3,502
8. Investment Expenses														
a. Depreciation (e)		1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	1,273	15,271
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		3,023	3,015	3,007	2,999	2,990	2,982	2,939	2,931	2,923	2,915	2,907	2,899	35,530

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018

FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
20 - Wastewater Discharge Elimination & Reuse Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	(81,709)	0	0	0	0	(689,868)	(771,577)
c. Retirements		0	0	0	0	0	0	(81,709)	0	0	0	0	(689,868)	(771,577)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	771,577	771,577	771,577	771,577	771,577	771,577	771,577	689,868	689,868	689,868	689,868	689,868	0	
3a. Less: Accumulated Depreciation	207,503	210,452	213,402	216,352	219,301	222,251	225,201	146,285	148,923	151,561	154,199	156,836	(531,712)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	564,074	561,124	558,175	555,225	552,275	549,326	546,376	543,582	540,944	538,307	535,669	533,031	531,712	
6. Average Net Investment		562,599	559,650	556,700	553,750	550,800	547,851	544,979	542,263	539,626	536,988	534,350	532,372	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		3,030	3,014	2,998	2,982	2,967	2,951	2,869	2,854	2,840	2,827	2,813	2,802	34,948
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		629	626	622	619	616	612	604	601	598	595	592	590	7,304
8. Investment Expenses														
a. Depreciation (e)		2,950	2,950	2,950	2,950	2,950	2,950	2,794	2,638	2,638	2,638	2,638	1,319	32,362
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		6,609	6,590	6,570	6,551	6,532	6,513	6,266	6,093	6,076	6,059	6,043	4,711	74,613

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
21 - St. Lucie Turtle Nets														
Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	6,909,559	
3a. Less: Accumulated Depreciation	(742,007)	(729,051)	(716,096)	(703,140)	(690,185)	(677,229)	(664,274)	(651,319)	(638,363)	(625,408)	(612,452)	(599,497)	(586,541)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	<u>7,651,565</u>	<u>7,638,610</u>	<u>7,625,654</u>	<u>7,612,699</u>	<u>7,599,743</u>	<u>7,586,788</u>	<u>7,573,833</u>	<u>7,560,877</u>	<u>7,547,922</u>	<u>7,534,966</u>	<u>7,522,011</u>	<u>7,509,055</u>	<u>7,496,100</u>	
6. Average Net Investment		7,645,087	7,632,132	7,619,177	7,606,221	7,593,266	7,580,310	7,567,355	7,554,399	7,541,444	7,528,489	7,515,533	7,502,578	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		41,176	41,106	41,037	40,967	40,897	40,827	39,833	39,765	39,697	39,629	39,560	39,492	483,987
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		8,546	8,531	8,517	8,502	8,488	8,473	8,385	8,371	8,357	8,342	8,328	8,314	101,154
8. Investment Expenses														
a. Depreciation (e)		12,955	12,955	12,955	12,955	12,955	12,955	12,955	12,955	12,955	12,955	12,955	12,955	155,465
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>62,677</u>	<u>62,593</u>	<u>62,509</u>	<u>62,425</u>	<u>62,340</u>	<u>62,256</u>	<u>61,174</u>	<u>61,091</u>	<u>61,009</u>	<u>60,926</u>	<u>60,844</u>	<u>60,761</u>	<u>740,606</u>	

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
22 - Pipeline Integrity Management														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	1,544,262	
3a. Less: Accumulated Depreciation	181,985	185,363	188,741	192,119	195,497	198,875	202,253	205,632	209,010	212,388	215,766	219,144	222,522	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	1,362,277	1,358,898	1,355,520	1,352,142	1,348,764	1,345,386	1,342,008	1,338,630	1,335,252	1,331,874	1,328,496	1,325,118	1,321,740	
6. Average Net Investment		1,360,587	1,357,209	1,353,831	1,350,453	1,347,075	1,343,697	1,340,319	1,336,941	1,333,563	1,330,185	1,326,807	1,323,429	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		7,328	7,310	7,292	7,274	7,255	7,237	7,055	7,037	7,020	7,002	6,984	6,966	85,760
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1,521	1,517	1,513	1,510	1,506	1,502	1,485	1,481	1,478	1,474	1,470	1,466	17,924
8. Investment Expenses														
a. Depreciation (e)		3,378	3,378	3,378	3,378	3,378	3,378	3,378	3,378	3,378	3,378	3,378	3,378	40,537
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		12,227	12,205	12,183	12,161	12,139	12,117	11,918	11,897	11,875	11,854	11,832	11,811	144,221

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
22 - Pipeline Integrity Management Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	1,328,530	
3a. Less: Accumulated Depreciation	154,266	157,246	160,226	163,207	166,187	169,168	172,148	175,129	178,109	181,090	184,070	187,050	190,031	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	1,174,264	1,171,284	1,168,303	1,165,323	1,162,342	1,159,362	1,156,381	1,153,401	1,150,421	1,147,440	1,144,460	1,141,479	1,138,499	
6. Average Net Investment		1,172,774	1,169,793	1,166,813	1,163,833	1,160,852	1,157,872	1,154,891	1,151,911	1,148,930	1,145,950	1,142,970	1,139,989	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		6,317	6,300	6,284	6,268	6,252	6,236	6,079	6,063	6,048	6,032	6,016	6,001	73,898
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1,311	1,308	1,304	1,301	1,298	1,294	1,280	1,276	1,273	1,270	1,267	1,263	15,444
8. Investment Expenses														
a. Depreciation (e)		2,980	2,980	2,980	2,980	2,980	2,980	2,980	2,980	2,980	2,980	2,980	2,980	35,765
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		10,608	10,589	10,569	10,550	10,530	10,511	10,339	10,320	10,301	10,282	10,263	10,244	125,108

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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23 - SPCC - Spill Prevention, Control & Countermeasures														
Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	242,556	12,029	2,000	780	186	0	0	0	0	257,550
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	2,987,885	2,987,885	2,987,885	2,987,885	3,230,440	3,242,469	3,244,468	3,245,248	3,245,435	3,245,435	3,245,435	3,245,435	3,245,435	
3a. Less: Accumulated Depreciation	481,051	490,399	499,747	509,096	519,882	532,135	544,420	556,714	569,013	581,314	593,615	605,916	618,217	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	<u>2,506,833</u>	<u>2,497,485</u>	<u>2,488,137</u>	<u>2,478,789</u>	<u>2,710,558</u>	<u>2,710,334</u>	<u>2,700,049</u>	<u>2,688,535</u>	<u>2,676,421</u>	<u>2,664,120</u>	<u>2,651,819</u>	<u>2,639,519</u>	<u>2,627,218</u>	
6. Average Net Investment		2,502,159	2,492,811	2,483,463	2,594,674	2,710,446	2,705,191	2,694,292	2,682,478	2,670,271	2,657,970	2,645,669	2,633,368	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		13,477	13,426	13,376	13,975	14,598	14,570	14,182	14,120	14,056	13,991	13,926	13,862	167,559
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		2,797	2,786	2,776	2,900	3,030	3,024	2,986	2,972	2,959	2,945	2,932	2,918	35,025
8. Investment Expenses														
a. Depreciation (e)		9,348	9,348	9,348	10,787	12,253	12,285	12,294	12,300	12,301	12,301	12,301	12,301	137,166
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>25,622</u>	<u>25,561</u>	<u>25,500</u>	<u>27,662</u>	<u>29,881</u>	<u>29,879</u>	<u>29,462</u>	<u>29,392</u>	<u>29,316</u>	<u>29,237</u>	<u>29,159</u>	<u>29,080</u>	<u>339,750</u>	

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
23 - SPCC - Spill Prevention, Control & Countermeasures														
Distribution														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	44,838	44,838
b. Clearings to Plant		5,249	0	0	0	0	0	0	0	0	0	0	0	5,249
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		45	0	0	0	0	0	0	0	0	0	0	0	45
2. Plant-In-Service/Depreciation Base (b)	3,368,668	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	3,373,917	
3a. Less: Accumulated Depreciation	862,109	867,089	872,024	876,959	881,894	886,829	891,764	896,699	901,634	906,569	911,504	916,439	921,374	
4. CWIP Non-Interest Bearing	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	46,963
5. Net Investment (Lines 2 - 3 + 4)	2,508,684	2,508,953	2,504,018	2,499,083	2,494,148	2,489,213	2,484,278	2,479,343	2,474,408	2,469,473	2,464,538	2,459,603	2,499,506	
6. Average Net Investment		2,508,818	2,506,485	2,501,550	2,496,615	2,491,680	2,486,745	2,481,810	2,476,876	2,471,941	2,467,006	2,462,071	2,479,555	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		13,512	13,500	13,473	13,447	13,420	13,394	13,064	13,038	13,012	12,986	12,960	13,052	158,857
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		2,804	2,802	2,796	2,791	2,785	2,780	2,750	2,745	2,739	2,734	2,728	2,748	33,201
8. Investment Expenses														
a. Depreciation (e)		4,935	4,935	4,935	4,935	4,935	4,935	4,935	4,935	4,935	4,935	4,935	4,935	59,220
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		21,252	21,237	21,204	21,172	21,140	21,108	20,749	20,717	20,686	20,655	20,623	20,734	251,278

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
23 - SPCC - Spill Prevention, Control & Countermeasures														
General														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	146,691	146,691	146,691	146,691	146,691	146,691	146,691	146,691	146,691	146,691	146,691	146,691	146,691	
3a. Less: Accumulated Depreciation	33,192	33,376	33,559	33,742	33,926	34,109	34,292	34,476	34,659	34,842	35,026	35,209	35,393	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	113,499	113,316	113,132	112,949	112,766	112,582	112,399	112,216	112,032	111,849	111,666	111,482	111,299	
6. Average Net Investment		113,407	113,224	113,041	112,857	112,674	112,491	112,307	112,124	111,941	111,757	111,574	111,390	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		611	610	609	608	607	606	591	590	589	588	587	586	7,183
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		127	127	126	126	126	126	124	124	124	124	124	123	1,501
8. Investment Expenses														
a. Depreciation (e)		183	183	183	183	183	183	183	183	183	183	183	183	2,200
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		921	920	919	917	916	915	899	898	897	895	894	893	10,884

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
23 - SPCC - Spill Prevention, Control & Countermeasures														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	(325,903)	(325,903)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(325,903)	(325,903)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	5,309,419	4,983,517	
3a. Less: Accumulated Depreciation	806,184	818,505	830,825	843,146	855,466	867,786	880,107	892,427	904,748	917,068	929,388	941,709	627,776	
3b. Less: Capital Recovery Unamortized Balance	(1,146,350)	(1,135,473)	(1,124,596)	(1,113,719)	(1,102,842)	(1,091,965)	(1,081,088)	(1,070,211)	(1,059,334)	(1,048,457)	(1,037,579)	(1,026,702)	(1,015,825)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	5,649,585	5,626,388	5,603,190	5,579,993	5,556,795	5,533,598	5,510,400	5,487,203	5,464,005	5,440,808	5,417,610	5,394,413	5,371,566	
6. Average Net Investment		5,637,987	5,614,789	5,591,592	5,568,394	5,545,197	5,521,999	5,498,802	5,475,604	5,452,407	5,429,209	5,406,012	5,382,990	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		30,366	30,241	30,116	29,991	29,866	29,741	28,945	28,823	28,700	28,578	28,456	28,335	352,160
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		6,302	6,276	6,250	6,224	6,198	6,172	6,093	6,068	6,042	6,016	5,990	5,965	73,598
8. Investment Expenses														
a. Depreciation (e)		12,320	12,320	12,320	12,320	12,320	12,320	12,320	12,320	12,320	12,320	12,320	11,970	147,494
b. Amortization (f)		10,877	10,877	10,877	10,877	10,877	10,877	10,877	10,877	10,877	10,877	10,877	10,877	130,525
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		59,866	59,715	59,564	59,413	59,262	59,111	58,235	58,088	57,940	57,792	57,644	57,147	703,777

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
23 - SPCC - Spill Prevention, Control & Countermeasures														
Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	(245,856)	(245,856)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(245,856)	(245,856)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,324,788	3,078,932	
3a. Less: Accumulated Depreciation	1,261,428	1,273,922	1,286,416	1,298,910	1,311,404	1,323,898	1,336,392	1,348,887	1,361,381	1,373,875	1,386,369	1,398,863	1,165,236	
3b. Less: Capital Recovery Unamortized Balance	(1,407,405)	(1,394,636)	(1,381,867)	(1,369,098)	(1,356,329)	(1,343,561)	(1,330,792)	(1,318,023)	(1,305,254)	(1,292,486)	(1,279,717)	(1,266,948)	(1,254,179)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	3,470,765	3,445,502	3,420,239	3,394,976	3,369,714	3,344,451	3,319,188	3,293,925	3,268,662	3,243,399	3,218,137	3,192,874	3,167,876	
6. Average Net Investment		3,458,134	3,432,871	3,407,608	3,382,345	3,357,082	3,331,819	3,306,557	3,281,294	3,256,031	3,230,768	3,205,505	3,180,375	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		18,625	18,489	18,353	18,217	18,081	17,945	17,405	17,272	17,139	17,006	16,873	16,741	212,148
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		3,866	3,837	3,809	3,781	3,753	3,724	3,664	3,636	3,608	3,580	3,552	3,524	44,334
8. Investment Expenses														
a. Depreciation (e)		12,494	12,494	12,494	12,494	12,494	12,494	12,494	12,494	12,494	12,494	12,494	12,229	149,664
b. Amortization (f)		12,769	12,769	12,769	12,769	12,769	12,769	12,769	12,769	12,769	12,769	12,769	12,769	153,225
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		47,754	47,589	47,425	47,261	47,097	46,932	46,332	46,171	46,010	45,849	45,688	45,263	559,371

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
23 - SPCC - Spill Prevention, Control & Countermeasures														
Transmission														
1. Investments														
a. Expenditures/Additions		22,643	10,499	227,393	90,726	369,661	16,086	15,212	204,634	19,063	5,803	400,943	383,892	1,766,556
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)														
	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	1,393,224	
3a. Less: Accumulated Depreciation	366,681	368,714	370,748	372,781	374,815	376,848	378,882	380,915	382,949	384,982	387,016	389,049	391,083	
4. CWIP Non-Interest Bearing	718,161	740,805	751,303	978,697	1,069,423	1,439,084	1,455,171	1,470,382	1,675,016	1,694,079	1,699,882	2,100,825	2,484,717	
5. Net Investment (Lines 2 - 3 + 4)	1,744,704	1,765,314	1,773,779	1,999,139	2,087,832	2,455,459	2,469,512	2,482,691	2,685,291	2,702,320	2,706,090	3,105,000	3,486,858	
6. Average Net Investment														
		1,755,009	1,769,546	1,886,459	2,043,485	2,271,646	2,462,486	2,476,102	2,583,991	2,693,806	2,704,205	2,905,545	3,295,929	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		9,452	9,531	10,160	11,006	12,235	13,263	13,034	13,602	14,180	14,234	15,294	17,349	153,341
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1,962	1,978	2,109	2,284	2,539	2,753	2,744	2,863	2,985	2,997	3,220	3,652	32,085
8. Investment Expenses														
a. Depreciation (e)		2,033	2,033	2,033	2,033	2,033	2,033	2,033	2,033	2,033	2,033	2,033	2,033	24,402
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)														
		13,448	13,542	14,303	15,324	16,808	18,049	17,811	18,498	19,198	19,264	20,547	23,035	209,827

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
24 - Manatee Reburn Peaking														
1. Investments														
a. Expenditures/Additions		0	0	1,032	0	0	26,815	25,856	(47,785)	0	0	17,667	(98,824)	(75,239)
b. Clearings to Plant		0	0	0	0	0	0	0	110,395	3,469	2,805	0	149,304	265,973
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	31,581,736	31,581,736	31,581,736	31,581,736	31,581,736	31,581,736	31,581,736	31,581,736	31,692,131	31,695,600	31,698,405	31,698,405	31,847,709	
3a. Less: Accumulated Depreciation	9,903,555	10,030,126	10,156,698	10,283,270	10,409,842	10,536,414	10,662,986	10,789,558	10,916,359	11,043,397	11,170,448	11,297,505	11,424,851	
4. CWIP Non-Interest Bearing	75,239	75,239	75,239	76,270	76,270	76,270	103,086	128,941	81,157	81,157	81,157	98,824	(0)	
5. Net Investment (Lines 2 - 3 + 4)	21,753,420	21,626,848	21,500,276	21,374,736	21,248,164	21,121,592	21,021,836	20,921,120	20,856,929	20,733,359	20,609,113	20,499,723	20,422,858	
6. Average Net Investment		21,690,134	21,563,562	21,437,506	21,311,450	21,184,878	21,071,714	20,971,478	20,889,024	20,795,144	20,671,236	20,554,418	20,461,291	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		116,823	116,141	115,462	114,783	114,101	113,492	110,390	109,956	109,462	108,810	108,195	107,704	1,345,317
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		24,245	24,104	23,963	23,822	23,680	23,554	23,238	23,147	23,043	22,906	22,776	22,673	281,152
8. Investment Expenses														
a. Depreciation (e)		126,572	126,572	126,572	126,572	126,572	126,572	126,572	126,801	127,038	127,051	127,057	127,346	1,521,296
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		267,640	266,816	265,997	265,177	264,354	263,618	260,200	259,904	259,543	258,766	258,028	257,723	3,147,766

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
26 - UST Remove/Replacement														
General														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	115,447	115,447	115,447	115,447	115,447	115,447	115,447	115,447	115,447	115,447	115,447	115,447	115,447	
3a. Less: Accumulated Depreciation	49,440	49,584	49,728	49,872	50,017	50,161	50,305	50,450	50,594	50,738	50,883	51,027	51,171	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	66,007	65,863	65,719	65,574	65,430	65,286	65,141	64,997	64,853	64,708	64,564	64,420	64,275	
6. Average Net Investment		65,935	65,791	65,646	65,502	65,358	65,213	65,069	64,925	64,781	64,636	64,492	64,348	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		355	354	354	353	352	351	343	342	341	340	339	339	4,163
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		74	74	73	73	73	73	72	72	72	72	71	71	870
8. Investment Expenses														
a. Depreciation (e)		144	144	144	144	144	144	144	144	144	144	144	144	1,732
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		573	572	571	570	569	568	559	558	557	556	555	554	6,764

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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28 - CWA 316(b) Phase II Rule														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		13	0	483	13	0	0	0	4,158	0	0	0	0	4,666
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	766,645	766,657	766,657	767,140	767,152	767,152	767,152	767,152	771,310	771,310	771,310	771,310	771,310	
3a. Less: Accumulated Depreciation	4,092	5,810	7,529	9,248	10,968	12,687	14,407	16,127	17,851	19,580	21,309	23,038	24,767	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	762,553	760,847	759,129	757,892	756,185	754,465	752,745	751,026	753,459	751,730	750,001	748,272	746,543	
6. Average Net Investment		761,700	759,988	758,510	757,038	755,325	753,605	751,886	752,243	752,595	750,866	749,137	747,408	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		4,102	4,093	4,085	4,077	4,068	4,059	3,958	3,960	3,962	3,952	3,943	3,934	48,194
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		851	850	848	846	844	842	833	834	834	832	830	828	10,073
8. Investment Expenses														
a. Depreciation (e)		1,719	1,719	1,719	1,720	1,720	1,720	1,720	1,724	1,729	1,729	1,729	1,729	20,676
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	6,673	6,661	6,652	6,643	6,632	6,621	6,611	6,511	6,518	6,524	6,513	6,502	6,491	78,943

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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31 - Clean Air Interstate Rule (CAIR) Compliance														
Base														
1. Investments														
a. Expenditures/Additions		0	13,449	10,870	156,419	129,109	167,583	47,806	395,966	20,034	32,166	24,479	(997,880)	0
b. Clearings to Plant		(55,155,627)	0	0	0	0	0	0	0	0	0	0	1,056,447	(54,099,180)
c. Retirements		(55,172,833)	0	0	0	0	0	0	0	0	0	0	0	(55,172,833)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	412,029,045	356,873,418	356,873,418	356,873,418	356,873,418	356,873,418	356,873,418	356,873,418	356,873,418	356,873,418	356,873,418	356,873,418	357,929,865	
3a. Less: Accumulated Depreciation	58,723,930	59,514,959	60,306,005	61,097,051	61,888,097	62,679,142	63,470,188	64,261,234	65,052,279	65,843,325	66,634,371	67,425,417	68,217,484	
3b. Less: Capital Recovery Unamortized Balance	0	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	(55,172,833)	
4. CWIP Non-Interest Bearing	0	0	13,449	24,319	180,738	309,847	477,430	525,236	921,202	941,235	973,401	997,880	0	
5. Net Investment (Lines 2 - 3 + 4)	353,305,115	352,531,292	351,753,695	350,973,519	350,338,893	349,676,956	349,053,493	348,310,253	347,915,173	347,144,161	346,385,281	345,618,714	344,885,214	
6. Average Net Investment		352,918,203	352,142,493	351,363,607	350,656,206	350,007,924	349,365,224	348,681,873	348,112,713	347,529,667	346,764,721	346,001,998	345,251,964	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,900,809	1,896,631	1,892,436	1,888,626	1,885,134	1,881,673	1,835,396	1,832,400	1,829,331	1,825,305	1,821,290	1,817,342	22,306,373
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		394,492	393,625	392,754	391,964	391,239	390,520	386,374	385,744	385,098	384,250	383,405	382,574	4,662,038
8. Investment Expenses														
a. Depreciation (e)		791,029	791,046	791,046	791,046	791,046	791,046	791,046	791,046	791,046	791,046	791,046	792,067	9,493,553
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		3,086,330	3,081,301	3,076,236	3,071,635	3,067,419	3,063,239	3,012,816	3,009,190	3,005,475	3,000,601	2,995,741	2,991,983	36,461,964

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
31 - Clean Air Interstate Rule (CAIR) Compliance														
Distribution														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	1,313	
3a. Less: Accumulated Depreciation	359	362	364	367	370	373	376	379	381	384	387	390	393	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	954	951	948	945	943	940	937	934	931	928	926	923	920	
6. Average Net Investment		952	950	947	944	941	938	936	933	930	927	924	921	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		5	5	5	5	5	5	5	5	5	5	5	5	60
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1	1	1	1	1	1	1	1	1	1	1	1	13
8. Investment Expenses														
a. Depreciation (e)		3	3	3	3	3	3	3	3	3	3	3	3	34
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	9	9	9	9	9	9	9	9	9	9	9	9	9	106

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
31 - Clean Air Interstate Rule (CAIR) Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	(163,737)	(163,737)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(163,737)	(163,737)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,442,067	1,278,330	
3a. Less: Accumulated Depreciation	308,182	311,092	314,002	316,913	319,823	322,733	325,644	328,554	331,464	334,374	337,285	340,195	179,131	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	1,133,885	1,130,975	1,128,064	1,125,154	1,122,244	1,119,334	1,116,423	1,113,513	1,110,603	1,107,692	1,104,782	1,101,872	1,099,199	
6. Average Net Investment		1,132,430	1,129,520	1,126,609	1,123,699	1,120,789	1,117,878	1,114,968	1,112,058	1,109,148	1,106,237	1,103,327	1,100,535	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		6,099	6,084	6,068	6,052	6,037	6,021	5,869	5,854	5,838	5,823	5,808	5,793	71,345
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1,266	1,263	1,259	1,256	1,253	1,250	1,235	1,232	1,229	1,226	1,223	1,220	14,911
8. Investment Expenses														
a. Depreciation (e)		2,910	2,910	2,910	2,910	2,910	2,910	2,910	2,910	2,910	2,910	2,910	2,673	34,686
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		10,275	10,256	10,237	10,219	10,200	10,181	10,015	9,996	9,978	9,959	9,941	9,685	120,942

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
31 - Clean Air Interstate Rule (CAIR) Compliance Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	(4,175)	0	0	0	0	(55,347,282)	(55,351,457)
c. Retirements		0	0	0	0	0	0	(4,175)	0	0	0	0	(55,347,282)	(55,351,457)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	111,241,707	111,241,707	111,241,707	111,241,707	111,241,707	111,241,707	111,241,707	111,237,532	111,237,532	111,237,532	111,237,532	111,237,532	55,890,251	
3a. Less: Accumulated Depreciation	24,185,617	24,603,293	25,020,968	25,438,643	25,856,318	26,273,993	26,691,668	27,105,160	27,522,818	27,940,476	28,358,133	28,775,791	(26,256,279)	
3b. Less: Capital Recovery Unamortized Balance	(69,386)	(68,744)	(68,101)	(67,459)	(66,817)	(66,174)	(65,532)	(64,889)	(64,247)	(63,604)	(62,962)	(62,319)	(61,677)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	87,125,476	86,707,159	86,288,841	85,870,523	85,452,206	85,033,888	84,615,570	84,197,261	83,778,961	83,360,661	82,942,360	82,524,060	82,208,206	
6. Average Net Investment		86,916,317	86,498,000	86,079,682	85,661,364	85,243,047	84,824,729	84,406,416	83,988,111	83,569,811	83,151,511	82,733,210	82,366,133	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		468,129	465,876	463,623	461,370	459,117	456,864	444,300	442,098	439,896	437,694	435,492	433,560	5,408,019
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		97,155	96,687	96,220	95,752	95,285	94,817	93,531	93,067	92,604	92,140	91,677	91,270	1,130,205
8. Investment Expenses														
a. Depreciation (e)		417,675	417,675	417,675	417,675	417,675	417,675	417,666	417,658	417,658	417,658	417,658	315,212	4,909,560
b. Amortization (f)		642	642	642	642	642	642	642	642	642	642	642	642	7,710
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		983,602	980,881	978,161	975,440	972,719	969,999	956,139	953,465	950,800	948,135	945,469	840,684	11,455,494

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
33 - MATS Project														
Base														
1. Investments														
a. Expenditures/Additions		0	4	82,517	1,014,501	158,653	424,313	108,514	27,483	14,044	103,830	(13,387)	(1,920,472)	0
b. Clearings to Plant		(88,160)	0	0	0	0	0	0	0	0	0	0	1,919,997	1,831,837
c. Retirements		(88,162)	0	0	0	0	0	0	0	0	0	0	0	(88,162)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	107,495,932	107,407,772	107,407,772	107,407,772	107,407,772	107,407,772	107,407,772	107,407,772	107,407,772	107,407,772	107,407,772	107,407,772	109,327,769	
3a. Less: Accumulated Depreciation	21,614,380	21,864,586	22,114,793	22,364,999	22,615,206	22,865,412	23,115,619	23,365,825	23,616,031	23,866,238	24,116,444	24,366,651	24,619,089	
3b. Less: Capital Recovery Unamortized Balance	0	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	(88,162)	
4. CWIP Non-Interest Bearing	0	0	4	82,521	1,097,022	1,255,675	1,679,988	1,788,502	1,815,985	1,830,029	1,933,859	1,920,472	0	
5. Net Investment (Lines 2 - 3 + 4)	85,881,552	85,631,348	85,381,145	85,213,456	85,977,750	85,886,197	86,060,303	85,918,611	85,695,888	85,459,725	85,313,349	85,049,755	84,796,842	
6. Average Net Investment		85,756,450	85,506,246	85,297,301	85,595,603	85,931,974	85,973,250	85,989,457	85,807,249	85,577,806	85,386,537	85,181,552	84,923,299	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		461,882	460,535	459,409	461,016	462,828	463,050	452,632	451,673	450,466	449,459	448,380	447,020	5,468,349
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		95,859	95,579	95,345	95,679	96,055	96,101	95,285	95,083	94,829	94,617	94,390	94,104	1,142,924
8. Investment Expenses														
a. Depreciation (e)		250,206	250,206	250,206	250,206	250,206	250,206	250,206	250,206	250,206	250,206	250,206	252,438	3,004,709
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		807,947	806,320	804,961	806,901	809,089	809,357	798,124	796,963	795,501	794,282	792,976	793,562	9,615,982

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. - Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. - Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. - Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
34 - St Lucie Cooling Water System Inspection & Maintenance														
Base														
1. Investments														
a. Expenditures/Additions		0	0	0	2,105	0	(50,770)	0	0	0	0	0	0	(48,666)
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3a. Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4. CWIP Non-Interest Bearing	4,498,509	4,498,509	4,498,509	4,498,509	4,500,614	4,500,614	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	
5. Net Investment (Lines 2 - 3 + 4)	4,498,509	4,498,509	4,498,509	4,498,509	4,500,614	4,500,614	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	
6. Average Net Investment		4,498,509	4,498,509	4,498,509	4,499,561	4,500,614	4,475,229	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	4,449,844	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		24,229	24,229	24,229	24,235	24,240	24,103	23,423	23,423	23,423	23,423	23,423	23,423	285,804
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		5,028	5,028	5,028	5,030	5,031	5,002	4,931	4,931	4,931	4,931	4,931	4,931	59,733
8. Investment Expenses														
a. Depreciation (e)		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		29,257	29,257	29,257	29,264	29,271	29,106	28,354	28,354	28,354	28,354	28,354	28,354	345,537

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018

FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
35 - Martin Plant Drinking Water System Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	(134,173)	(134,173)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(134,173)	(134,173)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)														
	134,173	134,173	134,173	134,173	134,173	134,173	134,173	134,173	134,173	134,173	134,173	134,173	0	
3a. Less: Accumulated Depreciation	25,252	25,534	25,816	26,097	26,379	26,661	26,943	27,224	27,506	27,788	28,070	28,351	(105,681)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	108,921	108,639	108,357	108,076	107,794	107,512	107,230	106,949	106,667	106,385	106,103	105,822	105,681	
6. Average Net Investment														
		108,780	108,498	108,217	107,935	107,653	107,371	107,090	106,808	106,526	106,244	105,963	105,751	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		586	584	583	581	580	578	564	562	561	559	558	557	6,853
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		122	121	121	121	120	120	119	118	118	118	117	117	1,432
8. Investment Expenses														
a. Depreciation (e)		282	282	282	282	282	282	282	282	282	282	282	141	3,240
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)														
		989	987	986	984	982	980	964	962	961	959	957	815	11,525

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
35 - Martin Plant Drinking Water System Compliance														
Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	(101,218)	(101,218)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(101,218)	(101,218)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	101,218	101,218	101,218	101,218	101,218	101,218	101,218	101,218	101,218	101,218	101,218	101,218	0	
3a. Less: Accumulated Depreciation	19,050	19,262	19,475	19,687	19,900	20,113	20,325	20,538	20,750	20,963	21,175	21,388	(79,724)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	82,168	81,956	81,743	81,531	81,318	81,106	80,893	80,681	80,468	80,255	80,043	79,830	79,724	
6. Average Net Investment		82,062	81,850	81,637	81,425	81,212	80,999	80,787	80,574	80,362	80,149	79,937	79,777	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		442	441	440	439	437	436	425	424	423	422	421	420	5,170
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		92	91	91	91	91	91	90	89	89	89	89	88	1,080
8. Investment Expenses														
a. Depreciation (e)		213	213	213	213	213	213	213	213	213	213	213	106	2,444
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		746	745	744	742	741	739	727	726	725	723	722	615	8,695

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
36 - Low-Level Radioactive Waste Storage Base														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	17,456,804	
3a. Less: Accumulated Depreciation	1,543,536	1,583,495	1,623,454	1,663,413	1,703,372	1,743,330	1,783,289	1,823,248	1,863,207	1,903,166	1,943,124	1,983,083	2,023,042	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	15,913,267	15,873,308	15,833,350	15,793,391	15,753,432	15,713,473	15,673,514	15,633,556	15,593,597	15,553,638	15,513,679	15,473,720	15,433,762	
6. Average Net Investment		15,893,288	15,853,329	15,813,370	15,773,411	15,733,453	15,693,494	15,653,535	15,613,576	15,573,617	15,533,659	15,493,700	15,453,741	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		85,601	85,386	85,170	84,955	84,740	84,525	82,397	82,187	81,977	81,766	81,556	81,346	1,001,606
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		17,766	17,721	17,676	17,632	17,587	17,542	17,346	17,301	17,257	17,213	17,169	17,124	209,333
8. Investment Expenses														
a. Depreciation (e)		39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	39,959	479,506
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		143,325	143,065	142,805	142,546	142,286	142,026	139,702	139,447	139,193	138,938	138,683	138,429	1,690,444

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. - Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. - Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. - Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
37 - DeSoto Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		515	(408)	0	481	(5,433)	(4,064)	1,457	493	68	3,335	0	0	(3,556)
c. Retirements		0	0	0	0	(5,433)	(4,064)	0	0	0	0	0	0	(9,497)
d. Other (a)		15	0	0	0	0	0	0	0	0	0	0	0	15
2. Plant-In-Service/Depreciation Base (b)	153,531,698	153,532,213	153,531,805	153,531,805	153,532,286	153,526,853	153,522,789	153,524,246	153,524,739	153,524,807	153,528,141	153,528,141	153,528,141	
3a. Less: Accumulated Depreciation	41,402,609	41,847,900	42,293,182	42,738,463	43,183,744	43,623,561	44,064,690	44,509,879	44,955,096	45,400,320	45,845,565	46,290,830	46,736,095	
4. CWIP Non-Interest Bearing	1	1	1	1	1	1	1	1	1	1	1	1	1	
5. Net Investment (Lines 2 - 3 + 4)	112,129,090	111,684,313	111,238,623	110,793,343	110,348,542	109,903,292	109,458,099	109,014,367	108,569,644	108,124,487	107,682,577	107,237,312	106,792,047	
6. Average Net Investment		111,906,701	111,461,468	111,015,983	110,570,942	110,125,917	109,680,696	109,236,233	108,792,005	108,347,065	107,903,532	107,459,945	107,014,680	
a. Average ITC Balance		31,920,369	31,798,303	31,676,237	31,554,171	31,432,105	31,310,039	31,187,973	31,065,907	30,943,841	30,821,775	30,699,709	30,577,643	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		664,438	661,804	659,169	656,536	653,903	651,269	636,423	633,844	631,261	628,686	626,111	623,527	7,726,971
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		135,055	134,519	133,983	133,447	132,912	132,376	129,890	129,363	128,835	128,309	127,783	127,255	1,573,726
8. Investment Expenses														
a. Depreciation (e)		433,090	433,094	433,094	433,094	433,063	433,006	433,002	433,029	433,037	433,058	433,078	433,078	5,196,724
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		12,187	12,187	12,187	12,187	12,187	12,187	12,187	12,187	12,187	12,187	12,187	12,187	146,244
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(160,395)	(1,924,740)
9. Total System Recoverable Costs (Lines 7 & 8)		1,084,375	1,081,210	1,078,038	1,074,870	1,071,670	1,068,443	1,051,107	1,048,028	1,044,926	1,041,845	1,038,764	1,035,651	12,718,925

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
38 - Space Coast Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	(14,106)	0	3,767	0	0	0	0	0	0	(10,339)
c. Retirements		0	0	0	(14,106)	0	0	0	0	0	0	0	0	(14,106)
d. Other (a)		0	0	0	0	0	3,767	0	0	0	0	0	0	3,767
2. Plant-In-Service/Depreciation Base (b)	70,601,750	70,601,750	70,601,750	70,601,750	70,587,644	70,587,644	70,591,411	70,591,411	70,591,411	70,591,411	70,591,411	70,591,411	70,591,411	
3a. Less: Accumulated Depreciation	18,268,753	18,468,794	18,668,835	18,868,876	19,054,727	19,254,600	19,458,245	19,658,129	19,858,013	20,057,897	20,257,781	20,457,664	20,657,548	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	52,332,997	52,132,956	51,932,915	51,732,874	51,532,917	51,333,044	51,133,166	50,933,282	50,733,398	50,533,514	50,333,631	50,133,747	49,933,863	
6. Average Net Investment		52,232,976	52,032,935	51,832,894	51,632,895	51,432,981	51,233,105	51,033,224	50,833,340	50,633,456	50,433,572	50,233,689	50,033,805	
a. Average ITC Balance		13,667,331	13,616,142	13,564,953	13,513,764	13,462,575	13,411,386	13,360,197	13,309,008	13,257,819	13,206,630	13,155,441	13,104,252	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		307,748	306,572	305,396	304,220	303,044	301,868	294,942	293,789	292,636	291,483	290,330	289,177	3,581,204
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		62,653	62,413	62,174	61,934	61,695	61,455	60,339	60,103	59,867	59,631	59,395	59,159	730,818
8. Investment Expenses														
a. Depreciation (e)		195,649	195,649	195,649	195,565	195,481	195,486	195,492	195,492	195,492	195,492	195,492	195,492	2,346,430
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		4,392	4,392	4,392	4,392	4,392	4,392	4,392	4,392	4,392	4,392	4,392	4,392	52,704
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(67,263)	(807,156)
9. Total System Recoverable Costs (Lines 7 & 8)		503,179	501,763	500,347	498,848	497,349	495,939	487,901	486,512	485,123	483,734	482,345	480,956	5,903,999

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
39 - Martin Next Generation Solar Energy Center														
Intermediate														
1. Investments														
a. Expenditures/Additions		(1,389,457)	194,012	62,949	165,322	107,700	167,888	132,747	183,833	101,367	562,727	272,318	(1,211,564)	(650,159)
b. Clearings to Plant		479,622	(171,344)	0	(20,729)	0	0	(413)	45,300	0	1,058	46,356	1,120,668	1,500,519
c. Retirements		(1,010,743)	0	0	(18,108)	0	0	(11,178)	(4,910)	0	0	0	(424,603)	(1,469,542)
d. Other (a)		54,994	(85)	(7,015)	(9,974)	(5,600)	(7,295)	(9,826)	(12,617)	(3,753)	(23,825)	(56,799)	(28,476)	(110,272)
2. Plant-In-Service/Depreciation Base (b)														
	424,394,815	424,874,437	424,703,094	424,703,094	424,682,365	424,682,365	424,682,365	424,681,953	424,727,253	424,727,253	424,728,310	424,774,666	425,895,334	
3a. Less: Accumulated Depreciation	91,249,931	91,366,657	92,439,416	93,505,040	94,549,486	95,616,303	96,681,424	97,732,757	98,787,518	99,856,085	100,904,580	101,920,159	102,540,857	
4. CWIP Non-Interest Bearing	1,854,924	465,467	659,478	722,427	887,750	995,449	1,163,337	1,296,084	1,479,917	1,581,284	2,144,011	2,416,330	1,204,765	
5. Net Investment (Lines 2 - 3 + 4)	334,999,808	333,973,247	332,923,157	331,920,482	331,020,629	330,061,512	329,164,278	328,245,279	327,419,651	326,452,451	325,967,741	325,270,837	324,559,243	
6. Average Net Investment														
a. Average ITC Balance		334,486,528	333,448,202	332,421,819	331,470,555	330,541,071	329,612,895	328,704,778	327,832,465	326,936,051	326,210,096	325,619,289	324,915,040	
		94,472,353	94,128,555	93,784,757	93,440,959	93,097,161	92,753,363	92,409,565	92,065,767	91,721,969	91,378,171	91,034,373	90,690,575	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,984,179	1,977,922	1,971,729	1,965,941	1,960,270	1,954,606	1,912,238	1,906,969	1,901,573	1,897,075	1,893,288	1,888,904	23,214,693
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		403,383	402,115	400,861	399,690	398,544	397,399	390,445	389,381	388,290	387,388	386,636	385,758	4,729,891
8. Investment Expenses														
a. Depreciation (e)		1,022,919	1,023,289	1,023,084	1,022,973	1,022,862	1,022,862	1,022,782	1,022,733	1,022,764	1,022,766	1,022,822	1,024,222	12,276,079
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		49,555	49,555	49,555	49,555	49,555	49,555	49,555	49,555	49,555	49,555	49,555	49,555	594,660
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(451,751)	(5,421,012)
9. Total System Recoverable Costs (Lines 7 & 8)	3,008,286	3,001,131	2,993,478	2,986,408	2,979,480	2,972,671	2,923,269	2,916,887	2,910,432	2,905,033	2,900,550	2,896,688	35,394,311	

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
41 - Manatee Temporary Heating System Distribution														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	1,417,015	
3a. Less: Accumulated Depreciation	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	1,189,310	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	
6. Average Net Investment		227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	227,705	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,226	1,226	1,226	1,226	1,226	1,226	1,199	1,199	1,199	1,199	1,199	1,199	14,550
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		255	255	255	255	255	255	252	252	252	252	252	252	3,041
8. Investment Expenses														
a. Depreciation (e)		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		1,481	1,481	1,481	1,481	1,481	1,481	1,451	1,451	1,451	1,451	1,451	1,451	17,591

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
41 - Manatee Temporary Heating System														
Intermediate														
1. Investments														
a. Expenditures/Additions		37,435	724,744	263,183	470,974	527,001	1,023,893	782,857	747,082	1,996,767	175,067	491,787	2,916,094	10,156,884
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	4,042,459	
3a. Less: Accumulated Depreciation	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	4,041,596	
4. CWIP Non-Interest Bearing	1,160,691	1,198,127	1,922,871	2,186,054	2,657,028	3,184,029	4,207,921	4,990,778	5,737,860	7,734,627	7,909,695	8,401,482	11,317,575	
5. Net Investment (Lines 2 - 3 + 4)	1,161,554	1,198,990	1,923,734	2,186,917	2,657,891	3,184,892	4,208,785	4,991,641	5,738,723	7,735,490	7,910,558	8,402,345	11,318,439	
6. Average Net Investment		1,180,272	1,561,362	2,055,325	2,422,404	2,921,391	3,696,838	4,600,213	5,365,182	6,737,107	7,823,024	8,156,451	9,860,392	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		6,357	8,409	11,070	13,047	15,735	19,911	24,215	28,241	35,463	41,179	42,934	51,903	298,464
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		1,319	1,745	2,297	2,708	3,266	4,132	5,097	5,945	7,465	8,669	9,038	10,926	62,609
8. Investment Expenses														
a. Depreciation (e)		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	7,676	10,155	13,367	15,755	19,000	24,043	29,312	34,186	42,928	49,848	51,972	62,830	361,073	

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
41 - Manatee Temporary Heating System														
Transmission														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	
3a. Less: Accumulated Depreciation	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	276,404	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5. Net Investment (Lines 2 - 3 + 4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6. Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		0	0	0	0	0	0	0	0	0	0	0	0	0
8. Investment Expenses														
a. Depreciation (e)		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
42 - Turkey Point Cooling Canal Monitoring Plan														
Base														
1. Investments														
a. Expenditures/Additions		2,130,441	1,339,344	1,306,076	1,187,791	(21,847,416)	396,136	83,162	327,579	468,201	301,715	660,846	1,235,516	(12,410,610)
b. Clearings to Plant		0	0	0	0	22,638,992	398,077	68,916	(253,054)	71,214	38,329	(38,873)	(2,157)	22,921,445
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	17,066,101	17,066,101	17,066,101	17,066,101	17,066,101	39,705,092	40,103,170	40,172,086	39,919,032	39,990,247	40,028,576	39,989,703	39,987,546	
3a. Less: Accumulated Depreciation	1,083,820	1,128,334	1,172,848	1,217,363	1,261,877	1,335,916	1,439,999	1,544,691	1,649,144	1,753,359	1,857,716	1,962,074	2,066,377	
4. CWIP Non-Interest Bearing	19,376,111	21,506,553	22,845,896	24,151,972	25,339,763	3,492,347	3,888,483	3,971,644	4,299,223	4,767,424	5,069,139	5,729,985	6,965,501	
5. Net Investment (Lines 2 - 3 + 4)	35,358,392	37,444,319	38,739,149	40,000,710	41,143,987	41,861,524	42,551,654	42,599,039	42,569,112	43,004,312	43,239,999	43,757,615	44,886,669	
6. Average Net Investment		36,401,355	38,091,734	39,369,929	40,572,349	41,502,755	42,206,589	42,575,346	42,584,076	42,786,712	43,122,156	43,498,807	44,322,142	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		196,057	205,161	212,045	218,522	223,533	227,324	224,109	224,155	225,221	226,987	228,970	233,303	2,645,386
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		40,689	42,579	44,008	45,352	46,392	47,179	47,178	47,187	47,412	47,784	48,201	49,113	553,073
8. Investment Expenses														
a. Depreciation (e)		44,514	44,514	44,514	44,514	74,039	104,083	104,692	104,452	104,215	104,358	104,357	104,304	982,557
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		281,260	292,254	300,567	308,388	343,964	378,585	375,979	375,794	376,848	379,129	381,528	386,721	4,181,017

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
JANUARY 2018 THROUGH DECEMBER 2018

FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
44 - Martin Plant Barley Barber Swamp Iron Mitigation														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	93,890	93,890	93,890	93,890	93,890	93,890	93,890	93,890	93,890	93,890	93,890	93,890	93,890	
3a. Less: Accumulated Depreciation	13,261	13,458	13,656	13,853	14,050	14,247	14,444	14,641	14,839	15,036	15,233	15,430	15,627	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	80,628	80,431	80,234	80,037	79,840	79,642	79,445	79,248	79,051	78,854	78,657	78,459	78,262	
6. Average Net Investment		80,530	80,333	80,135	79,938	79,741	79,544	79,347	79,150	78,952	78,755	78,558	78,361	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		434	433	432	431	429	428	418	417	416	415	414	412	5,077
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		90	90	90	89	89	89	88	88	87	87	87	87	1,061
8. Investment Expenses														
a. Depreciation (e)		197	197	197	197	197	197	197	197	197	197	197	197	2,366
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		721	720	718	717	716	715	703	702	700	699	698	696	8,504

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
44 - Martin Plant Barley Barber Swamp Iron Mitigation Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	70,829	70,829	70,829	70,829	70,829	70,829	70,829	70,829	70,829	70,829	70,829	70,829	70,829	
3a. Less: Accumulated Depreciation	10,004	10,153	10,302	10,450	10,599	10,748	10,897	11,045	11,194	11,343	11,492	11,640	11,789	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	60,825	60,676	60,527	60,379	60,230	60,081	59,932	59,784	59,635	59,486	59,337	59,189	59,040	
6. Average Net Investment		60,751	60,602	60,453	60,304	60,156	60,007	59,858	59,709	59,561	59,412	59,263	59,114	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		327	326	326	325	324	323	315	314	314	313	312	311	3,830
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		68	68	68	67	67	67	66	66	66	66	66	66	800
8. Investment Expenses														
a. Depreciation (e)		149	149	149	149	149	149	149	149	149	149	149	149	1,785
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		544	543	542	541	540	539	530	529	528	527	526	525	6,415

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD
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FORM 42-8A

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
45 - 800 MW Unit ESP														
Intermediate														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b. Clearings to Plant		0	0	0	(866)	0	0	0	0	0	0	0	0	(866)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)	64,624	64,624	64,624	64,624	63,759	63,759	63,759	63,759	63,759	63,759	63,759	63,759	63,759	
3a. Less: Accumulated Depreciation	6,746	7,156	7,567	7,977	8,385	8,790	9,194	9,599	10,004	10,409	10,814	11,219	11,624	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5. Net Investment (Lines 2 - 3 + 4)	57,878	57,468	57,057	56,647	55,374	54,969	54,564	54,159	53,754	53,349	52,945	52,540	52,135	
6. Average Net Investment		57,673	57,263	56,852	56,010	55,171	54,766	54,362	53,957	53,552	53,147	52,742	52,337	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		311	308	306	302	297	295	286	284	282	280	278	275	3,504
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		64	64	64	63	62	61	60	60	59	59	58	58	732
8. Investment Expenses														
a. Depreciation (e)		410	410	410	408	405	405	405	405	405	405	405	405	4,878
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)		785	783	780	772	764	761	751	749	746	744	741	738	9,114

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
45 - 800 MW Unit ESP Peaking														
1. Investments														
a. Expenditures/Additions		0	0	0	0	0	120	4,079	1,222	13,711	22,473	693,527	(658,250)	76,881
b. Clearings to Plant		0	0	0	(2,099)	(6)	0	0	(31,212)	0	0	0	(106,935,778)	(106,969,095)
c. Retirements		0	0	0	0	0	0	0	0	0	0	0	(107,673,339)	(107,673,339)
d. Other (a)		0	0	0	0	(6)	(1)	(46)	750	(154)	(253)	(7,806)	(31)	(7,546)
2. Plant-In-Service/Depreciation Base (b)	214,839,789	214,839,789	214,839,789	214,839,789	214,837,689	214,837,684	214,837,684	214,837,684	214,806,471	214,806,471	214,806,471	214,806,471	107,870,694	
3a. Less: Accumulated Depreciation	27,172,649	28,000,810	28,828,971	29,657,132	30,485,287	31,313,431	32,141,580	32,969,684	33,798,528	34,626,411	35,454,197	36,274,428	(70,770,312)	
4. CWIP Non-Interest Bearing	0	0	0	0	0	0	120	4,199	5,420	19,132	41,604	735,132	76,881	
5. Net Investment (Lines 2 - 3 + 4)	187,667,140	186,838,979	186,010,818	185,182,657	184,352,402	183,524,252	182,696,223	181,872,198	181,013,364	180,199,192	179,393,879	179,267,175	178,717,887	
6. Average Net Investment		187,253,059	186,424,898	185,596,737	184,767,529	183,938,327	183,110,238	182,284,211	181,442,781	180,606,278	179,796,535	179,330,527	178,992,531	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		1,008,540	1,004,080	999,619	995,153	990,687	986,227	959,510	955,081	950,678	946,415	943,962	942,183	11,682,138
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		209,311	208,386	207,460	206,533	205,606	204,681	201,989	201,057	200,130	199,233	198,716	198,342	2,441,443
8. Investment Expenses														
a. Depreciation (e)		828,161	828,161	828,161	828,155	828,150	828,150	828,150	828,094	828,038	828,038	828,038	628,629	9,737,924
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)	2,046,013	2,040,627	2,035,240	2,029,842	2,024,443	2,019,058	1,989,649	1,984,232	1,978,845	1,973,686	1,970,716	1,769,154	23,861,505	

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Jun. 2018 period is 4.8251%, based on May 2017

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. - Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. - Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the

Jul. - Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Total
54 - Coal Combustion Residuals														
Base														
1. Investments														
a. Expenditures/Additions		(3,589,212)	2,307,053	1,734,958	2,475,785	1,359,075	6,440,318	4,838,364	6,759,625	8,486,227	2,489,984	1,390,818	(38,274,387)	(3,581,392)
b. Clearings to Plant		(56,167)	(4,227)	0	(927)	5,154	0	0	0	0	0	0	(5,154)	(61,321)
c. Retirements		(56,167)	0	0	0	0	0	0	0	0	0	0	0	(56,167)
d. Other (a)		0	0	0	0	0	0	0	0	0	0	0	0	0
2. Plant-In-Service/Depreciation Base (b)														
	260,558	204,391	200,164	200,164	199,237	204,391	204,391	204,391	204,391	204,391	204,391	204,391	199,237	
3a. Less: Accumulated Depreciation	4,101	4,358	4,613	4,864	5,116	5,370	5,627	5,884	6,141	6,398	6,656	6,913	7,167	
3b. Less: Capital Recovery Unamortized Balance	0	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	(56,167)	
4. CWIP Non-Interest Bearing	24,187,348	20,598,136	22,905,189	24,640,147	27,115,931	28,475,006	34,915,324	39,753,688	46,513,313	54,999,541	57,489,525	58,880,343	20,605,956	
5. Net Investment (Lines 2 - 3 + 4)	24,443,805	20,854,336	23,156,908	24,891,613	27,366,220	28,730,195	35,170,256	40,008,363	46,767,730	55,253,700	57,743,427	59,133,988	20,854,193	
6. Average Net Investment														
		22,649,071	22,005,622	24,024,260	26,128,916	28,048,207	31,950,225	37,589,309	43,388,046	51,010,715	56,498,564	58,438,708	39,994,091	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		121,987	118,522	129,394	140,730	151,067	172,083	197,863	228,387	268,511	297,398	307,610	210,521	2,344,073
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		25,317	24,598	26,854	29,207	31,352	35,714	41,653	48,078	56,525	62,606	64,756	44,317	490,978
8. Investment Expenses														
a. Depreciation (e)		257	255	252	251	254	257	257	257	257	257	257	254	3,066
b. Amortization (f)		0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement (g)		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Property Expenses		0	0	0	0	0	0	0	0	0	0	0	0	0
e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9. Total System Recoverable Costs (Lines 7 & 8)														
		147,562	143,374	156,500	170,188	182,673	208,054	239,773	276,722	325,293	360,261	372,624	255,093	2,838,117

^(a) Applicable to reserve salvage and removal cost

^(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8A, pages 64-67.

^(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(d) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(e) Applicable depreciation rate or rates. See Form 42-8A, pages 64-67.

^(f) Applicable amortization period(s). See Form 42-8A, pages 64-67.

^(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

^(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2018 period of 6.557% based on the May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period of 6.480% based on the May 2018 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2018 period of 1.716% based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period of 1.670% based on the May 2018 Earning Surveillance Report.

ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM 42-8A

JANUARY 2018 THROUGH DECEMBER 2018

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Actual	July Actual	August Actual	September Actual	October Actual	November Actual	December Actual	Twelve Month Amount
1. Working Capital Dr (Cr)														
a. 158.100 Allowance Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. 158.200 Allowances Withheld	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. 182.300 Other Regulatory Assets-Losses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. 254.900 Other Regulatory Liabilities-Gains	(\$885)	(\$857)	(\$829)	(\$800)	(\$772)	(\$763)	(\$732)	(\$701)	(\$670)	(\$639)	(\$608)	(\$577)	(\$546)	(\$9,379)
2. Total Working Capital	(\$885)	(\$857)	(\$829)	(\$800)	(\$772)	(\$763)	(\$732)	(\$701)	(\$670)	(\$639)	(\$608)	(\$577)	(\$546)	(\$9,379)
3. Average Net Working Capital Balance		(\$871)	(\$843)	(\$815)	(\$786)	(\$767)	(\$747)	(\$716)	(\$685)	(\$654)	(\$623)	(\$592)	(\$561)	
4. Return on Average Net Working Capital Balance														
a. Equity Component grossed up for taxes ^(a)		(\$5)	(\$5)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$3)	(\$3)	(\$3)	(\$3)	(\$46)
b. Debt Component ^(b)		(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$12)
5. Total Return Component ^(e)		(\$6)	(\$6)	(\$5)	(\$5)	(\$5)	(\$5)	(\$5)	(\$5)	(\$4)	(\$4)	(\$4)	(\$4)	(\$58)
6. Expense Dr (Cr)														
a. 411.800 Gains from Dispositions of Allowances		(\$28)	(\$28)	(\$28)	(\$28)	(\$28)	(\$31)	(\$31)	(\$31)	(\$31)	(\$31)	(\$31)	(\$31)	(\$358)
b. 411.900 Losses from Dispositions of Allowances		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. 509.000 Allowance Expense		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. Net Expense (Lines 6a+6b+6c) ^(f)		(\$28)	(\$28)	(\$28)	(\$28)	(\$28)	(\$31)	(\$31)	(\$31)	(\$31)	(\$31)	(\$31)	(\$31)	(\$358)
8. Total System Recoverable Expenses (Lines 5+7)		(34)	(34)	(33)	(33)	(33)	(36)	(36)	(36)	(35)	(35)	(35)	(35)	(\$416)
a. Recoverable Costs Allocated to Energy		(34)	(34)	(33)	(33)	(33)	(36)	(36)	(36)	(35)	(35)	(35)	(35)	(\$416)
b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Energy Jurisdictional Factor	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	94.89172%	
10. Demand Jurisdictional Factor	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	95.04658%	
11. Retail Energy-Related Recoverable Costs ^(c)		(\$33)	(\$33)	(\$32)	(\$32)	(\$32)	(\$34)	(\$34)	(\$34)	(\$33)	(\$33)	(\$33)	(\$33)	(\$395)
12. Retail Demand-Related Recoverable Costs ^(d)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13. Total Jurisdictional Recoverable Costs (Lines 11+12)		(\$33)	(\$33)	(\$32)	(\$32)	(\$32)	(\$34)	(\$34)	(\$34)	(\$33)	(\$33)	(\$33)	(\$33)	(\$395)

^(a) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2018 period is 4.8251%, based on May 2017 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2018 period is 4.7156% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity.

^(b) The Debt Component for the Jan. – Jun. 2018 period is 1.3413% is based on the May 2017 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2018 period is 1.3297% based on the May 2018 Earning Surveillance Report.

^(c) Line 8a times Line 9

^(d) Line 8b times Line 10

^(e) Line 5 is reported on Capital Schedule

^(f) Line 7 is reported on O&M Schedule

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-8A

**Florida Power & Light Company
Environmental Cost Recovery Clause
2018 Annual Capital Depreciation Schedule**

Project	Function	Unit	Utility	DEPR RATE	Plant Balance December 2017	Plant Balance December 2018
002-LOW NOX BURNER TECHNOLOGY	02 - Steam Generation Plant	Turkey Pt U1	31200	0.00%	-	-
002-LOW NOX BURNER TECHNOLOGY Total					-	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee Comm	31200	7.62%	65,604.92	65,604.92
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee U1	31100	1.74%	56,430.25	56,430.25
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee U1	31200	4.64%	424,505.38	424,505.36
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee U2	31100	1.83%	56,332.75	56,332.75
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee U2	31200	4.99%	468,728.22	468,728.13
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin Comm	31200	4.45%	31,631.74	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin Comm	31650	5-Year	58,206.58	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin Comm	31670	7-Year	66,896.67	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin U1	31100	2.68%	36,810.86	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin U1	31200	4.53%	338,939.45	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin U2	31100	2.39%	36,845.37	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin U2	31200	4.64%	335,745.76	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Scherer U4	31200	2.79%	515,653.32	515,653.32
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	SJRPP - Comm	31100	1.09%	43,193.33	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	SJRPP U1	31200	2.12%	779.50	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	SJRPP U2	31200	2.35%	779.51	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Turkey Pt Comm	31100	0.00%	-	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Turkey Pt Comm	31200	0.00%	-	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Turkey Pt U1	31200	0.00%	-	-
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtLauderdale Comm	34100	2.20%	58,859.79	-
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtLauderdale Comm	34500	1.60%	34,502.21	-
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtLauderdale GTs	34300	8.25%	10,224.92	10,224.92
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtLauderdale U4	34300	4.11%	441,309.71	-
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtLauderdale U5	34300	5.00%	556,314.14	-
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtMyers U2	34300	3.46%	368,560.57	365,000.34
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtMyers U3 SC Peaker	34100	3.38%	-	6,098.03
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	FtMyers U3 SC Peaker	34300	4.54%	141,020.81	141,020.81
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Manatee U3	34300	3.35%	87,691.25	87,691.25
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin U3	34300	4.49%	499,128.93	627,875.39
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin U4	34300	3.92%	491,341.54	620,088.35
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin U8	34300	3.37%	13,693.21	13,693.21
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford U4	34300	4.00%	310,020.93	310,020.93
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford U5	34300	4.12%	273,035.03	273,035.00
003-CONTINUOUS EMISSION MONITORING Total					5,822,786.65	4,042,002.96
004-CLEAN CLOSURE EQUIVALENCY DEMONSTRATION	02 - Steam Generation Plant	Turkey Pt Comm	31100	0.00%	-	-
004-CLEAN CLOSURE EQUIVALENCY DEMONSTRATION Total					-	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee Comm	31100	3.17%	3,111,263.35	3,111,263.35
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee Comm	31200	7.62%	174,543.23	174,543.23
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee U1	31200	4.64%	104,845.35	104,845.35
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee U2	31200	4.99%	127,429.19	127,429.19
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin Comm	31100	2.52%	1,595,770.11	198,664.92
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin Comm	31200	4.45%	94,329.22	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin U1	31100	2.68%	261,417.03	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin U2	31100	2.39%	85,078.23	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	SJRPP - Comm	31100	1.09%	42,091.24	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	SJRPP - Comm	31200	1.44%	2,292.39	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Turkey Pt Comm	31100	0.00%	-	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	FtLauderdale Comm	34200	3.09%	898,110.65	898,110.65
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	FtLauderdale GTs	34200	4.73%	584,290.23	584,290.23
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	FtMyers GTs	34200	7.84%	133,478.89	133,478.89
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	FtMyers U3 SC Peaker	34200	3.58%	18,615.60	18,615.60
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Martin Comm	34200	2.42%	455,940.96	455,940.96
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	PtEverglades GTs	34200	0.00%	-	-
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	08 - General Plant	General Plant	39000	1.50%	5,837,840.00	5,837,840.00
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS Total					13,527,335.67	11,645,022.37
007-RELOCATE TURBINE LUBE OIL PIPING	03 - Nuclear Generation Plant	StLucie U1	32300	5.11%	31,030.00	31,030.00
007-RELOCATE TURBINE LUBE OIL PIPING Total					31,030.00	31,030.00
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee Comm	31100	3.17%	46,881.78	46,881.78

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Project	Function	Unit	Utility	DEPR RATE	Plant Balance December 2017	Plant Balance December 2018
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee Comm	31670	7-Year	21,346.98	21,346.98
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin Comm	31600	3.79%	23,107.32	-
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin Comm	31650	5-Year	116,547.00	116,547.00
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin Comm	31670	7-Year	339,743.26	298,813.38
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Turkey Pt Comm	31100	0.00%	-	-
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Turkey Pt Comm	31670	7-Year	-	-
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	FtLauderdale Comm	34100	2.20%	363,996.45	358,635.98
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	FtMyers Comm	34650	5-Year	-	-
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Sanford Comm	34100	2.40%	15,921.95	15,921.95
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	07 - Distribution Plant - Electric	Mass Distribution Plant	36670	2.00%	2,995.25	2,995.25
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	08 - General Plant	General Plant	39000	1.50%	4,412.76	4,412.76
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	08 - General Plant	General Plant	39190	3-Year	2,291.32	-
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT Total					937,244.07	865,555.08
010-REROUTE STORMWATER RUNOFF	03 - Nuclear Generation Plant	StLucie Comm	32100	2.25%	117,793.83	117,793.83
010-REROUTE STORMWATER RUNOFF Total					117,793.83	117,793.83
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer Comm	31100	1.51%	524,872.97	524,872.97
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer Comm	31200	2.23%	328,761.62	328,761.62
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer Comm	31400	2.08%	689.11	689.11
012-SCHERER DISCHARGE PIPELINE Total					854,323.70	854,323.70
020-WASTEWATER/STORMWATER DISCH ELIMINATION	02 - Steam Generation Plant	Martin U1	31200	4.53%	367,905.77	-
020-WASTEWATER/STORMWATER DISCH ELIMINATION	02 - Steam Generation Plant	Martin U2	31200	4.64%	403,670.92	-
020-WASTEWATER/STORMWATER DISCH ELIMINATION Total					771,576.69	-
021-ST.LUCIE TURTLE NETS	03 - Nuclear Generation Plant	StLucie Comm	32100	2.25%	6,909,558.56	6,909,558.56
021-ST.LUCIE TURTLE NETS Total					6,909,558.56	6,909,558.56
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Manatee Comm	31100	3.17%	601,216.93	601,216.93
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Martin Comm	31100	2.52%	2,271,574.33	2,271,574.33
022-PIPELINE INTEGRITY MANAGEMENT Total					2,872,791.26	2,872,791.26
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Manatee Comm	31100	3.17%	1,243,305.99	1,243,305.99
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Manatee Comm	31200	7.62%	33,272.38	33,272.38
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Manatee Comm	31500	2.34%	26,325.43	26,325.43
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Manatee U1	31200	4.64%	45,749.52	45,749.52
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Manatee U2	31200	4.99%	37,431.45	37,431.45
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Martin Comm	31100	2.52%	574,162.17	37,157.88
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Martin Comm	31500	3.57%	34,754.74	-
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	02 - Steam Generation Plant	Turkey Pt Comm	31100	0.00%	-	-
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	03 - Nuclear Generation Plant	StLucie U1	32300	5.11%	712,224.99	712,224.99
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	03 - Nuclear Generation Plant	StLucie U1	32400	3.20%	745,334.63	745,334.63
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	03 - Nuclear Generation Plant	StLucie U2	32300	3.86%	552,389.64	552,389.64
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	03 - Nuclear Generation Plant	Turkey Pt Comm	32100	3.13%	977,935.37	990,123.57
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	03 - Nuclear Generation Plant	Turkey Pt Comm	32570	7-Year	-	245,361.71
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtLauderdale Comm	34100	2.20%	189,219.17	189,219.17
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtLauderdale Comm	34200	3.09%	1,480,169.46	1,480,169.46
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtLauderdale Comm	34300	5.20%	28,250.00	28,250.00
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtLauderdale GTs	34100	4.18%	-	-
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtLauderdale GTs	34200	4.73%	513,250.07	513,250.07
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtMyers GTs	34100	7.40%	98,714.92	98,714.92
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtMyers GTs	34200	7.84%	629,983.29	629,983.29
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtMyers GTs	34500	7.77%	12,430.00	12,430.00
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtMyers U2	34300	3.46%	49,727.00	49,727.00
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	FtMyers U3 SC Peaker	34500	3.40%	12,430.00	12,430.00
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	Martin Comm	34100	2.24%	523,498.06	523,498.06
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	Martin U8	34200	2.70%	84,868.00	84,868.00
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	PtEverglades Comm	34200	2.90%	2,728,283.46	2,728,283.46
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	PtEverglades GTs	34100	0.00%	-	-
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	PtEverglades GTs	34200	0.00%	-	-
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	PtEverglades GTs	34500	0.00%	-	-
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	05 - Other Generation Plant	Sanford Comm	34100	2.40%	288,382.64	288,382.64
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	06 - Transmission Plant - Electric	Radial	35200	1.70%	6,946.41	6,946.41
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	06 - Transmission Plant - Electric	Transmission Plant - Electric	35200	1.70%	1,142,640.03	1,142,640.03
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	06 - Transmission Plant - Electric	Transmission Plant - Electric	35300	2.04%	177,981.88	177,981.88
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	06 - Transmission Plant - Electric	Transmission Plant - Electric	35800	1.87%	65,655.25	65,655.25
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	07 - Distribution Plant - Electric	Mass Distribution Plant	36100	1.75%	3,298,168.32	3,303,417.32
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	07 - Distribution Plant - Electric	Mass Distribution Plant	36670	2.00%	70,499.45	70,499.45
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASUR	08 - General Plant	General Plant	39000	1.50%	146,691.32	146,691.32
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES Total					16,530,675.04	16,221,714.92

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Project	Function	Unit	Utility	DEPR RATE	Plant Balance December 2017	Plant Balance December 2018
024-GAS REBURN	02 - Steam Generation Plant	Manatee U1	31200	4.64%	16,304,710.39	16,454,014.48
024-GAS REBURN	02 - Steam Generation Plant	Manatee U2	31200	4.99%	15,277,025.24	15,393,694.15
024-GAS REBURN Total					31,581,735.63	31,847,708.63
026-UST REPLACEMENT/REMOVAL	08 - General Plant	General Plant	39000	1.50%	115,446.69	115,446.69
026-UST REPLACEMENT/REMOVAL Total					115,446.69	115,446.69
028-CWA 316B PHASE II RULE	05 - Other Generation Plant	CapeCana Comm CC	34100	2.69%	766,644.55	771,310.37
028-CWA 316B PHASE II RULE Total					766,644.55	771,310.37
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee Comm	31100	3.17%	102,052.47	102,052.47
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee U1	31200	4.64%	20,059,060.47	20,059,060.47
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee U1	31400	4.03%	7,240,124.24	7,240,124.24
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee U2	31200	4.99%	20,461,529.33	20,457,354.33
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee U2	31400	3.72%	7,905,907.13	7,905,907.13
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Martin Comm	31200	4.45%	518,274.99	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Martin Comm	31400	3.48%	287,257.77	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Martin U1	31200	4.53%	19,504,076.53	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Martin U1	31400	3.35%	7,499,709.80	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Martin U2	31200	4.64%	20,224,579.58	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Martin U2	31400	4.79%	7,477,119.82	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer Comm U3&4	31200	2.32%	79,729.65	1,153,382.33
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer U4	31100	2.30%	82,366,983.51	82,366,983.51
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer U4	31200	2.79%	254,475,936.24	254,475,936.24
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer U4	31400	1.89%	(94,224.43)	(94,224.43)
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer U4	31500	2.49%	19,615,426.12	19,615,426.12
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer U4	31600	1.88%	399,585.73	399,585.73
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer U4	31670	7-Year	12,775.37	12,775.37
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	SJRPP U1	31200	2.12%	27,746,238.50	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	SJRPP U1	31500	1.46%	446,691.75	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	SJRPP U1	31600	1.14%	9,137.83	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	SJRPP U2	31200	2.35%	26,534,953.50	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	SJRPP U2	31500	1.84%	426,219.91	-
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	SJRPP U2	31600	1.58%	9,591.24	-
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	FtLauderdale GTs	34300	8.25%	110,241.57	110,241.57
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	FtMyers GTs	34300	8.22%	57,855.19	57,855.19
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin Comm	34100	2.24%	699,143.11	699,143.11
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin Comm	34300	2.56%	244,343.38	244,343.38
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin Comm	34500	2.04%	292,498.67	292,498.67
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	PtEverglades GTs	34300	0.00%	-	-
031-CLEAN AIR INTERSTATE RULE-CAIR	07 - Distribution Plant - Electric	Mass Distribution Plant	36500	2.57%	1,312.61	1,312.61
031-CLEAN AIR INTERSTATE RULE-CAIR Total					524,714,131.58	415,099,758.04
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer Comm U3&4	31200	2.32%	(1,234,038.81)	(1,234,036.95)
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer U4	31200	2.79%	108,641,809.26	110,561,805.78
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	SJRPP U1	31200	2.12%	70,087.09	-
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	SJRPP U2	31200	2.35%	18,074.66	-
033-CLEAN AIR MERCURY RULE-CAMR Total					107,495,932.20	109,327,768.83
035-MARTIN PLANT DRINKING WATER COMP	02 - Steam Generation Plant	Martin Comm	31100	2.52%	235,391.32	-
035-MARTIN PLANT DRINKING WATER COMP Total					235,391.32	-
036-LOW LEV RADI WSTE-LLW	03 - Nuclear Generation Plant	StLucie Comm	32100	2.25%	7,601,404.77	7,601,404.77
036-LOW LEV RADI WSTE-LLW	03 - Nuclear Generation Plant	Turkey Pt Comm	32100	3.13%	9,855,398.87	9,855,398.87
036-LOW LEV RADI WSTE-LLW Total					17,456,803.64	17,456,803.64
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto Solar	34000	0.00%	255,507.00	255,507.00
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto Solar	34100	3.49%	5,264,052.49	5,263,916.15
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto Solar	34300	3.36%	115,292,509.65	115,292,582.72
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto Solar	34500	3.65%	26,746,245.50	26,746,245.50
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto Solar	34630	3-Year	8,469.35	10,487.37
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto Solar	34650	5-Year	50,314.91	51,031.43
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto Solar	34670	7-Year	161,142.81	154,915.06
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	TransGeneratorLead	35300	2.04%	308,244.44	308,244.44
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35200	1.70%	7,426.72	7,426.72
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35300	2.04%	695,782.39	695,782.39
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35310	2.64%	1,695,868.88	1,695,868.88
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35500	2.32%	394,417.57	394,417.57
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35600	2.38%	191,357.87	191,357.87
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Mass Distribution Plant	36100	1.75%	540,994.07	540,994.07
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Mass Distribution Plant	36200	1.90%	1,890,938.09	1,890,938.09
037-DE SOTO SOLAR PROJECT	08 - General Plant	General Plant	39220	10.00%	28,426.16	28,426.16

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037-DE SOTO SOLAR PROJECT	08 - General Plant	General Plant	39720	7-Year	-	-
037-DE SOTO SOLAR PROJECT Total					153,531,697.90	153,528,141.42
038-SPACE COAST SOLAR PROJECT	01 - Intangible Plant	Intangible Plant	30300	various	6,359,027.00	6,359,027.00
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast Solar	34100	3.45%	3,889,496.13	3,893,262.92
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast Solar	34300	3.30%	51,550,587.22	51,550,587.22
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast Solar	34500	3.51%	6,126,698.76	6,126,698.76
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast Solar	34630	3-Year	-	-
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast Solar	34650	5-Year	35,202.34	35,202.34
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast Solar	34670	7-Year	14,105.66	-
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	TransGeneratorLead	35300	2.04%	789,137.95	789,137.95
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35300	2.04%	139,390.84	139,390.84
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35310	2.64%	1,328,699.15	1,328,699.15
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Mass Distribution Plant	36100	1.75%	274,858.30	274,858.30
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Mass Distribution Plant	36200	1.90%	62,688.54	62,688.54
038-SPACE COAST SOLAR PROJECT	08 - General Plant	General Plant	39220	10.00%	31,858.14	31,858.14
038-SPACE COAST SOLAR PROJECT	08 - General Plant	General Plant	39720	7-Year	-	-
038-SPACE COAST SOLAR PROJECT Total					70,601,750.03	70,591,411.16
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	34000	0.00%	216,844.31	216,844.31
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	34100	2.99%	20,745,276.10	20,756,023.18
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	34300	2.88%	397,113,924.40	398,581,449.44
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	34500	2.99%	4,122,851.76	4,122,851.76
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	34600	2.85%	1,299.31	57,742.07
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	34650	5-Year	11,177.70	-
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	34670	7-Year	134,432.51	129,522.19
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin U8	34300	3.37%	423,125.67	423,125.67
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35500	2.32%	603,691.67	603,691.67
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission Plant - Electric	35600	2.38%	364,159.38	364,159.38
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Mass Distribution Plant	36400	0.00%	-	-
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Mass Distribution Plant	36660	1.42%	94,476.14	94,476.14
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Mass Distribution Plant	36760	1.96%	2,728.36	2,728.36
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	39220	10.00%	121,100.90	121,100.90
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	39240	2.63%	332,681.72	332,681.72
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	39290	4.99%	88,937.57	88,937.57
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	39420	7-Year	13,666.20	-
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	39720	7-Year	4,441.75	-
039-MARTIN SOLAR PROJECT Total					424,394,815.45	425,895,334.36
041-PRV MANATEE HEATING SYSTEM	02 - Steam Generation Plant	PtEverglades Comm	31400	42 mos.	-	-
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	CapeCanaveral Comm	34300	0.00%	4,042,458.97	4,042,458.97
041-PRV MANATEE HEATING SYSTEM	06 - Transmission Plant - Electric	Transmission Plant - Electric	35300	various	276,404.06	276,404.06
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36100	various	73,267.38	73,267.38
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36200	various	471,541.84	471,541.84
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36400	0.00%	-	-
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36410	various	137,246.83	137,246.83
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36420	various	36,431.45	36,431.45
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36500	various	307,599.18	307,599.18
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36660	various	221,325.50	221,325.50
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36760	various	168,995.42	168,995.42
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Mass Distribution Plant	36910	various	607.06	607.06
041-PRV MANATEE HEATING SYSTEM	08 - General Plant	General Plant	39720	7-Year	-	-
041-PRV MANATEE HEATING SYSTEM Total					5,735,877.69	5,735,877.69
042-PTN COOLING CANAL MONITORING SYS	03 - Nuclear Generation Plant	Turkey Pt Comm	32100	3.13%	17,066,100.60	39,987,545.53
042-PTN COOLING CANAL MONITORING SYS Total					17,066,100.60	39,987,545.53
044-Barley Barber Swamp Iron Mitiga	02 - Steam Generation Plant	Martin Comm	31100	2.52%	164,718.55	164,718.55
044-Barley Barber Swamp Iron Mitiga Total					164,718.55	164,718.55
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee Comm	31200	7.62%	155,746.65	153,660.14
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee U1	31200	4.64%	44,989,219.00	44,854,496.19
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee U1	31500	4.11%	4,524,074.22	4,524,074.22
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee U1	31600	3.91%	1,021,918.26	1,021,918.26
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee U2	31200	4.99%	51,910,749.75	51,505,898.75
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee U2	31500	4.48%	4,793,798.44	4,793,798.44
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee U2	31600	4.79%	1,071,311.07	1,071,311.07
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin U1	31200	4.53%	47,137,592.30	-
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin U1	31500	3.12%	4,322,419.59	-
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin U1	31600	3.81%	1,012,007.34	-
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin U2	31200	4.64%	48,445,547.17	9,294.97
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin U2	31500	3.56%	4,449,269.51	-

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Project	Function	Unit	Utility	DEPR RATE	Plant Balance December 2017	Plant Balance December 2018
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin U2	31600	4.31%	1,070,759.72	-
045-800 MW UNIT ESP PROJECT Total					214,904,413.02	107,934,452.04
054-Coal Combustion Residuals	02 - Steam Generation Plant	Scherer Comm	31100	1.51%	204,391.43	199,237.13
054-Coal Combustion Residuals	02 - Steam Generation Plant	SJRPP - Comm	31100	1.09%	56,166.61	-
054-Coal Combustion Residuals Total					260,558.04	199,237.13
Grand Total					1,617,401,132.36	1,422,215,306.76

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-9A

Equity @ 10.55%

CAPITAL STRUCTURE AND COST RATES PER MAY 2017 EARNINGS SURVEILLANCE REPORT					
	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	8,578,170,782	27.773%	4.53%	1.26%	1.26%
SHORT_TERM_DEBT	876,957,343	2.839%	1.76%	0.05%	0.05%
PREFERRED_STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER_DEPOSITS	421,323,778	1.364%	2.09%	0.03%	0.03%
COMMON_EQUITY	14,087,418,183	45.610%	10.55%	4.81%	7.83%
DEFERRED_INCOME_TAX	6,860,621,618	22.212%	0.00%	0.00%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	62,115,684	0.201%	8.27%	0.02%	0.02%
TOTAL	\$30,886,607,389	100.00%		6.17%	9.20%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)					
	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	\$8,578,170,782	37.85%	4.534%	1.716%	1.716%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	14,087,418,183	62.15%	10.550%	6.557%	10.675%
TOTAL	\$22,665,588,966	100.00%		8.273%	12.391%
RATIO					

DEBT COMPONENTS:

LONG TERM DEBT	1.2592%
SHORT TERM DEBT	0.0501%
CUSTOMER DEPOSITS	0.0285%
TAX CREDITS -WEIGHTED	0.0035%
TOTAL DEBT	1.3413%

EQUITY COMPONENTS:

PREFERRED STOCK	0.0000%
COMMON EQUITY	4.8119%
TAX CREDITS -WEIGHTED	0.0132%
TOTAL EQUITY	4.8251%
TOTAL	6.1663%
PRE-TAX EQUITY	7.8552%
PRE-TAX TOTAL	9.1965%

Note:

(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES

ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM 42-9A

Equity @ 10.55%

CAPITAL STRUCTURE AND COST RATES PER
MAY 2018 EARNINGS SURVEILLANCE REPORT

	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	9,493,721,402	27.894%	4.33%	1.21%	1.21%
SHORT_TERM_DEBT	1,266,291,093	3.721%	2.42%	0.09%	0.09%
PREFERRED_STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER_DEPOSITS	403,315,602	1.185%	2.08%	0.02%	0.02%
COMMON_EQUITY	15,115,086,261	44.410%	10.55%	4.69%	6.28%
DEFERRED_INCOME_TAX	7,597,792,885	22.323%	0.00%	0.00%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	159,231,867	0.468%	8.15%	0.04%	0.05%
TOTAL	\$34,035,439,111	100.00%		6.05%	7.65%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)					
	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	\$9,493,721,402	38.58%	4.328%	1.670%	1.670%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	15,115,086,261	61.42%	10.550%	6.480%	8.680%
TOTAL	\$24,608,807,663	100.00%		8.150%	10.350%
RATIO					

DEBT COMPONENTS:

LONG TERM DEBT	1.2073%
SHORT TERM DEBT	0.0900%
CUSTOMER DEPOSITS	0.0246%
TAX CREDITS -WEIGHTED	0.0078%
TOTAL DEBT	1.3297%

EQUITY COMPONENTS:

PREFERRED STOCK	0.0000%
COMMON EQUITY	4.6852%
TAX CREDITS -WEIGHTED	0.0303%
TOTAL EQUITY	4.7156%
TOTAL	6.0452%
PRE-TAX EQUITY	6.3165%
PRE-TAX TOTAL	7.6461%

Note:

(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-1E

JANUARY 2019 THROUGH DECEMBER 2019

	2019
1. Over/(Under) Recovery for the Current Period (Form 42-2E, Line 5)	\$6,177,306
2. Interest Provision (Form 42-2E, Line 6)	\$940,505
3. Sum of Current Period Adjustments (Form 42-2E, Line 10)	\$0
4. Actual/Estimated True-up to be refunded/(recovered)	<u>\$7,117,811</u>

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 4
PARTY: FLORIDA POWER & LIGHT
COMPANY (FPL) – (DIRECT)
DESCRIPTION: Renae B. Deaton RBD-2

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-2E

JANUARY 2019 THROUGH DECEMBER 2019

	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. ECRC Revenues (net of Revenue Taxes)	\$12,045,955	\$10,950,339	\$11,895,094	\$12,558,139	\$13,758,679	\$15,113,092	\$16,138,827	\$16,179,526	\$15,764,663	\$14,737,568	\$12,641,781	\$12,080,542	\$163,864,206
2. True-up Provision ^(a)	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$2,162,138	\$25,945,661
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	\$14,208,094	\$13,112,477	\$14,057,232	\$14,720,278	\$15,920,817	\$17,275,230	\$18,300,965	\$18,341,665	\$17,926,802	\$16,899,707	\$14,803,919	\$14,242,681	\$189,809,867
4. Jurisdictional ECRC Costs													
a. O&M Activities (Form 42-5E-2, Line 9)	\$2,823,987	\$2,640,073	\$2,748,033	\$2,873,274	\$2,426,754	\$2,405,130	\$4,317,422	\$3,240,061	\$3,539,771	\$3,126,949	\$2,674,817	\$6,377,269	\$39,193,539
b. Capital Investment Projects (Form 42-7E-2, Line 8)	\$11,683,154	\$11,830,099	\$11,830,196	\$11,826,175	\$11,793,747	\$11,804,527	\$12,236,568	\$12,245,035	\$12,250,335	\$12,257,332	\$12,267,593	\$12,414,259	\$144,439,021
c. Total Jurisdictional ECRC Costs	\$14,507,141	\$14,470,173	\$14,578,229	\$14,699,449	\$14,220,501	\$14,209,657	\$16,553,990	\$15,485,096	\$15,790,107	\$15,384,281	\$14,942,409	\$18,791,529	\$183,632,561
5. Over/(Under) Recovery (Line 3 - Line 4c)	(\$299,047)	(\$1,357,696)	(\$520,997)	\$20,829	\$1,700,316	\$3,065,573	\$1,746,975	\$2,856,569	\$2,136,695	\$1,515,426	(\$138,490)	(\$4,548,848)	\$6,177,306
6. Interest Provision (Form 42-3E, Line 10)	\$94,595	\$88,572	\$83,533	\$79,111	\$75,205	\$75,171	\$75,807	\$76,236	\$77,054	\$76,538	\$73,755	\$64,928	\$940,505
7. Prior Periods True-Up to be (Collected)/Refunded	\$25,945,661	\$23,579,071	\$20,147,809	\$17,548,207	\$15,486,008	\$15,099,390	\$16,077,996	\$15,738,640	\$16,508,884	\$16,559,651	\$15,988,637	\$13,760,927	\$25,945,661
a. Deferred True-Up (Form 42-1A, Line 7) ^(b)	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	\$22,191,591	
8. True-Up Collected /(Refunded) (See Line 2)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$2,162,138)	(\$25,945,661)
9. End of Period True-Up (Lines 5+6+7+7a+8)	\$45,770,662	\$42,339,399	\$39,739,797	\$37,677,598	\$37,290,981	\$38,269,587	\$37,930,230	\$38,700,897	\$38,752,085	\$38,181,067	\$35,953,354	\$29,306,460	\$7,117,811
10. Adjustments to Period Total True-Up Including Interest	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
11. End of Period Total Net True-Up (Lines 9+10)	\$45,770,662	\$42,339,399	\$39,739,797	\$37,677,598	\$37,290,981	\$38,269,587	\$37,930,230	\$38,700,897	\$38,752,085	\$38,181,067	\$35,953,354	\$29,306,460	\$7,117,811

^(a) As approved in Order No. PSC-2018-0594-FOF-EI issued December 20, 2018

^(b) From FPL's 2019 Final True-up filed on April 1, 2019

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-3E

JANUARY 2019 THROUGH DECEMBER 2019

	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Beginning True-Up Amount (Form 42-2E, Lines 7 + 7a + 10)	\$48,137,252	\$45,770,662	\$42,339,399	\$39,739,797	\$37,677,598	\$37,290,981	\$38,269,587	\$37,930,230	\$38,700,897	\$38,752,508	\$38,182,333	\$35,955,460	
2. Ending True-Up Amount before Interest (Line 1 + Form 42-2E, Lines 5 + 8)	\$45,676,066	\$42,250,828	\$39,656,264	\$37,598,488	\$37,215,776	\$38,194,416	\$37,854,424	\$38,624,661	\$38,675,454	\$38,105,795	\$35,881,704	\$29,244,474	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	\$93,813,318	\$88,021,489	\$81,995,663	\$77,338,285	\$74,893,374	\$75,485,397	\$76,124,011	\$76,554,891	\$77,376,351	\$76,858,303	\$74,064,037	\$65,199,933	
4. Average True-Up Amount (Line 3 x 1/2)	\$46,906,659	\$44,010,745	\$40,997,832	\$38,669,142	\$37,446,687	\$37,742,699	\$38,062,005	\$38,277,446	\$38,688,175	\$38,429,151	\$37,032,019	\$32,599,967	
5. Interest Rate (First Day of Reporting Month)	2.42000%	2.42000%	2.41000%	2.48000%	2.43000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	
6. Interest Rate (First Day of Subsequent Month)	2.42000%	2.41000%	2.48000%	2.43000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	4.84000%	4.83000%	4.89000%	4.91000%	4.82000%	4.78000%	4.78000%	4.78000%	4.78000%	4.78000%	4.78000%	4.78000%	
8. Average Interest Rate (Line 7 x 1/2)	2.42000%	2.41500%	2.44500%	2.45500%	2.41000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	2.39000%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.20167%	0.20125%	0.20375%	0.20458%	0.20083%	0.19917%	0.19917%	0.19917%	0.19917%	0.19917%	0.19917%	0.19917%	
10. Interest Provision for the Month (Line 4 x Line 9)	\$94,595	\$88,572	\$83,533	\$79,111	\$75,205	\$75,171	\$75,807	\$76,236	\$77,054	\$76,538	\$73,755	\$64,928	\$940,505

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-4E-1

JANUARY 2019 THROUGH DECEMBER 2019

VARIANCE REPORT OF O&M ACTIVITIES

(1)	(2)	(3)	(4)	(5)
PROJECT #	ECRC - 2019 Actual Estimated Filing ^(a)	ECRC - 2019 Projection Filing ^(b)	Dif ECRC - 2019 Projection Filing ^(c)	% Dif ECRC - Projection Filing ^(d)
1 - Air Operating Permit Fees	\$225,740	\$233,257	(\$7,518)	(3.2%)
3a - Continuous Emission Monitoring Systems	\$669,899	\$544,646	\$125,253	23.0%
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	\$640,599	\$467,402	\$173,197	37.1%
8a - Oil Spill Clean-up/Response Equipment	\$182,377	\$284,248	(\$101,871)	(35.8%)
14 - NPDES Permit Fees	\$69,450	\$69,200	\$250	0.4%
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	\$3,019,288	\$2,675,270	\$344,018	12.9%
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	\$833,320	\$987,940	(\$154,620)	(15.7%)
21 - St. Lucie Turtle Nets	\$355,961	\$110,000	\$245,961	223.6%
NA-Amortization of Gains on Sales of Emissions Allowances	(\$425)	(\$276)	(\$149)	54.0%
22 - Pipeline Integrity Management	\$79,525	\$181,408	(\$101,883)	(56.2%)
23 - SPPC - Spill Prevention, Control & Countermeasures	\$763,837	\$802,138	(\$38,301)	(4.8%)
24 - Manatee Reburn	\$219,249	\$159,939	\$59,310	37.1%
27 - Lowest Quality Water Source	\$143,857	\$156,000	(\$12,143)	(7.8%)
28 - CWA 316(b) Phase II Rule	\$1,133,263	\$1,408,067	(\$274,804)	(19.5%)
29 - SCR Consumables	\$551,135	\$551,133	\$1	0.0%
31 - Clean Air Interstate Rule (CAIR) Compliance	\$3,920,827	\$3,829,248	\$91,579	2.4%
33 - MATS Project	\$2,104,512	\$2,701,008	(\$596,496)	(22.1%)
35 - Martin Plant Drinking Water System Compliance	\$33,137	\$0	\$33,137	N/A
37 - DeSoto Next Generation Solar Energy Center	\$620,706	\$499,789	\$120,917	24.2%
38 - Space Coast Next Generation Solar Energy Center	\$268,389	\$319,363	(\$50,974)	(16.0%)
39 - Martin Next Generation Solar Energy Center	\$3,366,532	\$3,346,966	\$19,566	0.6%
41 - Manatee Temporary Heating System	\$176,855	\$215,900	(\$39,045)	(18.1%)
42 - Turkey Point Cooling Canal Monitoring Plan	\$20,010,655	\$17,735,378	\$2,275,277	12.8%
45 - 800 MW Unit ESP	\$265,008	\$264,099	\$909	0.3%
47 - NPDES Permit Renewal Requirements	\$611,151	\$45,127	\$566,024	1,254.3%
48 - Industrial Boiler MACT	\$32,000	\$32,000	\$0	0.0%
50 - Steam Electric Effluent Guidelines Revised Rules	\$188,100	\$0	\$188,100	N/A
51 - Gopher Tortoise Relocations	\$25,649	\$25,649	\$0	0.0%
54 - Coal Combustion Residuals	\$261,852	\$334,680	(\$72,828)	(21.8%)
55 - Solar Site Avian Monitoring and Reporting Project	\$113,162	\$103,493	\$9,669	9.3%
Total	\$40,885,609	\$38,083,072	\$2,802,536	7.4%

^(a) The 12-Month Totals on Form 42-5E

^(b) As approved in Order No. PSC-2018-0594-FOF-EI issued December 20, 2018

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-4E-2

JANUARY 2019 THROUGH DECEMBER 2019

	(1)	(2)	(3)	(4)	(5)
		ECRC - 2019 Actual Estimated Filing ^(a)	ECRC - 2019 Projection Filing ^(b)	Dif. ECRC - 2019 Projection Filing ^(c)	% Dif. ECRC - 2019 Projection Filing ^(d)
2. Total of O&M Activities		\$40,885,609	\$38,083,072	\$2,802,536	7.4%
3. Recoverable Costs Allocated to Energy		\$28,438,993	\$26,518,581	\$1,920,412	7.2%
4a. Recoverable Costs Allocated to CP Demand		\$9,427,328	\$8,889,222	\$538,106	6.1%
4b. Recoverable Costs Allocated to GCP Demand		\$3,019,288	\$2,675,270	\$344,018	12.9%
5. Jurisdictional Energy Recoverable Costs		\$27,258,158	\$25,417,047	\$1,841,112	7.2%
6a. Jurisdictional CP Demand Recoverable Costs		\$8,916,093	\$8,384,078	\$532,015	6.3%
6b. Jurisdictional GCP Demand Recoverable Costs		\$3,019,288	\$2,675,270	\$344,018	12.9%
7. Total Jurisdictional Recoverable Costs for O&M Activities		\$39,193,539	\$36,476,395	\$2,717,145	7.4%

^(a) The 12-Month Totals on Form 42-5E

^(b) As approved in Order No. PSC-2018-0594-FOF-EI issued December 20, 2018

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-5E-1 pg. 1

JANUARY 2019 THROUGH DECEMBER 2019
O&M ACTIVITIES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
O&M Project	Strata	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1 - Air Operating Permit Fees	Base	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$11,135	\$16,515	\$139,000
1 - Air Operating Permit Fees	Intermediate	(\$19,175)	\$5,823	\$2,092	\$5,823	\$5,823	\$5,823	\$6,322	\$6,322	\$6,322	\$6,322	\$6,322	\$10,568	\$48,389
1 - Air Operating Permit Fees	Peaking	\$1,948	\$1,948	\$13,740	\$1,948	\$1,948	\$1,948	\$1,948	\$1,948	\$1,948	\$1,948	\$1,948	\$5,131	\$38,351
3a - Continuous Emission Monitoring Systems	Intermediate	\$216,413	\$106,546	\$44,095	\$22,507	\$13,533	\$26,258	\$32,749	\$21,847	\$21,847	\$21,847	\$19,514	\$28,558	\$575,712
3a - Continuous Emission Monitoring Systems	Peaking	\$37,451	\$14,775	\$878	\$398	(\$519)	\$2,820	\$2,806	\$12,525	\$2,820	\$2,806	\$2,820	\$14,607	\$94,187
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$0	\$0	\$0	\$0	\$3,325	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,325
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$100,540	\$95	\$2,570	\$21,203	\$2,668	\$0	\$120,788	\$84,740	\$6,500	\$6,500	\$0	\$0	\$345,603
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$275	\$90,952	\$97,388	(\$21,203)	\$7,256	\$1,136	\$80,981	\$34,885	\$0	\$0	\$0	\$0	\$291,670
8a - Oil Spill Clean-up/Response Equipment	Base	\$2	\$0	\$0	\$15	\$3	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$21
8a - Oil Spill Clean-up/Response Equipment	Intermediate	\$838	\$1,162	\$893	\$692	\$2,059	\$2,056	\$1,100	\$1,506	\$1,506	\$1,745	\$5,634	\$859	\$20,047
8a - Oil Spill Clean-up/Response Equipment	Peaking	\$6,790	\$9,403	\$7,222	\$5,680	\$16,674	\$16,632	\$8,900	\$12,182	\$12,182	\$14,115	\$45,582	\$6,948	\$162,309
14 - NPDES Permit Fees	Base	\$11,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,500
14 - NPDES Permit Fees	Intermediate	\$28,260	\$0	\$0	\$0	\$250	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$28,510
14 - NPDES Permit Fees	Peaking	\$29,440	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$29,440
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	\$581,140	\$415,648	\$317,674	\$620,244	\$260,581	\$130,000	\$130,000	\$131,000	\$111,000	\$111,000	\$101,000	\$110,000	\$3,019,288
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	\$61,594	\$208,672	\$100,835	\$83,695	\$17,006	\$45,000	\$45,000	\$50,718	\$50,718	\$64,694	\$65,694	\$39,694	\$833,320
21 - St. Lucie Turtle Nets	Base	(\$6,600)	\$0	\$127,989	(\$26,778)	\$46,451	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$355,961
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$4)	(\$4)	(\$4)	(\$4)	(\$7)	(\$44)	(\$44)	(\$44)	(\$44)	(\$44)	(\$44)	(\$44)	(\$332)
NA-Amortization of Gains on Sales of Emissions Allowances	Intermediate	(\$12)	(\$12)	(\$12)	(\$12)	(\$12)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$62)
NA-Amortization of Gains on Sales of Emissions Allowances	Peaking	(\$6)	(\$6)	(\$6)	(\$6)	(\$6)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$31)
22 - Pipeline Integrity Management	Intermediate	\$0	\$0	\$1,717	\$0	\$0	\$6,017	\$12,194	\$13,070	\$0	\$0	\$0	\$0	\$32,997
22 - Pipeline Integrity Management	Peaking	\$0	\$0	\$2,420	\$0	\$0	\$8,483	\$17,194	\$18,430	\$0	\$0	\$0	\$0	\$46,528
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$26,612	\$54,023	\$78,651	\$44,795	\$52,721	\$47,808	\$47,913	\$48,698	\$49,268	\$47,593	\$47,783	\$44,671	\$590,534
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$5,815	\$0	\$5,475	\$0	\$2,903	\$26,201	\$1,468	\$1,468	\$1,468	\$1,468	\$1,468	\$1,468	\$49,200
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$10,703	\$0	\$3,263	\$0	\$2,364	\$1,128	\$1,128	\$1,128	\$1,128	\$1,128	\$1,128	\$3,767	\$26,865
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$11,092	\$11,986	\$49,578	\$9,586	\$12,897	\$300	\$300	\$300	\$300	\$300	\$300	\$300	\$97,238
24 - Manatee Return	Peaking	\$56,795	\$8,420	\$4,248	\$0	\$59,308	\$0	\$0	\$0	\$0	\$90,478	\$0	\$0	\$219,249
27 - Lowest Quality Water Source	Intermediate	\$11,301	\$11,849	\$11,285	\$10,140	\$10,282	\$11,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$143,857
28 - CWA 316(b) Phase II Rule	Base	\$13,937	\$13,871	\$7,435	\$6,992	\$11,129	\$1,159	\$12,278	\$12,222	\$12,167	\$14,260	\$15,764	\$1,218	\$122,431
28 - CWA 316(b) Phase II Rule	Intermediate	\$80,552	\$58,998	\$48,742	\$65,219	\$58,041	\$73,181	\$47,578	\$49,115	\$35,151	\$63,537	\$105,661	\$119,199	\$804,975
28 - CWA 316(b) Phase II Rule	Peaking	\$27,041	\$8,202	\$9,574	\$360	\$25,048	\$29,413	\$15,569	\$20,564	\$11,524	\$21,014	\$23,864	\$13,684	\$205,857
29 - SCR Consumables	Intermediate	\$25,460	\$47,454	\$11,209	\$25,841	\$42,509	\$27,082	\$43,327	\$43,327	\$43,327	\$43,327	\$43,327	\$154,945	\$551,135
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$205,845	\$443,059	\$139,381	\$337,365	\$365,480	\$354,082	\$353,696	\$364,698	\$396,209	\$346,371	\$240,595	\$240,392	\$3,787,173
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$10,028	\$745	\$9,839	\$9,965	\$10,218	\$22,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$15,859	\$133,654
33 - MATS Project	Base	\$254,640	\$179,781	\$92,006	\$155,416	\$129,274	\$138,458	\$201,463	\$213,533	\$220,426	\$194,999	\$162,326	\$162,190	\$2,104,512
35 - Martin Plant Drinking Water System Compliance	Peaking	\$5,053	\$2,500	\$107	\$5,053	\$2,553	\$2,553	\$2,553	\$2,553	\$2,553	\$2,553	\$2,553	\$2,553	\$33,137
37 - DeSoto Next Generation Solar Energy Center	Solar	\$71,028	\$62,362	\$73,367	\$96,609	\$23,760	\$50,226	\$45,446	\$43,325	\$38,778	\$39,526	\$39,134	\$37,144	\$620,706
38 - Space Coast Next Generation Solar Energy Center	Solar	\$30,399	\$7,304	\$7,781	\$8,823	\$31,081	\$17,674	\$30,432	\$31,170	\$26,767	\$28,294	\$26,683	\$21,981	\$268,389
39 - Martin Next Generation Solar Energy Center	Intermediate	\$240,387	\$199,070	\$188,746	\$363,705	\$443,520	\$262,417	\$279,085	\$283,760	\$267,973	\$279,685	\$281,355	\$276,830	\$3,366,532
41 - Manatee Temporary Heating System	Intermediate	\$3,797	\$9,171	\$15,647	\$6,582	\$5,758	\$0	\$0	\$0	\$20,000	\$0	\$30,000	\$0	\$90,955
41 - Manatee Temporary Heating System	Peaking	\$0	\$0	\$0	\$0	\$0	\$10,000	\$5,000	\$5,000	\$5,000	\$15,000	\$22,700	\$23,200	\$85,900
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$643,830	\$475,881	\$1,170,088	\$1,060,343	\$799,306	\$1,091,768	\$2,783,096	\$1,671,724	\$2,164,483	\$1,636,216	\$1,374,644	\$5,139,275	\$20,010,655
45 - 800 MW Unit ESP	Peaking	\$4,299	\$22,144	\$57,879	\$4,880	\$3,027	\$8,000	\$18,947	\$28,131	\$18,947	\$15,798	\$15,798	\$67,158	\$265,008
47 - NPDES Permit Renewal Requirements	Base	\$0	\$240,942	\$117,270	\$28,960	\$23,000	\$33,600	\$33,600	\$33,600	\$33,600	\$33,600	\$0	\$0	\$578,173
47 - NPDES Permit Renewal Requirements	Intermediate	\$0	\$0	\$7,450	\$2,513	\$0	\$0	\$0	\$5,200	\$5,200	\$12,615	\$0	\$0	\$32,978
48 - Industrial Boiler MACT	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,120	\$0	\$0	\$5,120
48 - Industrial Boiler MACT	Peaking	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$26,880	\$0	\$0	\$26,880
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$136,847	\$22,621	\$21,991	\$2,318	\$4,223	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$188,000
50 - Steam Electric Effluent Guidelines Revised Rules	Peaking	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100
51 - Gopher Tortoise Relocations	Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000	\$2,000
51 - Gopher Tortoise Relocations	Peaking	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$8,000	\$0	\$0	\$7,649	\$23,649
54 - Coal Combustion Residuals	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$43,301	\$45,347	\$43,301	\$43,301	\$43,301	\$43,301	\$261,852
55 - Solar Site Avian Monitoring and Reporting Project	Solar	(\$710)	\$9,902	\$4,259	\$11,979	\$22,987	\$15,149	\$15,149	\$15,858	\$8,437	\$6,671	\$3,481	\$0	\$113,162
Total		\$2,936,281	\$2,756,519	\$2,865,896	\$2,982,781	\$2,529,557	\$2,511,161	\$4,507,101	\$3,383,686	\$3,694,641	\$3,266,500	\$2,796,169	\$6,655,317	\$40,885,609

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-SE-1 pg. 2

JANUARY 2019 THROUGH DECEMBER 2019

O&M ACTIVITIES

O&M Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification		
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	Energy	CP Demand	GCP Demand
1 - Air Operating Permit Fees	Base	\$139,000	95.9309%	\$133,344	\$133,344	\$0	\$0
1 - Air Operating Permit Fees	Intermediate	\$48,389	94.4167%	\$45,687	\$45,687	\$0	\$0
1 - Air Operating Permit Fees	Peaking	\$38,351	95.5155%	\$36,631	\$36,631	\$0	\$0
3a - Continuous Emission Monitoring Systems	Intermediate	\$575,712	94.4167%	\$543,568	\$543,568	\$0	\$0
3a - Continuous Emission Monitoring Systems	Peaking	\$94,187	95.5155%	\$89,963	\$89,963	\$0	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$3,325	95.7589%	\$3,184	\$0	\$3,184	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$345,603	94.2474%	\$325,722	\$0	\$325,722	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$291,670	95.3443%	\$278,091	\$0	\$278,091	\$0
8a - Oil Spill Clean-up/Response Equipment	Base	\$21	95.9309%	\$20	\$20	\$0	\$0
8a - Oil Spill Clean-up/Response Equipment	Intermediate	\$20,047	94.4167%	\$18,928	\$18,928	\$0	\$0
8a - Oil Spill Clean-up/Response Equipment	Peaking	\$162,309	95.5155%	\$155,030	\$155,030	\$0	\$0
14 - NPDES Permit Fees	Base	\$11,500	95.7589%	\$11,012	\$0	\$11,012	\$0
14 - NPDES Permit Fees	Intermediate	\$28,510	94.2474%	\$26,870	\$0	\$26,870	\$0
14 - NPDES Permit Fees	Peaking	\$29,440	95.3443%	\$28,069	\$0	\$28,069	\$0
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	\$3,019,288	100.0000%	\$3,019,288	\$0	\$0	\$3,019,288
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	\$833,320	89.2071%	\$743,380	\$0	\$743,380	\$0
21 - St. Lucie Turtle Nets	Base	\$355,961	95.7589%	\$340,864	\$0	\$340,864	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$332)	95.9309%	(\$318)	(\$318)	\$0	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Intermediate	(\$62)	94.4167%	(\$58)	(\$58)	\$0	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Peaking	(\$31)	95.5155%	(\$30)	(\$30)	\$0	\$0
22 - Pipeline Integrity Management	Intermediate	\$32,997	94.2474%	\$31,099	\$0	\$31,099	\$0
22 - Pipeline Integrity Management	Peaking	\$46,528	95.3443%	\$44,361	\$0	\$44,361	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$49,200	94.2474%	\$46,370	\$0	\$46,370	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$26,865	95.3443%	\$25,614	\$0	\$25,614	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$590,534	100.0000%	\$590,534	\$0	\$590,534	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$97,238	89.2071%	\$86,743	\$0	\$86,743	\$0
24 - Manatee Reburn	Peaking	\$219,249	95.5155%	\$209,417	\$209,417	\$0	\$0
27 - Lowest Quality Water Source	Intermediate	\$143,857	94.2474%	\$135,581	\$0	\$135,581	\$0
28 - CWA 316(b) Phase II Rule	Base	\$122,431	95.7589%	\$117,239	\$0	\$117,239	\$0
28 - CWA 316(b) Phase II Rule	Intermediate	\$804,975	94.2474%	\$758,668	\$0	\$758,668	\$0
28 - CWA 316(b) Phase II Rule	Peaking	\$205,857	95.3443%	\$196,273	\$0	\$196,273	\$0
29 - SCR Consumables	Intermediate	\$551,135	94.4167%	\$520,363	\$520,363	\$0	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$3,787,173	95.9309%	\$3,633,069	\$3,633,069	\$0	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$133,654	95.5155%	\$127,660	\$127,660	\$0	\$0
33 - MATS Project	Base	\$2,104,512	95.9309%	\$2,018,877	\$2,018,877	\$0	\$0
35 - Martin Plant Drinking Water System Compliance	Peaking	\$33,137	95.3443%	\$31,594	\$0	\$31,594	\$0
37 - DeSoto Next Generation Solar Energy Center	Solar	\$620,706	95.7589%	\$594,381	\$0	\$594,381	\$0
38 - Space Coast Next Generation Solar Energy Center	Solar	\$268,389	95.7589%	\$257,007	\$0	\$257,007	\$0
39 - Martin Next Generation Solar Energy Center	Intermediate	\$3,366,532	94.2474%	\$3,172,869	\$0	\$3,172,869	\$0
41 - Manatee Temporary Heating System	Intermediate	\$90,955	94.4167%	\$85,877	\$85,877	\$0	\$0
41 - Manatee Temporary Heating System	Peaking	\$85,900	95.5155%	\$82,048	\$82,048	\$0	\$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$20,010,655	95.9309%	\$19,196,401	\$19,196,401	\$0	\$0
45 - 800 MW Unit ESP	Peaking	\$265,008	95.5155%	\$253,123	\$253,123	\$0	\$0
47 - NPDES Permit Renewal Requirements	Base	\$578,173	95.7589%	\$553,652	\$0	\$553,652	\$0
47 - NPDES Permit Renewal Requirements	Intermediate	\$32,978	94.2474%	\$31,081	\$0	\$31,081	\$0
47 - NPDES Permit Renewal Requirements	Peaking	\$0	95.3443%	\$0	\$0	\$0	\$0
48 - Industrial Boiler MACT	Base	\$5,120	95.7589%	\$4,903	\$0	\$4,903	\$0
48 - Industrial Boiler MACT	Peaking	\$26,880	95.3443%	\$25,629	\$0	\$25,629	\$0
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$188,000	95.7589%	\$180,027	\$0	\$180,027	\$0
50 - Steam Electric Effluent Guidelines Revised Rules	Peaking	\$100	95.3443%	\$95	\$0	\$95	\$0
51 - Gopher Tortoise Relocations	Intermediate	\$2,000	94.2474%	\$1,885	\$0	\$1,885	\$0
51 - Gopher Tortoise Relocations	Peaking	\$23,649	95.3443%	\$22,548	\$0	\$22,548	\$0
54 - Coal Combustion Residuals	Base	\$261,852	95.7589%	\$250,747	\$0	\$250,747	\$0
55 - Solar Site Avian Monitoring and Reporting Project	Solar	\$113,162	95.9309%	\$108,557	\$108,557	\$0	\$0
Total		\$40,885,609		\$39,193,539	\$27,258,158	\$8,916,093	\$3,019,288

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-5E-2

JANUARY 2019 THROUGH DECEMBER 2019
O&M ACTIVITIES

	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	2019
2. Total of O&M Activities	\$2,936,281	\$2,756,519	\$2,865,896	\$2,982,781	\$2,529,557	\$2,511,161	\$4,507,101	\$3,383,686	\$3,694,641	\$3,266,500	\$2,796,169	\$6,655,317	\$40,885,609
3. Recoverable Costs Allocated to Energy - Base	\$1,115,448	\$1,109,851	\$1,412,606	\$1,564,270	\$1,305,191	\$1,595,399	\$3,349,346	\$2,261,046	\$2,792,209	\$2,188,677	\$1,788,656	\$5,558,328	\$26,041,029
Recoverable Costs Allocated to Energy - Intermediate	\$227,320	\$170,145	\$73,923	\$61,432	\$69,670	\$61,218	\$83,498	\$73,001	\$93,001	\$73,240	\$104,797	\$194,930	\$1,286,175
Recoverable Costs Allocated to Energy - Peaking	\$117,304	\$57,428	\$93,800	\$22,865	\$90,650	\$61,400	\$48,601	\$70,786	\$51,897	\$151,145	\$99,848	\$132,903	\$998,627
Recoverable Costs Allocated to Energy - Solar	(\$710)	\$9,902	\$4,259	\$11,979	\$22,987	\$15,149	\$15,149	\$15,858	\$8,437	\$6,671	\$3,481	\$0	\$113,162
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	\$72,686	\$220,658	\$150,413	\$93,281	\$29,903	\$45,300	\$45,300	\$51,018	\$51,018	\$64,994	\$65,994	\$39,994	\$930,558
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	\$155,684	\$277,433	\$274,685	\$11,492	\$88,127	\$65,459	\$119,879	\$121,869	\$119,768	\$126,981	\$89,765	\$75,219	\$1,526,362
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Interm.	\$466,855	\$270,012	\$265,985	\$462,781	\$517,663	\$378,816	\$474,112	\$450,353	\$329,291	\$376,805	\$401,484	\$412,497	\$4,806,653
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	\$72,513	\$101,754	\$112,751	(\$15,790)	\$37,222	\$42,713	\$117,425	\$85,560	\$23,205	\$51,575	\$27,545	\$27,653	\$684,126
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	\$101,428	\$69,666	\$81,148	\$105,432	\$54,842	\$67,900	\$75,878	\$74,496	\$65,545	\$67,820	\$65,817	\$59,125	\$889,095
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	\$26,612	\$54,023	\$78,651	\$44,795	\$52,721	\$47,808	\$47,913	\$48,698	\$49,268	\$47,593	\$47,783	\$44,671	\$590,534
5. Recoverable Costs Jurisdictionalized on GCP Demand - Distribution	\$581,140	\$415,648	\$317,674	\$620,244	\$260,581	\$130,000	\$130,000	\$131,000	\$111,000	\$111,000	\$101,000	\$110,000	\$3,019,288
6. Retail Production Energy Jurisdictional Factor - Base	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%
Retail Production Energy Jurisdictional Factor - Intermediate	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%
Retail Production Energy Jurisdictional Factor - Peaking	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%
Retail Production Energy Jurisdictional Factor - Solar	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%
7. Retail Distribution Demand Jurisdictional Factor	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%
Retail Transmission Demand Jurisdictional Factor	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%
Retail Production Demand Jurisdictional Factor - Base	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%
Retail Production Demand Jurisdictional Factor - Intermediate	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%
Retail Production Demand Jurisdictional Factor - Peaking	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%
Retail Production Demand Jurisdictional Factor - Solar	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%
8. Jurisdictional Recoverable Costs- Transmission	\$64,841	\$196,843	\$134,179	\$83,213	\$26,676	\$40,411	\$40,411	\$45,512	\$45,512	\$57,979	\$58,871	\$35,677	\$830,124
Jurisdictional Recoverable Costs - Production - Base	\$1,219,141	\$1,330,357	\$1,618,161	\$1,511,623	\$1,336,472	\$1,593,163	\$3,327,853	\$2,285,743	\$2,793,280	\$2,221,213	\$1,801,832	\$5,404,183	\$26,443,021
Jurisdictional Recoverable Costs - Production - Intermediate	\$654,627	\$415,124	\$320,480	\$494,161	\$553,664	\$414,824	\$525,674	\$493,372	\$398,158	\$424,280	\$477,333	\$572,814	\$5,744,510
Jurisdictional Recoverable Costs - Production - Peaking	\$181,180	\$151,869	\$197,095	\$6,785	\$122,074	\$99,371	\$158,380	\$149,187	\$71,695	\$193,541	\$121,633	\$153,308	\$1,606,118
Jurisdictional Recoverable Costs - Production - Solar	\$96,445	\$76,210	\$81,792	\$112,452	\$74,567	\$79,553	\$87,192	\$86,549	\$70,859	\$71,343	\$66,365	\$56,617	\$959,945
Jurisdictional Recoverable Costs - Distribution	\$607,753	\$469,671	\$396,325	\$665,039	\$313,302	\$177,808	\$177,913	\$179,698	\$160,268	\$158,593	\$148,783	\$154,671	\$3,609,822
9. Total Jurisdictional Recoverable Costs for O&M Activities	\$2,823,987	\$2,640,073	\$2,748,033	\$2,873,274	\$2,426,754	\$2,405,130	\$4,317,422	\$3,240,061	\$3,539,771	\$3,126,949	\$2,674,817	\$6,377,269	\$39,193,539

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-6E-1

JANUARY 2019 THROUGH DECEMBER 2019
VARIANCE REPORT OF CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

Capital Project #	ECRC - 2019 Actual Estimated Filing ^(a)	ECRC - 2019 Projection Filing ^(b)	Dif ECRC - 2019 Projection Filing ^(c)	% Dif ECRC - 2019 Projection Filing ^(d)
02 - Low NOX Burner Technology	\$59,721	\$59,135	\$585	1.0%
03 - Continuous Emission Monitoring Systems	\$483,182	\$588,862	(\$105,680)	(17.9%)
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	\$1,616,659	\$1,633,235	(\$16,575)	(1.0%)
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	\$1,660	\$1,659	\$1	0.1%
08 - Oil Spill Clean-up/Response Equipment	\$196,866	\$169,985	\$26,881	15.8%
10 - Relocate Storm Water Runoff	\$6,370	\$6,270	\$100	1.6%
12 - Scherer Discharge Pipeline	\$34,674	\$34,152	\$522	1.5%
20 - Wastewater Discharge Elimination & Reuse	\$41,798	\$74,467	(\$32,669)	(43.9%)
21 - St. Lucie Turtle Nets	\$738,541	\$722,690	\$15,851	2.2%
22 - Pipeline Integrity Management	\$266,662	\$261,500	\$5,162	2.0%
23 - SPCC - Spill Prevention, Control & Countermeasures	\$2,195,724	\$2,538,376	(\$342,652)	(13.5%)
24 - Manatee Reburn	\$3,077,824	\$3,042,624	\$35,200	1.2%
26 - UST Remove/Replacement	\$6,715	\$6,580	\$135	2.1%
28 - CWA 316(b) Phase II Rule	\$98,587	\$143,340	(\$44,753)	(31.2%)
31 - Clean Air Interstate Rule (CAIR) Compliance	\$45,313,398	\$46,792,403	(\$1,479,006)	(3.2%)
33 - MATS Project	\$9,599,646	\$9,386,202	\$213,445	2.3%
34 - St Lucie Cooling Water System Inspection & Maintenance	\$353,973	\$463,851	(\$109,878)	(23.7%)
35 - Martin Plant Drinking Water System Compliance	\$18,188	\$19,863	(\$1,674)	(8.4%)
36 - Low-Level Radioactive Waste Storage	\$1,673,652	\$1,641,273	\$32,378	2.0%
37 - DeSoto Next Generation Solar Energy Center	\$12,369,828	\$12,209,466	\$160,362	1.3%
38 - Space Coast Next Generation Solar Energy Center	\$5,749,305	\$5,671,978	\$77,327	1.4%
39 - Martin Next Generation Solar Energy Center	\$34,871,267	\$34,282,678	\$588,589	1.7%
41 - Manatee Temporary Heating System	\$1,276,656	\$2,708,761	(\$1,432,105)	(52.9%)
42 - Turkey Point Cooling Canal Monitoring Plan	\$5,149,286	\$6,534,008	(\$1,384,722)	(21.2%)
44 - Martin Plant Barley Barber Swamp Iron Mitigation	\$14,779	\$14,491	\$288	2.0%
45 - 800 MW Unit ESP	\$19,006,233	\$23,290,040	(\$4,283,807)	(18.4%)
50 - Steam Electric Effluent Guidelines Revised Rules	\$10,373	\$31,620	(\$21,247)	(67.2%)
54 - Coal Combustion Residuals	\$7,340,599	\$6,033,559	\$1,307,040	21.7%
NA-Amortization of Gains on Sales of Emissions Allowances	(\$36)	(\$30)	(\$6)	18.9%
Total Investment Projects - Recoverable Costs	\$151,572,128	\$158,363,038	(\$6,790,910)	(4.3%)

^(a) The 12-Month Totals on Form 42-7E

^(b) The approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI issued December 20, 2018

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE FINAL TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-6E-2

JANUARY 2019 THROUGH DECEMBER 2019
VARIANCE REPORT OF CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

	ECRC - 2019 Actual/Estimated ^(a)	ECRC - 2019 Projection ^(b)	Dif. ECRC - 2019 Projection Filing ^(c)	% Dif. ECRC - 2019 Projection Filing ^(d)
2. Total Investment Projects - Recoverable Costs	\$151,572,128	\$158,363,038	(\$6,790,910)	(4.5%)
3. Recoverable Costs Allocated to Energy	\$3,620,690	\$3,690,591	(\$69,900)	(1.9%)
4. Recoverable Costs Allocated to Demand	\$147,951,438	\$154,672,448	(\$6,721,010)	(4.5%)
5. Jurisdictional Energy Recoverable Costs	\$12,905,198	\$13,148,129	(\$242,931)	(1.9%)
8. Jurisdictional Demand Recoverable Costs	\$131,533,823	\$137,741,386	(\$6,207,562)	(4.7%)
9. Total Jurisdictional Recoverable Costs for Investment Projects	\$144,439,021	\$150,889,515	(\$6,450,494)	(4.5%)

^(a) The 12-Month Totals on Form 42-5E

^(b) As approved in Order No. PSC-2018-0594-FOF-EI issued December 20, 2018

^(c) Column (2) - Column (3)

^(d) Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-7E-1 pg. 1

JANUARY 2019 THROUGH DECEMBER 2019
CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Capital Project (a)	Strata	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
02 - Low NOX Burner Technology	Peaking	\$5,038	\$5,018	\$4,998	\$4,978	\$4,958	\$4,938	\$5,018	\$4,997	\$4,976	\$4,955	\$4,934	\$4,913	\$59,721
03 - Continuous Emission Monitoring Systems	Base	\$2,390	\$2,382	\$2,375	\$2,367	\$2,360	\$2,352	\$2,409	\$2,401	\$2,392	\$2,384	\$2,376	\$2,368	\$28,556
03 - Continuous Emission Monitoring Systems	Intermediate	\$23,732	\$23,595	\$23,530	\$23,465	\$23,400	\$23,334	\$24,002	\$23,934	\$23,865	\$23,796	\$23,727	\$23,658	\$284,037
03 - Continuous Emission Monitoring Systems	Peaking	\$14,223	\$14,183	\$14,143	\$14,103	\$14,063	\$14,023	\$14,414	\$14,372	\$14,330	\$14,287	\$14,245	\$14,203	\$170,588
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$144	\$144	\$144	\$144	\$144	\$144	\$152	\$152	\$152	\$152	\$152	\$152	\$1,771
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	\$51,443	\$51,396	\$51,389	\$51,333	\$51,237	\$52,084	\$55,386	\$55,325	\$55,264	\$55,203	\$55,142	\$55,107	\$640,309
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$19,313	\$19,256	\$19,198	\$19,140	\$19,082	\$19,523	\$19,462	\$19,401	\$19,339	\$19,278	\$19,217	\$19,217	\$231,233
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$62,415	\$62,196	\$61,977	\$61,758	\$61,539	\$61,320	\$62,602	\$62,370	\$62,139	\$61,908	\$61,676	\$61,445	\$743,346
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	\$143	\$142	\$141	\$140	\$139	\$139	\$138	\$137	\$136	\$135	\$135	\$134	\$1,660
08 - Oil Spill Clean-up/Response Equipment	Distribution	\$22	\$22	\$22	\$22	\$22	\$22	\$37	\$52	\$52	\$52	\$51	\$51	\$457
08 - Oil Spill Clean-up/Response Equipment	General	\$27	\$27	\$27	\$27	\$27	\$27	\$28	\$28	\$28	\$28	\$28	\$28	\$332
08 - Oil Spill Clean-up/Response Equipment	Intermediate	\$6,582	\$6,559	\$6,536	\$6,513	\$6,490	\$6,467	\$7,452	\$9,485	\$11,371	\$12,191	\$12,404	\$13,259	\$105,310
08 - Oil Spill Clean-up/Response Equipment	Peaking	\$4,939	\$4,920	\$4,901	\$4,883	\$4,864	\$4,844	\$6,033	\$8,304	\$10,464	\$11,620	\$11,900	\$13,095	\$90,767
10 - Relocate Storm Water Runoff	Base	\$530	\$529	\$527	\$526	\$525	\$523	\$539	\$537	\$536	\$534	\$533	\$531	\$6,370
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$3)	(\$3)	(\$3)	(\$3)	(\$3)	(\$4)	(\$3)	(\$3)	(\$3)	(\$3)	(\$3)	(\$2)	(\$36)
12 - Scherer Discharge Pipeline	Base	\$2,891	\$2,883	\$2,874	\$2,866	\$2,858	\$2,850	\$2,930	\$2,922	\$2,913	\$2,904	\$2,896	\$2,887	\$34,674
20 - Wastewater Discharge Elimination & Reuse	Peaking	\$3,388	\$3,388	\$3,388	\$3,388	\$3,388	\$3,388	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$41,798
21 - St. Lucie Turtle Nets	Base	\$60,679	\$60,596	\$60,514	\$60,431	\$60,348	\$60,266	\$62,836	\$62,749	\$62,661	\$62,574	\$62,487	\$62,400	\$738,541
22 - Pipeline Integrity Management	Intermediate	\$11,789	\$11,768	\$11,746	\$11,725	\$11,703	\$11,682	\$12,125	\$12,103	\$12,080	\$12,057	\$12,034	\$12,012	\$142,824
22 - Pipeline Integrity Management	Peaking	\$10,225	\$10,206	\$10,187	\$10,168	\$10,149	\$10,130	\$10,512	\$10,492	\$10,472	\$10,452	\$10,432	\$10,412	\$123,838
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	\$28,002	\$28,924	\$28,844	\$28,767	\$28,689	\$28,610	\$29,443	\$29,361	\$29,278	\$29,195	\$29,112	\$29,029	\$348,255
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$20,846	\$20,887	\$21,066	\$21,225	\$21,268	\$21,293	\$22,197	\$22,172	\$22,138	\$22,110	\$22,081	\$22,047	\$259,330
23 - SPCC - Spill Prevention, Control & Countermeasures	General	\$892	\$891	\$890	\$888	\$887	\$886	\$924	\$923	\$922	\$921	\$919	\$918	\$10,862
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$56,651	\$56,508	\$56,365	\$56,221	\$56,078	\$55,935	\$57,661	\$57,680	\$58,037	\$58,565	\$58,753	\$58,964	\$687,417
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$44,840	\$44,682	\$44,525	\$44,367	\$44,210	\$44,052	\$44,971	\$44,804	\$44,638	\$45,829	\$47,020	\$47,600	\$541,538
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$24,297	\$24,354	\$24,364	\$24,362	\$24,956	\$27,831	\$32,355	\$33,255	\$33,208	\$33,161	\$33,113	\$33,066	\$348,322
24 - Manatee Reburn	Peaking	\$257,390	\$256,658	\$255,897	\$255,084	\$254,270	\$253,456	\$259,660	\$258,800	\$257,941	\$257,082	\$256,222	\$255,363	\$3,077,824
26 - UST Remove/Replacement	General	\$553	\$552	\$552	\$551	\$550	\$549	\$571	\$570	\$569	\$568	\$567	\$566	\$6,715
28 - CWA 316(b) Phase II Rule	Intermediate	\$6,480	\$6,469	\$6,458	\$6,447	\$6,436	\$6,425	\$6,677	\$6,666	\$6,654	\$6,643	\$12,062	\$21,167	\$98,587
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$2,988,206	\$2,983,270	\$2,978,302	\$2,973,373	\$2,968,484	\$2,963,749	\$3,081,031	\$3,076,674	\$3,072,391	\$3,068,109	\$3,063,826	\$3,060,147	\$36,277,562
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$105
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$9,432	\$9,416	\$9,401	\$9,385	\$9,370	\$9,354	\$9,726	\$9,710	\$9,693	\$9,677	\$9,661	\$9,644	\$114,469
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$736,551	\$735,192	\$733,832	\$732,472	\$731,112	\$729,752	\$757,316	\$755,879	\$754,443	\$753,007	\$751,571	\$750,135	\$8,921,261
33 - MATS Project	Base	\$793,886	\$791,984	\$790,374	\$788,762	\$787,157	\$785,543	\$813,808	\$812,403	\$810,998	\$809,593	\$808,189	\$806,948	\$9,599,646
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	\$28,360	\$28,360	\$28,354	\$28,354	\$28,354	\$28,354	\$29,946	\$29,946	\$29,946	\$29,946	\$29,946	\$34,104	\$353,973
35 - Martin Plant Drinking Water System Compliance	Intermediate	\$673	\$673	\$673	\$673	\$814	\$843	\$989	\$987	\$985	\$983	\$982	\$980	\$10,367
35 - Martin Plant Drinking Water System Compliance	Peaking	\$508	\$508	\$508	\$508	\$614	\$719	\$746	\$745	\$743	\$742	\$741	\$739	\$7,821
36 - Low-Level Radioactive Waste Storage	Base	\$138,174	\$137,919	\$137,665	\$137,410	\$137,156	\$136,901	\$142,077	\$141,808	\$141,539	\$141,270	\$141,001	\$140,732	\$1,673,652
37 - DeSoto Next Generation Solar Energy Center	Solar	\$1,032,575	\$1,029,521	\$1,026,511	\$1,023,478	\$1,020,445	\$1,017,405	\$1,044,735	\$1,041,489	\$1,038,244	\$1,035,032	\$1,031,820	\$1,028,575	\$12,369,828
38 - Space Coast Next Generation Solar Energy Center	Solar	\$479,568	\$478,179	\$476,790	\$475,401	\$474,012	\$472,622	\$485,745	\$484,296	\$482,847	\$481,398	\$479,949	\$478,500	\$5,749,305
39 - Martin Next Generation Solar Energy Center	Intermediate	\$2,892,295	\$2,885,924	\$2,879,702	\$2,873,636	\$2,867,218	\$2,861,359	\$2,949,849	\$2,943,219	\$2,936,727	\$2,930,373	\$2,923,764	\$2,917,267	\$34,871,267
41 - Manatee Temporary Heating System	Distribution	\$1,451	\$1,451	\$1,451	\$1,451	\$1,451	\$1,451	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$17,900
41 - Manatee Temporary Heating System	Intermediate	\$74,496	\$86,226	\$96,249	\$97,794	\$83,093	\$114,737	\$103,553	\$103,447	\$103,341	\$103,235	\$103,128	\$189,457	\$1,258,756
41 - Manatee Temporary Heating System	Transmission	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$391,188	\$395,775	\$400,437	\$403,390	\$407,851	\$410,301	\$433,386	\$442,503	\$448,881	\$455,258	\$461,637	\$468,881	\$5,149,286
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	\$695	\$694	\$693	\$691	\$690	\$689	\$715	\$714	\$713	\$711	\$710	\$709	\$8,424
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	\$524	\$524	\$523	\$522	\$521	\$520	\$540	\$539	\$538	\$537	\$536	\$535	\$6,355
45 - 800 MW Unit ESP	Intermediate	\$736	\$733	\$731	\$728	\$725	\$723	\$738	\$735	\$733	\$730	\$727	\$724	\$8,763
45 - 800 MW Unit ESP	Peaking	\$1,566,628	\$1,563,893	\$1,561,158	\$1,558,423	\$1,555,890	\$1,553,355	\$1,613,581	\$1,610,690	\$1,607,799	\$1,604,909	\$1,602,018	\$1,599,127	\$18,997,470
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$0	\$0	\$0	\$0	\$0	\$6	\$291	\$847	\$1,403	\$1,960	\$2,516	\$3,350	\$10,373
54 - Coal Combustion Residuals	Base	\$403,962	\$564,909	\$573,482	\$587,770	\$586,336	\$582,652	\$626,376	\$643,889	\$661,441	\$679,149	\$696,973	\$733,659	\$7,340,599
Total		\$12,260,780	\$12,414,292	\$12,414,420	\$12,410,116	\$12,375,935	\$12,387,760	\$12,840,873	\$12,849,688	\$12,855,138	\$12,862,379	\$12,873,092	\$13,027,656	\$151,572,128

(a) Each project's Total Recoverable Costs on Form 42-8E, Line 9

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-7E-1 pg. 2

JANUARY 2019 THROUGH DECEMBER 2019
CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

Capital Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification	
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	CP Demand	Energy
02 - Low NOX Burner Technology	Peaking	\$59,721	95.5155%	\$57,042	\$0	\$57,042
03 - Continuous Emission Monitoring Systems	Base	\$28,556	95.9309%	\$27,394	\$0	\$27,394
03 - Continuous Emission Monitoring Systems	Intermediate	\$284,037	94.4167%	\$268,179	\$0	\$268,179
03 - Continuous Emission Monitoring Systems	Peaking	\$170,588	95.5155%	\$162,938	\$0	\$162,938
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$1,771	95.7589%	\$1,696	\$1,565	\$130
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	\$640,309	96.9214%	\$620,597	\$572,859	\$47,738
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$231,233	94.2474%	\$217,931	\$201,167	\$16,764
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$743,346	95.3443%	\$708,738	\$654,219	\$54,518
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	\$1,660	95.7589%	\$1,589	\$1,467	\$122
08 - Oil Spill Clean-up/Response Equipment	Base	\$0	95.7589%	\$0	\$0	\$0
08 - Oil Spill Clean-up/Response Equipment	Distribution	\$457	100.0000%	\$457	\$422	\$35
08 - Oil Spill Clean-up/Response Equipment	General	\$332	96.9214%	\$321	\$297	\$25
08 - Oil Spill Clean-up/Response Equipment	Intermediate	\$105,310	94.2474%	\$99,252	\$91,617	\$7,635
08 - Oil Spill Clean-up/Response Equipment	Peaking	\$90,767	95.3443%	\$86,541	\$79,884	\$6,657
10 - Relocate Storm Water Runoff	Base	\$6,370	95.7589%	\$6,100	\$5,631	\$469
12 - Scherer Discharge Pipeline	Base	\$34,674	95.7589%	\$33,204	\$30,650	\$2,554
20 - Wastewater Discharge Elimination & Reuse	Peaking	\$41,798	95.3443%	\$39,852	\$36,786	\$3,066
21 - St. Lucie Turtle Nets	Base	\$738,541	95.7589%	\$707,218	\$652,817	\$54,401
22 - Pipeline Integrity Management	Intermediate	\$142,824	94.2474%	\$134,608	\$124,253	\$10,354
22 - Pipeline Integrity Management	Peaking	\$123,838	95.3443%	\$118,072	\$108,990	\$9,082
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	\$348,255	95.7589%	\$333,485	\$307,832	\$25,653
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$259,330	100.0000%	\$259,330	\$239,381	\$19,948
23 - SPCC - Spill Prevention, Control & Countermeasures	General	\$10,862	96.9214%	\$10,527	\$9,718	\$810
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$687,417	94.2474%	\$647,873	\$598,036	\$49,836
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$541,538	95.3443%	\$516,326	\$476,609	\$39,717
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$348,322	89.2071%	\$310,728	\$286,825	\$23,902
24 - Manatee Reburn	Peaking	\$3,077,824	95.5155%	\$2,939,799	\$0	\$2,939,799
25 - Pt. Everglades ESP Technology	Intermediate	\$0	94.4167%	\$0	\$0	\$0
26 - UST Remove/Replacement	General	\$6,715	96.9214%	\$6,509	\$6,008	\$501
28 - CWA 316(b) Phase II Rule	Intermediate	\$98,587	94.2474%	\$92,915	\$85,768	\$7,147
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$36,277,562	95.7589%	\$34,738,995	\$32,066,764	\$2,672,230
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	\$105	100.0000%	\$105	\$97	\$8
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$114,469	94.2474%	\$107,884	\$99,585	\$8,299
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$8,921,261	95.3443%	\$8,505,914	\$7,851,613	\$654,301
33 - MATS Project	Base	\$9,599,646	95.7589%	\$9,192,516	\$8,485,399	\$707,117
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	\$353,973	95.7589%	\$338,960	\$312,886	\$26,074
35 - Martin Plant Drinking Water System Compliance	Intermediate	\$10,367	94.2474%	\$9,771	\$9,019	\$752
35 - Martin Plant Drinking Water System Compliance	Peaking	\$7,821	95.3443%	\$7,457	\$6,883	\$574
36 - Low-Level Radioactive Waste Storage	Base	\$1,673,652	95.7589%	\$1,602,670	\$1,479,388	\$123,282
37 - DeSoto Next Generation Solar Energy Center	Solar	\$12,369,828	95.7589%	\$11,845,211	\$10,934,041	\$911,170
38 - Space Coast Next Generation Solar Energy Center	Solar	\$5,749,305	95.7589%	\$5,505,471	\$5,061,973	\$423,498
39 - Martin Next Generation Solar Energy Center	Intermediate	\$34,871,267	94.2474%	\$32,865,262	\$30,337,165	\$2,528,097
41 - Manatee Temporary Heating System	Distribution	\$17,900	100.0000%	\$17,900	\$16,523	\$1,377
41 - Manatee Temporary Heating System	General	\$0	96.9214%	\$0	\$0	\$0
41 - Manatee Temporary Heating System	Intermediate	\$1,258,756	94.2474%	\$1,186,345	\$1,095,088	\$91,257
41 - Manatee Temporary Heating System	Transmission	\$0	89.2071%	\$0	\$0	\$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$5,149,286	95.7589%	\$4,930,899	\$4,551,599	\$379,300
42 - Turkey Point Cooling Canal Monitoring Plan	Intermediate	\$0	94.2474%	\$0	\$0	\$0
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	\$8,424	94.2474%	\$7,939	\$7,939	\$0
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	\$6,355	95.3443%	\$6,059	\$6,059	\$0
45 - 800 MW Unit ESP	Intermediate	\$8,763	94.2474%	\$8,259	\$8,259	\$0
45 - 800 MW Unit ESP	Peaking	\$18,997,470	95.3443%	\$18,113,005	\$18,113,005	\$0
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$10,373	95.7589%	\$9,933	\$9,169	\$764
54 - Coal Combustion Residuals	Base	\$7,340,599	95.7589%	\$7,029,277	\$6,488,563	\$540,714
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$36)	95.9309%	(\$34)	\$0	(\$34)
Total		\$151,572,128		\$144,439,021	\$131,533,823	\$12,905,198

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-7E-2

JANUARY 2019 THROUGH DECEMBER 2019

CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
2. Total of Capital Investment Projects	\$12,260,780	\$12,414,292	\$12,414,420	\$12,410,116	\$12,375,935	\$12,387,760	\$12,840,873	\$12,849,688	\$12,855,138	\$12,862,379	\$12,873,092	\$13,027,656	\$151,572,128
3. Recoverable Costs Jurisdictionalized on Energy - Base	\$2,387	\$2,379	\$2,372	\$2,364	\$2,356	\$2,348	\$2,405	\$2,397	\$2,390	\$2,382	\$2,374	\$2,366	\$28,521
Recoverable Costs Jurisdictionalized on Energy - Intermediate	\$23,732	\$23,595	\$23,530	\$23,465	\$23,400	\$23,334	\$24,002	\$23,934	\$23,865	\$23,796	\$23,727	\$23,658	\$284,038
Recoverable Costs Jurisdictionalized on Energy - Peaking	\$276,651	\$275,859	\$275,038	\$274,164	\$273,290	\$272,417	\$279,093	\$278,170	\$277,247	\$276,324	\$275,401	\$274,479	\$3,308,132
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	\$24,297	\$24,354	\$24,364	\$24,362	\$24,956	\$27,831	\$32,355	\$33,255	\$33,208	\$33,161	\$33,113	\$33,066	\$348,322
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	\$4,837,164	\$4,995,434	\$5,001,660	\$5,011,933	\$5,008,041	\$5,000,038	\$5,222,952	\$5,243,927	\$5,262,276	\$5,280,780	\$5,299,402	\$5,372,755	\$61,536,362
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Intern.	\$3,079,143	\$3,084,227	\$3,087,752	\$3,082,954	\$3,061,700	\$3,087,348	\$3,169,009	\$3,164,207	\$3,159,734	\$3,156,504	\$3,157,504	\$3,247,333	\$37,537,418
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	\$2,430,019	\$2,425,509	\$2,420,999	\$2,416,489	\$2,412,286	\$2,408,081	\$2,499,877	\$2,497,402	\$2,494,814	\$2,492,581	\$2,489,471	\$2,486,664	\$29,474,194
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	\$1,512,143	\$1,507,700	\$1,503,301	\$1,498,879	\$1,494,454	\$1,490,028	\$1,530,480	\$1,525,785	\$1,521,091	\$1,516,430	\$1,511,769	\$1,507,075	\$18,119,133
Recoverable Costs Jurisdictionalized on 12 CP Demand - General	\$52,915	\$52,867	\$52,857	\$52,799	\$52,702	\$53,546	\$56,909	\$56,846	\$56,783	\$56,719	\$56,656	\$56,619	\$658,218
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	\$22,327	\$22,368	\$22,548	\$22,707	\$22,750	\$22,789	\$23,790	\$23,766	\$23,732	\$23,703	\$23,674	\$23,639	\$277,792
5. Retail Production Energy Jurisdictional Factor - Base	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%	95.93090%
Retail Production Energy Jurisdictional Factor - Intermediate	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%	94.41670%
Retail Production Energy Jurisdictional Factor - Peaking	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%	95.51550%
6. Retail Transmission Demand Jurisdictional Factor	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%	89.20710%
Retail Production Demand Jurisdictional Factor - Base	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%
Retail Production Demand Jurisdictional Factor - Intermediate	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%	94.24740%
Retail Production Demand Jurisdictional Factor - Peaking	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%	95.34430%
Retail Production Demand Jurisdictional Factor - Solar	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%	95.75890%
Retail Production Demand Jurisdictional Factor - General	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%	96.92140%
Retail Distribution Demand Jurisdictional Factor	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%
7. Jurisdictional Recoverable Costs - Transmission	\$21,675	\$21,725	\$21,734	\$21,733	\$22,263	\$24,827	\$28,863	\$29,666	\$29,624	\$29,582	\$29,540	\$29,497	\$310,728
Jurisdictional Recoverable Costs - Production - Base	\$4,634,305	\$4,785,855	\$4,791,810	\$4,801,639	\$4,797,905	\$4,790,234	\$5,003,749	\$5,023,827	\$5,041,390	\$5,059,101	\$5,076,927	\$5,147,161	\$58,953,903
Jurisdictional Recoverable Costs - Production - Intermediate	\$2,924,420	\$2,929,082	\$2,932,342	\$2,927,759	\$2,907,666	\$2,931,777	\$3,009,371	\$3,004,781	\$3,000,499	\$2,997,391	\$2,998,268	\$3,082,865	\$35,646,219
Jurisdictional Recoverable Costs - Production - Peaking	\$2,581,129	\$2,576,073	\$2,570,988	\$2,565,854	\$2,561,012	\$2,556,169	\$2,650,067	\$2,646,825	\$2,643,477	\$2,640,466	\$2,636,620	\$2,633,062	\$31,261,743
Jurisdictional Recoverable Costs - Production - Solar	\$1,448,011	\$1,443,757	\$1,439,544	\$1,435,310	\$1,431,072	\$1,426,834	\$1,465,570	\$1,461,075	\$1,456,580	\$1,452,117	\$1,447,654	\$1,443,158	\$17,350,682
Jurisdictional Recoverable Costs - General	\$51,286	\$51,239	\$51,230	\$51,174	\$51,079	\$51,897	\$55,157	\$55,096	\$55,035	\$54,973	\$54,912	\$54,876	\$637,954
Jurisdictional Recoverable Costs - Distribution	\$22,327	\$22,368	\$22,548	\$22,707	\$22,750	\$22,789	\$23,790	\$23,766	\$23,732	\$23,703	\$23,674	\$23,639	\$277,792
8. Total Jurisdictional Recoverable Costs for Capital Investment Activities	\$11,683,154	\$11,830,099	\$11,830,196	\$11,826,175	\$11,793,747	\$11,804,527	\$12,236,568	\$12,245,035	\$12,250,335	\$12,257,332	\$12,267,593	\$12,414,259	\$144,439,021

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
02 - Low NOX Burner Technology														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3a. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3b. Less: Capital Recovery Unamortized Balance	(\$300,662)	(\$297,530)	(\$294,398)	(\$291,266)	(\$288,134)	(\$285,002)	(\$281,871)	(\$278,739)	(\$275,607)	(\$272,475)	(\$269,343)	(\$266,211)	(\$263,079)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$300,662</u>	<u>\$297,530</u>	<u>\$294,398</u>	<u>\$291,267</u>	<u>\$288,135</u>	<u>\$285,003</u>	<u>\$281,871</u>	<u>\$278,739</u>	<u>\$275,607</u>	<u>\$272,475</u>	<u>\$269,343</u>	<u>\$266,211</u>	<u>\$263,079</u>	
6. Average Net Investment		\$299,096	\$295,964	\$292,833	\$289,701	\$286,569	\$283,437	\$280,305	\$277,173	\$274,041	\$270,909	\$267,777	\$264,645	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,574	\$1,558	\$1,541	\$1,525	\$1,508	\$1,492	\$1,571	\$1,553	\$1,536	\$1,518	\$1,501	\$1,483	\$18,361
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$331	\$328	\$324	\$321	\$318	\$314	\$316	\$312	\$308	\$305	\$301	\$298	\$3,777
8. Investment Expenses														
a. Depreciation (e)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization (f)	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$37,583
c. Dismantlement (g)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$5,038</u>	<u>\$5,018</u>	<u>\$4,998</u>	<u>\$4,978</u>	<u>\$4,958</u>	<u>\$4,938</u>	<u>\$5,018</u>	<u>\$4,997</u>	<u>\$4,976</u>	<u>\$4,955</u>	<u>\$4,934</u>	<u>\$4,913</u>	<u>\$59,721</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	
3a. Less: Accumulated Depreciation	\$372,862	\$374,061	\$375,260	\$376,459	\$377,658	\$378,857	\$380,056	\$381,255	\$382,454	\$383,652	\$384,851	\$386,050	\$387,249	
3b. Less: Capital Recovery Unamortized Balance	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	(\$44,752)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$187,543	\$186,344	\$185,146	\$183,947	\$182,748	\$181,549	\$180,350	\$179,151	\$177,952	\$176,753	\$175,554	\$174,355	\$173,157	
6. Average Net Investment		\$186,944	\$185,745	\$184,546	\$183,347	\$182,148	\$180,949	\$179,750	\$178,552	\$177,353	\$176,154	\$174,955	\$173,756	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$984	\$978	\$971	\$965	\$959	\$952	\$1,007	\$1,001	\$994	\$987	\$980	\$974	\$11,753
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$207	\$206	\$204	\$203	\$202	\$201	\$202	\$201	\$200	\$198	\$197	\$196	\$2,417
8. Investment Expenses														
a. Depreciation (e)		\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$14,387
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$2,390	\$2,382	\$2,375	\$2,367	\$2,360	\$2,352	\$2,409	\$2,401	\$2,392	\$2,384	\$2,376	\$2,368	\$28,556

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		(\$15,886)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$15,886)
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		(\$1,613)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,613)
2. Plant-In-Service/Depreciation Base (b)	\$2,324,626	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	
3a. Less: Accumulated Depreciation	\$427,767	\$435,595	\$443,396	\$451,197	\$458,998	\$466,799	\$474,600	\$482,401	\$490,202	\$498,003	\$505,804	\$513,605	\$521,406	
3b. Less: Capital Recovery Unamortized Balance	(\$232,063)	(\$229,646)	(\$227,229)	(\$224,812)	(\$222,395)	(\$219,978)	(\$217,561)	(\$215,144)	(\$212,727)	(\$210,310)	(\$207,893)	(\$205,476)	(\$203,059)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$2,128,922	\$2,104,404	\$2,094,186	\$2,083,968	\$2,073,749	\$2,063,531	\$2,053,313	\$2,043,094	\$2,032,876	\$2,022,658	\$2,012,439	\$2,002,221	\$1,992,003	
6. Average Net Investment		\$2,116,663	\$2,099,295	\$2,089,077	\$2,078,858	\$2,068,640	\$2,058,422	\$2,048,203	\$2,037,985	\$2,027,767	\$2,017,548	\$2,007,330	\$1,997,112	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$11,142	\$11,050	\$10,997	\$10,943	\$10,889	\$10,835	\$11,478	\$11,421	\$11,364	\$11,307	\$11,249	\$11,192	\$133,867
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$2,345	\$2,326	\$2,315	\$2,304	\$2,292	\$2,281	\$2,305	\$2,294	\$2,282	\$2,271	\$2,259	\$2,248	\$27,524
8. Investment Expenses														
a. Depreciation (e)		\$7,828	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$93,638
b. Amortization (f)		\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$29,009
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$23,732	\$23,595	\$23,530	\$23,465	\$23,400	\$23,334	\$24,002	\$23,934	\$23,865	\$23,796	\$23,727	\$23,658	\$284,037	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724
3a. Less: Accumulated Depreciation	\$122,435	\$126,972	\$131,509	\$136,046	\$140,583	\$145,120	\$149,657	\$154,194	\$158,731	\$163,268	\$167,805	\$172,342	\$176,879	
3b. Less: Capital Recovery Unamortized Balance	(\$168,529)	(\$166,774)	(\$165,019)	(\$163,264)	(\$161,509)	(\$159,754)	(\$157,999)	(\$156,244)	(\$154,489)	(\$152,734)	(\$150,979)	(\$149,224)	(\$147,469)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$1,247,818	\$1,241,526	\$1,235,234	\$1,228,942	\$1,222,650	\$1,216,358	\$1,210,066	\$1,203,774	\$1,197,482	\$1,191,190	\$1,184,898	\$1,178,606	\$1,172,313	
6. Average Net Investment		\$1,244,672	\$1,238,380	\$1,232,088	\$1,225,796	\$1,219,504	\$1,213,212	\$1,206,920	\$1,200,628	\$1,194,336	\$1,188,044	\$1,181,752	\$1,175,459	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$6,552	\$6,519	\$6,485	\$6,452	\$6,419	\$6,386	\$6,764	\$6,729	\$6,693	\$6,658	\$6,623	\$6,587	\$78,867
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$1,379	\$1,372	\$1,365	\$1,358	\$1,351	\$1,344	\$1,359	\$1,351	\$1,344	\$1,337	\$1,330	\$1,323	\$16,216
8. Investment Expenses														
a. Depreciation (e)		\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$54,444
b. Amortization (f)		\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$1,755	\$21,060
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$14,223	\$14,183	\$14,143	\$14,103	\$14,063	\$14,023	\$14,414	\$14,372	\$14,330	\$14,287	\$14,245	\$14,203	\$170,588

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3a. Less: Accumulated Depreciation	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	\$21,854	
3b. Less: Capital Recovery Unamortized Balance	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	(\$44,384)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	
6. Average Net Investment		\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$119	\$119	\$119	\$119	\$119	\$119	\$126	\$126	\$126	\$126	\$126	\$126	\$1,469
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$302
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$152	\$152	\$152	\$152	\$152	\$152	\$1,771

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$12,372	(\$15,382)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,010)
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$1,433,062	\$0	\$0	\$0	\$0	\$0	\$42,421	\$1,475,483
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$5,837,840	\$5,837,840	\$5,837,840	\$5,837,840	\$5,837,840	\$5,837,840	\$7,270,902	\$7,270,902	\$7,270,902	\$7,270,902	\$7,270,902	\$7,270,902	\$7,313,323	
3a. Less: Accumulated Depreciation	\$384,568	\$391,865	\$399,162	\$406,460	\$413,757	\$421,054	\$429,247	\$438,336	\$447,424	\$456,513	\$465,602	\$474,690	\$483,805	
4. CWIP	\$1,478,493	\$1,478,493	\$1,478,493	\$1,490,865	\$1,475,483	\$1,475,483	\$42,421	\$42,421	\$42,421	\$42,421	\$42,421	\$42,421	\$42,421	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$6,931,765	\$6,924,468	\$6,917,170	\$6,922,245	\$6,899,566	\$6,892,269	\$6,884,076	\$6,874,987	\$6,865,899	\$6,856,810	\$6,847,722	\$6,838,633	\$6,829,518	
6. Average Net Investment		\$6,928,116	\$6,920,819	\$6,919,708	\$6,910,906	\$6,895,918	\$6,888,173	\$6,879,532	\$6,870,443	\$6,861,354	\$6,852,266	\$6,843,177	\$6,834,075	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$36,468	\$36,430	\$36,424	\$36,378	\$36,299	\$36,258	\$38,554	\$38,503	\$38,452	\$38,401	\$38,350	\$38,299	\$448,818
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$7,677	\$7,669	\$7,668	\$7,658	\$7,641	\$7,633	\$7,744	\$7,733	\$7,723	\$7,713	\$7,703	\$7,692	\$92,254
8. Investment Expenses														
a. Depreciation (e)		\$7,297	\$7,297	\$7,297	\$7,297	\$7,297	\$8,193	\$9,089	\$9,089	\$9,089	\$9,089	\$9,089	\$9,115	\$99,238
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$51,443	\$51,396	\$51,389	\$51,333	\$51,237	\$52,084	\$55,386	\$55,325	\$55,264	\$55,203	\$55,142	\$55,107	\$640,309

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632
3a. Less: Accumulated Depreciation	\$975,252	\$981,219	\$987,186	\$993,153	\$999,121	\$1,005,088	\$1,011,055	\$1,017,022	\$1,022,989	\$1,028,956	\$1,034,923	\$1,040,890	\$1,046,857	\$1,046,857
3b. Less: Capital Recovery Unamortized Balance	(\$297,029)	(\$293,928)	(\$290,827)	(\$287,726)	(\$284,625)	(\$281,524)	(\$278,423)	(\$275,322)	(\$272,221)	(\$269,120)	(\$266,019)	(\$262,918)	(\$259,817)	(\$259,817)
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$1,612,409	\$1,603,341	\$1,594,273	\$1,585,205	\$1,576,137	\$1,567,068	\$1,558,000	\$1,548,932	\$1,539,864	\$1,530,796	\$1,521,728	\$1,512,660	\$1,503,592	
6. Average Net Investment		\$1,607,875	\$1,598,807	\$1,589,739	\$1,580,671	\$1,571,602	\$1,562,534	\$1,553,466	\$1,544,398	\$1,535,330	\$1,526,262	\$1,517,194	\$1,508,126	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$8,464	\$8,416	\$8,368	\$8,320	\$8,273	\$8,225	\$8,706	\$8,655	\$8,604	\$8,553	\$8,503	\$8,452	\$101,538
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$1,782	\$1,772	\$1,762	\$1,752	\$1,741	\$1,731	\$1,749	\$1,738	\$1,728	\$1,718	\$1,708	\$1,698	\$20,878
8. Investment Expenses														
a. Depreciation (e)		\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$71,605
b. Amortization (f)		\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$37,212
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$19,313	\$19,256	\$19,198	\$19,140	\$19,082	\$19,024	\$19,523	\$19,462	\$19,401	\$19,339	\$19,278	\$19,217	\$231,233

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550
3a. Less: Accumulated Depreciation	\$1,327,497	\$1,338,672	\$1,349,847	\$1,361,022	\$1,372,197	\$1,383,372	\$1,394,547	\$1,405,722	\$1,416,897	\$1,428,072	\$1,439,247	\$1,450,422	\$1,461,597	\$1,461,597
3b. Less: Capital Recovery Unamortized Balance	(\$2,228,226)	(\$2,205,023)	(\$2,181,820)	(\$2,158,617)	(\$2,135,414)	(\$2,112,211)	(\$2,089,008)	(\$2,065,805)	(\$2,042,602)	(\$2,019,399)	(\$1,996,196)	(\$1,972,993)	(\$1,949,790)	(\$1,949,790)
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$4,417,279	\$4,382,901	\$4,348,523	\$4,314,144	\$4,279,766	\$4,245,388	\$4,211,010	\$4,176,631	\$4,142,253	\$4,107,875	\$4,073,497	\$4,039,118	\$4,004,740	\$4,004,740
6. Average Net Investment		\$4,400,090	\$4,365,712	\$4,331,333	\$4,296,955	\$4,262,577	\$4,228,199	\$4,193,820	\$4,159,442	\$4,125,064	\$4,090,686	\$4,056,307	\$4,021,929	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$23,161	\$22,980	\$22,799	\$22,618	\$22,437	\$22,256	\$23,503	\$23,310	\$23,118	\$22,925	\$22,732	\$22,540	\$274,381
b. Debt Component (Line 6 x debt rate x 1/12) (d)(i)		\$4,876	\$4,838	\$4,800	\$4,761	\$4,723	\$4,685	\$4,721	\$4,682	\$4,643	\$4,604	\$4,566	\$4,527	\$56,426
8. Investment Expenses														
a. Depreciation (e)		\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$134,105
b. Amortization (f)		\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$278,434
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$62,415	\$62,196	\$61,977	\$61,758	\$61,539	\$61,320	\$62,602	\$62,370	\$62,139	\$61,908	\$61,676	\$61,445	\$743,346

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	
3a. Less: Accumulated Depreciation	\$29,283	\$29,415	\$29,547	\$29,680	\$29,812	\$29,944	\$30,076	\$30,208	\$30,340	\$30,472	\$30,605	\$30,737	\$30,869	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$1,747</u>	<u>\$1,615</u>	<u>\$1,483</u>	<u>\$1,350</u>	<u>\$1,218</u>	<u>\$1,086</u>	<u>\$954</u>	<u>\$822</u>	<u>\$690</u>	<u>\$558</u>	<u>\$425</u>	<u>\$293</u>	<u>\$161</u>	
6. Average Net Investment		\$1,681	\$1,549	\$1,417	\$1,284	\$1,152	\$1,020	\$888	\$756	\$624	\$492	\$359	\$227	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$9	\$8	\$7	\$7	\$6	\$5	\$5	\$4	\$3	\$3	\$2	\$1	\$61
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$2	\$2	\$2	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$0	\$0	\$13
8. Investment Expenses														
a. Depreciation (e)		\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$1,586
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$143</u>	<u>\$142</u>	<u>\$141</u>	<u>\$140</u>	<u>\$139</u>	<u>\$139</u>	<u>\$138</u>	<u>\$137</u>	<u>\$136</u>	<u>\$135</u>	<u>\$135</u>	<u>\$134</u>	<u>\$134</u>	<u>\$1,660</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment Distribution														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$20,503	\$0	\$0	\$0	\$0	\$0	\$0	\$20,503
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$2,995	\$2,995	\$2,995	\$2,995	\$2,995	\$2,995	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	
3a. Less: Accumulated Depreciation	\$329	\$334	\$339	\$344	\$349	\$354	\$374	\$409	\$443	\$478	\$513	\$548	\$583	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)
5. Net Investment (Lines 2 - 3 + 4)	<u>\$2,667</u>	<u>\$2,662</u>	<u>\$2,657</u>	<u>\$2,652</u>	<u>\$2,647</u>	<u>\$2,642</u>	<u>\$2,622</u>	<u>\$2,587</u>	<u>\$2,552</u>	<u>\$2,517</u>	<u>\$2,482</u>	<u>\$2,447</u>	<u>\$2,412</u>	
6. Average Net Investment		\$2,664	\$2,659	\$2,654	\$2,649	\$2,644	\$2,632	\$2,604	\$2,569	\$2,534	\$2,500	\$2,465	\$2,430	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$14	\$14	\$14	\$14	\$14	\$14	\$15	\$14	\$14	\$14	\$14	\$14	\$168
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$35
8. Investment Expenses														
a. Depreciation (e)		\$5	\$5	\$5	\$5	\$5	\$20	\$35	\$35	\$35	\$35	\$35	\$35	\$254
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$22</u>	<u>\$22</u>	<u>\$22</u>	<u>\$22</u>	<u>\$22</u>	<u>\$37</u>	<u>\$52</u>	<u>\$52</u>	<u>\$52</u>	<u>\$52</u>	<u>\$51</u>	<u>\$51</u>	<u>\$457</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	
3a. Less: Accumulated Depreciation	\$1,003	\$1,009	\$1,014	\$1,020	\$1,025	\$1,031	\$1,036	\$1,042	\$1,047	\$1,053	\$1,058	\$1,064	\$1,069	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$3,410</u>	<u>\$3,404</u>	<u>\$3,399</u>	<u>\$3,393</u>	<u>\$3,388</u>	<u>\$3,382</u>	<u>\$3,377</u>	<u>\$3,371</u>	<u>\$3,365</u>	<u>\$3,360</u>	<u>\$3,354</u>	<u>\$3,349</u>	<u>\$3,343</u>	
6. Average Net Investment		\$3,407	\$3,401	\$3,396	\$3,390	\$3,385	\$3,379	\$3,374	\$3,368	\$3,363	\$3,357	\$3,352	\$3,346	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$18	\$18	\$18	\$18	\$18	\$18	\$19	\$19	\$19	\$19	\$19	\$19	\$220
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$45
8. Investment Expenses														
a. Depreciation (e)		\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$66
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$27</u>	<u>\$27</u>	<u>\$27</u>	<u>\$27</u>	<u>\$27</u>	<u>\$27</u>	<u>\$28</u>	<u>\$28</u>	<u>\$28</u>	<u>\$28</u>	<u>\$28</u>	<u>\$28</u>	<u>\$332</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$252,042	\$162,622	\$209,292	\$44,387	\$44,387	\$22,194	\$734,924
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,797	\$0	\$0	(\$8,858)	\$544,158	\$615,098
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,858)	\$0	(\$8,858)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$518,585	\$518,585	\$518,585	\$509,727	\$1,053,886	
3a. Less: Accumulated Depreciation	(\$29,508)	(\$25,895)	(\$22,282)	(\$18,669)	(\$15,056)	(\$11,443)	(\$7,831)	(\$4,218)	\$60	\$5,003	\$9,946	\$14,836	\$20,392	
3b. Less: Capital Recovery Unamortized Balance	\$176	\$174	\$172	\$170	\$168	\$167	\$165	\$163	\$161	\$159	\$157	\$156	\$154	
4. CWIP	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$252,045	\$334,870	\$544,162	\$588,549	\$632,937	\$110,972	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$468,123</u>	<u>\$464,512</u>	<u>\$460,901</u>	<u>\$457,290</u>	<u>\$453,679</u>	<u>\$450,068</u>	<u>\$446,457</u>	<u>\$694,888</u>	<u>\$853,234</u>	<u>\$1,057,585</u>	<u>\$1,097,031</u>	<u>\$1,136,530</u>	<u>\$1,153,169</u>	
6. Average Net Investment		\$466,317	\$462,706	\$459,095	\$455,484	\$451,873	\$448,262	\$570,672	\$774,061	\$955,409	\$1,077,308	\$1,116,780	\$1,144,850	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$2,455	\$2,436	\$2,417	\$2,398	\$2,379	\$2,360	\$3,198	\$4,338	\$5,354	\$6,037	\$6,259	\$6,416	\$46,045
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$517	\$513	\$509	\$505	\$501	\$497	\$642	\$871	\$1,075	\$1,213	\$1,257	\$1,289	\$9,388
8. Investment Expenses														
a. Depreciation (e)		\$3,613	\$3,613	\$3,613	\$3,613	\$3,613	\$3,613	\$3,613	\$4,278	\$4,943	\$4,943	\$4,890	\$5,556	\$49,899
b. Amortization (f)		(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$22)
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$6,582</u>	<u>\$6,559</u>	<u>\$6,536</u>	<u>\$6,513</u>	<u>\$6,490</u>	<u>\$6,467</u>	<u>\$7,452</u>	<u>\$9,485</u>	<u>\$11,371</u>	<u>\$12,191</u>	<u>\$12,404</u>	<u>\$13,259</u>	<u>\$105,310</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$327,358	\$205,013	\$295,108	\$56,493	\$56,493	\$28,246	\$968,712
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$60,198	\$0	\$0	(\$12,489)	\$767,282	\$814,990
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$12,489)	\$0	(\$12,489)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$419,360	\$419,360	\$419,360	\$419,360	\$419,360	\$419,360	\$419,360	\$419,360	\$479,558	\$479,558	\$479,558	\$467,068	\$1,234,350	
3a. Less: Accumulated Depreciation	\$106,384	\$109,338	\$112,292	\$115,247	\$118,201	\$121,155	\$124,109	\$127,063	\$130,519	\$134,477	\$138,434	\$129,828	\$134,650	
4. CWIP	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	(\$4)	\$327,355	\$472,170	\$767,278	\$823,771	\$880,263	\$141,228
5. Net Investment (Lines 2 - 3 + 4)	\$312,972	\$310,018	\$307,064	\$304,109	\$301,155	\$298,201	\$295,247	\$619,651	\$821,208	\$1,112,359	\$1,164,894	\$1,217,503	\$1,240,928	
6. Average Net Investment		\$311,495	\$308,541	\$305,586	\$302,632	\$299,678	\$296,724	\$457,449	\$720,429	\$966,783	\$1,138,626	\$1,191,199	\$1,229,216	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,640	\$1,624	\$1,609	\$1,593	\$1,577	\$1,562	\$2,564	\$4,037	\$5,418	\$6,381	\$6,676	\$6,889	\$41,569
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$345	\$342	\$339	\$335	\$332	\$329	\$515	\$811	\$1,088	\$1,282	\$1,341	\$1,384	\$8,442
8. Investment Expenses														
a. Depreciation (e)		\$2,954	\$2,954	\$2,954	\$2,954	\$2,954	\$2,954	\$2,954	\$3,456	\$3,958	\$3,958	\$3,883	\$4,822	\$40,756
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$4,939	\$4,920	\$4,901	\$4,883	\$4,864	\$4,845	\$4,845	\$6,033	\$8,304	\$10,464	\$11,620	\$11,900	\$13,095	\$90,767

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
10 - Relocate Storm Water Runoff Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	
3a. Less: Accumulated Depreciation	\$69,128	\$69,349	\$69,570	\$69,791	\$70,011	\$70,232	\$70,453	\$70,674	\$70,895	\$71,116	\$71,337	\$71,557	\$71,778	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$48,666	\$48,445	\$48,224	\$48,003	\$47,782	\$47,562	\$47,341	\$47,120	\$46,899	\$46,678	\$46,457	\$46,236	\$46,016	
6. Average Net Investment		\$48,555	\$48,335	\$48,114	\$47,893	\$47,672	\$47,451	\$47,230	\$47,009	\$46,789	\$46,568	\$46,347	\$46,126	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$256	\$254	\$253	\$252	\$251	\$250	\$265	\$263	\$262	\$261	\$260	\$258	\$3,086
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$54	\$54	\$53	\$53	\$53	\$53	\$53	\$53	\$53	\$52	\$52	\$52	\$634
8. Investment Expenses														
a. Depreciation (e)		\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$2,650
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$530	\$529	\$527	\$526	\$525	\$523	\$539	\$537	\$536	\$534	\$533	\$531	\$6,370

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
12 - Scherer Discharge Pipeline Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	
3a. Less: Accumulated Depreciation	\$599,758	\$601,031	\$602,303	\$603,576	\$604,848	\$606,121	\$607,394	\$608,666	\$609,939	\$611,211	\$612,484	\$613,757	\$615,029	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$254,566	\$253,293	\$252,020	\$250,748	\$249,475	\$248,203	\$246,930	\$245,657	\$244,385	\$243,112	\$241,840	\$240,567	\$239,294	
6. Average Net Investment		\$253,929	\$252,657	\$251,384	\$250,112	\$248,839	\$247,566	\$246,294	\$245,021	\$243,749	\$242,476	\$241,203	\$239,931	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,337	\$1,330	\$1,323	\$1,317	\$1,310	\$1,303	\$1,380	\$1,373	\$1,366	\$1,359	\$1,352	\$1,345	\$16,094
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$281	\$280	\$279	\$277	\$276	\$274	\$277	\$276	\$274	\$273	\$271	\$270	\$3,309
8. Investment Expenses														
a. Depreciation (e)		\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$15,271
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$2,891	\$2,883	\$2,874	\$2,866	\$2,858	\$2,850	\$2,842	\$2,834	\$2,826	\$2,818	\$2,810	\$2,802	\$2,794	\$34,674

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
20 - Wastewater Discharge Elimination & Reuse														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3a. Less: Accumulated Depreciation	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712
6. Average Net Investment		\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$2,799	\$2,799	\$2,799	\$2,799	\$2,799	\$2,799	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$34,672
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$589	\$589	\$589	\$589	\$589	\$589	\$598	\$598	\$598	\$598	\$598	\$598	\$7,126
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$3,388	\$3,388	\$3,388	\$3,388	\$3,388	\$3,388	\$3,388	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$41,798

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
21 - St. Lucie Turtle Nets Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	
3a. Less: Accumulated Depreciation	(\$586,541)	(\$573,586)	(\$560,631)	(\$547,675)	(\$534,720)	(\$521,764)	(\$508,809)	(\$495,853)	(\$482,898)	(\$469,943)	(\$456,987)	(\$444,032)	(\$431,076)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$7,496,100	\$7,483,145	\$7,470,189	\$7,457,234	\$7,444,278	\$7,431,323	\$7,418,367	\$7,405,412	\$7,392,457	\$7,379,501	\$7,366,546	\$7,353,590	\$7,340,635	
6. Average Net Investment		\$7,489,622	\$7,476,667	\$7,463,711	\$7,450,756	\$7,437,801	\$7,424,845	\$7,411,890	\$7,398,934	\$7,385,979	\$7,373,023	\$7,360,068	\$7,347,113	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$39,424	\$39,356	\$39,288	\$39,219	\$39,151	\$39,083	\$41,538	\$41,465	\$41,392	\$41,320	\$41,247	\$41,175	\$483,657
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$8,299	\$8,285	\$8,271	\$8,256	\$8,242	\$8,227	\$8,343	\$8,328	\$8,314	\$8,299	\$8,284	\$8,270	\$99,418
8. Investment Expenses														
a. Depreciation (e)		\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$155,465
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$60,679	\$60,596	\$60,514	\$60,431	\$60,348	\$60,266	\$62,836	\$62,749	\$62,661	\$62,574	\$62,487	\$62,400	\$738,541

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
22 - Pipeline Integrity Management														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262
3a. Less: Accumulated Depreciation	\$222,522	\$225,900	\$229,278	\$232,656	\$236,034	\$239,412	\$242,790	\$246,168	\$249,546	\$252,924	\$256,303	\$259,681	\$263,059	\$263,059
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$1,321,740</u>	<u>\$1,318,362</u>	<u>\$1,314,984</u>	<u>\$1,311,605</u>	<u>\$1,308,227</u>	<u>\$1,304,849</u>	<u>\$1,301,471</u>	<u>\$1,298,093</u>	<u>\$1,294,715</u>	<u>\$1,291,337</u>	<u>\$1,287,959</u>	<u>\$1,284,581</u>	<u>\$1,281,203</u>	
6. Average Net Investment		\$1,320,051	\$1,316,673	\$1,313,294	\$1,309,916	\$1,306,538	\$1,303,160	\$1,299,782	\$1,296,404	\$1,293,026	\$1,289,648	\$1,286,270	\$1,282,892	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$6,949	\$6,931	\$6,913	\$6,895	\$6,877	\$6,860	\$7,284	\$7,265	\$7,246	\$7,227	\$7,208	\$7,190	\$84,846
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$1,463	\$1,459	\$1,455	\$1,452	\$1,448	\$1,444	\$1,463	\$1,459	\$1,455	\$1,452	\$1,448	\$1,444	\$17,442
8. Investment Expenses														
a. Depreciation (e)		\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$40,537
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$11,789</u>	<u>\$11,768</u>	<u>\$11,746</u>	<u>\$11,725</u>	<u>\$11,703</u>	<u>\$11,682</u>	<u>\$12,125</u>	<u>\$12,103</u>	<u>\$12,080</u>	<u>\$12,057</u>	<u>\$12,034</u>	<u>\$12,012</u>	<u>\$142,824</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
22 - Pipeline Integrity Management														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	
3a. Less: Accumulated Depreciation	\$190,031	\$193,011	\$195,992	\$198,972	\$201,953	\$204,933	\$207,914	\$210,894	\$213,874	\$216,855	\$219,835	\$222,816	\$225,796	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$1,138,499	\$1,135,518	\$1,132,538	\$1,129,558	\$1,126,577	\$1,123,597	\$1,120,616	\$1,117,636	\$1,114,655	\$1,111,675	\$1,108,694	\$1,105,714	\$1,102,734	
6. Average Net Investment		\$1,137,009	\$1,134,028	\$1,131,048	\$1,128,067	\$1,125,087	\$1,122,106	\$1,119,126	\$1,116,146	\$1,113,165	\$1,110,185	\$1,107,204	\$1,104,224	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$5,985	\$5,969	\$5,954	\$5,938	\$5,922	\$5,907	\$6,272	\$6,255	\$6,238	\$6,222	\$6,205	\$6,188	\$73,055
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$1,260	\$1,257	\$1,253	\$1,250	\$1,247	\$1,243	\$1,260	\$1,256	\$1,253	\$1,250	\$1,246	\$1,243	\$15,018
8. Investment Expenses														
a. Depreciation (e)		\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$35,765
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$10,225	\$10,206	\$10,187	\$10,168	\$10,149	\$10,130	\$10,512	\$10,492	\$10,472	\$10,452	\$10,432	\$10,412	\$123,838

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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FORM: 42-8E

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435
3a. Less: Accumulated Depreciation	\$618,217	\$630,518	\$642,819	\$655,119	\$667,420	\$679,721	\$692,022	\$704,323	\$716,624	\$728,924	\$741,225	\$753,526	\$765,827	\$765,827
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$2,627,218</u>	<u>\$2,614,917</u>	<u>\$2,602,616</u>	<u>\$2,590,315</u>	<u>\$2,578,014</u>	<u>\$2,565,714</u>	<u>\$2,553,413</u>	<u>\$2,541,112</u>	<u>\$2,528,811</u>	<u>\$2,516,510</u>	<u>\$2,504,209</u>	<u>\$2,491,908</u>	<u>\$2,479,608</u>	
6. Average Net Investment		\$2,621,067	\$2,608,766	\$2,596,466	\$2,584,165	\$2,571,864	\$2,559,563	\$2,547,262	\$2,534,961	\$2,522,661	\$2,510,360	\$2,498,059	\$2,485,758	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$13,797	\$13,732	\$13,667	\$13,603	\$13,538	\$13,473	\$14,275	\$14,206	\$14,137	\$14,069	\$14,000	\$13,931	\$166,427
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$2,904	\$2,891	\$2,877	\$2,864	\$2,850	\$2,836	\$2,867	\$2,853	\$2,840	\$2,826	\$2,812	\$2,798	\$34,217
8. Investment Expenses														
a. Depreciation (e)		\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$147,610
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$29,002</u>	<u>\$28,924</u>	<u>\$28,845</u>	<u>\$28,767</u>	<u>\$28,689</u>	<u>\$28,610</u>	<u>\$28,532</u>	<u>\$29,443</u>	<u>\$29,361</u>	<u>\$29,278</u>	<u>\$29,195</u>	<u>\$29,112</u>	<u>\$29,029</u>	<u>\$348,255</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures Distribution														
1. Investments														
a. Expenditures/Additions		\$0	(\$10,962)	\$43,669	\$16,183	\$7,379	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$56,268
b. Clearings to Plant		\$0	\$27,343	\$0	\$0	\$0	\$44,701	\$0	\$0	\$0	\$7,122	\$0	\$0	\$79,166
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$3,373,917	\$3,373,917	\$3,401,260	\$3,401,260	\$3,401,260	\$3,401,260	\$3,445,961	\$3,445,961	\$3,445,961	\$3,445,961	\$3,453,083	\$3,453,083	\$3,453,083	
3a. Less: Accumulated Depreciation	\$921,374	\$926,309	\$931,264	\$936,239	\$941,214	\$946,189	\$951,196	\$956,227	\$961,267	\$966,307	\$971,352	\$976,402	\$981,453	
4. CWIP	\$46,963	\$46,963	\$36,002	\$79,670	\$95,853	\$103,232	\$58,531	\$58,531	\$58,531	\$58,531	\$51,409	\$51,409	\$51,409	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$2,499,506</u>	<u>\$2,494,571</u>	<u>\$2,505,998</u>	<u>\$2,544,691</u>	<u>\$2,555,899</u>	<u>\$2,558,303</u>	<u>\$2,553,295</u>	<u>\$2,548,265</u>	<u>\$2,543,225</u>	<u>\$2,538,185</u>	<u>\$2,533,140</u>	<u>\$2,528,089</u>	<u>\$2,523,039</u>	
6. Average Net Investment		\$2,497,039	\$2,500,284	\$2,525,344	\$2,550,295	\$2,557,101	\$2,555,799	\$2,550,780	\$2,545,745	\$2,540,705	\$2,535,662	\$2,530,614	\$2,525,564	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$13,144	\$13,161	\$13,293	\$13,424	\$13,460	\$13,453	\$14,295	\$14,267	\$14,239	\$14,210	\$14,182	\$14,154	\$165,282
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$2,767	\$2,771	\$2,798	\$2,826	\$2,834	\$2,832	\$2,871	\$2,865	\$2,860	\$2,854	\$2,848	\$2,843	\$33,969
8. Investment Expenses														
a. Depreciation (e)		\$4,935	\$4,955	\$4,975	\$4,975	\$4,975	\$5,007	\$5,031	\$5,040	\$5,040	\$5,045	\$5,050	\$5,050	\$60,079
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$20,846</u>	<u>\$20,887</u>	<u>\$21,066</u>	<u>\$21,225</u>	<u>\$21,268</u>	<u>\$21,293</u>	<u>\$22,197</u>	<u>\$22,172</u>	<u>\$22,138</u>	<u>\$22,110</u>	<u>\$22,081</u>	<u>\$22,047</u>	<u>\$259,330</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	
3a. Less: Accumulated Depreciation	\$35,393	\$35,576	\$35,759	\$35,943	\$36,126	\$36,309	\$36,493	\$36,676	\$36,859	\$37,043	\$37,226	\$37,409	\$37,593	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$111,299	\$111,115	\$110,932	\$110,749	\$110,565	\$110,382	\$110,199	\$110,015	\$109,832	\$109,649	\$109,465	\$109,282	\$109,098	
6. Average Net Investment		\$111,207	\$111,024	\$110,840	\$110,657	\$110,474	\$110,290	\$110,107	\$109,924	\$109,740	\$109,557	\$109,374	\$109,190	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$585	\$584	\$583	\$582	\$582	\$581	\$617	\$616	\$615	\$614	\$613	\$612	\$7,185
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$123	\$123	\$123	\$123	\$122	\$122	\$124	\$124	\$124	\$123	\$123	\$123	\$1,477
8. Investment Expenses														
a. Depreciation (e)		\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$2,200
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$892	\$891	\$890	\$888	\$887	\$886	\$924	\$923	\$922	\$921	\$919	\$918	\$10,862

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,440	\$100,880	\$100,880	\$0	\$0	\$252,200
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$252,200	\$252,200
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$4,983,517	\$5,235,717	
3a. Less: Accumulated Depreciation	\$627,776	\$639,657	\$651,538	\$663,420	\$675,301	\$687,183	\$699,064	\$710,946	\$722,827	\$734,708	\$746,590	\$758,471	\$770,716	
3b. Less: Capital Recovery Unamortized Balance	(\$1,015,825)	(\$1,005,211)	(\$994,596)	(\$983,982)	(\$973,368)	(\$962,753)	(\$952,139)	(\$941,525)	(\$930,910)	(\$920,296)	(\$909,682)	(\$899,067)	(\$888,453)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,440	\$151,320	\$252,200	\$252,200	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$5,371,566	\$5,349,070	\$5,326,575	\$5,304,079	\$5,281,583	\$5,259,087	\$5,236,592	\$5,214,096	\$5,242,040	\$5,320,424	\$5,398,808	\$5,376,313	\$5,353,453	
6. Average Net Investment		\$5,360,318	\$5,337,823	\$5,315,327	\$5,292,831	\$5,270,335	\$5,247,839	\$5,225,344	\$5,228,068	\$5,281,232	\$5,359,616	\$5,387,561	\$5,364,883	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$28,216	\$28,097	\$27,979	\$27,860	\$27,742	\$27,624	\$29,284	\$29,299	\$29,597	\$30,036	\$30,193	\$30,066	\$345,993
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$5,940	\$5,915	\$5,890	\$5,865	\$5,840	\$5,815	\$5,882	\$5,885	\$5,945	\$6,033	\$6,064	\$6,039	\$71,111
8. Investment Expenses														
a. Depreciation (e)		\$11,881	\$11,881	\$11,881	\$11,881	\$11,881	\$11,881	\$11,881	\$11,881	\$11,881	\$11,881	\$11,881	\$12,245	\$142,941
b. Amortization (f)		\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$127,372
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$56,651	\$56,508	\$56,365	\$56,221	\$56,078	\$55,935	\$57,661	\$57,680	\$58,037	\$58,565	\$58,753	\$58,964	\$687,417

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$403,520	\$0	\$0	\$403,520
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$403,520	\$403,520
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,078,932	\$3,482,452	
3a. Less: Accumulated Depreciation	\$1,165,236	\$1,176,938	\$1,188,640	\$1,200,342	\$1,212,044	\$1,223,746	\$1,235,448	\$1,247,149	\$1,258,851	\$1,270,553	\$1,282,255	\$1,293,957	\$1,306,407	
3b. Less: Capital Recovery Unamortized Balance	(\$1,254,179)	(\$1,241,148)	(\$1,228,116)	(\$1,215,085)	(\$1,202,053)	(\$1,189,022)	(\$1,175,990)	(\$1,162,959)	(\$1,149,927)	(\$1,136,896)	(\$1,123,864)	(\$1,110,833)	(\$1,097,801)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$403,520	\$403,520	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$3,167,876	\$3,143,142	\$3,118,409	\$3,093,675	\$3,068,942	\$3,044,208	\$3,019,475	\$2,994,741	\$2,970,008	\$2,945,274	\$3,324,061	\$3,299,327	\$3,273,846	
6. Average Net Investment		\$3,155,509	\$3,130,775	\$3,106,042	\$3,081,308	\$3,056,575	\$3,031,841	\$3,007,108	\$2,982,375	\$2,957,641	\$3,134,668	\$3,311,694	\$3,286,587	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$16,610	\$16,480	\$16,350	\$16,219	\$16,089	\$15,959	\$16,852	\$16,714	\$16,575	\$17,567	\$18,559	\$18,419	\$202,394
b. Debt Component (Line 6 x debt rate x 1/12) (d)(i)		\$3,497	\$3,469	\$3,442	\$3,414	\$3,387	\$3,360	\$3,385	\$3,357	\$3,329	\$3,528	\$3,728	\$3,699	\$41,595
8. Investment Expenses														
a. Depreciation (e)		\$11,702	\$11,702	\$11,702	\$11,702	\$11,702	\$11,702	\$11,702	\$11,702	\$11,702	\$11,702	\$11,702	\$12,450	\$141,172
b. Amortization (f)		\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$156,378
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$44,840	\$44,682	\$44,525	\$44,367	\$44,210	\$44,052	\$44,971	\$44,804	\$44,638	\$45,829	\$47,020	\$47,600	\$541,538

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Transmission														
1. Investments														
a. Expenditures/Additions		\$16,482	\$5,272	\$1,895	\$1,721	\$188,742	\$0	\$224,629	\$0	\$0	\$0	\$0	\$0	\$438,741
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$2,698,829	\$224,629	\$0	\$0	\$0	\$0	\$0	\$2,923,458
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,393,224	\$1,393,224	\$1,393,224	\$1,393,224	\$1,393,224	\$1,393,224	\$4,092,053	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682
3a. Less: Accumulated Depreciation	\$391,083	\$393,116	\$395,149	\$397,183	\$399,216	\$401,250	\$405,577	\$412,390	\$419,393	\$426,396	\$433,400	\$440,403	\$447,406	
4. CWIP	\$2,484,717	\$2,501,199	\$2,508,471	\$2,508,366	\$2,510,087	\$2,698,829	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$3,486,858	\$3,501,306	\$3,504,545	\$3,504,407	\$3,504,095	\$3,690,803	\$3,686,475	\$3,904,292	\$3,897,289	\$3,890,285	\$3,883,282	\$3,876,279	\$3,869,275	
6. Average Net Investment		\$3,494,082	\$3,502,926	\$3,504,476	\$3,504,251	\$3,597,449	\$3,688,639	\$3,795,384	\$3,900,790	\$3,893,787	\$3,886,784	\$3,879,780	\$3,872,777	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$18,392	\$18,439	\$18,447	\$18,446	\$18,936	\$19,416	\$21,270	\$21,861	\$21,821	\$21,782	\$21,743	\$21,704	\$242,257
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$3,872	\$3,882	\$3,883	\$3,883	\$3,986	\$4,087	\$4,272	\$4,391	\$4,383	\$4,375	\$4,367	\$4,359	\$49,740
8. Investment Expenses														
a. Depreciation (e)		\$2,033	\$2,033	\$2,033	\$2,033	\$2,033	\$4,327	\$6,812	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$56,324
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$24,297	\$24,354	\$24,364	\$24,362	\$24,956	\$27,831	\$32,355	\$33,255	\$33,208	\$33,161	\$33,113	\$33,066	\$348,322

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
24 - Manatee Reburn Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$5,796	\$10,214	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16,010
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$31,847,709	\$31,853,505	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	
3a. Less: Accumulated Depreciation	\$11,424,851	\$11,552,496	\$11,680,173	\$11,807,869	\$11,935,565	\$12,063,261	\$12,190,958	\$12,318,654	\$12,446,350	\$12,574,046	\$12,701,742	\$12,829,439	\$12,957,135	
4. CWIP	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
5. Net Investment (Lines 2 - 3 + 4)	\$20,422,858	\$20,301,008	\$20,183,546	\$20,055,850	\$19,928,153	\$19,800,457	\$19,672,761	\$19,545,065	\$19,417,369	\$19,289,672	\$19,161,976	\$19,034,280	\$18,906,584	
6. Average Net Investment		\$20,361,933	\$20,242,277	\$20,119,698	\$19,992,002	\$19,864,305	\$19,736,609	\$19,608,913	\$19,481,217	\$19,353,521	\$19,225,824	\$19,098,128	\$18,970,432	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$107,181	\$106,552	\$105,906	\$105,234	\$104,562	\$103,890	\$109,892	\$109,176	\$108,461	\$107,745	\$107,029	\$106,314	\$1,281,942
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$22,563	\$22,430	\$22,295	\$22,153	\$22,012	\$21,870	\$22,072	\$21,928	\$21,784	\$21,641	\$21,497	\$21,353	\$263,598
8. Investment Expenses														
a. Depreciation (e)		\$127,646	\$127,676	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$1,532,284
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$257,390	\$256,658	\$255,897	\$255,084	\$254,270	\$253,456	\$259,660	\$258,800	\$257,941	\$257,082	\$256,222	\$255,363	\$3,077,824

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
26 - UST Remove/Replacement														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	
3a. Less: Accumulated Depreciation	\$51,171	\$51,316	\$51,460	\$51,604	\$51,748	\$51,893	\$52,037	\$52,181	\$52,326	\$52,470	\$52,614	\$52,759	\$52,903	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$64,275</u>	<u>\$64,131</u>	<u>\$63,987</u>	<u>\$63,843</u>	<u>\$63,698</u>	<u>\$63,554</u>	<u>\$63,410</u>	<u>\$63,265</u>	<u>\$63,121</u>	<u>\$62,977</u>	<u>\$62,832</u>	<u>\$62,688</u>	<u>\$62,544</u>	
6. Average Net Investment		\$64,203	\$64,059	\$63,915	\$63,770	\$63,626	\$63,482	\$63,337	\$63,193	\$63,049	\$62,905	\$62,760	\$62,616	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$338	\$337	\$336	\$336	\$335	\$334	\$355	\$354	\$353	\$353	\$352	\$351	\$4,134
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$71	\$71	\$71	\$71	\$71	\$70	\$71	\$71	\$71	\$71	\$71	\$70	\$850
8. Investment Expenses														
a. Depreciation (e)		\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$1,732
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$553</u>	<u>\$552</u>	<u>\$552</u>	<u>\$551</u>	<u>\$550</u>	<u>\$549</u>	<u>\$571</u>	<u>\$570</u>	<u>\$569</u>	<u>\$568</u>	<u>\$567</u>	<u>\$566</u>	<u>\$6,715</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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28 - CWA 316(b) Phase II Rule														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,614,080	\$420,007	\$2,034,087
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,034,087	\$2,034,087
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$771,310	\$2,805,397	
3a. Less: Accumulated Depreciation	\$24,767	\$26,496	\$28,225	\$29,954	\$31,683	\$33,412	\$35,141	\$36,870	\$38,599	\$40,328	\$42,057	\$43,786	\$47,795	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,614,080	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$746,543</u>	<u>\$744,814</u>	<u>\$743,085</u>	<u>\$741,356</u>	<u>\$739,627</u>	<u>\$737,898</u>	<u>\$736,169</u>	<u>\$734,440</u>	<u>\$732,711</u>	<u>\$730,982</u>	<u>\$729,253</u>	<u>\$2,341,604</u>	<u>\$2,757,602</u>	
6. Average Net Investment		\$745,679	\$743,950	\$742,221	\$740,492	\$738,763	\$737,034	\$735,305	\$733,576	\$731,847	\$730,118	\$1,535,429	\$2,549,603	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$3,925	\$3,916	\$3,907	\$3,898	\$3,889	\$3,880	\$4,121	\$4,111	\$4,101	\$4,092	\$8,605	\$14,288	\$62,732
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$826	\$824	\$822	\$821	\$819	\$817	\$828	\$826	\$824	\$822	\$1,728	\$2,870	\$12,826
8. Investment Expenses														
a. Depreciation (e)		\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$1,729	\$4,009	\$23,028
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$6,480</u>	<u>\$6,469</u>	<u>\$6,458</u>	<u>\$6,447</u>	<u>\$6,436</u>	<u>\$6,425</u>	<u>\$6,677</u>	<u>\$6,666</u>	<u>\$6,654</u>	<u>\$6,643</u>	<u>\$12,062</u>	<u>\$21,167</u>	<u>\$98,587</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$16,431	\$10,364	\$28,592	\$23,373	\$76,516	\$156,631	\$156,631	\$156,631	\$156,631	\$156,631	\$313,264	\$1,251,694
b. Clearings to Plant		\$15,838	\$0	\$0	\$0	\$0	\$0	(\$12,507)	\$0	\$0	\$0	\$0	\$78,759	\$82,090
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	(\$12,507)	\$0	\$0	\$0	\$0	\$0	(\$12,507)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$357,929,865	\$357,945,703	\$357,945,703	\$357,945,703	\$357,945,703	\$357,945,703	\$357,945,703	\$357,933,196	\$357,933,196	\$357,933,196	\$357,933,196	\$357,933,196	\$358,011,955	
3a. Less: Accumulated Depreciation	\$68,217,484	\$69,010,587	\$69,803,706	\$70,596,825	\$71,389,943	\$72,183,062	\$72,976,181	\$73,756,718	\$74,549,688	\$75,342,658	\$76,135,628	\$76,928,598	\$77,721,644	
3b. Less: Capital Recovery Unamortized Balance	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	(\$55,172,833)	
4. CWIP	\$0	\$0	\$16,431	\$26,795	\$55,386	\$78,759	\$155,275	\$311,906	\$468,537	\$625,168	\$781,799	\$938,430	\$1,172,935	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$344,885,214</u>	<u>\$344,107,949</u>	<u>\$343,331,260</u>	<u>\$342,548,506</u>	<u>\$341,783,979</u>	<u>\$341,014,232</u>	<u>\$340,297,629</u>	<u>\$339,661,216</u>	<u>\$339,024,877</u>	<u>\$338,388,538</u>	<u>\$337,752,199</u>	<u>\$337,115,860</u>	<u>\$336,636,078</u>	
6. Average Net Investment		\$344,496,581	\$343,719,605	\$342,939,883	\$342,166,242	\$341,399,105	\$340,655,931	\$339,979,423	\$339,343,047	\$338,706,708	\$338,070,369	\$337,434,030	\$336,875,969	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,813,366	\$1,809,276	\$1,805,172	\$1,801,099	\$1,797,061	\$1,793,149	\$1,905,306	\$1,901,739	\$1,898,173	\$1,894,607	\$1,891,041	\$1,887,913	\$22,197,902
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$381,737	\$380,876	\$380,012	\$379,154	\$378,304	\$377,481	\$382,681	\$381,965	\$381,248	\$380,532	\$379,816	\$379,188	\$4,562,993
8. Investment Expenses														
a. Depreciation (e)		\$793,103	\$793,119	\$793,119	\$793,119	\$793,119	\$793,119	\$793,044	\$792,970	\$792,970	\$792,970	\$792,970	\$793,046	\$9,516,668
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$2,968,206</u>	<u>\$2,983,270</u>	<u>\$2,978,302</u>	<u>\$2,973,373</u>	<u>\$2,968,484</u>	<u>\$2,963,749</u>	<u>\$3,081,031</u>	<u>\$3,076,674</u>	<u>\$3,072,391</u>	<u>\$3,068,109</u>	<u>\$3,063,826</u>	<u>\$3,060,147</u>	<u>\$36,277,562</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Distribution														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	
3a. Less: Accumulated Depreciation	\$393	\$395	\$398	\$401	\$404	\$407	\$409	\$412	\$415	\$418	\$421	\$423	\$426	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$920</u>	<u>\$917</u>	<u>\$914</u>	<u>\$912</u>	<u>\$909</u>	<u>\$906</u>	<u>\$903</u>	<u>\$900</u>	<u>\$898</u>	<u>\$895</u>	<u>\$892</u>	<u>\$889</u>	<u>\$886</u>	
6. Average Net Investment		\$919	\$916	\$913	\$910	\$907	\$905	\$902	\$899	\$896	\$893	\$891	\$888	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$59
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$12
8. Investment Expenses														
a. Depreciation (e)		\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$34
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$9</u>	<u>\$105</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330
3a. Less: Accumulated Depreciation	\$179,131	\$181,566	\$184,002	\$186,437	\$188,873	\$191,308	\$193,744	\$196,179	\$198,614	\$201,050	\$203,485	\$205,921	\$208,356	\$208,356
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$1,099,199	\$1,096,764	\$1,094,328	\$1,091,893	\$1,089,457	\$1,087,022	\$1,084,586	\$1,082,151	\$1,079,716	\$1,077,280	\$1,074,845	\$1,072,409	\$1,069,974	\$1,069,974
6. Average Net Investment		\$1,097,981	\$1,095,546	\$1,093,110	\$1,090,675	\$1,088,240	\$1,085,804	\$1,083,369	\$1,080,933	\$1,078,498	\$1,076,062	\$1,073,627	\$1,071,191	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$5,780	\$5,767	\$5,754	\$5,741	\$5,728	\$5,715	\$6,071	\$6,058	\$6,044	\$6,030	\$6,017	\$6,003	\$70,709
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$1,217	\$1,214	\$1,211	\$1,209	\$1,206	\$1,203	\$1,219	\$1,217	\$1,214	\$1,211	\$1,208	\$1,206	\$14,535
8. Investment Expenses														
a. Depreciation (e)		\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$29,225
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$9,432	\$9,416	\$9,401	\$9,385	\$9,370	\$9,354	\$9,726	\$9,710	\$9,693	\$9,677	\$9,661	\$9,644	\$114,469

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251
3a. Less: Accumulated Depreciation	(\$26,256,279)	(\$26,043,514)	(\$25,830,748)	(\$25,617,983)	(\$25,405,218)	(\$25,192,453)	(\$24,979,687)	(\$24,766,922)	(\$24,554,157)	(\$24,341,392)	(\$24,128,627)	(\$23,915,861)	(\$23,703,096)	
3b. Less: Capital Recovery Unamortized Balance	(\$61,677)	(\$61,034)	(\$60,392)	(\$59,749)	(\$59,107)	(\$58,464)	(\$57,822)	(\$57,179)	(\$56,537)	(\$55,895)	(\$55,252)	(\$54,610)	(\$53,967)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$82,208,206	\$81,994,798	\$81,781,391	\$81,567,983	\$81,354,575	\$81,141,168	\$80,927,760	\$80,714,352	\$80,500,945	\$80,287,537	\$80,074,129	\$79,860,722	\$79,647,314	
6. Average Net Investment		\$82,101,502	\$81,888,095	\$81,674,687	\$81,461,279	\$81,247,872	\$81,034,464	\$80,821,056	\$80,607,648	\$80,394,241	\$80,180,833	\$79,967,425	\$79,754,018	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$432,167	\$431,044	\$429,920	\$428,797	\$427,674	\$426,550	\$452,936	\$451,740	\$450,544	\$449,348	\$448,152	\$446,956	\$5,275,826
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$90,977	\$90,740	\$90,504	\$90,267	\$90,031	\$89,794	\$90,972	\$90,732	\$90,492	\$90,252	\$90,011	\$89,771	\$1,084,543
8. Investment Expenses														
a. Depreciation (e)	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$2,553,183
b. Amortization (f)	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$7,710
c. Dismantlement (g)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$736,551	\$735,192	\$733,832	\$732,472	\$731,112	\$729,752	\$727,316	\$755,879	\$754,443	\$753,007	\$751,571	\$750,135	\$8,921,261	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
33 - MATS Project														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$3,720	\$2	\$2,885	\$2,403	\$0	\$45,757	\$45,757	\$45,757	\$45,757	\$45,757	\$91,514	\$329,308
b. Clearings to Plant		(\$67,031)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,009	(\$58,021)
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$109,327,769	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,269,748	
3a. Less: Accumulated Depreciation	\$24,619,089	\$24,873,681	\$25,128,196	\$25,382,711	\$25,637,225	\$25,891,740	\$26,146,254	\$26,400,769	\$26,655,283	\$26,909,798	\$27,164,312	\$27,418,827	\$27,673,352	
3b. Less: Capital Recovery Unamortized Balance	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	(\$88,162)	
4. CWIP	\$0	\$0	\$3,720	\$3,722	\$6,607	\$9,009	\$54,766	\$100,523	\$146,280	\$192,037	\$237,794	\$320,299		
5. Net Investment (Lines 2 - 3 + 4)	\$84,796,842	\$84,475,219	\$84,224,424	\$83,969,911	\$83,718,281	\$83,466,170	\$83,211,655	\$83,002,898	\$82,794,140	\$82,585,382	\$82,376,625	\$82,167,867	\$82,004,856	
6. Average Net Investment		\$84,636,030	\$84,349,821	\$84,097,167	\$83,844,096	\$83,592,226	\$83,338,912	\$83,107,276	\$82,898,519	\$82,689,761	\$82,481,004	\$82,272,246	\$82,086,362	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$445,508	\$444,002	\$442,672	\$441,340	\$440,014	\$438,680	\$465,748	\$464,578	\$463,408	\$462,238	\$461,068	\$460,027	\$5,429,284
b. Debt Component (Line 6 x debt rate x 1/12) (d)(i)		\$93,785	\$93,468	\$93,188	\$92,908	\$92,629	\$92,348	\$93,546	\$93,311	\$93,076	\$92,841	\$92,606	\$92,396	\$1,116,100
8. Investment Expenses														
a. Depreciation (e)		\$254,592	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,525	\$3,054,263
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$793,886	\$791,984	\$790,374	\$788,762	\$787,157	\$785,543	\$813,808	\$812,403	\$810,998	\$809,593	\$808,189	\$806,948	\$9,599,646

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM: 42-8E

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
34 - St Lucie Cooling Water System Inspection & Maintenance														
Base														
1. Investments														
a. Expenditures/Additions		\$1,849	(\$1,846)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,449,846	\$4,449,846
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,449,846	
3a. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,172	
4. CWIP	\$4,449,844	\$4,451,693	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$4,449,844	\$4,451,693	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,445,675
6. Average Net Investment		\$4,450,768	\$4,450,769	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,447,761	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$23,428	\$23,428	\$23,423	\$23,423	\$23,423	\$23,423	\$24,938	\$24,938	\$24,938	\$24,938	\$24,938	\$24,926	\$290,163
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$4,932	\$4,932	\$4,931	\$4,931	\$4,931	\$4,931	\$5,009	\$5,009	\$5,009	\$5,009	\$5,009	\$5,006	\$59,637
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,172	\$4,172
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$28,360	\$28,360	\$28,354	\$28,354	\$28,354	\$28,354	\$29,946	\$29,946	\$29,946	\$29,946	\$29,946	\$34,104	\$353,973

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
35 - Martin Plant Drinking Water System Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$134,173	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,173
c. Retirements		\$0	\$0	\$0	\$0	\$134,173	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$134,173
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	
3a. Less: Accumulated Depreciation	(\$105,681)	(\$105,681)	(\$105,681)	(\$105,681)	(\$105,681)	\$28,633	\$28,915	\$29,197	\$29,478	\$29,760	\$30,042	\$30,324	\$30,605	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$105,681</u>	<u>\$105,681</u>	<u>\$105,681</u>	<u>\$105,681</u>	<u>\$105,681</u>	<u>\$105,540</u>	<u>\$105,258</u>	<u>\$104,976</u>	<u>\$104,695</u>	<u>\$104,413</u>	<u>\$104,131</u>	<u>\$103,849</u>	<u>\$103,568</u>	
6. Average Net Investment		\$105,681	\$105,681	\$105,681	\$105,681	\$105,610	\$105,399	\$105,117	\$104,835	\$104,554	\$104,272	\$103,990	\$103,708	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$556	\$556	\$556	\$556	\$556	\$555	\$589	\$588	\$586	\$584	\$583	\$581	\$6,847
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$117	\$117	\$117	\$117	\$117	\$117	\$118	\$118	\$118	\$117	\$117	\$117	\$1,407
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$141	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$2,113
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$673</u>	<u>\$673</u>	<u>\$673</u>	<u>\$673</u>	<u>\$673</u>	<u>\$814</u>	<u>\$953</u>	<u>\$989</u>	<u>\$987</u>	<u>\$985</u>	<u>\$983</u>	<u>\$982</u>	<u>\$980</u>	<u>\$10,367</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
35 - Martin Plant Drinking Water System Compliance														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$101,218	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$101,218
c. Retirements		\$0	\$0	\$0	\$0	\$101,218	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$101,218
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	
3a. Less: Accumulated Depreciation	(\$79,724)	(\$79,724)	(\$79,724)	(\$79,724)	(\$79,724)	\$21,600	\$21,813	\$22,025	\$22,238	\$22,451	\$22,663	\$22,876	\$23,088	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$79,724</u>	<u>\$79,724</u>	<u>\$79,724</u>	<u>\$79,724</u>	<u>\$79,724</u>	<u>\$79,618</u>	<u>\$79,405</u>	<u>\$79,193</u>	<u>\$78,980</u>	<u>\$78,768</u>	<u>\$78,555</u>	<u>\$78,342</u>	<u>\$78,130</u>	
6. Average Net Investment		\$79,724	\$79,724	\$79,724	\$79,724	\$79,671	\$79,512	\$79,299	\$79,086	\$78,874	\$78,661	\$78,449	\$78,236	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$420	\$420	\$420	\$420	\$419	\$419	\$444	\$443	\$442	\$441	\$440	\$438	\$5,165
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$88	\$88	\$88	\$88	\$88	\$88	\$89	\$89	\$89	\$89	\$88	\$88	\$1,062
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$106	\$213	\$213	\$213	\$213	\$213	\$213	\$213	\$1,594
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$508</u>	<u>\$508</u>	<u>\$508</u>	<u>\$508</u>	<u>\$508</u>	<u>\$614</u>	<u>\$719</u>	<u>\$746</u>	<u>\$745</u>	<u>\$743</u>	<u>\$742</u>	<u>\$741</u>	<u>\$739</u>	<u>\$7,821</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
36 - Low-Level Radioactive Waste Storage Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	
3a. Less: Accumulated Depreciation	\$2,023,042	\$2,063,001	\$2,102,960	\$2,142,918	\$2,182,877	\$2,222,836	\$2,262,795	\$2,302,754	\$2,342,712	\$2,382,671	\$2,422,630	\$2,462,589	\$2,502,548	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$15,433,762	\$15,393,803	\$15,353,844	\$15,313,885	\$15,273,926	\$15,233,968	\$15,194,009	\$15,154,050	\$15,114,091	\$15,074,132	\$15,034,174	\$14,994,215	\$14,954,256	
6. Average Net Investment		\$15,413,782	\$15,373,823	\$15,333,865	\$15,293,906	\$15,253,947	\$15,213,988	\$15,174,029	\$15,134,071	\$15,094,112	\$15,054,153	\$15,014,194	\$14,974,235	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$81,135	\$80,925	\$80,715	\$80,504	\$80,294	\$80,084	\$85,038	\$84,814	\$84,590	\$84,366	\$84,142	\$83,918	\$990,525
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$17,080	\$17,036	\$16,991	\$16,947	\$16,903	\$16,859	\$17,080	\$17,035	\$16,990	\$16,945	\$16,900	\$16,855	\$203,621
8. Investment Expenses														
a. Depreciation (e)		\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$479,506
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$138,174	\$137,919	\$137,665	\$137,410	\$137,156	\$136,901	\$136,647	\$142,077	\$141,808	\$141,539	\$141,270	\$141,001	\$140,732	\$1,673,652

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
37 - DeSoto Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		\$0	\$6,672	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10,088	\$0	\$0	\$16,760
b. Clearings to Plant		\$2,119	\$64	\$8,781	\$0	\$8,456	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$19,420
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$153,528,141	\$153,530,261	\$153,530,325	\$153,539,105	\$153,539,105	\$153,547,561	\$153,547,561	\$153,547,561	\$153,547,561	\$153,547,561	\$153,547,561	\$153,547,561	\$153,547,561	\$153,547,561
3a. Less: Accumulated Depreciation	\$46,736,095	\$47,181,389	\$47,626,713	\$48,072,091	\$48,517,521	\$48,963,002	\$49,408,532	\$49,854,062	\$50,299,593	\$50,745,123	\$51,190,654	\$51,636,184	\$52,081,714	\$52,081,714
4. CWIP	\$1	\$1	\$6,672	\$6,672	\$6,672	\$6,672	\$6,672	\$6,672	\$6,672	\$6,672	\$16,760	\$16,760	\$16,760	\$16,760
5. Net Investment (Lines 2 - 3 + 4)	\$106,792,047	\$106,348,872	\$105,910,284	\$105,473,687	\$105,028,257	\$104,591,232	\$104,145,701	\$103,700,171	\$103,254,641	\$102,809,110	\$102,373,668	\$101,928,137	\$101,482,607	\$101,482,607
6. Average Net Investment		\$106,570,460	\$106,129,578	\$105,691,985	\$105,250,972	\$104,809,744	\$104,368,467	\$103,922,936	\$103,477,406	\$103,031,875	\$102,591,389	\$102,150,903	\$101,705,372	\$101,705,372
a. Average ITC Balance		\$30,455,577	\$30,333,511	\$30,211,445	\$30,089,379	\$29,967,313	\$29,845,247	\$29,723,181	\$29,601,115	\$29,479,049	\$29,356,983	\$29,234,917	\$29,112,851	\$29,112,851
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$620,948	\$618,387	\$615,843	\$613,281	\$610,718	\$608,155	\$634,937	\$632,225	\$629,512	\$626,828	\$624,144	\$621,431	\$7,456,410
b. Debt Component (Line 6 x debt rate x 1/12) (d)(i)		\$126,728	\$126,205	\$125,685	\$125,162	\$124,638	\$124,115	\$124,662	\$124,129	\$123,596	\$123,069	\$122,541	\$122,008	\$1,492,538
8. Investment Expenses														
a. Depreciation (e)		\$433,107	\$433,138	\$433,191	\$433,243	\$433,293	\$433,343	\$433,343	\$433,343	\$433,343	\$433,343	\$433,343	\$433,343	\$5,199,376
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$146,244
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$1,924,740)
9. Total System Recoverable Costs (Lines 7 & 8)	\$1,032,575	\$1,029,521	\$1,026,511	\$1,023,478	\$1,020,442	\$1,017,405	\$1,014,735	\$1,044,735	\$1,041,489	\$1,038,244	\$1,035,032	\$1,031,820	\$1,028,575	\$12,369,828

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
38 - Space Coast Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	
3a. Less: Accumulated Depreciation	\$20,657,548	\$20,857,432	\$21,057,316	\$21,257,199	\$21,457,083	\$21,656,967	\$21,856,850	\$22,056,734	\$22,256,617	\$22,456,500	\$22,656,384	\$22,856,267	\$23,056,151	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$49,933,863	\$49,733,979	\$49,534,095	\$49,334,212	\$49,134,328	\$48,934,444	\$48,734,561	\$48,534,677	\$48,334,794	\$48,134,911	\$47,935,027	\$47,735,144	\$47,535,261	
6. Average Net Investment		\$49,833,921	\$49,634,037	\$49,434,154	\$49,234,270	\$49,034,386	\$48,834,502	\$48,634,619	\$48,434,736	\$48,234,852	\$48,034,969	\$47,835,086	\$47,635,202	
a. Average ITC Balance		\$13,053,063	\$13,001,874	\$12,950,685	\$12,899,496	\$12,848,307	\$12,797,118	\$12,745,929	\$12,694,740	\$12,643,551	\$12,592,362	\$12,541,173	\$12,489,984	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$288,024	\$286,871	\$285,718	\$284,565	\$283,412	\$282,259	\$295,085	\$293,874	\$292,664	\$291,453	\$290,242	\$289,032	\$3,463,200
b. Debt Component (Line 6 x debt rate x 1/12) (d)(i)		\$58,923	\$58,687	\$58,451	\$58,215	\$57,979	\$57,743	\$58,039	\$57,801	\$57,563	\$57,325	\$57,086	\$56,848	\$694,659
8. Investment Expenses														
a. Depreciation (e)		\$195,492	\$195,492	\$195,492	\$195,492	\$195,492	\$195,491	\$195,491	\$195,491	\$195,491	\$195,491	\$195,491	\$195,491	\$2,345,898
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$52,704
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$807,156)
9. Total System Recoverable Costs (Lines 7 & 8)	\$479,568	\$478,179	\$476,790	\$475,401	\$474,012	\$472,622	\$485,745	\$484,296	\$482,847	\$481,398	\$479,949	\$478,500	\$477,051	\$5,749,305

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
39 - Martin Next Generation Solar Energy Center														
Intermediate														
1. Investments														
a. Expenditures/Additions		(\$1,009,640)	\$153,564	\$231,358	\$199,739	\$153,824	\$355,774	\$237,068	\$151,320	\$277,811	\$312,728	\$151,320	\$151,320	\$1,366,186
b. Clearings to Plant		\$170,482	(\$535)	\$9,459	\$0	\$0	\$90,235	\$0	\$0	\$0	\$1,334,701	\$151,320	\$164,112	\$1,919,773
c. Retirements		(\$994,001)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$994,001)
d. Other (a)		(\$10,073)	(\$12,564)	(\$17,369)	(\$14,685)	(\$11,773)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$66,465)
2. Plant-In-Service/Depreciation Base (b)	\$425,895,334	\$426,065,816	\$426,065,281	\$426,074,740	\$426,074,740	\$426,074,740	\$426,164,975	\$426,164,975	\$426,164,975	\$426,164,975	\$427,499,676	\$427,650,996	\$427,815,108	
3a. Less: Accumulated Depreciation	\$102,540,857	\$102,612,109	\$103,675,074	\$104,733,291	\$105,794,247	\$106,858,116	\$107,933,867	\$109,009,725	\$110,085,594	\$111,161,443	\$112,238,903	\$113,318,147	\$114,397,769	
4. CWIP	\$1,204,765	\$195,125	\$348,689	\$580,047	\$779,787	\$933,610	\$1,199,150	\$1,436,218	\$1,587,538	\$1,865,349	\$843,376	\$843,376	\$830,584	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$324,559,243</u>	<u>\$323,648,833</u>	<u>\$322,738,896</u>	<u>\$321,921,497</u>	<u>\$321,060,280</u>	<u>\$320,150,234</u>	<u>\$319,430,258</u>	<u>\$318,591,467</u>	<u>\$317,666,928</u>	<u>\$316,868,881</u>	<u>\$316,104,148</u>	<u>\$315,176,225</u>	<u>\$314,247,923</u>	
6. Average Net Investment		\$324,104,038	\$323,193,864	\$322,330,197	\$321,490,888	\$320,605,257	\$319,790,246	\$319,010,863	\$318,129,198	\$317,267,905	\$316,486,515	\$315,640,187	\$314,712,074	
a. Average ITC Balance		\$90,346,777	\$90,002,979	\$89,659,181	\$89,315,383	\$88,971,585	\$88,627,787	\$88,283,989	\$87,940,191	\$87,596,393	\$87,252,595	\$86,908,797	\$86,564,999	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,883,958	\$1,878,489	\$1,873,266	\$1,868,171	\$1,862,832	\$1,857,865	\$1,943,833	\$1,938,284	\$1,932,850	\$1,927,863	\$1,922,512	\$1,916,703	\$22,806,627
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$384,762	\$383,656	\$382,601	\$381,574	\$380,495	\$379,494	\$381,909	\$380,828	\$379,769	\$378,801	\$377,759	\$376,626	\$4,568,274
8. Investment Expenses														
a. Depreciation (e)		\$1,025,771	\$1,025,975	\$1,026,031	\$1,026,087	\$1,026,087	\$1,026,195	\$1,026,304	\$1,026,304	\$1,026,304	\$1,027,905	\$1,029,689	\$1,030,067	\$12,322,718
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$594,660
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$5,421,012)
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$2,892,295</u>	<u>\$2,885,924</u>	<u>\$2,879,702</u>	<u>\$2,873,636</u>	<u>\$2,867,218</u>	<u>\$2,861,359</u>	<u>\$2,949,849</u>	<u>\$2,943,219</u>	<u>\$2,936,727</u>	<u>\$2,932,373</u>	<u>\$2,927,764</u>	<u>\$2,921,200</u>	<u>\$34,871,267</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System Distribution														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	(\$36,431)	\$0	\$0	\$0	\$0	\$0	\$0	(\$36,431)
c. Retirements		\$0	\$0	\$0	\$0	\$0	(\$36,431)	\$0	\$0	\$0	\$0	\$0	\$0	(\$36,431)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,417,015	\$1,417,015	\$1,417,015	\$1,417,015	\$1,417,015	\$1,417,015	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	
3a. Less: Accumulated Depreciation	\$1,189,310	\$1,189,310	\$1,189,310	\$1,189,310	\$1,189,310	\$1,189,310	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705
6. Average Net Investment		\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$14,848
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$252	\$252	\$252	\$252	\$252	\$252	\$256	\$256	\$256	\$256	\$256	\$256	\$3,052
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$1,451	\$1,451	\$1,451	\$1,451	\$1,451	\$1,451	\$1,451	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$17,900

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$745,746	(\$4,670,347)	\$175,372	\$29,114	\$32,331	\$17,235	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,670,549)
b. Clearings to Plant		\$0	\$5,241,976	\$34,230	\$179,789	\$16,419	\$0	\$0	\$0	\$0	\$0	\$0	\$7,647,027	\$13,119,441
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$4,042,459	\$4,042,459	\$9,284,435	\$9,318,665	\$9,498,454	\$9,514,874	\$9,514,874	\$9,514,874	\$9,514,874	\$9,514,874	\$9,514,874	\$9,514,874	\$17,161,900	
3a. Less: Accumulated Depreciation	\$4,041,596	\$4,041,596	\$4,049,153	\$4,064,317	\$4,079,789	\$4,079,789	\$4,111,323	\$4,127,102	\$4,142,880	\$4,158,659	\$4,174,438	\$4,190,217	\$4,292,723	
4. CWIP	\$11,317,575	\$12,063,322	\$7,392,974	\$7,568,346	\$7,597,460	\$7,629,792	\$7,647,027	\$7,647,027	\$7,647,027	\$7,647,027	\$7,647,027	\$7,647,027	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$11,318,439	\$12,064,185	\$12,628,256	\$12,822,695	\$13,016,125	\$13,064,876	\$13,050,577	\$13,034,799	\$13,019,020	\$13,003,241	\$12,987,462	\$12,971,683	\$12,869,177	
6. Average Net Investment		\$11,691,312	\$12,346,220	\$12,725,475	\$12,919,410	\$13,040,501	\$13,057,727	\$13,042,688	\$13,026,909	\$13,011,130	\$12,995,352	\$12,979,573	\$12,920,430	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$61,541	\$64,988	\$66,985	\$68,005	\$68,643	\$68,733	\$73,094	\$73,005	\$72,917	\$72,828	\$72,740	\$72,408	\$835,887
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$12,955	\$13,681	\$14,101	\$14,316	\$14,450	\$14,469	\$14,681	\$14,663	\$14,645	\$14,628	\$14,610	\$14,543	\$171,742
8. Investment Expenses														
a. Depreciation (e)		\$0	\$7,557	\$15,164	\$15,472	\$0	\$31,534	\$15,779	\$15,779	\$15,779	\$15,779	\$15,779	\$102,506	\$251,127
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$74,496	\$86,226	\$96,249	\$97,794	\$83,093	\$114,737	\$103,553	\$103,447	\$103,341	\$103,235	\$103,128	\$189,457	\$1,258,756

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. - Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. - Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System														
Transmission														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	
3a. Less: Accumulated Depreciation	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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FORM: 42-8E

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
42 - Turkey Point Cooling Canal Monitoring Plan														
Base														
1. Investments														
a. Expenditures/Additions		\$378,444	\$1,269,634	\$235,537	\$733,376	\$876,203	\$102,220	\$1,866,338	\$1,052,472	\$1,052,246	\$1,052,246	\$1,052,877	\$5,611,482	\$15,283,074
b. Clearings to Plant		\$0	\$50	\$109,369	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,789,880	\$11,899,300
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$39,987,546	\$39,987,546	\$39,987,596	\$40,096,965	\$40,096,965	\$40,096,965	\$40,096,965	\$40,096,965	\$40,096,965	\$40,096,965	\$40,096,965	\$40,096,965	\$51,886,845	
3a. Less: Accumulated Depreciation	\$2,066,377	\$2,170,678	\$2,274,979	\$2,379,464	\$2,484,132	\$2,588,800	\$2,693,468	\$2,798,136	\$2,902,804	\$3,007,472	\$3,112,140	\$3,216,808	\$3,336,852	
4. CWIP	\$6,965,501	\$7,343,945	\$8,613,579	\$8,849,115	\$9,582,492	\$10,458,695	\$10,560,915	\$12,427,253	\$13,479,725	\$14,531,971	\$15,584,217	\$16,637,094	\$10,458,695	
5. Net Investment (Lines 2 - 3 + 4)	\$44,886,669	\$45,160,812	\$46,326,195	\$46,566,617	\$47,195,325	\$47,966,860	\$47,964,412	\$49,726,082	\$50,673,886	\$51,621,464	\$52,569,042	\$53,517,251	\$59,008,688	
6. Average Net Investment		\$45,023,741	\$45,743,504	\$46,446,406	\$46,880,971	\$47,581,093	\$47,965,636	\$48,845,247	\$50,199,984	\$51,147,675	\$52,095,253	\$53,043,146	\$56,262,970	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$236,997	\$240,785	\$244,485	\$246,773	\$250,458	\$252,482	\$273,738	\$281,330	\$286,641	\$291,951	\$297,263	\$315,308	\$3,218,210
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$49,891	\$50,688	\$51,467	\$51,949	\$52,725	\$53,151	\$54,980	\$56,505	\$57,572	\$58,638	\$59,705	\$63,330	\$660,601
8. Investment Expenses														
a. Depreciation (e)		\$104,301	\$104,301	\$104,485	\$104,668	\$104,668	\$104,668	\$104,668	\$104,668	\$104,668	\$104,668	\$104,668	\$120,044	\$1,270,475
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$391,188	\$395,775	\$400,437	\$403,390	\$407,851	\$410,301	\$433,386	\$442,503	\$448,881	\$455,258	\$461,637	\$498,681	\$5,149,286

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. - Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. - Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
44 - Martin Plant Barley Barber Swamp Iron Mitigation														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	
3a. Less: Accumulated Depreciation	\$15,627	\$15,824	\$16,022	\$16,219	\$16,416	\$16,613	\$16,810	\$17,007	\$17,205	\$17,402	\$17,599	\$17,796	\$17,993	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$78,262</u>	<u>\$78,065</u>	<u>\$77,868</u>	<u>\$77,671</u>	<u>\$77,474</u>	<u>\$77,276</u>	<u>\$77,079</u>	<u>\$76,882</u>	<u>\$76,685</u>	<u>\$76,488</u>	<u>\$76,291</u>	<u>\$76,093</u>	<u>\$75,896</u>	
6. Average Net Investment		\$78,164	\$77,967	\$77,769	\$77,572	\$77,375	\$77,178	\$76,981	\$76,784	\$76,586	\$76,389	\$76,192	\$75,995	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$411	\$410	\$409	\$408	\$407	\$406	\$431	\$430	\$429	\$428	\$427	\$426	\$5,025
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$87	\$86	\$86	\$86	\$86	\$86	\$87	\$86	\$86	\$86	\$86	\$86	\$1,033
8. Investment Expenses														
a. Depreciation (e)		\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$2,366
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$695</u>	<u>\$694</u>	<u>\$693</u>	<u>\$691</u>	<u>\$690</u>	<u>\$689</u>	<u>\$715</u>	<u>\$714</u>	<u>\$713</u>	<u>\$711</u>	<u>\$710</u>	<u>\$709</u>	<u>\$8,424</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
44 - Martin Plant Barley Barber Swamp Iron Mitigation Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	
3a. Less: Accumulated Depreciation	\$11,789	\$11,938	\$12,086	\$12,235	\$12,384	\$12,533	\$12,681	\$12,830	\$12,979	\$13,128	\$13,276	\$13,425	\$13,574	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$59,040	\$58,891	\$58,743	\$58,594	\$58,445	\$58,296	\$58,148	\$57,999	\$57,850	\$57,701	\$57,553	\$57,404	\$57,255	
6. Average Net Investment		\$58,966	\$58,817	\$58,668	\$58,519	\$58,371	\$58,222	\$58,073	\$57,924	\$57,776	\$57,627	\$57,478	\$57,329	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$310	\$310	\$309	\$308	\$307	\$306	\$325	\$325	\$324	\$323	\$322	\$321	\$3,791
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$65	\$65	\$65	\$65	\$65	\$65	\$65	\$65	\$65	\$65	\$65	\$65	\$779
8. Investment Expenses														
a. Depreciation (e)		\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$1,785
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$524	\$524	\$523	\$522	\$521	\$520	\$540	\$539	\$538	\$537	\$536	\$535	\$6,355

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
45 - 800 MW Unit ESP														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	
3a. Less: Accumulated Depreciation	\$11,624	\$12,029	\$12,433	\$12,838	\$13,243	\$13,648	\$14,053	\$14,458	\$14,863	\$15,267	\$15,672	\$16,077	\$16,482	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$52,135	\$51,730	\$51,325	\$50,920	\$50,515	\$50,111	\$49,706	\$49,301	\$48,896	\$48,491	\$48,086	\$47,681	\$47,276	
6. Average Net Investment		\$51,932	\$51,528	\$51,123	\$50,718	\$50,313	\$49,908	\$49,503	\$49,098	\$48,693	\$48,289	\$47,884	\$47,479	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$273	\$271	\$269	\$267	\$265	\$263	\$277	\$275	\$273	\$271	\$268	\$266	\$3,239
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$58	\$57	\$57	\$56	\$56	\$55	\$56	\$55	\$55	\$54	\$54	\$53	\$666
8. Investment Expenses														
a. Depreciation (e)		\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$4,858
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$736	\$733	\$731	\$728	\$725	\$723	\$738	\$735	\$733	\$730	\$727	\$724	\$8,763

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
45 - 800 MW Unit ESP														
Peaking														
1. Investments														
a. Expenditures/Additions		\$5,349	\$0	\$0	\$49	(\$82,658)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$77,259)
b. Clearings to Plant		(\$9,295)	\$0	\$0	\$0	\$89,585	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,290
c. Retirements		(\$9,295)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$9,295)
d. Other (a)		(\$159)	\$0	\$0	(\$1)	(\$205)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$365)
2. Plant-In-Service/Depreciation Base (b)	\$107,870,694	\$107,861,399	\$107,861,399	\$107,861,399	\$107,861,399	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	
3a. Less: Accumulated Depreciation	(\$70,770,312)	(\$70,350,563)	(\$69,921,379)	(\$69,492,194)	(\$69,063,010)	(\$68,633,851)	(\$68,204,309)	(\$67,774,767)	(\$67,345,224)	(\$66,915,682)	(\$66,486,139)	(\$66,056,597)	(\$65,627,054)	
4. CWIP	\$76,881	\$82,231	\$82,231	\$82,231	\$82,280	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$178,717,887</u>	<u>\$178,294,193</u>	<u>\$177,865,008</u>	<u>\$177,435,823</u>	<u>\$177,006,688</u>	<u>\$176,584,456</u>	<u>\$176,154,914</u>	<u>\$175,725,372</u>	<u>\$175,295,829</u>	<u>\$174,866,287</u>	<u>\$174,436,744</u>	<u>\$174,007,202</u>	<u>\$173,577,659</u>	
6. Average Net Investment		\$178,506,040	\$178,079,600	\$177,650,415	\$177,221,256	\$176,795,572	\$176,369,685	\$175,940,143	\$175,510,600	\$175,081,058	\$174,651,516	\$174,221,973	\$173,792,431	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$939,623	\$937,378	\$935,119	\$932,860	\$930,619	\$928,377	\$986,000	\$983,593	\$981,186	\$978,778	\$976,371	\$973,964	\$11,483,867
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)		\$197,803	\$197,330	\$196,854	\$196,379	\$195,907	\$195,435	\$198,038	\$197,555	\$197,071	\$196,588	\$196,104	\$195,621	\$2,360,685
8. Investment Expenses														
a. Depreciation (e)		\$429,203	\$429,185	\$429,185	\$429,185	\$429,364	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$5,152,918
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$1,566,628</u>	<u>\$1,563,893</u>	<u>\$1,561,158</u>	<u>\$1,558,423</u>	<u>\$1,555,890</u>	<u>\$1,553,355</u>	<u>\$1,613,581</u>	<u>\$1,610,690</u>	<u>\$1,607,799</u>	<u>\$1,604,909</u>	<u>\$1,602,018</u>	<u>\$1,599,127</u>	<u>\$18,997,470</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
50 - Steam Electric Effluent Guidelines Revised Rules Base														
1. Investments														
a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$1,902	\$82,649	\$82,649	\$82,649	\$82,649	\$82,649	\$165,298	\$580,445
b. Clearings to Plant	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3a. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$1,902	\$84,551	\$167,200	\$249,849	\$332,498	\$415,147	\$580,445	
5. Net Investment (Lines 2 - 3 + 4)							\$1,902	\$84,551	\$167,200	\$249,849	\$332,498	\$415,147	\$580,445	
6. Average Net Investment							\$951	\$43,227	\$125,876	\$208,525	\$291,174	\$373,823	\$497,796	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)	\$0	\$0	\$0	\$0	\$0	\$0	\$5	\$242	\$705	\$1,169	\$1,632	\$2,095	\$2,790	\$8,638
b. Debt Component (Line 6 x debt rate x 1/12) (d)(l)	\$0	\$0	\$0	\$0	\$0	\$0	\$1	\$49	\$142	\$235	\$328	\$421	\$560	\$1,735
8. Investment Expenses														
a. Depreciation (e)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization (f)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$0	\$0	\$0	\$0	\$0	\$0	\$6	\$291	\$847	\$1,403	\$1,960	\$2,516	\$3,350	\$10,373

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
54 - Coal Combustion Residuals														
Base														
1. Investments														
a. Expenditures/Additions		(\$1,595,767)	\$1,507,046	\$1,420,380	\$3,300,996	\$2,278,422	\$2,584,973	\$2,710,783	\$2,710,783	\$2,722,339	\$2,757,004	\$2,757,004	\$5,433,125	\$28,587,089
b. Clearings to Plant		\$50,776,893	\$0	\$0	\$0	(\$4,247,895)	\$0	\$0	\$0	\$0	\$0	\$0	\$8,507,626	\$55,036,624
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$524,089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$524,089
2. Plant-In-Service/Depreciation Base (b)	\$199,237	\$50,976,130	\$50,976,130	\$50,976,130	\$50,976,130	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$55,235,861	
3a. Less: Accumulated Depreciation	\$7,167	\$647,688	\$765,995	\$884,302	\$1,002,609	\$1,115,978	\$1,224,409	\$1,332,839	\$1,441,270	\$1,549,701	\$1,658,131	\$1,766,562	\$1,884,883	
3b. Less: Capital Recovery Unamortized Balance	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	(\$56,167)	
4. CWIP	\$20,605,956	\$19,010,190	\$20,517,236	\$21,937,616	\$25,238,612	\$27,517,034	\$30,102,007	\$32,812,790	\$35,523,573	\$38,245,912	\$41,002,916	\$43,759,920	\$40,685,420	
5. Net Investment (Lines 2 - 3 + 4)	\$20,854,193	\$69,394,798	\$70,783,538	\$72,085,611	\$75,268,300	\$73,185,459	\$75,662,001	\$78,264,353	\$80,866,706	\$83,480,614	\$86,129,187	\$88,777,761	\$94,092,565	
6. Average Net Investment		\$45,124,496	\$70,089,168	\$71,434,574	\$73,676,955	\$74,226,879	\$74,423,730	\$76,963,177	\$79,565,529	\$82,173,660	\$84,804,901	\$87,453,474	\$91,435,163	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$237,527	\$368,936	\$376,018	\$387,822	\$390,716	\$391,753	\$431,315	\$445,899	\$460,516	\$475,262	\$490,105	\$512,419	\$4,968,289
b. Debt Component (Line 6 x debt rate x 1/12) (d)(i)		\$50,002	\$77,666	\$79,157	\$81,641	\$82,251	\$82,469	\$86,630	\$89,559	\$92,495	\$95,456	\$98,438	\$102,919	\$1,018,683
8. Investment Expenses														
a. Depreciation (e)		\$116,433	\$118,307	\$118,307	\$118,307	\$113,369	\$108,431	\$108,431	\$108,431	\$108,431	\$108,431	\$108,431	\$118,321	\$1,353,627
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$403,962	\$564,909	\$573,482	\$587,770	\$586,336	\$582,652	\$626,376	\$643,889	\$661,441	\$679,149	\$696,973	\$733,659	\$7,340,599

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for

the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report

and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the

Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
Amortization of Gains on Sales of Emissions Allowances														
Base														
1 Working Capital Dr (Cr)														
a. 158.100 Allowance Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. 158.200 Allowances Withheld	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. 182.300 Other Regulatory Assets-Losses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. 254.900 Other Regulatory Liabilities-Gains	(\$546)	(\$523)	(\$500)	(\$477)	(\$454)	(\$564)	(\$538)	(\$494)	(\$450)	(\$407)	(\$363)	(\$319)	(\$275)	
2 Total Working Capital	<u>(\$546)</u>	<u>(\$523)</u>	<u>(\$500)</u>	<u>(\$477)</u>	<u>(\$454)</u>	<u>(\$564)</u>	<u>(\$538)</u>	<u>(\$494)</u>	<u>(\$450)</u>	<u>(\$407)</u>	<u>(\$363)</u>	<u>(\$319)</u>	<u>(\$275)</u>	
3 Average Net Working Capital Balance		(\$534)	(\$511)	(\$488)	(\$465)	(\$509)	(\$551)	(\$516)	(\$472)	(\$429)	(\$385)	(\$341)	(\$297)	
4 Return on Average Net Working Capital Balance														
a. Equity Component grossed up for taxes		(\$3)	(\$3)	(\$3)	(\$2)	(\$3)	(\$3)	(\$3)	(\$3)	(\$2)	(\$2)	(\$2)	(\$2)	
b. Debt Component		(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$0)	(\$0)	(\$0)	(\$0)	
5 Total Return Component		<u>(\$3)</u>	<u>(\$3)</u>	<u>(\$3)</u>	<u>(\$3)</u>	<u>(\$3)</u>	<u>(\$4)</u>	<u>(\$3)</u>	<u>(\$3)</u>	<u>(\$3)</u>	<u>(\$3)</u>	<u>(\$2)</u>	<u>(\$2)</u>	<u>(\$36)</u>
6 Expense Dr (Cr)														
a. 411.800 Gains from Dispositions of Allowances		(\$23)	(\$23)	(\$23)	(\$23)	(\$25)	(\$44)	(\$44)	(\$44)	(\$44)	(\$44)	(\$44)	(\$44)	
b. 411.900 Losses from Dispositions of Allowances		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
c. 509.000 Allowance Expense		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
7 Net Expense (Lines 6a+6b+6c)		<u>(\$23)</u>	<u>(\$23)</u>	<u>(\$23)</u>	<u>(\$23)</u>	<u>(\$25)</u>	<u>(\$44)</u>	<u>(\$44)</u>	<u>(\$44)</u>	<u>(\$44)</u>	<u>(\$44)</u>	<u>(\$44)</u>	<u>(\$44)</u>	<u>(\$425)</u>
8 Total Recoverable Costs (Lines 5+6)		<u>(\$26)</u>	<u>(\$26)</u>	<u>(\$26)</u>	<u>(\$26)</u>	<u>(\$28)</u>	<u>(\$47)</u>	<u>(\$47)</u>	<u>(\$47)</u>	<u>(\$47)</u>	<u>(\$47)</u>	<u>(\$46)</u>	<u>(\$46)</u>	<u>(\$461)</u>

^(a) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

^(b) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

^(c) Line 8a times Line 9

^(d) Line 8b times Line 10

^(e) Line 5 is reported on Capital Schedule

^(f) Line 7 is reported on O&M Schedule

2019 Depreciation Schedule

FORM 42-8E

Project	Class ID	Plant	Unit	Utility	Depr. Rate / Amort. Period	Balance as of Dec-18	Balance as of Dec-19
002-LOW NOX BURNER TECHNOLOGY	02 - Steam Generation Plant	Turkey Pt	Turkey Pt U1	31200	CRS	0	-
002-LOW NOX BURNER TECHNOLOGY Total						-	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	65,605	65,605
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U1	31100	1.74%	56,430	56,430
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	424,505	424,505
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U2	31100	1.83%	56,333	56,333
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	468,728	468,728
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	515,653	515,653
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34300	8.25%	10,225	10,225
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U2	34300	3.46%	365,000	365,000
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U3	34300	4.54%	71,939	71,939
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U3 SC Peaker	34100	3.38%	6,098	6,098
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U3 SC Peaker	34300	3.04%	69,082	69,082
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Manatee	Manatee U3	34300	3.35%	87,691	87,691
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U3	34300	4.49%	627,875	624,755
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U4	34300	3.92%	620,088	607,322
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U8	34300	3.37%	13,693	13,693
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford	Sanford U4	34300	4.00%	310,021	310,021
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford	Sanford U5	34300	4.12%	273,035	273,035
003-CONTINUOUS EMISSION MONITORING Total						4,042,003	4,026,117
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	3,111,263	3,111,263
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	174,543	174,543
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	104,845	104,845
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	127,429	127,429
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	133,572	133,572
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin	Martin Comm U1&2	31100	2.52%	65,093	65,093
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34200	3.09%	898,111	898,111
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34200	4.73%	584,290	584,290
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34200	7.84%	133,479	133,479
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Myers	FtMyers U3 SC Peaker	34200	3.58%	18,616	18,616
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Martin	Martin Comm U3&4	34200	2.42%	455,941	455,941
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	08 - General Plant	General Plant	General Plant	39000	1.50%	5,837,840	7,313,323
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS Total						11,645,022	13,120,506
007-RELOCATE TURBINE LUBE OIL PIPING	03 - Nuclear Generation Plant	St Lucie	StLucie U1	32300	5.11%	31,030	31,030
007-RELOCATE TURBINE LUBE OIL PIPING Total						31,030	31,030
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	46,882	1,358,322
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31670	7-Year	21,347	-
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin	Martin Comm	31650	5-Year	116,547	256,542
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin	Martin Comm	31670	7-Year	298,813	298,813
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34100	2.20%	358,636	358,636
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Sanford	Sanford Comm	34100	2.40%	15,922	15,922
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	-	20,503
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36670	2.00%	2,995	2,995
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	08 - General Plant	General Plant	General Plant	39000	1.50%	4,413	4,413
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT Total						865,555	2,316,146
010-REROUTE STORMWATER RUNOFF	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	117,794	117,794
010-REROUTE STORMWATER RUNOFF Total						117,794	117,794
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31100	1.51%	524,873	524,873
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31200	2.23%	328,762	328,762
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31400	2.07%	689	689
012-SCHERER DISCHARGE PIPELINE Total						854,324	854,324
016-ST.LUCIE TURTLE NETS	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	6,909,559	6,909,559
016-ST.LUCIE TURTLE NETS Total						6,909,559	6,909,559
020-WASTEWATER/STORMWATER DISCH ELIMINATION Total						-	-
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	601,217	601,217
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	2,271,574	2,271,574
022-PIPELINE INTEGRITY MANAGEMENT Total						2,872,791	2,872,791
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	1,243,306	1,243,306
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	33,272	33,272
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee Comm	31500	2.34%	26,325	26,325
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	45,750	45,750
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	37,431	37,431
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	37,158	37,158
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Martin	Martin Comm U1&2	31200	4.45%	-	403,520
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	St Lucie	StLucie U1	32300	5.11%	712,225	712,225
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	St Lucie	StLucie U1	32400	3.20%	745,335	745,335
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	St Lucie	StLucie U2	32300	3.86%	552,390	552,390
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	990,124	990,124
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32570	7-Year	245,362	245,362
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34100	2.20%	189,219	189,219
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34200	3.09%	1,480,169	1,480,169
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34300	5.20%	28,250	28,250
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34200	4.73%	513,250	513,250
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34100	7.40%	98,715	98,715
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34200	7.84%	629,983	629,983
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34500	7.77%	12,430	12,430
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers U2	34300	3.46%	49,727	301,927
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers U3 SC Peaker	34500	3.40%	12,430	12,430
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Martin	Martin Comm U3&4	34100	2.24%	523,498	523,498
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Martin	Martin U8	34200	2.70%	84,868	84,868
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Pt Everglades	PtEverglades Comm	34200	2.90%	2,728,283	2,728,283
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Sanford	Sanford Comm	34100	2.40%	288,383	288,383
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Radial-Retail	Radial-Retail	35200	1.70%	6,946	6,946
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35200	1.70%	1,142,640	1,142,640
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	177,982	3,101,440
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35800	1.87%	65,655	65,655
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	3,303,417	3,382,583
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36670	2.00%	70,499	70,499
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	08 - General Plant	General Plant	General Plant	39000	1.50%	146,691	146,691
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES Total						16,221,715	19,880,059

2019 Depreciation Schedule

FORM 42-8E

Project	Class ID	Plant	Unit	Utility	Depr. Rate / Amort. Period	Balance as of Dec-18	Balance as of Dec-19
024-GAS REBURN	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	16,454,014	16,470,024
024-GAS REBURN	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	15,393,694	15,393,694
024-GAS REBURN Total						31,847,709	31,863,719
025-PPE ESP TECHNOLOGY Total						-	-
026-UST REPLACEMENT/REMOVAL	08 - General Plant	General Plant	General Plant	39000	1.50%	115,447	115,447
026-UST REPLACEMENT/REMOVAL Total						115,446.69	115,447
028-CWA 316B PHASE II RULE	05 - Other Generation Plant	Cape Canaveral	CapeCana Comm CC	34100	2.69%	771,310	771,310
028-CWA 316B PHASE II RULE	05 - Other Generation Plant	Cape Canaveral	CapeCanaveral Comm	34100	2.69%		2,034,087
028-CWA 316B PHASE II RULE Total						771,310.37	2,805,397
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	102,052	102,052
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	20,059,060	20,059,060
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U1	31400	4.03%	7,240,124	7,240,124
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	20,457,354	20,457,354
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U2	31400	3.72%	7,905,907	7,905,907
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%	1,153,382	1,247,979
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31100	2.30%	82,366,984	82,366,984
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	254,475,936	254,475,936
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31400	1.89%	(94,224)	(94,224)
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31500	2.49%	19,615,426	19,615,426
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31600	1.88%	399,586	399,586
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31670	7-Year	12,775	268
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34300	8.25%	110,242	110,242
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34300	8.22%	57,855	57,855
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34100	2.24%	699,143	699,143
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34300	2.56%	244,343	244,343
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34500	2.04%	292,499	292,499
031-CLEAN AIR INTERSTATE RULE-CAIR	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36500	2.57%	1,313	1,313
031-CLEAN AIR INTERSTATE RULE-CAIR Total						415,099,758	415,181,848
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%	(1,234,037)	(1,234,037)
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	110,561,806	110,503,785
033-CLEAN AIR MERCURY RULE-CAMR Total						109,327,768.83	109,269,748
034-PSL COOLING WATER SYSTEM INSPECTION & MAINTENANCE	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%		4,449,846
034-PSL COOLING WATER SYSTEM INSPECTION & MAINTENANCE Total							4,449,846
035-MARTIN PLANT DRINKING WATER COMP	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	-	235,391
035-MARTIN PLANT DRINKING WATER COMP Total						-	235,391
036-LOW LEV RADI WSTE-LLW	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	7,601,405	7,601,405
036-LOW LEV RADI WSTE-LLW	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	9,855,399	9,855,399
036-LOW LEV RADI WSTE-LLW Total						17,456,804	17,456,804
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34000	0.00%	255,507	255,507
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34100	3.49%	5,263,916	5,263,916
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34300	3.36%	115,292,583	115,292,583
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34500	3.65%	26,746,246	26,746,246
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34600	3.30%	-	-
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34630	3-Year	10,487	12,671
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34650	5-Year	51,031	51,031
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34670	7-Year	154,915	172,151
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35200	1.70%	7,427	7,427
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	1,004,027	1,004,027
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35310	2.64%	1,695,869	1,695,869
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35500	2.32%	394,418	394,418
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35600	2.38%	191,358	191,358
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	540,994	540,994
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	1.90%	1,890,938	1,890,938
037-DE SOTO SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	28,426	28,426
037-DE SOTO SOLAR PROJECT Total						153,528,141.42	153,547,561
038-SPACE COAST SOLAR PROJECT	01 - Intangible Plant	Intangible Plant	Intangible Plant	30300	30-year	6,359,027	6,359,027
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34100	3.45%	3,893,263	3,893,263
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34300	3.30%	51,550,587	51,550,587
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34500	3.51%	6,126,699	6,126,699
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34650	5-Year	35,202	35,202
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	928,529	928,529
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35310	2.64%	1,328,699	1,328,699
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	274,858	274,858
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	1.90%	62,689	62,689
038-SPACE COAST SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	31,858	31,858
038-SPACE COAST SOLAR PROJECT Total						70,591,411.16	70,591,411
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin	Martin U8	34300	3.37%	423,126	423,126
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34000	0.00%	216,844	216,844
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34100	2.99%	20,756,023	20,756,023
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34300	2.88%	398,581,449	400,493,058
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34500	2.99%	4,122,852	4,122,852
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34600	2.85%	57,742	56,448
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34670	7-Year	129,522	138,981
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35500	2.32%	603,692	603,692
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35600	2.38%	364,159	364,159
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36660	1.42%	94,476	94,476
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36760	1.96%	2,728	2,728
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	121,101	121,101
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39240	2.63%	332,682	332,682
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39290	4.99%	88,938	88,938
039-MARTIN SOLAR PROJECT Total						425,895,334	427,815,108

2019 Depreciation Schedule

FORM 42-8E

Project	Class ID	Plant	Unit	Utility	Depr. Rate / Amort. Period	Balance as of Dec-18	Balance as of Dec-19
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Cape Canaveral	CapeCanaveral Comm	34300	0.00%	4,042,459	4,042,459
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Ft Lauderdale	Dania Beach Unit 7	34300	44-Month		7,629,792
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Ft Myers	FtMyers U2	34300	3.46%		5,489,650
041-PRV MANATEE HEATING SYSTEM	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	CRS	276,404	276,404
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	CRS	73,267	73,267
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	CRS	471,542	471,542
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36500	CRS	307,599	307,599
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36660	CRS	221,326	221,326
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36760	CRS	168,995	168,995
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36910	CRS	607	607
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36420	CRS	36,431	-
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36410	CRS	137,247	137,247
041-PRV MANATEE HEATING SYSTEM Total						5,735,878	18,818,887
042-PTN COOLING CANAL MONITORING SYS	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	39,987,546	51,705,103
042-PTN COOLING CANAL MONITORING SYS	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32500	3.67%		181,743
042-PTN COOLING CANAL MONITORING SYS	05 - Other Generation Plant	Turkey Pt	Turkey Pt U5	34100	2.33%		-
042-PTN COOLING CANAL MONITORING SYS Total						39,987,546	51,886,845
044-Barley Barber Swamp Iron Mitiga	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	164,719	164,719
044-Barley Barber Swamp Iron Mitiga Total						164,718.55	164,719
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	153,660	153,660
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	44,854,496	44,854,496
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31500	4.11%	4,524,074	4,524,074
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31600	3.91%	1,021,918	1,021,918
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	51,505,899	51,505,899
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31500	4.48%	4,793,798	4,793,798
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31600	4.79%	1,071,311	1,160,896
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin	Martin U2	31200	4.64%	9,295	-
045-800 MW UNIT ESP PROJECT Total						107,934,452	108,014,742
047 - St. Lucie - NPDES Permit Renewal Requirements	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%		-
047 - St. Lucie - NPDES Permit Renewal Requirements Total							-
050-Steam Electric Effluent Guidelines Revised Rules	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%		-
050-Steam Electric Effluent Guidelines Revised Rules Total							-
054-Coal Combustion Residuals	02 - Steam Generation Plant	Scherer	Scherer Comm	31100	1.51%	199,237	199,237
054-Coal Combustion Residuals	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%		-
054-Coal Combustion Residuals	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%		55,036,624
054-Coal Combustion Residuals Total						199,237	55,235,861
Grand Total						1,422,215,307	1,517,581,659

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES

FORM 42-9E

Equity @ 10.55%

CAPITAL STRUCTURE AND COST RATES PER
MAY 2018 EARNINGS SURVEILLANCE REPORT

	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	9,493,721,402	27.894%	4.33%	1.21%	1.21%
SHORT_TERM_DEBT	1,266,291,093	3.721%	2.42%	0.09%	0.09%
PREFERRED_STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER_DEPOSITS	403,315,602	1.185%	2.08%	0.02%	0.02%
COMMON_EQUITY	15,115,086,261	44.410%	10.55%	4.69%	6.28%
DEFERRED_INCOME_TAX	7,597,792,885	22.323%	0.00%	0.00%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	159,231,867	0.468%	8.15%	0.04%	0.05%
TOTAL	\$34,035,439,111	100.00%		6.05%	7.65%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)					
	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	\$9,493,721,402	38.58%	4.328%	1.670%	1.670%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	15,115,086,261	61.42%	10.550%	6.480%	8.680%
TOTAL	\$24,608,807,663	100.00%		8.150%	10.350%
RATIO					

DEBT COMPONENTS:

LONG TERM DEBT	1.2073%
SHORT TERM DEBT	0.0900%
CUSTOMER DEPOSITS	0.0246%
TAX CREDITS -WEIGHTED	0.0078%
TOTAL DEBT	1.3297%

EQUITY COMPONENTS:

PREFERRED STOCK	0.0000%
COMMON EQUITY	4.6852%
TAX CREDITS -WEIGHTED	0.0303%
TOTAL EQUITY	4.7156%
TOTAL	6.0452%
PRE-TAX EQUITY	6.3165%
PRE-TAX TOTAL	7.6461%

Note:

(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES

FORM 42-9E

Equity @ 10.55%

CAPITAL STRUCTURE AND COST RATES PER
MAY 2019 EARNINGS SURVEILLANCE REPORT

	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	10,490,880,245	28.119%	4.44%	1.25%	1.25%
SHORT_TERM_DEBT	669,988,433	1.796%	3.62%	0.06%	0.06%
PREFERRED_STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER_DEPOSITS	403,097,747	1.080%	2.11%	0.02%	0.02%
COMMON_EQUITY	17,554,936,062	47.053%	10.55%	4.96%	6.65%
DEFERRED_INCOME_TAX	7,870,776,333	21.096%	0.00%	0.00%	0.00%
INVESTMENT_TAX_CREDITS ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	319,453,350	0.856%	8.26%	0.07%	0.09%
TOTAL	\$37,309,132,171	100.00%		6.37%	8.08%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)					
	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	\$10,490,880,245	37.41%	4.441%	1.661%	1.661%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	17,554,936,062	62.59%	10.550%	6.604%	8.846%
TOTAL RATIO	\$28,045,816,308	100.00%		8.265%	10.507%

DEBT COMPONENTS:

LONG TERM DEBT	1.2488%
SHORT TERM DEBT	0.0649%
CUSTOMER DEPOSITS	0.0228%
TAX CREDITS -WEIGHTED	0.0142%
TOTAL DEBT	1.3507%

EQUITY COMPONENTS:

PREFERRED STOCK	0.0000%
COMMON EQUITY	4.9641%
TAX CREDITS -WEIGHTED	0.0565%
TOTAL EQUITY	5.0206%
TOTAL	6.3713%
PRE-TAX EQUITY	6.7251%
PRE-TAX TOTAL	8.0758%

Note:

(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

REVISED FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	
3a. Less: Accumulated Depreciation	\$372,862	\$391,912	\$393,111	\$394,309	\$395,508	\$396,707	\$397,906	\$399,105	\$400,304	\$401,503	\$402,702	\$403,901	\$405,100	
3b. Less: Capital Recovery Unamortized Balance	(\$44,752)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$187,543</u>	<u>\$186,344</u>	<u>\$185,146</u>	<u>\$183,947</u>	<u>\$182,748</u>	<u>\$181,549</u>	<u>\$180,350</u>	<u>\$179,151</u>	<u>\$177,952</u>	<u>\$176,753</u>	<u>\$175,554</u>	<u>\$174,355</u>	<u>\$173,157</u>	
6. Average Net Investment		\$186,944	\$185,745	\$184,546	\$183,347	\$182,148	\$180,949	\$179,750	\$178,552	\$177,353	\$176,154	\$174,955	\$173,756	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$984	\$978	\$971	\$965	\$959	\$952	\$1,007	\$1,001	\$994	\$987	\$980	\$974	\$11,753
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$207	\$206	\$204	\$203	\$202	\$201	\$202	\$201	\$200	\$198	\$197	\$196	\$2,417
8. Investment Expenses														
a. Depreciation (e)		\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$14,387
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$2,390</u>	<u>\$2,382</u>	<u>\$2,375</u>	<u>\$2,367</u>	<u>\$2,360</u>	<u>\$2,352</u>	<u>\$2,409</u>	<u>\$2,401</u>	<u>\$2,392</u>	<u>\$2,384</u>	<u>\$2,376</u>	<u>\$2,368</u>	<u>\$28,556</u>

- (a) Applicable to reserve salvage and removal cost
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.
- (f) Applicable amortization period(s). See Form 42-8E, pages 65-67.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 5
PARTY: FLORIDA POWER & LIGHT
COMPANY (FPL) – (DIRECT)
DESCRIPTION: Renae B. Deaton RBD-3

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

REVISED FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		(\$15,886)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$15,886)
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		(\$1,613)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,613)
2. Plant-In-Service/Depreciation Base (b)	\$2,324,626	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740	\$2,308,740
3a. Less: Accumulated Depreciation	\$427,767	\$433,982	\$441,783	\$449,584	\$457,385	\$465,186	\$472,987	\$480,788	\$488,589	\$496,390	\$504,191	\$511,992	\$519,793	\$519,793
3b. Less: Capital Recovery Unamortized Balance	(\$232,063)	(\$229,646)	(\$227,229)	(\$224,811)	(\$222,394)	(\$219,977)	(\$217,559)	(\$215,142)	(\$212,725)	(\$210,307)	(\$207,890)	(\$205,473)	(\$203,055)	(\$203,055)
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$2,128,922</u>	<u>\$2,104,404</u>	<u>\$2,094,186</u>	<u>\$2,083,968</u>	<u>\$2,073,749</u>	<u>\$2,063,531</u>	<u>\$2,053,313</u>	<u>\$2,043,094</u>	<u>\$2,032,876</u>	<u>\$2,022,658</u>	<u>\$2,012,439</u>	<u>\$2,002,221</u>	<u>\$1,992,003</u>	
6. Average Net Investment		\$2,116,663	\$2,099,295	\$2,089,077	\$2,078,858	\$2,068,640	\$2,058,422	\$2,048,203	\$2,037,985	\$2,027,767	\$2,017,548	\$2,007,330	\$1,997,112	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$11,142	\$11,050	\$10,997	\$10,943	\$10,889	\$10,835	\$11,478	\$11,421	\$11,364	\$11,307	\$11,249	\$11,192	\$133,867
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$2,345	\$2,326	\$2,315	\$2,304	\$2,292	\$2,281	\$2,305	\$2,294	\$2,282	\$2,271	\$2,259	\$2,248	\$27,524
8. Investment Expenses														
a. Depreciation (e)		\$7,828	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$7,801	\$93,638
b. Amortization (f)		\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$29,008
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$23,732</u>	<u>\$23,595</u>	<u>\$23,530</u>	<u>\$23,465</u>	<u>\$23,400</u>	<u>\$23,334</u>	<u>\$24,002</u>	<u>\$23,934</u>	<u>\$23,865</u>	<u>\$23,796</u>	<u>\$23,727</u>	<u>\$23,658</u>	<u>\$284,037</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

REVISED FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3a. Less: Accumulated Depreciation	\$21,854	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3b. Less: Capital Recovery Unamortized Balance	(\$44,384)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>
6. Average Net Investment		\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$119	\$119	\$119	\$119	\$119	\$119	\$126	\$126	\$126	\$126	\$126	\$126	\$1,469
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$302
8. Investment Expenses														
a. Depreciation (e)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$144</u>	<u>\$144</u>	<u>\$144</u>	<u>\$144</u>	<u>\$144</u>	<u>\$144</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$1,771</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

REVISED FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$252,042	\$162,622	\$209,292	\$44,387	\$44,387	\$22,194	\$734,924
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$79,797	\$0	\$0	(\$8,858)	\$544,158	\$615,098
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$8,858)	\$0	(\$8,858)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$438,787	\$518,585	\$518,585	\$518,585	\$509,727	\$1,053,886	
3a. Less: Accumulated Depreciation	(\$29,508)	(\$25,895)	(\$22,282)	(\$18,669)	(\$15,056)	(\$11,443)	(\$7,831)	(\$4,218)	\$60	\$5,003	\$9,946	\$5,978	\$11,534	
3b. Less: Capital Recovery Unamortized Balance	\$176	\$174	\$172	\$170	\$168	\$167	\$165	\$163	\$161	\$159	\$157	\$156	\$154	
4. CWIP	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$252,045	\$334,870	\$544,162	\$588,549	\$632,937	\$110,972	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$468,123</u>	<u>\$464,512</u>	<u>\$460,901</u>	<u>\$457,290</u>	<u>\$453,679</u>	<u>\$450,068</u>	<u>\$446,457</u>	<u>\$694,888</u>	<u>\$853,234</u>	<u>\$1,057,585</u>	<u>\$1,097,031</u>	<u>\$1,136,530</u>	<u>\$1,153,169</u>	
6. Average Net Investment		\$466,317	\$462,706	\$459,095	\$455,484	\$451,873	\$448,262	\$570,672	\$774,061	\$955,409	\$1,077,308	\$1,116,780	\$1,144,850	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$2,455	\$2,436	\$2,417	\$2,398	\$2,379	\$2,360	\$3,198	\$4,338	\$5,354	\$6,037	\$6,259	\$6,416	\$46,045
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$517	\$513	\$509	\$505	\$501	\$497	\$642	\$871	\$1,075	\$1,213	\$1,257	\$1,289	\$9,388
8. Investment Expenses														
a. Depreciation (e)		\$3,613	\$3,613	\$3,613	\$3,613	\$3,613	\$3,613	\$3,613	\$4,278	\$4,943	\$4,943	\$4,890	\$5,556	\$49,899
b. Amortization (f)		(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$22)
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$6,582</u>	<u>\$6,559</u>	<u>\$6,536</u>	<u>\$6,513</u>	<u>\$6,490</u>	<u>\$6,467</u>	<u>\$7,452</u>	<u>\$9,485</u>	<u>\$11,371</u>	<u>\$12,191</u>	<u>\$12,404</u>	<u>\$13,259</u>	<u>\$105,310</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

REVISED FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$16,431	\$10,364	\$28,592	\$23,373	\$76,516	\$156,631	\$156,631	\$156,631	\$156,631	\$156,631	\$313,264	\$1,251,694
b. Clearings to Plant		\$15,838	\$0	\$0	\$0	\$0	\$0	(\$12,507)	\$0	\$0	\$0	\$0	\$78,759	\$82,090
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	(\$12,507)	\$0	\$0	\$0	\$0	\$0	(\$12,507)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$357,929,865	\$357,945,703	\$357,945,703	\$357,945,703	\$357,945,703	\$357,945,703	\$357,945,703	\$357,933,196	\$357,933,196	\$357,933,196	\$357,933,196	\$357,933,196	\$358,011,955	
3a. Less: Accumulated Depreciation	\$68,217,484	\$57,277,285	\$58,070,404	\$58,863,522	\$59,656,641	\$60,449,760	\$61,242,879	\$62,023,416	\$62,816,386	\$63,609,356	\$64,402,326	\$65,195,296	\$65,988,342	
3b. Less: Capital Recovery Unamortized Balance	(\$55,172,833)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	
4. CWIP	\$0	\$0	\$16,431	\$26,795	\$55,386	\$78,759	\$155,275	\$311,906	\$468,537	\$625,168	\$781,799	\$938,430	\$1,172,935	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$344,885,214</u>	<u>\$344,107,949</u>	<u>\$343,331,260</u>	<u>\$342,548,506</u>	<u>\$341,783,979</u>	<u>\$341,014,232</u>	<u>\$340,297,629</u>	<u>\$339,661,216</u>	<u>\$339,024,877</u>	<u>\$338,388,538</u>	<u>\$337,752,199</u>	<u>\$337,115,860</u>	<u>\$336,636,078</u>	
6. Average Net Investment		\$344,496,581	\$343,719,605	\$342,939,883	\$342,166,242	\$341,399,105	\$340,655,931	\$339,979,423	\$339,343,047	\$338,706,708	\$338,070,369	\$337,434,030	\$336,875,969	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,813,366	\$1,809,276	\$1,805,172	\$1,801,099	\$1,797,061	\$1,793,149	\$1,905,306	\$1,901,739	\$1,898,173	\$1,894,607	\$1,891,041	\$1,887,913	\$22,197,902
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$381,737	\$380,876	\$380,012	\$379,154	\$378,304	\$377,481	\$382,681	\$381,965	\$381,248	\$380,532	\$379,816	\$379,188	\$4,562,993
8. Investment Expenses														
a. Depreciation (e)		\$793,103	\$793,119	\$793,119	\$793,119	\$793,119	\$793,119	\$793,044	\$792,970	\$792,970	\$792,970	\$792,970	\$793,046	\$9,516,668
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$2,988,206</u>	<u>\$2,983,270</u>	<u>\$2,978,302</u>	<u>\$2,973,373</u>	<u>\$2,968,484</u>	<u>\$2,963,749</u>	<u>\$3,081,031</u>	<u>\$3,076,674</u>	<u>\$3,072,391</u>	<u>\$3,068,109</u>	<u>\$3,063,826</u>	<u>\$3,060,147</u>	<u>\$36,277,562</u>	

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. - Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. - Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. - Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

REVISED FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
33 - MATS Project														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$3,720	\$2	\$2,885	\$2,403	\$0	\$45,757	\$45,757	\$45,757	\$45,757	\$45,757	\$91,514	\$329,308
b. Clearings to Plant		(\$67,031)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,009	(\$58,021)
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$109,327,769	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,260,738	\$109,269,748	
3a. Less: Accumulated Depreciation	\$24,619,089	\$24,869,587	\$25,124,101	\$25,378,616	\$25,633,130	\$25,887,645	\$26,142,159	\$26,396,674	\$26,651,188	\$26,905,703	\$27,160,217	\$27,414,732	\$27,669,257	
3b. Less: Capital Recovery Unamortized Balance	(\$88,162)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	
4. CWIP	\$0	\$0	\$3,720	\$3,722	\$6,607	\$9,009	\$9,009	\$54,766	\$100,523	\$146,280	\$192,037	\$237,794	\$320,299	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$84,796,842</u>	<u>\$84,475,219</u>	<u>\$84,224,424</u>	<u>\$83,969,911</u>	<u>\$83,718,281</u>	<u>\$83,466,170</u>	<u>\$83,211,655</u>	<u>\$83,002,898</u>	<u>\$82,794,140</u>	<u>\$82,585,382</u>	<u>\$82,376,625</u>	<u>\$82,167,867</u>	<u>\$82,004,856</u>	
6. Average Net Investment		\$84,636,030	\$84,349,821	\$84,097,167	\$83,844,096	\$83,592,226	\$83,338,912	\$83,107,276	\$82,898,519	\$82,689,761	\$82,481,004	\$82,272,246	\$82,086,362	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$445,508	\$444,002	\$442,672	\$441,340	\$440,014	\$438,680	\$465,748	\$464,578	\$463,408	\$462,238	\$461,068	\$460,027	\$5,429,284
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$93,785	\$93,468	\$93,188	\$92,908	\$92,629	\$92,348	\$93,546	\$93,311	\$93,076	\$92,841	\$92,606	\$92,396	\$1,116,100
8. Investment Expenses														
a. Depreciation (e)		\$254,592	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,515	\$254,525	\$3,054,263
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$793,886</u>	<u>\$791,984</u>	<u>\$790,374</u>	<u>\$788,762</u>	<u>\$787,157</u>	<u>\$785,543</u>	<u>\$813,808</u>	<u>\$812,403</u>	<u>\$810,998</u>	<u>\$809,593</u>	<u>\$808,189</u>	<u>\$806,948</u>	<u>\$806,948</u>	<u>\$9,599,646</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

REVISED FORM: 42-8E

JANUARY 2019 THROUGH DECEMBER 2019

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
54 - Coal Combustion Residuals Base														
1. Investments														
a. Expenditures/Additions		(\$1,595,767)	\$1,507,046	\$1,420,380	\$3,300,996	\$2,278,422	\$2,584,973	\$2,710,783	\$2,710,783	\$2,722,339	\$2,757,004	\$2,757,004	\$5,433,125	\$28,587,089
b. Clearings to Plant		\$50,776,893	\$0	\$0	\$0	(\$4,247,895)	\$0	\$0	\$0	\$0	\$0	\$0	\$8,507,626	\$55,036,624
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$524,089	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$524,089
2. Plant-In-Service/Depreciation Base (b)	\$199,237	\$50,976,130	\$50,976,130	\$50,976,130	\$50,976,130	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$46,728,236	\$55,235,861	
3a. Less: Accumulated Depreciation	\$7,167	\$646,772	\$765,079	\$883,386	\$1,001,693	\$1,115,062	\$1,223,492	\$1,331,923	\$1,440,354	\$1,548,784	\$1,657,215	\$1,765,646	\$1,883,966	
3b. Less: Capital Recovery Unamortized Balance	(\$56,167)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	
4. CWIP	\$20,605,956	\$19,010,190	\$20,517,236	\$21,937,616	\$25,238,612	\$27,517,034	\$30,102,007	\$32,812,790	\$35,523,573	\$38,245,912	\$41,002,916	\$43,759,920	\$40,685,420	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$20,854,193</u>	<u>\$69,394,798</u>	<u>\$70,783,538</u>	<u>\$72,085,611</u>	<u>\$75,268,300</u>	<u>\$73,185,459</u>	<u>\$75,662,001</u>	<u>\$78,264,353</u>	<u>\$80,866,706</u>	<u>\$83,480,614</u>	<u>\$86,129,187</u>	<u>\$88,777,761</u>	<u>\$94,092,565</u>	
6. Average Net Investment		\$45,124,496	\$70,089,168	\$71,434,574	\$73,676,955	\$74,226,879	\$74,423,730	\$76,963,177	\$79,565,529	\$82,173,660	\$84,804,901	\$87,453,474	\$91,435,163	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$237,527	\$368,936	\$376,018	\$387,822	\$390,716	\$391,753	\$431,315	\$445,899	\$460,516	\$475,262	\$490,105	\$512,419	\$4,968,289
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$50,002	\$77,666	\$79,157	\$81,641	\$82,251	\$82,469	\$86,630	\$89,559	\$92,495	\$95,456	\$98,438	\$102,919	\$1,018,683
8. Investment Expenses														
a. Depreciation (e)		\$116,433	\$118,307	\$118,307	\$118,307	\$113,369	\$108,431	\$108,431	\$108,431	\$108,431	\$108,431	\$108,431	\$118,321	\$1,353,627
b. Amortization (f)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$403,962</u>	<u>\$564,909</u>	<u>\$573,482</u>	<u>\$587,770</u>	<u>\$586,336</u>	<u>\$582,652</u>	<u>\$626,376</u>	<u>\$643,889</u>	<u>\$661,441</u>	<u>\$679,149</u>	<u>\$696,973</u>	<u>\$733,659</u>	<u>\$7,340,599</u>

(a) Applicable to reserve salvage and removal cost

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 65-67.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2019 period is 4.7156%, based on May 2018

Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period is 5.0206% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Jun. 2019 period is 1.3297% is based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period is 1.3507% based on the May 2019 Earning Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-8E, pages 65-67.

(f) Applicable amortization period(s). See Form 42-8E, pages 65-67.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2019 period of 6.480% based on the May 2018 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2019 period of 6.604% based on the May 2019 Earning Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Jun. 2019 period of 1.670% based on the May 2018 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2019 period of 1.661% based on the May 2018 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
TOTAL JURISDICTIONAL AMOUNT TO BE RECOVERED

FORM: 42-1P

JANUARY 2020 THROUGH DECEMBER 2020

	Energy	CP Demand	GCP Demand	Total
1. Total Jurisdictional Revenue Requirements for the Projected Period				
a. Projected O&M Activities ^(a)	\$27,552,189	\$11,221,484	\$2,690,446	\$41,464,119
b. Projected Capital Projects ^(b)	\$13,227,054	\$136,455,754	\$0	\$149,682,808
c. Total Jurisdictional Revenue Requirements ^(c)	\$40,779,243	\$147,677,238	\$2,690,446	\$191,146,927
2. True-up for Estimated Over/(Under) Recovery ^(d)	\$1,556,778	\$5,444,002	\$117,031	\$7,117,811
3. Final True-up Over/(Under) ^(e)	\$3,985,040	\$17,842,842	\$363,709	\$22,191,591
4. Total Jurisdictional Amount to be Recovered/(Refunded) ^(f)	\$35,237,424	\$124,390,395	\$2,209,706	\$161,837,525
5. Total Projected Jurisdictional Amount Adjusted for Taxes ^(g)	\$35,262,795	\$124,479,956	\$2,211,297	\$161,954,048

^(a) Form 42-2P pg. 3, Columns 7 through 9

^(b) Form 42-3P pg. 6, Columns 7 through 8

^(c) Lines 1a + 1b

^(d) For the current period January 2019 - December 2019 (Form 42-1E, Line 4, filed on July 26, 2019)

^(e) For the period January 2018 - December 2018 (Form 42-1A, Line 7, filed on April 1, 2019)

^(f) (Line 1 - Line 2 - Line 3)

^(g) Line 4 x Revenue Tax Multiplier 1.00072

Note: Allocation to energy and demand in each period are in proportion to the respective period split of costs.

True-up costs are split in proportion to the split of actual demand-related and energy-related costs from respective true-up periods.

Totals may not add due to rounding.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 6
PARTY: FLORIDA POWER & LIGHT
COMPANY (FPL) – (DIRECT)
DESCRIPTION: Renae B. Deaton RBD-4

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE PROJECTION AMOUNT

FORM: 42-2P

JANUARY 2020 THROUGH DECEMBER 2020
O&M ACTIVITIES

O&M Project	Strata	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1 - Air Operating Permit Fees	Base	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$11,917	\$143,000
1 - Air Operating Permit Fees	Intermediate	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$5,185	\$62,217
1 - Air Operating Permit Fees	Peaking	\$847	\$847	\$847	\$847	\$847	\$847	\$847	\$847	\$847	\$847	\$847	\$847	\$10,165
3a - Continuous Emission Monitoring Systems	Intermediate	\$29,257	\$30,363	\$18,972	\$18,972	\$18,972	\$29,257	\$18,972	\$18,972	\$50,371	\$18,972	\$18,972	\$20,162	\$292,212
3a - Continuous Emission Monitoring Systems	Peaking	\$2,837	\$7,980	\$5,368	\$2,837	\$2,852	\$2,852	\$2,837	\$2,867	\$2,852	\$12,016	\$2,852	\$2,852	\$51,003
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$1,280	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,280
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$0	\$31,120	\$56,120	\$45,747	\$26,000	\$26,201	\$0	\$0	\$0	\$0	\$0	\$0	\$185,187
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$6,720	\$43,880	\$43,880	\$149,753	\$5,500	\$1	\$0	\$0	\$0	\$70,000	\$90,000	\$0	\$409,735
8a - Oil Spill Clean-up/Response Equipment	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$16	\$16
8a - Oil Spill Clean-up/Response Equipment	Intermediate	\$2,008	\$2,008	\$2,008	\$2,558	\$2,008	\$2,008	\$2,008	\$908	\$908	\$908	\$908	\$908	\$19,141
8a - Oil Spill Clean-up/Response Equipment	Peaking	\$16,177	\$16,177	\$16,177	\$20,627	\$16,177	\$16,177	\$16,177	\$7,277	\$7,277	\$7,277	\$7,277	\$7,359	\$154,156
14 - NPDES Permit Fees	Base	\$11,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$11,500
14 - NPDES Permit Fees	Intermediate	\$23,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,200
14 - NPDES Permit Fees	Peaking	\$23,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$23,000
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	\$218,802	\$217,939	\$220,802	\$217,939	\$220,802	\$217,939	\$220,802	\$217,939	\$220,802	\$240,802	\$237,939	\$237,939	\$2,690,446
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	\$75,670	\$95,637	\$80,752	\$80,752	\$80,752	\$60,695	\$60,695	\$60,695	\$60,695	\$80,752	\$135,587	\$135,587	\$1,008,270
21 - St. Lucie Turtle Nets	Base	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$30,700	\$368,400
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$88)
22 - Pipeline Integrity Management	Intermediate	\$0	\$0	\$51,867	\$51,867	\$0	\$0	\$32,157	\$0	\$0	\$0	\$0	\$0	\$135,890
22 - Pipeline Integrity Management	Peaking	\$0	\$0	\$73,133	\$73,133	\$0	\$0	\$45,343	\$0	\$0	\$0	\$0	\$0	\$191,610
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$49,792	\$51,092	\$51,092	\$49,007	\$49,327	\$49,222	\$49,327	\$50,112	\$50,682	\$49,007	\$50,197	\$51,085	\$599,938
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$2,068	\$24,822
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$632	\$632	\$632	\$632	\$632	\$632	\$632	\$632	\$632	\$632	\$632	\$632	\$7,578
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$13,550	\$162,600
24 - Manatee Reburn	Peaking	\$113,517	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$113,517
27 - Lowest Quality Water Source	Intermediate	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$13,000	\$156,000
28 - CWA 316(b) Phase II Rule	Base	\$1,270	\$1,105	\$1,252	\$1,252	\$1,857	\$1,303	\$1,308	\$47,996	\$48,053	\$48,053	\$20,203	\$34,466	\$208,116
28 - CWA 316(b) Phase II Rule	Intermediate	\$78,289	\$101,676	\$92,482	\$84,665	\$63,350	\$64,810	\$43,616	\$17,480	\$47,254	\$33,075	\$14,396	\$14,027	\$655,118
28 - CWA 316(b) Phase II Rule	Peaking	\$7,184	\$9,923	\$12,897	\$6,994	\$6,676	\$6,994	\$7,311	\$6,676	\$6,994	\$6,994	\$6,676	\$7,311	\$92,628
29 - SCR Consumables	Intermediate	\$27,319	\$79,954	\$40,819	\$40,819	\$27,319	\$27,319	\$27,319	\$27,319	\$68,664	\$68,664	\$68,664	\$27,319	\$531,502
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$459,162	\$5,509,945
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$11,000	\$132,000
33 - MATS Project	Base	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$220,695	\$2,648,335
37 - DeSoto Next Generation Solar Energy Center	Solar	\$59,457	\$49,872	\$140,237	\$98,266	\$46,873	\$70,841	\$104,771	\$48,511	\$49,563	\$69,052	\$52,614	\$50,459	\$840,515
38 - Space Coast Next Generation Solar Energy Center	Solar	\$27,049	\$23,241	\$20,555	\$20,838	\$24,371	\$24,638	\$21,282	\$27,981	\$20,530	\$20,489	\$23,913	\$21,180	\$276,067
39 - Martin Next Generation Solar Energy Center	Intermediate	\$401,074	\$384,474	\$395,890	\$395,890	\$390,341	\$395,890	\$401,439	\$390,341	\$395,890	\$396,637	\$393,479	\$404,508	\$4,745,852
41 - Manatee Temporary Heating System	Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000	\$0	\$0	\$30,000
41 - Manatee Temporary Heating System	Peaking	\$23,200	\$23,200	\$23,200	\$5,200	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$20,200	\$22,700	\$23,200	\$165,900
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$626,616	\$707,297	\$2,081,007	\$2,232,584	\$2,957,946	\$4,002,988	\$2,614,771	\$813,312	\$669,228	\$644,348	\$642,418	\$642,806	\$18,635,320
45 - 800 MW Unit ESP	Peaking	\$19,849	\$25,425	\$20,751	\$18,045	\$24,721	\$19,849	\$18,947	\$28,131	\$18,947	\$19,849	\$27,229	\$18,947	\$260,689
47 - NPDES Permit Renewal Requirements	Base	\$0	\$0	\$25,000	\$0	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000
47 - NPDES Permit Renewal Requirements	Intermediate	\$0	\$0	\$20,754	\$0	\$0	\$0	\$5,200	\$0	\$5,200	\$0	\$0	\$0	\$31,154
48 - Industrial Boiler MACT	Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,200	\$0	\$0	\$5,200
48 - Industrial Boiler MACT	Peaking	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$27,300	\$0	\$0	\$27,300
51 - Gopher Tortoise Relocations	Intermediate	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000
51 - Gopher Tortoise Relocations	Peaking	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$8,000	\$8,000	\$0	\$0	\$7,649	\$23,649
54 - Coal Combustion Residuals	Base	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$133,397	\$1,600,768
Total		\$2,749,211	\$2,804,508	\$4,397,159	\$4,519,889	\$4,897,988	\$5,926,126	\$4,601,427	\$2,681,660	\$2,639,052	\$2,771,739	\$2,718,169	\$2,609,925	\$43,316,853

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE PROJECTION AMOUNT

JANUARY 2020 THROUGH DECEMBER 2020

O&M ACTIVITIES

(1)	(2)	(4)	(5)	(6)	(7)	(8)	(9)
O&M Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification		
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	CP Demand	Energy	GCP Demand
1 - Air Operating Permit Fees	Base	\$143,000	95.8799%	\$137,108	\$0	\$137,108	\$0
1 - Air Operating Permit Fees	Intermediate	\$62,217	94.2430%	\$58,636	\$0	\$58,636	\$0
1 - Air Operating Permit Fees	Peaking	\$10,165	95.1325%	\$9,670	\$0	\$9,670	\$0
3a - Continuous Emission Monitoring Systems	Intermediate	\$292,212	94.2430%	\$275,390	\$0	\$275,390	\$0
3a - Continuous Emission Monitoring Systems	Peaking	\$51,003	95.1325%	\$48,520	\$0	\$48,520	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$1,280	95.7922%	\$1,226	\$1,226	\$0	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$185,187	94.1569%	\$174,367	\$174,367	\$0	\$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$409,735	95.0455%	\$389,434	\$389,434	\$0	\$0
8a - Oil Spill Clean-up/Response Equipment	Base	\$16	95.8799%	\$15	\$0	\$15	\$0
8a - Oil Spill Clean-up/Response Equipment	Intermediate	\$19,141	94.2430%	\$18,039	\$0	\$18,039	\$0
8a - Oil Spill Clean-up/Response Equipment	Peaking	\$154,156	95.1325%	\$146,652	\$0	\$146,652	\$0
14 - NPDES Permit Fees	Base	\$11,500	95.7922%	\$11,016	\$11,016	\$0	\$0
14 - NPDES Permit Fees	Intermediate	\$23,200	94.1569%	\$21,844	\$21,844	\$0	\$0
14 - NPDES Permit Fees	Peaking	\$23,000	95.0455%	\$21,860	\$21,860	\$0	\$0
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	\$2,690,446	100.0000%	\$2,690,446	\$0	\$0	\$2,690,446
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	\$1,008,270	89.9387%	\$906,825	\$906,825	\$0	\$0
21 - St. Lucie Turtle Nets	Base	\$368,400	95.7922%	\$352,899	\$352,899	\$0	\$0
22 - Pipeline Integrity Management	Intermediate	\$135,890	94.1569%	\$127,950	\$127,950	\$0	\$0
22 - Pipeline Integrity Management	Peaking	\$191,610	95.0455%	\$182,116	\$182,116	\$0	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$24,822	94.1569%	\$23,371	\$23,371	\$0	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$7,578	95.0455%	\$7,203	\$7,203	\$0	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$162,600	89.9387%	\$146,240	\$146,240	\$0	\$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$599,938	100.0000%	\$599,938	\$599,938	\$0	\$0
24 - Manatee Reburn	Peaking	\$113,517	95.1325%	\$107,992	\$0	\$107,992	\$0
27 - Lowest Quality Water Source	Intermediate	\$156,000	94.1569%	\$146,885	\$146,885	\$0	\$0
28 - CWA 316(b) Phase II Rule	Base	\$208,116	95.7922%	\$199,359	\$199,359	\$0	\$0
28 - CWA 316(b) Phase II Rule	Intermediate	\$655,118	94.1569%	\$616,838	\$616,838	\$0	\$0
28 - CWA 316(b) Phase II Rule	Peaking	\$92,628	95.0455%	\$88,039	\$88,039	\$0	\$0
29 - SCR Consumables	Intermediate	\$531,502	94.2430%	\$500,903	\$0	\$500,903	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$5,509,945	95.8799%	\$5,282,930	\$0	\$5,282,930	\$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$132,000	95.1325%	\$125,575	\$0	\$125,575	\$0
33 - MATS Project	Base	\$2,648,335	95.8799%	\$2,539,221	\$0	\$2,539,221	\$0
37 - DeSoto Next Generation Solar Energy Center	Solar	\$840,515	95.7922%	\$805,148	\$805,148	\$0	\$0
38 - Space Coast Next Generation Solar Energy Center	Solar	\$276,067	95.7922%	\$264,451	\$264,451	\$0	\$0
39 - Martin Next Generation Solar Energy Center	Intermediate	\$4,745,852	94.1569%	\$4,468,545	\$4,468,545	\$0	\$0
41 - Manatee Temporary Heating System	Intermediate	\$30,000	94.2430%	\$28,273	\$0	\$28,273	\$0
41 - Manatee Temporary Heating System	Peaking	\$165,900	95.1325%	\$157,825	\$0	\$157,825	\$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$18,635,320	95.8799%	\$17,867,525	\$0	\$17,867,525	\$0
45 - 800 MW Unit ESP	Peaking	\$260,689	95.1325%	\$248,000	\$0	\$248,000	\$0
47 - NPDES Permit Renewal Requirements	Base	\$50,000	95.7922%	\$47,896	\$47,896	\$0	\$0
47 - NPDES Permit Renewal Requirements	Intermediate	\$31,154	94.1569%	\$29,334	\$29,334	\$0	\$0
48 - Industrial Boiler MACT	Base	\$5,200	95.7922%	\$4,981	\$4,981	\$0	\$0
48 - Industrial Boiler MACT	Peaking	\$27,300	95.0455%	\$25,947	\$25,947	\$0	\$0
51 - Gopher Tortoise Relocations	Intermediate	\$2,000	94.1569%	\$1,883	\$1,883	\$0	\$0
51 - Gopher Tortoise Relocations	Peaking	\$23,649	95.0455%	\$22,477	\$22,477	\$0	\$0
54 - Coal Combustion Residuals	Base	\$1,600,768	95.7922%	\$1,533,411	\$1,533,411	\$0	\$0
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$88)	95.8799%	(\$84)	\$0	(\$84)	\$0
Total		<u>\$43,316,853</u>		<u>\$41,464,119</u>	<u>\$11,221,484</u>	<u>\$27,552,189</u>	<u>\$2,690,446</u>

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE PROJECTION AMOUNT

FORM: 42-2P

JANUARY 2020 THROUGH DECEMBER 2020
O&M ACTIVITIES

RAD - ECRC - 42 - 2P	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
2. Total of O&M Activities	\$2,749,211	\$2,804,508	\$4,397,159	\$4,519,889	\$4,897,988	\$5,926,126	\$4,601,427	\$2,681,660	\$2,639,052	\$2,771,739	\$2,718,169	\$2,609,925	\$43,316,853
3. Recoverable Costs Allocated to Energy - Base	\$1,318,382	\$1,399,063	\$2,772,773	\$2,924,350	\$3,649,712	\$4,694,754	\$3,306,537	\$1,505,078	\$1,360,994	\$1,336,114	\$1,334,184	\$1,334,588	\$26,936,528
Recoverable Costs Allocated to Energy - Intermediate	\$63,769	\$117,510	\$66,984	\$67,534	\$53,484	\$63,769	\$53,484	\$52,384	\$125,128	\$123,729	\$93,729	\$53,572	\$935,073
Recoverable Costs Allocated to Energy - Peaking	\$187,427	\$84,629	\$77,343	\$58,556	\$60,597	\$55,725	\$54,808	\$55,122	\$45,923	\$71,189	\$71,905	\$64,205	\$887,429
Recoverable Costs Allocated to Energy - Solar	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	\$89,220	\$109,187	\$94,302	\$94,302	\$94,302	\$74,245	\$74,245	\$74,245	\$74,245	\$94,302	\$149,137	\$149,137	\$1,170,870
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	\$178,148	\$165,202	\$190,349	\$165,349	\$190,954	\$165,400	\$165,406	\$212,093	\$212,150	\$217,350	\$184,300	\$198,564	\$2,245,264
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Interm.	\$519,631	\$532,339	\$632,180	\$593,236	\$494,759	\$501,969	\$497,481	\$422,889	\$463,412	\$444,780	\$422,943	\$433,603	\$5,959,223
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	\$37,536	\$54,435	\$130,542	\$230,512	\$12,807	\$7,626	\$53,286	\$15,307	\$15,625	\$104,925	\$97,307	\$15,592	\$775,500
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	\$86,506	\$73,113	\$160,793	\$119,104	\$71,244	\$95,479	\$126,052	\$76,492	\$70,092	\$89,542	\$76,528	\$71,639	\$1,116,582
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	\$49,792	\$51,092	\$51,092	\$49,007	\$49,327	\$49,222	\$49,327	\$50,112	\$50,682	\$49,007	\$50,197	\$51,085	\$599,938
5. Recoverable Costs Jurisdictionalized on GCP Demand - Distribution	\$218,802	\$217,939	\$220,802	\$217,939	\$220,802	\$217,939	\$220,802	\$217,939	\$220,802	\$240,802	\$237,939	\$237,939	\$2,690,446
6. Retail Production Energy Jurisdictional Factor - Base	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	
Retail Production Energy Jurisdictional Factor - Intermediate	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	
Retail Production Energy Jurisdictional Factor - Peaking	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	
Retail Production Energy Jurisdictional Factor - Solar	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	
7. Retail Distribution Demand Jurisdictional Factor	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
Retail Transmission Demand Jurisdictional Factor	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	
Retail Production Demand Jurisdictional Factor - Base	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	
Retail Production Demand Jurisdictional Factor - Intermediate	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	
Retail Production Demand Jurisdictional Factor - Peaking	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	
Retail Production Demand Jurisdictional Factor - Solar	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	
8. Jurisdictional Recoverable Costs- Transmission	\$80,243	\$98,201	\$84,814	\$84,814	\$84,814	\$66,775	\$66,775	\$66,775	\$66,775	\$84,814	\$134,132	\$134,132	\$1,053,065
Jurisdictional Recoverable Costs - Production - Base	\$1,434,715	\$1,499,671	\$2,840,871	\$2,962,255	\$3,682,259	\$4,659,765	\$3,328,750	\$1,646,236	\$1,508,142	\$1,489,269	\$1,455,759	\$1,469,810	\$27,977,503
Jurisdictional Recoverable Costs - Production - Intermediate	\$549,366	\$611,978	\$658,369	\$622,218	\$516,254	\$532,736	\$518,817	\$447,547	\$554,258	\$535,397	\$486,563	\$458,755	\$6,492,257
Jurisdictional Recoverable Costs - Production - Peaking	\$213,980	\$132,247	\$197,652	\$274,797	\$69,820	\$60,261	\$102,786	\$66,987	\$58,538	\$167,451	\$160,891	\$75,900	\$1,581,311
Jurisdictional Recoverable Costs - Production - Solar	\$82,866	\$70,036	\$154,027	\$114,093	\$68,246	\$91,461	\$120,748	\$73,273	\$67,143	\$85,774	\$73,307	\$68,625	\$1,069,599
Jurisdictional Recoverable Costs - Distribution	\$268,594	\$269,031	\$271,894	\$266,946	\$270,129	\$267,161	\$270,129	\$268,051	\$271,484	\$289,809	\$288,136	\$289,024	\$3,290,384
9. Total Jurisdictional Recoverable Costs for O&M Activities	\$2,629,763	\$2,681,165	\$4,207,626	\$4,325,123	\$4,691,523	\$5,678,158	\$4,408,005	\$2,568,869	\$2,526,340	\$2,652,513	\$2,598,789	\$2,496,246	\$41,464,119

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE PROJECTION AMOUNT

FORM: 42-3P

JANUARY 2020 THROUGH DECEMBER 2020
CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

Capital Projects	Strata	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
02 - Low NOX Burner Technology	Peaking	\$4,892	\$4,871	\$4,850	\$4,829	\$4,808	\$4,786	\$4,765	\$4,744	\$4,723	\$4,702	\$4,681	\$4,660	\$57,311
03 - Continuous Emission Monitoring Systems	Base	\$2,360	\$2,352	\$2,344	\$2,336	\$2,328	\$2,320	\$2,312	\$2,304	\$2,296	\$2,288	\$2,279	\$2,271	\$27,790
03 - Continuous Emission Monitoring Systems	Intermediate	\$23,849	\$24,150	\$24,192	\$24,121	\$24,051	\$23,981	\$23,911	\$23,840	\$23,770	\$23,700	\$23,629	\$23,559	\$286,753
03 - Continuous Emission Monitoring Systems	Peaking	\$14,160	\$14,118	\$14,076	\$14,033	\$13,991	\$13,949	\$13,906	\$13,864	\$13,822	\$13,779	\$13,737	\$13,695	\$167,129
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$152	\$152	\$152	\$152	\$152	\$152	\$152	\$152	\$152	\$152	\$152	\$152	\$1,819
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	\$55,072	\$55,011	\$54,949	\$54,888	\$54,826	\$54,765	\$54,703	\$54,642	\$54,580	\$54,519	\$54,457	\$54,395	\$656,806
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$19,156	\$19,095	\$19,034	\$18,973	\$18,912	\$18,851	\$18,790	\$18,729	\$18,668	\$18,607	\$18,546	\$18,485	\$225,850
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$61,214	\$60,982	\$60,751	\$60,520	\$60,288	\$60,057	\$59,826	\$59,594	\$59,363	\$59,131	\$58,900	\$58,669	\$719,295
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	\$133	\$132	\$131	\$130	\$129	\$128	\$127	\$127	\$126	\$125	\$124	\$123	\$1,535
08 - Oil Spill Clean-up/Response Equipment	Distribution	\$51	\$51	\$51	\$50	\$50	\$50	\$50	\$49	\$49	\$49	\$49	\$48	\$597
08 - Oil Spill Clean-up/Response Equipment	General	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$334
08 - Oil Spill Clean-up/Response Equipment	Intermediate	\$13,907	\$13,781	\$13,781	\$13,780	\$13,780	\$13,779	\$13,778	\$13,777	\$13,776	\$13,850	\$14,000	\$14,384	\$166,374
08 - Oil Spill Clean-up/Response Equipment	Peaking	\$14,088	\$13,985	\$13,978	\$13,970	\$13,962	\$13,954	\$13,946	\$13,938	\$13,929	\$14,017	\$14,202	\$14,698	\$168,667
10 - Relocate Storm Water Runoff	Base	\$530	\$528	\$527	\$525	\$524	\$522	\$521	\$519	\$518	\$516	\$515	\$513	\$6,259
12 - Scherer Discharge Pipeline	Base	\$2,878	\$2,870	\$2,862	\$2,853	\$2,844	\$2,836	\$2,827	\$2,819	\$2,810	\$2,802	\$2,793	\$2,785	\$33,978
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$22)
20 - Wastewater Discharge Elimination & Reuse	Peaking	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$3,578	\$42,940
21 - St. Lucie Turtle Nets	Base	\$62,313	\$62,226	\$62,139	\$62,051	\$61,964	\$61,877	\$61,790	\$61,703	\$61,615	\$61,528	\$61,441	\$61,354	\$742,000
22 - Pipeline Integrity Management	Intermediate	\$11,989	\$11,966	\$11,943	\$11,921	\$11,898	\$11,875	\$11,853	\$11,830	\$11,807	\$11,784	\$11,762	\$11,739	\$142,367
22 - Pipeline Integrity Management	Peaking	\$10,392	\$10,372	\$10,351	\$10,331	\$10,311	\$10,291	\$10,271	\$10,251	\$10,231	\$10,211	\$10,191	\$10,171	\$123,375
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	\$28,947	\$28,864	\$28,781	\$28,698	\$28,616	\$28,533	\$28,450	\$28,367	\$28,284	\$28,202	\$28,119	\$28,036	\$341,897
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$22,013	\$21,979	\$21,945	\$21,911	\$21,877	\$21,843	\$21,809	\$21,775	\$21,741	\$21,707	\$21,673	\$21,639	\$261,913
23 - SPCC - Spill Prevention, Control & Countermeasures	General	\$917	\$916	\$914	\$913	\$912	\$911	\$910	\$908	\$907	\$906	\$905	\$903	\$10,922
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$52,601	\$59,061	\$58,904	\$58,748	\$58,592	\$58,435	\$58,279	\$58,123	\$57,967	\$57,810	\$57,654	\$57,498	\$693,672
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$48,174	\$47,997	\$47,821	\$47,644	\$47,468	\$47,291	\$47,115	\$46,938	\$46,762	\$46,585	\$46,409	\$46,232	\$566,437
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$33,019	\$32,972	\$32,925	\$32,878	\$32,831	\$32,784	\$32,736	\$32,689	\$32,642	\$32,595	\$32,548	\$32,501	\$393,120
24 - Manatee Reburn	Peaking	\$254,504	\$253,645	\$252,785	\$251,926	\$251,067	\$250,207	\$249,348	\$248,489	\$247,629	\$246,770	\$245,910	\$245,051	\$2,997,332
26 - UST Remove/Replacement	General	\$565	\$564	\$563	\$562	\$561	\$560	\$559	\$558	\$557	\$556	\$555	\$554	\$6,713
28 - CWA 316(b) Phase II Rule	Intermediate	\$24,826	\$24,783	\$24,741	\$24,699	\$24,656	\$24,614	\$24,572	\$24,529	\$24,487	\$24,445	\$24,403	\$24,360	\$295,116
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$3,055,949	\$3,052,164	\$3,049,931	\$3,047,699	\$3,045,466	\$3,043,233	\$3,040,999	\$3,038,765	\$3,036,532	\$3,034,299	\$3,032,066	\$3,030,833	\$36,514,953
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$104
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$9,628	\$9,612	\$9,595	\$9,579	\$9,562	\$9,546	\$9,530	\$9,513	\$9,497	\$9,480	\$9,464	\$9,448	\$114,454
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$748,701	\$747,264	\$745,828	\$744,392	\$742,956	\$741,520	\$740,084	\$738,647	\$737,211	\$735,775	\$734,339	\$732,903	\$8,889,619
33 - MATS Project	Base	\$805,556	\$804,153	\$803,060	\$801,967	\$800,874	\$799,781	\$798,688	\$797,596	\$796,503	\$795,410	\$794,317	\$793,224	\$9,593,092
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	\$38,234	\$38,178	\$38,122	\$38,065	\$38,009	\$37,953	\$37,897	\$37,841	\$37,785	\$37,729	\$37,672	\$37,616	\$455,101
35 - Martin Plant Drinking Water System Compliance	Intermediate	\$978	\$976	\$974	\$972	\$970	\$968	\$966	\$965	\$963	\$961	\$959	\$957	\$11,608
35 - Martin Plant Drinking Water System Compliance	Peaking	\$738	\$736	\$735	\$733	\$732	\$730	\$729	\$728	\$726	\$725	\$723	\$722	\$8,757
36 - Low-Level Radioactive Waste Storage	Base	\$140,464	\$140,195	\$139,926	\$139,657	\$139,388	\$139,119	\$138,850	\$138,581	\$138,312	\$138,043	\$137,774	\$137,506	\$1,667,815
37 - DeSoto Next Generation Solar Energy Center	Solar	\$1,025,553	\$1,022,508	\$1,021,015	\$1,020,818	\$1,020,565	\$1,020,647	\$1,019,117	\$1,015,883	\$1,012,795	\$1,009,740	\$1,007,030	\$1,004,320	\$12,202,704
38 - Space Coast Next Generation Solar Energy Center	Solar	\$477,156	\$475,811	\$475,157	\$475,195	\$475,285	\$475,397	\$474,706	\$473,205	\$471,641	\$470,347	\$469,524	\$469,957	\$5,683,383
39 - Martin Next Generation Solar Energy Center	Intermediate	\$2,916,422	\$2,911,755	\$2,906,082	\$2,900,352	\$2,895,961	\$2,891,565	\$2,885,822	\$2,880,076	\$2,874,327	\$2,868,576	\$2,862,822	\$2,857,065	\$34,650,825
41 - Manatee Temporary Heating System	Distribution	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$18,389
41 - Manatee Temporary Heating System	Intermediate	\$275,203	\$273,930	\$272,656	\$271,383	\$270,109	\$268,836	\$267,562	\$266,289	\$265,015	\$263,742	\$262,468	\$261,195	\$3,218,387
41 - Manatee Temporary Heating System	Transmission	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$532,081	\$531,208	\$530,435	\$529,725	\$529,011	\$538,378	\$547,735	\$546,839	\$545,789	\$544,739	\$543,689	\$542,639	\$6,462,269
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	\$707	\$706	\$705	\$703	\$702	\$701	\$699	\$698	\$697	\$695	\$694	\$693	\$8,400
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	\$534	\$533	\$532	\$531	\$530	\$529	\$528	\$527	\$526	\$525	\$524	\$523	\$6,337
45 - 800 MW Unit ESP	Intermediate	\$722	\$719	\$716	\$713	\$711	\$708	\$705	\$703	\$700	\$697	\$694	\$692	\$8,480
45 - 800 MW Unit ESP	Peaking	\$1,596,241	\$1,593,351	\$1,590,460	\$1,587,569	\$1,584,678	\$1,581,788	\$1,578,897	\$1,576,006	\$1,573,115	\$1,570,225	\$1,567,334	\$1,564,443	\$18,964,106
47 - NPDES Permit Renewal Requirements	Base	\$0	\$0	\$269	\$808	\$1,346	\$1,884	\$2,423	\$2,961	\$3,499	\$4,038	\$4,576	\$5,114	\$27,667
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$3,906	\$4,673	\$6,207	\$7,740	\$9,274	\$10,808	\$12,341	\$13,875	\$15,408	\$16,942	\$18,476	\$20,010	\$144,266
54 - Coal Combustion Residuals	Base	\$761,004	\$762,406	\$766,073	\$769,741	\$773,408	\$777,075	\$780,742	\$784,409	\$788,076	\$791,743	\$795,410	\$854,128	\$9,404,214
Total		\$13,157,623	\$13,143,445	\$13,129,113	\$13,116,932	\$13,106,080	\$13,105,662	\$13,101,470	\$13,084,509	\$13,067,474	\$13,050,912	\$13,035,336	\$13,019,654	\$157,193,209

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE PROJECTION AMOUNT

FORM: 42-3P

JANUARY 2020 THROUGH DECEMBER 2020
CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

(1)	(2)	(4)	(5)	(6)	(7)	(8)
Capital Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification	
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	Energy	CP Demand
02 - Low NOX Burner Technology	Peaking	\$57,311	95.1325%	\$54,521	\$54,521	\$0
03 - Continuous Emission Monitoring Systems	Base	\$27,790	95.8799%	\$26,645	\$26,645	\$0
03 - Continuous Emission Monitoring Systems	Intermediate	\$286,753	94.2430%	\$270,245	\$270,245	\$0
03 - Continuous Emission Monitoring Systems	Peaking	\$167,129	95.1325%	\$158,994	\$158,994	\$0
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	\$1,819	95.7922%	\$1,743	\$134	\$1,609
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	\$225,850	94.1569%	\$212,653	\$16,358	\$196,295
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	\$719,295	95.0455%	\$683,657	\$52,589	\$631,068
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	\$656,806	96.9124%	\$636,527	\$48,964	\$587,563
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	\$1,535	95.7922%	\$1,470	\$113	\$1,357
08 - Oil Spill Clean-up/Response Equipment	Intermediate	\$166,374	94.1569%	\$156,652	\$12,050	\$144,602
08 - Oil Spill Clean-up/Response Equipment	Peaking	\$168,667	95.0455%	\$160,310	\$12,332	\$147,978
08 - Oil Spill Clean-up/Response Equipment	Distribution	\$597	100.0000%	\$597	\$46	\$551
08 - Oil Spill Clean-up/Response Equipment	General	\$334	96.9124%	\$323	\$25	\$298
10 - Relocate Storm Water Runoff	Base	\$6,259	95.7922%	\$5,996	\$461	\$5,535
12 - Scherer Discharge Pipeline	Base	\$33,978	95.7922%	\$32,549	\$2,504	\$30,045
21 - St. Lucie Turtle Nets	Base	\$742,000	95.7922%	\$710,779	\$54,675	\$656,103
20 - Wastewater Discharge Elimination & Reuse	Peaking	\$42,940	95.0455%	\$40,812	\$3,139	\$37,673
22 - Pipeline Integrity Management	Intermediate	\$142,367	94.1569%	\$134,048	\$10,311	\$123,737
22 - Pipeline Integrity Management	Peaking	\$123,375	95.0455%	\$117,263	\$9,020	\$108,242
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	\$341,897	95.7922%	\$327,511	\$25,193	\$302,318
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	\$693,672	94.1569%	\$653,140	\$50,242	\$602,899
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	\$666,437	95.0455%	\$538,373	\$41,413	\$496,959
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	\$393,120	89.9387%	\$353,567	\$27,197	\$326,370
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	\$261,913	100.0000%	\$261,913	\$20,147	\$241,766
23 - SPCC - Spill Prevention, Control & Countermeasures	General	\$10,922	96.9124%	\$10,585	\$814	\$9,771
24 - Manatee Reburn	Peaking	\$2,997,332	95.1325%	\$2,851,436	\$2,851,436	\$0
26 - UST Remove/Replacement	General	\$6,713	96.9124%	\$6,505	\$500	\$6,005
28 - CWA 316(b) Phase II Rule	Intermediate	\$295,116	94.1569%	\$277,872	\$21,375	\$256,497
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	\$36,514,953	95.7922%	\$34,978,487	\$2,690,653	\$32,287,834
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	\$114,454	94.1569%	\$107,766	\$8,290	\$99,476
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	\$8,889,619	95.0455%	\$8,449,182	\$649,937	\$7,799,245
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	\$104	100.0000%	\$104	\$8	\$96
33 - MATS Project	Base	\$9,593,092	95.7922%	\$9,189,436	\$706,880	\$8,482,556
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	\$455,101	95.7922%	\$435,952	\$33,535	\$402,417
35 - Martin Plant Drinking Water System Compliance	Intermediate	\$11,608	94.1569%	\$10,930	\$841	\$10,089
35 - Martin Plant Drinking Water System Compliance	Peaking	\$8,757	95.0455%	\$8,323	\$640	\$7,683
36 - Low-Level Radioactive Waste Storage	Base	\$1,667,815	95.7922%	\$1,597,637	\$122,895	\$1,474,742
37 - DeSoto Next Generation Solar Energy Center	Solar	\$12,202,704	95.7922%	\$11,689,242	\$899,172	\$10,790,070
38 - Space Coast Next Generation Solar Energy Center	Solar	\$5,683,383	95.7922%	\$5,444,239	\$418,788	\$5,025,452
39 - Martin Next Generation Solar Energy Center	Intermediate	\$34,650,825	94.1569%	\$32,626,125	\$2,509,702	\$30,116,423
41 - Manatee Temporary Heating System	Intermediate	\$3,218,387	94.1569%	\$3,030,332	\$233,102	\$2,797,229
41 - Manatee Temporary Heating System	Distribution	\$18,389	100.0000%	\$18,389	\$1,415	\$16,974
42 - Turkey Point Cooling Canal Monitoring Plan	Base	\$6,462,269	95.7922%	\$6,190,352	\$476,181	\$5,714,171
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	\$8,400	94.1569%	\$7,909	\$0	\$7,909
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	\$6,337	95.0455%	\$6,023	\$0	\$6,023
45 - 800 MW Unit ESP	Intermediate	\$8,480	94.1569%	\$7,985	\$0	\$7,985
45 - 800 MW Unit ESP	Peaking	\$18,964,106	95.0455%	\$18,024,527	\$0	\$18,024,527
47 - NPDES Permit Renewal Requirements	Base	\$27,667	95.7922%	\$26,503	\$0	\$26,503
50 - Steam Electric Effluent Guidelines Revised Rules	Base	\$144,266	95.7922%	\$138,196	\$10,630	\$127,565
54 - Coal Combustion Residuals	Base	\$9,404,214	95.7922%	\$9,008,506	\$692,962	\$8,315,544
NA-Amortization of Gains on Sales of Emissions Allowances	Base	(\$22)	95.8799%	(\$21)	(\$21)	\$0
	Total	\$157,193,209		\$149,682,808	\$13,227,054	\$136,455,754

JANUARY 2020 THROUGH DECEMBER 2020
CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
2. Total of Capital Investment Projects	\$13,157,623	\$13,143,445	\$13,129,113	\$13,116,932	\$13,106,080	\$13,105,662	\$13,101,470	\$13,084,509	\$13,067,474	\$13,050,912	\$13,035,336	\$13,094,654	\$157,193,209
3. Recoverable Costs Jurisdictionalized on Energy - Base	\$2,358	\$2,350	\$2,342	\$2,334	\$2,326	\$2,318	\$2,310	\$2,302	\$2,294	\$2,286	\$2,278	\$2,270	\$27,767
Recoverable Costs Jurisdictionalized on Energy - Intermediate	\$23,849	\$24,150	\$24,192	\$24,121	\$24,051	\$23,981	\$23,911	\$23,840	\$23,770	\$23,700	\$23,629	\$23,559	\$286,754
Recoverable Costs Jurisdictionalized on Energy - Peaking	\$273,556	\$272,634	\$271,711	\$270,788	\$269,865	\$268,942	\$268,020	\$267,097	\$266,174	\$265,251	\$264,328	\$263,406	\$3,221,772
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	\$33,019	\$32,972	\$32,925	\$32,878	\$32,831	\$32,784	\$32,736	\$32,689	\$32,642	\$32,595	\$32,548	\$32,501	\$393,120
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	\$5,432,146	\$5,427,748	\$5,428,614	\$5,429,812	\$5,431,005	\$5,442,279	\$5,453,542	\$5,454,553	\$5,455,410	\$5,456,267	\$5,457,125	\$5,528,366	\$65,396,866
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Intern.	\$3,326,139	\$3,326,383	\$3,319,133	\$3,311,824	\$3,305,854	\$3,299,878	\$3,292,556	\$3,285,231	\$3,277,903	\$3,270,648	\$3,263,466	\$3,256,515	\$39,535,532
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	\$2,483,659	\$2,478,799	\$2,474,034	\$2,469,269	\$2,464,504	\$2,459,738	\$2,454,973	\$2,450,207	\$2,445,441	\$2,440,772	\$2,436,200	\$2,431,938	\$29,489,533
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	\$1,502,709	\$1,498,319	\$1,496,173	\$1,496,013	\$1,495,850	\$1,496,044	\$1,493,823	\$1,489,088	\$1,484,436	\$1,480,087	\$1,476,555	\$1,476,990	\$17,886,087
Recoverable Costs Jurisdictionalized on 12 CP Demand - General	\$56,582	\$56,518	\$56,454	\$56,391	\$56,327	\$56,263	\$56,199	\$56,136	\$56,072	\$56,008	\$55,944	\$55,881	\$674,775
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	\$23,605	\$23,571	\$23,537	\$23,502	\$23,468	\$23,434	\$23,400	\$23,365	\$23,331	\$23,297	\$23,263	\$23,229	\$281,002
5. Retail Production Energy Jurisdictional Factor - Base	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	95.8799%	
Retail Production Energy Jurisdictional Factor - Intermediate	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	94.2430%	
Retail Production Energy Jurisdictional Factor - Peaking	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	95.1325%	
6. Retail Transmission Demand Jurisdictional Factor	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	89.9387%	
Retail Production Demand Jurisdictional Factor - Base	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	
Retail Production Demand Jurisdictional Factor - Intermediate	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	94.1569%	
Retail Production Demand Jurisdictional Factor - Peaking	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	95.0455%	
Retail Production Demand Jurisdictional Factor - Solar	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	95.7922%	
Retail Production Demand Jurisdictional Factor - General	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	96.9124%	
Retail Distribution Demand Jurisdictional Factor	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	100.0000%	
7. Jurisdictional Recoverable Costs - Transmission	\$29,697	\$29,655	\$29,612	\$29,570	\$29,528	\$29,485	\$29,443	\$29,400	\$29,358	\$29,316	\$29,273	\$29,231	\$353,567
Jurisdictional Recoverable Costs - Production - Base	\$5,205,835	\$5,201,615	\$5,202,436	\$5,203,575	\$5,204,711	\$5,215,503	\$5,226,284	\$5,227,244	\$5,228,058	\$5,228,872	\$5,229,685	\$5,297,921	\$62,671,738
Jurisdictional Recoverable Costs - Production - Intermediate	\$3,154,264	\$3,154,778	\$3,147,990	\$3,141,042	\$3,135,354	\$3,129,662	\$3,122,701	\$3,115,738	\$3,108,772	\$3,101,875	\$3,095,046	\$3,088,435	\$37,495,657
Jurisdictional Recoverable Costs - Production - Peaking	\$2,620,846	\$2,615,349	\$2,609,943	\$2,604,536	\$2,599,129	\$2,593,722	\$2,588,314	\$2,582,907	\$2,577,500	\$2,572,184	\$2,566,960	\$2,562,032	\$31,093,421
Jurisdictional Recoverable Costs - Production - Solar	\$1,439,478	\$1,435,273	\$1,433,217	\$1,433,065	\$1,432,908	\$1,433,094	\$1,430,967	\$1,426,431	\$1,421,975	\$1,417,808	\$1,414,425	\$1,414,841	\$17,133,481
Jurisdictional Recoverable Costs - General	\$54,835	\$54,773	\$54,711	\$54,649	\$54,588	\$54,526	\$54,464	\$54,402	\$54,341	\$54,279	\$54,217	\$54,155	\$653,940
Jurisdictional Recoverable Costs - Distribution	\$23,605	\$23,571	\$23,537	\$23,502	\$23,468	\$23,434	\$23,400	\$23,365	\$23,331	\$23,297	\$23,263	\$23,229	\$281,002
8. Total Jurisdictional Recoverable Costs for Capital Investment Activities	\$12,528,561	\$12,515,014	\$12,501,445	\$12,489,940	\$12,479,685	\$12,479,425	\$12,475,573	\$12,459,489	\$12,443,334	\$12,427,630	\$12,412,869	\$12,469,844	\$149,682,808

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
02 - Low NOX Burner Technology Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3a. Less: Accumulated Depreciation	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
3b. Less: Capital Recovery Unamortized Balance	(\$263,079)	(\$259,947)	(\$256,815)	(\$253,683)	(\$250,552)	(\$247,420)	(\$244,288)	(\$241,156)	(\$238,024)	(\$234,892)	(\$231,760)	(\$228,628)	(\$225,496)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$263,079</u>	<u>\$259,948</u>	<u>\$256,816</u>	<u>\$253,684</u>	<u>\$250,552</u>	<u>\$247,420</u>	<u>\$244,288</u>	<u>\$241,156</u>	<u>\$238,024</u>	<u>\$234,892</u>	<u>\$231,760</u>	<u>\$228,629</u>	<u>\$225,497</u>	
6. Average Net Investment		\$261,514	\$258,382	\$255,250	\$252,118	\$248,986	\$245,854	\$242,722	\$239,590	\$236,458	\$233,326	\$230,195	\$227,063	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,466	\$1,448	\$1,430	\$1,413	\$1,395	\$1,378	\$1,360	\$1,343	\$1,325	\$1,308	\$1,290	\$1,273	\$16,429
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$294	\$291	\$287	\$284	\$280	\$277	\$273	\$270	\$266	\$263	\$259	\$256	\$3,300
8. Investment Expenses														
a. Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization		\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$3,132	\$37,583
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$4,892</u>	<u>\$4,871</u>	<u>\$4,850</u>	<u>\$4,829</u>	<u>\$4,808</u>	<u>\$4,786</u>	<u>\$4,765</u>	<u>\$4,744</u>	<u>\$4,723</u>	<u>\$4,702</u>	<u>\$4,681</u>	<u>\$4,660</u>	<u>\$57,311</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	\$515,653	
3a. Less: Accumulated Depreciation	\$405,100	\$406,298	\$407,497	\$408,696	\$409,895	\$411,094	\$412,293	\$413,492	\$414,691	\$415,890	\$417,089	\$418,287	\$419,486	
3b. Less: Capital Recovery Unamortized Balance	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	(\$62,603)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$173,157	\$171,958	\$170,759	\$169,560	\$168,361	\$167,162	\$165,963	\$164,764	\$163,565	\$162,366	\$161,168	\$159,969	\$158,770	
6. Average Net Investment		\$172,557	\$171,358	\$170,159	\$168,960	\$167,761	\$166,563	\$165,364	\$164,165	\$162,966	\$161,767	\$160,568	\$159,369	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$967	\$960	\$954	\$947	\$940	\$933	\$927	\$920	\$913	\$907	\$900	\$893	\$11,161
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$194	\$193	\$192	\$190	\$189	\$187	\$186	\$185	\$183	\$182	\$181	\$179	\$2,242
8. Investment Expenses														
a. Depreciation		\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$1,199	\$14,387
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$2,360	\$2,352	\$2,344	\$2,336	\$2,328	\$2,320	\$2,312	\$2,304	\$2,296	\$2,288	\$2,279	\$2,271	\$2,270	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$77,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$77,070
b. Clearings to Plant		\$0	\$77,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$77,070
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$2,308,740	\$2,308,740	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	\$2,385,810	
3a. Less: Accumulated Depreciation	\$519,793	\$527,594	\$535,506	\$543,529	\$551,552	\$559,575	\$567,599	\$575,622	\$583,645	\$591,668	\$599,692	\$607,715	\$615,738	
3b. Less: Capital Recovery Unamortized Balance	(\$203,055)	(\$200,638)	(\$198,221)	(\$195,803)	(\$193,386)	(\$190,969)	(\$188,552)	(\$186,134)	(\$183,717)	(\$181,300)	(\$178,882)	(\$176,465)	(\$174,048)	
4. CWIP	\$0	\$77,070	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$1,992,003</u>	<u>\$2,058,854</u>	<u>\$2,048,525</u>	<u>\$2,038,084</u>	<u>\$2,027,644</u>	<u>\$2,017,203</u>	<u>\$2,006,763</u>	<u>\$1,996,322</u>	<u>\$1,985,882</u>	<u>\$1,975,441</u>	<u>\$1,965,001</u>	<u>\$1,954,560</u>	<u>\$1,944,119</u>	
6. Average Net Investment		\$2,025,428	\$2,053,690	\$2,043,305	\$2,032,864	\$2,022,424	\$2,011,983	\$2,001,542	\$1,991,102	\$1,980,661	\$1,970,221	\$1,959,780	\$1,949,340	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$11,351	\$11,509	\$11,451	\$11,393	\$11,334	\$11,276	\$11,217	\$11,159	\$11,100	\$11,042	\$10,983	\$10,925	\$134,739
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$2,280	\$2,312	\$2,300	\$2,288	\$2,276	\$2,265	\$2,253	\$2,241	\$2,229	\$2,218	\$2,206	\$2,194	\$27,062
8. Investment Expenses														
a. Depreciation		\$7,801	\$7,912	\$8,023	\$8,023	\$8,023	\$8,023	\$8,023	\$8,023	\$8,023	\$8,023	\$8,023	\$8,023	\$95,945
b. Amortization		\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$2,417	\$29,008
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$23,849</u>	<u>\$24,150</u>	<u>\$24,192</u>	<u>\$24,121</u>	<u>\$24,051</u>	<u>\$23,981</u>	<u>\$23,911</u>	<u>\$23,840</u>	<u>\$23,770</u>	<u>\$23,700</u>	<u>\$23,629</u>	<u>\$23,559</u>	<u>\$286,753</u>	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

Beginning balances may not tie to 2019 Actual/Estimated ending balances due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724	\$1,201,724
3b. Less: Capital Recovery Unamortized Balance	\$176,873	\$181,410	\$185,946	\$190,483	\$195,020	\$199,556	\$204,093	\$208,629	\$213,166	\$217,702	\$222,239	\$226,776	\$231,312	\$231,312
4. CWIP	(\$147,463)	(\$145,708)	(\$143,952)	(\$142,197)	(\$140,441)	(\$138,686)	(\$136,930)	(\$135,175)	(\$133,419)	(\$131,664)	(\$129,908)	(\$128,153)	(\$126,397)	(\$126,397)
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<u>\$1,172,313</u>	<u>\$1,166,021</u>	<u>\$1,159,729</u>	<u>\$1,153,437</u>	<u>\$1,147,145</u>	<u>\$1,140,853</u>	<u>\$1,134,561</u>	<u>\$1,128,269</u>	<u>\$1,121,977</u>	<u>\$1,115,685</u>	<u>\$1,109,393</u>	<u>\$1,103,101</u>	<u>\$1,096,808</u>	
6. Average Net Investment		\$1,169,167	\$1,162,875	\$1,156,583	\$1,150,291	\$1,143,999	\$1,137,707	\$1,131,415	\$1,125,123	\$1,118,831	\$1,112,539	\$1,106,247	\$1,099,955	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$6,552	\$6,517	\$6,482	\$6,446	\$6,411	\$6,376	\$6,341	\$6,305	\$6,270	\$6,235	\$6,200	\$6,164	\$76,300
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$1,316	\$1,309	\$1,302	\$1,295	\$1,288	\$1,281	\$1,274	\$1,266	\$1,259	\$1,252	\$1,245	\$1,238	\$15,325
8. Investment Expenses														
a. Depreciation		\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$4,537	\$54,439
b. Amortization		\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$1,756	\$21,066
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$14,160</u>	<u>\$14,118</u>	<u>\$14,076</u>	<u>\$14,033</u>	<u>\$13,991</u>	<u>\$13,949</u>	<u>\$13,906</u>	<u>\$13,864</u>	<u>\$13,822</u>	<u>\$13,779</u>	<u>\$13,737</u>	<u>\$13,695</u>	<u>\$167,129</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

Beginning balances may not tie to 2019 Actual/Estimated ending balances due to rounding.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3a. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3b. Less: Capital Recovery Unamortized Balance	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)	(\$22,529)
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>	<u>\$22,529</u>
6. Average Net Investment		\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529	\$22,529
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$126	\$126	\$126	\$126	\$126	\$126	\$126	\$126	\$126	\$126	\$126	\$126	\$1,515
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$25	\$304
8. Investment Expenses														
a. Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$152</u>	<u>\$1,819</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323	\$7,313,323
3a. Less: Accumulated Depreciation	\$483,805	\$492,947	\$502,089	\$511,230	\$520,372	\$529,514	\$538,655	\$547,797	\$556,939	\$566,080	\$575,222	\$584,364	\$593,505	\$593,505
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$6,829,518	\$6,820,376	\$6,811,234	\$6,802,093	\$6,792,951	\$6,783,809	\$6,774,668	\$6,765,526	\$6,756,385	\$6,747,243	\$6,738,101	\$6,728,960	\$6,719,818	\$6,719,818
6. Average Net Investment														
		\$6,824,947	\$6,815,805	\$6,806,664	\$6,797,522	\$6,788,380	\$6,779,239	\$6,770,097	\$6,760,955	\$6,751,814	\$6,742,672	\$6,733,530	\$6,724,389	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$38,249	\$38,197	\$38,146	\$38,095	\$38,044	\$37,992	\$37,941	\$37,890	\$37,839	\$37,787	\$37,736	\$37,685	\$455,601
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$7,682	\$7,672	\$7,661	\$7,651	\$7,641	\$7,631	\$7,620	\$7,610	\$7,600	\$7,589	\$7,579	\$7,569	\$91,505
8. Investment Expenses														
a. Depreciation		\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$9,142	\$109,700
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$55,072	\$55,011	\$54,949	\$54,888	\$54,826	\$54,765	\$54,703	\$54,642	\$54,580	\$54,519	\$54,457	\$54,395	\$656,806

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632	\$2,290,632
3b. Less: Capital Recovery Unamortized Balance	\$1,046,857	\$1,052,824	\$1,058,792	\$1,064,759	\$1,070,726	\$1,076,693	\$1,082,660	\$1,088,627	\$1,094,594	\$1,100,561	\$1,106,528	\$1,112,495	\$1,118,463	\$1,118,463
4. CWIP	(\$259,817)	(\$256,716)	(\$253,615)	(\$250,514)	(\$247,413)	(\$244,312)	(\$241,211)	(\$238,110)	(\$235,009)	(\$231,908)	(\$228,807)	(\$225,706)	(\$222,605)	(\$222,605)
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<u>\$1,503,592</u>	<u>\$1,494,524</u>	<u>\$1,485,456</u>	<u>\$1,476,388</u>	<u>\$1,467,320</u>	<u>\$1,458,251</u>	<u>\$1,449,183</u>	<u>\$1,440,115</u>	<u>\$1,431,047</u>	<u>\$1,421,979</u>	<u>\$1,412,911</u>	<u>\$1,403,843</u>	<u>\$1,394,775</u>	
6. Average Net Investment		\$1,499,058	\$1,489,990	\$1,480,922	\$1,471,854	\$1,462,786	\$1,453,717	\$1,444,649	\$1,435,581	\$1,426,513	\$1,417,445	\$1,408,377	\$1,399,309	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$8,401	\$8,350	\$8,299	\$8,249	\$8,198	\$8,147	\$8,096	\$8,045	\$7,994	\$7,944	\$7,893	\$7,842	\$97,459
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$1,687	\$1,677	\$1,667	\$1,657	\$1,646	\$1,636	\$1,626	\$1,616	\$1,606	\$1,595	\$1,585	\$1,575	\$19,574
8. Investment Expenses														
a. Depreciation		\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$5,967	\$71,605
b. Amortization		\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$3,101	\$37,212
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$19,156</u>	<u>\$19,095</u>	<u>\$19,034</u>	<u>\$18,973</u>	<u>\$18,912</u>	<u>\$18,851</u>	<u>\$18,790</u>	<u>\$18,729</u>	<u>\$18,668</u>	<u>\$18,607</u>	<u>\$18,546</u>	<u>\$18,485</u>	<u>\$225,850</u>

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	\$3,516,550	
3b. Less: Capital Recovery Unamortized Balance	\$1,461,597	\$1,472,778	\$1,483,953	\$1,495,129	\$1,506,304	\$1,517,480	\$1,528,655	\$1,539,830	\$1,551,006	\$1,562,181	\$1,573,357	\$1,584,532	\$1,595,708	
4. CWIP	(\$1,949,790)	(\$1,926,589)	(\$1,903,387)	(\$1,880,184)	(\$1,856,981)	(\$1,833,778)	(\$1,810,575)	(\$1,787,373)	(\$1,764,170)	(\$1,740,967)	(\$1,717,764)	(\$1,694,561)	(\$1,671,358)	
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<u>\$4,004,740</u>	<u>\$3,970,362</u>	<u>\$3,935,984</u>	<u>\$3,901,605</u>	<u>\$3,867,227</u>	<u>\$3,832,849</u>	<u>\$3,798,471</u>	<u>\$3,764,092</u>	<u>\$3,729,714</u>	<u>\$3,695,336</u>	<u>\$3,660,958</u>	<u>\$3,626,579</u>	<u>\$3,592,201</u>	
6. Average Net Investment		\$3,987,551	\$3,953,173	\$3,918,794	\$3,884,416	\$3,850,038	\$3,815,660	\$3,781,281	\$3,746,903	\$3,712,525	\$3,678,147	\$3,643,768	\$3,609,390	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$22,347	\$22,154	\$21,962	\$21,769	\$21,576	\$21,384	\$21,191	\$20,998	\$20,806	\$20,613	\$20,420	\$20,228	\$255,450
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$4,488	\$4,450	\$4,411	\$4,372	\$4,334	\$4,295	\$4,256	\$4,217	\$4,179	\$4,140	\$4,101	\$4,063	\$51,306
8. Investment Expenses														
a. Depreciation		\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$11,175	\$134,105
b. Amortization		\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$23,203	\$278,434
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$61,214</u>	<u>\$60,982</u>	<u>\$60,751</u>	<u>\$60,520</u>	<u>\$60,288</u>	<u>\$60,057</u>	<u>\$59,826</u>	<u>\$59,594</u>	<u>\$59,363</u>	<u>\$59,131</u>	<u>\$58,900</u>	<u>\$58,669</u>	<u>\$719,295</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	\$31,030	
3a. Less: Accumulated Depreciation	\$30,869	\$31,001	\$31,133	\$31,265	\$31,397	\$31,529	\$31,662	\$31,794	\$31,926	\$32,058	\$32,190	\$32,322	\$32,454	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$161	\$29	(\$103)	(\$235)	(\$367)	(\$499)	(\$632)	(\$764)	(\$896)	(\$1,028)	(\$1,160)	(\$1,292)	(\$1,424)	
6. Average Net Investment		\$95	(\$37)	(\$169)	(\$301)	(\$433)	(\$566)	(\$698)	(\$830)	(\$962)	(\$1,094)	(\$1,226)	(\$1,358)	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1	(\$0)	(\$1)	(\$2)	(\$2)	(\$3)	(\$4)	(\$5)	(\$5)	(\$6)	(\$7)	(\$8)	(\$42)
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$0	(\$0)	(\$0)	(\$0)	(\$0)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$1)	(\$2)	(\$9)
8. Investment Expenses														
a. Depreciation		\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$132	\$1,586
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$133	\$132	\$131	\$130	\$129	\$128	\$127	\$127	\$127	\$126	\$125	\$124	\$123	\$1,535

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment Distribution														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	\$23,498	
3a. Less: Accumulated Depreciation	\$583	\$618	\$653	\$688	\$723	\$757	\$792	\$827	\$862	\$897	\$932	\$967	\$1,002	
4. CWIP	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	(\$20,503)	
5. Net Investment (Lines 2 - 3 + 4)	\$2,412	\$2,377	\$2,343	\$2,308	\$2,273	\$2,238	\$2,203	\$2,168	\$2,133	\$2,098	\$2,063	\$2,028	\$1,994	
6. Average Net Investment		\$2,395	\$2,360	\$2,325	\$2,290	\$2,255	\$2,220	\$2,185	\$2,151	\$2,116	\$2,081	\$2,046	\$2,011	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$13	\$13	\$13	\$13	\$13	\$12	\$12	\$12	\$12	\$12	\$11	\$11	\$148
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$3	\$3	\$3	\$3	\$3	\$2	\$2	\$2	\$2	\$2	\$2	\$2	\$30
8. Investment Expenses														
a. Depreciation		\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$35	\$419
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$51	\$51	\$51	\$50	\$50	\$50	\$50	\$49	\$49	\$49	\$49	\$48	\$597

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413	\$4,413
3a. Less: Accumulated Depreciation	\$1,069	\$1,075	\$1,080	\$1,086	\$1,091	\$1,097	\$1,102	\$1,108	\$1,114	\$1,119	\$1,125	\$1,130	\$1,136	\$1,136
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$3,343	\$3,338	\$3,332	\$3,327	\$3,321	\$3,316	\$3,310	\$3,305	\$3,299	\$3,294	\$3,288	\$3,283	\$3,277	\$3,277
6. Average Net Investment														
		\$3,341	\$3,335	\$3,330	\$3,324	\$3,319	\$3,313	\$3,308	\$3,302	\$3,296	\$3,291	\$3,285	\$3,280	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$19	\$18	\$18	\$18	\$18	\$223
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$4	\$45
8. Investment Expenses														
a. Depreciation		\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$6	\$66
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$28	\$334

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$24,347	\$24,347	\$46,954	\$111,308
b. Clearings to Plant		(\$19,401)	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$1,740	\$198,664	\$196,662
c. Retirements		(\$21,141)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$4,473)	(\$25,613)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,053,886	\$1,034,485	\$1,036,225	\$1,037,964	\$1,039,704	\$1,041,444	\$1,043,184	\$1,044,924	\$1,046,664	\$1,048,404	\$1,050,144	\$1,051,884	\$1,250,548	
3a. Less: Accumulated Depreciation	\$11,534	(\$3,443)	\$2,623	\$8,719	\$14,843	\$20,997	\$27,180	\$33,391	\$39,632	\$45,901	\$52,200	\$58,527	\$60,570	
3b. Less: Capital Recovery Unamortized Balance	\$154	\$152	\$150	\$148	\$146	\$145	\$143	\$141	\$139	\$137	\$135	\$134	\$132	
4. CWIP	\$110,972	\$110,972	\$110,972	\$110,972	\$110,972	\$110,972	\$110,972	\$110,972	\$110,972	\$110,972	\$133,579	\$156,186	\$4	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$1,153,169</u>	<u>\$1,148,748</u>	<u>\$1,144,423</u>	<u>\$1,140,069</u>	<u>\$1,135,686</u>	<u>\$1,131,274</u>	<u>\$1,126,833</u>	<u>\$1,122,364</u>	<u>\$1,117,865</u>	<u>\$1,113,337</u>	<u>\$1,131,387</u>	<u>\$1,149,409</u>	<u>\$1,189,850</u>	
6. Average Net Investment		\$1,150,958	\$1,146,585	\$1,142,246	\$1,137,878	\$1,133,480	\$1,129,054	\$1,124,599	\$1,120,114	\$1,115,601	\$1,122,362	\$1,140,398	\$1,169,630	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$6,450	\$6,426	\$6,401	\$6,377	\$6,352	\$6,327	\$6,303	\$6,277	\$6,252	\$6,290	\$6,391	\$6,555	\$76,402
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$1,295	\$1,291	\$1,286	\$1,281	\$1,276	\$1,271	\$1,266	\$1,261	\$1,256	\$1,263	\$1,284	\$1,317	\$15,345
8. Investment Expenses														
a. Depreciation		\$6,163	\$6,067	\$6,096	\$6,125	\$6,154	\$6,183	\$6,212	\$6,241	\$6,270	\$6,299	\$6,328	\$6,515	\$74,649
b. Amortization		(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$22)
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$13,907</u>	<u>\$13,781</u>	<u>\$13,781</u>	<u>\$13,780</u>	<u>\$13,780</u>	<u>\$13,779</u>	<u>\$13,778</u>	<u>\$13,777</u>	<u>\$13,776</u>	<u>\$13,850</u>	<u>\$14,000</u>	<u>\$14,384</u>	<u>\$166,374</u>	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment Peaking														
1. Investments														
a. Expenditures/Additions		\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$30,085	\$30,085	\$58,858	\$130,842
b. Clearings to Plant		(\$14,636)	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$254,262	\$252,752
c. Retirements		(\$15,948)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$3,374)	(\$19,322)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,234,350	\$1,219,714	\$1,221,026	\$1,222,339	\$1,223,652	\$1,224,964	\$1,226,277	\$1,227,589	\$1,228,902	\$1,230,214	\$1,231,527	\$1,232,840	\$1,487,101	
3a. Less: Accumulated Depreciation	\$134,650	\$124,454	\$130,132	\$135,833	\$141,555	\$147,299	\$153,065	\$158,853	\$164,663	\$170,495	\$176,348	\$182,224	\$184,962	
4. CWIP	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$141,228	\$198,774	(\$54)
5. Net Investment (Lines 2 - 3 + 4)	\$1,240,928	\$1,236,489	\$1,232,123	\$1,227,735	\$1,223,325	\$1,218,893	\$1,214,440	\$1,209,964	\$1,205,467	\$1,200,948	\$1,225,180	\$1,249,390	\$1,302,135	
6. Average Net Investment		\$1,238,708	\$1,234,306	\$1,229,929	\$1,225,530	\$1,221,109	\$1,216,666	\$1,212,202	\$1,207,716	\$1,203,207	\$1,213,064	\$1,237,285	\$1,275,763	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$6,942	\$6,917	\$6,893	\$6,868	\$6,843	\$6,818	\$6,793	\$6,768	\$6,743	\$6,798	\$6,934	\$7,150	\$82,469
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$1,394	\$1,389	\$1,384	\$1,379	\$1,374	\$1,369	\$1,364	\$1,359	\$1,354	\$1,365	\$1,393	\$1,436	\$16,564
8. Investment Expenses														
a. Depreciation		\$5,752	\$5,679	\$5,700	\$5,722	\$5,744	\$5,766	\$5,788	\$5,810	\$5,832	\$5,854	\$5,875	\$6,112	\$69,634
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$14,088	\$13,985	\$13,978	\$13,970	\$13,962	\$13,954	\$13,946	\$13,938	\$13,929	\$14,017	\$14,202	\$14,698	\$168,667	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
10 - Relocate Storm Water Runoff Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	\$117,794	
3a. Less: Accumulated Depreciation	\$71,778	\$71,999	\$72,220	\$72,441	\$72,662	\$72,883	\$73,103	\$73,324	\$73,545	\$73,766	\$73,987	\$74,208	\$74,429	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$46,016	\$45,795	\$45,574	\$45,353	\$45,132	\$44,911	\$44,690	\$44,470	\$44,249	\$44,028	\$43,807	\$43,586	\$43,365	
6. Average Net Investment		\$45,905	\$45,684	\$45,463	\$45,243	\$45,022	\$44,801	\$44,580	\$44,359	\$44,138	\$43,917	\$43,697	\$43,476	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$257	\$256	\$255	\$254	\$252	\$251	\$250	\$249	\$247	\$246	\$245	\$244	\$3,005
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$52	\$51	\$51	\$51	\$51	\$50	\$50	\$50	\$50	\$49	\$49	\$49	\$604
8. Investment Expenses														
a. Depreciation		\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$221	\$2,650
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$530	\$528	\$527	\$525	\$524	\$522	\$521	\$519	\$518	\$516	\$515	\$513	\$6,259

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
12 - Scherer Discharge Pipeline														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	\$854,324	
3a. Less: Accumulated Depreciation	\$615,029	\$616,301	\$617,573	\$618,846	\$620,118	\$621,391	\$622,664	\$623,936	\$625,209	\$626,481	\$627,754	\$629,027	\$630,299	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$239,294	\$238,023	\$236,750	\$235,478	\$234,205	\$232,933	\$231,660	\$230,387	\$229,115	\$227,842	\$226,570	\$225,297	\$224,024	
6. Average Net Investment		\$238,659	\$237,387	\$236,114	\$234,842	\$233,569	\$232,296	\$231,024	\$229,751	\$228,479	\$227,206	\$225,933	\$224,661	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,337	\$1,330	\$1,323	\$1,316	\$1,309	\$1,302	\$1,295	\$1,288	\$1,280	\$1,273	\$1,266	\$1,259	\$15,579
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$269	\$267	\$266	\$264	\$263	\$261	\$260	\$259	\$257	\$256	\$254	\$253	\$3,129
8. Investment Expenses														
a. Depreciation		\$1,271	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$1,273	\$15,270
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$2,878	\$2,870	\$2,862	\$2,853	\$2,844	\$2,836	\$2,827	\$2,819	\$2,810	\$2,802	\$2,793	\$2,785	\$33,978

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
20 - Wastewater Discharge Elimination & Reuse Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3a. Less: Accumulated Depreciation	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	(\$531,712)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	<u>\$531,712</u>	
6. Average Net Investment		\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	\$531,712	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$35,758
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$598	\$598	\$598	\$598	\$598	\$598	\$598	\$598	\$598	\$598	\$598	\$598	\$7,182
8. Investment Expenses														
a. Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$3,578</u>	<u>\$42,940</u>

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
21 - St. Lucie Turtle Nets Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	\$6,909,559	
3a. Less: Accumulated Depreciation	(\$431,076)	(\$418,121)	(\$405,165)	(\$392,210)	(\$379,255)	(\$366,299)	(\$353,344)	(\$340,388)	(\$327,433)	(\$314,477)	(\$301,522)	(\$288,567)	(\$275,611)	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$7,340,635	\$7,327,679	\$7,314,724	\$7,301,769	\$7,288,813	\$7,275,858	\$7,262,902	\$7,249,947	\$7,236,991	\$7,224,036	\$7,211,081	\$7,198,125	\$7,185,170	
6. Average Net Investment		\$7,334,157	\$7,321,202	\$7,308,246	\$7,295,291	\$7,282,335	\$7,269,380	\$7,256,425	\$7,243,469	\$7,230,514	\$7,217,558	\$7,204,603	\$7,191,647	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$41,102	\$41,030	\$40,957	\$40,884	\$40,812	\$40,739	\$40,667	\$40,594	\$40,521	\$40,449	\$40,376	\$40,304	\$488,435
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$8,255	\$8,241	\$8,226	\$8,211	\$8,197	\$8,182	\$8,168	\$8,153	\$8,139	\$8,124	\$8,109	\$8,095	\$98,100
8. Investment Expenses														
a. Depreciation		\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$12,955	\$155,465
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$62,313	\$62,226	\$62,139	\$62,051	\$61,964	\$61,877	\$61,790	\$61,703	\$61,615	\$61,528	\$61,441	\$61,354	\$742,000

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
22 - Pipeline Integrity Management														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	\$1,544,262	
3a. Less: Accumulated Depreciation	\$263,059	\$266,437	\$269,815	\$273,193	\$276,571	\$279,949	\$283,327	\$286,705	\$290,083	\$293,461	\$296,839	\$300,217	\$303,596	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$1,281,203	\$1,277,825	\$1,274,447	\$1,271,069	\$1,267,691	\$1,264,312	\$1,260,934	\$1,257,556	\$1,254,178	\$1,250,800	\$1,247,422	\$1,244,044	\$1,240,666	
6. Average Net Investment		\$1,279,514	\$1,276,136	\$1,272,758	\$1,269,380	\$1,266,002	\$1,262,623	\$1,259,245	\$1,255,867	\$1,252,489	\$1,249,111	\$1,245,733	\$1,242,355	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$7,171	\$7,152	\$7,133	\$7,114	\$7,095	\$7,076	\$7,057	\$7,038	\$7,019	\$7,000	\$6,981	\$6,962	\$84,799
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$1,440	\$1,436	\$1,433	\$1,429	\$1,425	\$1,421	\$1,417	\$1,414	\$1,410	\$1,406	\$1,402	\$1,398	\$17,031
8. Investment Expenses														
a. Depreciation		\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$3,378	\$40,537
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$11,989	\$11,966	\$11,943	\$11,921	\$11,898	\$11,875	\$11,853	\$11,830	\$11,807	\$11,784	\$11,762	\$11,739	\$142,367

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
22 - Pipeline Integrity Management														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	\$1,328,530	
3a. Less: Accumulated Depreciation	\$225,796	\$228,777	\$231,757	\$234,737	\$237,718	\$240,698	\$243,679	\$246,659	\$249,640	\$252,620	\$255,601	\$258,581	\$261,561	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$1,102,734</u>	<u>\$1,099,753</u>	<u>\$1,096,773</u>	<u>\$1,093,792</u>	<u>\$1,090,812</u>	<u>\$1,087,831</u>	<u>\$1,084,851</u>	<u>\$1,081,870</u>	<u>\$1,078,890</u>	<u>\$1,075,910</u>	<u>\$1,072,929</u>	<u>\$1,069,949</u>	<u>\$1,066,968</u>	
6. Average Net Investment		\$1,101,243	\$1,098,263	\$1,095,282	\$1,092,302	\$1,089,322	\$1,086,341	\$1,083,361	\$1,080,380	\$1,077,400	\$1,074,419	\$1,071,439	\$1,068,459	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$6,172	\$6,155	\$6,138	\$6,122	\$6,105	\$6,088	\$6,071	\$6,055	\$6,038	\$6,021	\$6,005	\$5,988	\$72,957
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$1,240	\$1,236	\$1,233	\$1,229	\$1,226	\$1,223	\$1,219	\$1,216	\$1,213	\$1,209	\$1,206	\$1,203	\$14,653
8. Investment Expenses														
a. Depreciation		\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$2,980	\$35,765
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$10,392</u>	<u>\$10,372</u>	<u>\$10,351</u>	<u>\$10,331</u>	<u>\$10,311</u>	<u>\$10,291</u>	<u>\$10,271</u>	<u>\$10,251</u>	<u>\$10,231</u>	<u>\$10,211</u>	<u>\$10,191</u>	<u>\$10,171</u>	<u>\$123,375</u>	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	\$3,245,435	
3a. Less: Accumulated Depreciation	\$765,827	\$778,128	\$790,429	\$802,729	\$815,030	\$827,331	\$839,632	\$851,933	\$864,234	\$876,534	\$888,835	\$901,136	\$913,437	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$2,479,608	\$2,467,307	\$2,455,006	\$2,442,705	\$2,430,404	\$2,418,103	\$2,405,803	\$2,393,502	\$2,381,201	\$2,368,900	\$2,356,599	\$2,344,298	\$2,331,998	
6. Average Net Investment		\$2,473,457	\$2,461,156	\$2,448,856	\$2,436,555	\$2,424,254	\$2,411,953	\$2,399,652	\$2,387,351	\$2,375,051	\$2,362,750	\$2,350,449	\$2,338,148	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$13,862	\$13,793	\$13,724	\$13,655	\$13,586	\$13,517	\$13,448	\$13,379	\$13,310	\$13,241	\$13,172	\$13,104	\$161,792
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$2,784	\$2,770	\$2,756	\$2,743	\$2,729	\$2,715	\$2,701	\$2,687	\$2,673	\$2,659	\$2,646	\$2,632	\$32,495
8. Investment Expenses														
a. Depreciation		\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$12,301	\$147,610
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$28,947	\$28,864	\$28,781	\$28,698	\$28,616	\$28,533	\$28,450	\$28,367	\$28,284	\$28,202	\$28,119	\$28,036	\$341,897	

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures Distribution														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	\$3,453,083	
3a. Less: Accumulated Depreciation	\$981,453	\$986,503	\$991,554	\$996,604	\$1,001,654	\$1,006,705	\$1,011,755	\$1,016,806	\$1,021,856	\$1,026,907	\$1,031,957	\$1,037,007	\$1,042,058	
4. CWIP	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	\$51,409	
5. Net Investment (Lines 2 - 3 + 4)	\$2,523,039	\$2,517,988	\$2,512,938	\$2,507,887	\$2,502,837	\$2,497,787	\$2,492,736	\$2,487,686	\$2,482,635	\$2,477,585	\$2,472,534	\$2,467,484	\$2,462,434	
6. Average Net Investment		\$2,520,514	\$2,515,463	\$2,510,413	\$2,505,362	\$2,500,312	\$2,495,261	\$2,490,211	\$2,485,161	\$2,480,110	\$2,475,060	\$2,470,009	\$2,464,959	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$14,126	\$14,097	\$14,069	\$14,041	\$14,012	\$13,984	\$13,956	\$13,927	\$13,899	\$13,871	\$13,842	\$13,814	\$167,638
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$2,837	\$2,831	\$2,826	\$2,820	\$2,814	\$2,809	\$2,803	\$2,797	\$2,792	\$2,786	\$2,780	\$2,775	\$33,669
8. Investment Expenses														
a. Depreciation		\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$5,050	\$60,605
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$22,013	\$21,979	\$21,945	\$21,911	\$21,877	\$21,843	\$21,809	\$21,775	\$21,741	\$21,707	\$21,673	\$21,639	\$21,605	\$261,913

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	\$146,691	
3a. Less: Accumulated Depreciation	\$37,593	\$37,776	\$37,960	\$38,143	\$38,326	\$38,510	\$38,693	\$38,876	\$39,060	\$39,243	\$39,426	\$39,610	\$39,793	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$109,098	\$108,915	\$108,732	\$108,548	\$108,365	\$108,182	\$107,998	\$107,815	\$107,632	\$107,448	\$107,265	\$107,082	\$106,898	
6. Average Net Investment														
		\$109,007	\$108,823	\$108,640	\$108,457	\$108,273	\$108,090	\$107,907	\$107,723	\$107,540	\$107,357	\$107,173	\$106,990	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$611	\$610	\$609	\$608	\$607	\$606	\$605	\$604	\$603	\$602	\$601	\$600	\$7,263
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$123	\$122	\$122	\$122	\$122	\$122	\$121	\$121	\$121	\$121	\$121	\$120	\$1,459
8. Investment Expenses														
a. Depreciation		\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$183	\$2,200
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$917	\$916	\$914	\$913	\$912	\$911	\$910	\$908	\$907	\$906	\$905	\$903	\$10,922

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717	\$5,235,717
3b. Less: Capital Recovery Unamortized Balance	\$770,716	\$776,731	\$789,340	\$801,949	\$814,557	\$827,166	\$839,774	\$852,383	\$864,992	\$877,600	\$890,209	\$902,817	\$915,426	\$915,426
4. CWIP	(\$888,453)	(\$877,839)	(\$867,224)	(\$856,610)	(\$845,995)	(\$835,381)	(\$824,767)	(\$814,152)	(\$803,538)	(\$792,924)	(\$782,309)	(\$771,695)	(\$761,081)	(\$761,081)
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<u>\$5,353,453</u>	<u>\$5,336,624</u>	<u>\$5,313,601</u>	<u>\$5,290,378</u>	<u>\$5,267,155</u>	<u>\$5,243,932</u>	<u>\$5,220,709</u>	<u>\$5,197,486</u>	<u>\$5,174,263</u>	<u>\$5,151,040</u>	<u>\$5,127,817</u>	<u>\$5,104,594</u>	<u>\$5,081,371</u>	
6. Average Net Investment		\$5,345,139	\$5,325,212	\$5,301,989	\$5,278,766	\$5,255,543	\$5,232,320	\$5,209,097	\$5,185,874	\$5,162,651	\$5,139,429	\$5,116,206	\$5,092,983	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$29,955	\$29,844	\$29,714	\$29,583	\$29,453	\$29,323	\$29,193	\$29,063	\$28,933	\$28,803	\$28,672	\$28,542	\$351,078
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$6,016	\$5,994	\$5,968	\$5,942	\$5,916	\$5,889	\$5,863	\$5,837	\$5,811	\$5,785	\$5,759	\$5,733	\$70,512
8. Investment Expenses														
a. Depreciation		\$6,015	\$12,609	\$12,609	\$12,609	\$12,609	\$12,609	\$12,609	\$12,609	\$12,609	\$12,609	\$12,609	\$12,609	\$144,710
b. Amortization		\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$10,614	\$127,372
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$52,601</u>	<u>\$59,061</u>	<u>\$58,904</u>	<u>\$58,748</u>	<u>\$58,592</u>	<u>\$58,435</u>	<u>\$58,279</u>	<u>\$58,123</u>	<u>\$57,967</u>	<u>\$57,810</u>	<u>\$57,654</u>	<u>\$57,498</u>	<u>\$693,672</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020														
	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452	\$3,482,452
3b. Less: Capital Recovery Unamortized Balance	\$1,306,407	\$1,319,606	\$1,332,804	\$1,346,002	\$1,359,201	\$1,372,399	\$1,385,597	\$1,398,796	\$1,411,994	\$1,425,192	\$1,438,391	\$1,451,589	\$1,464,787	\$1,464,787
4. CWIP	(\$1,097,801)	(\$1,084,770)	(\$1,071,738)	(\$1,058,706)	(\$1,045,675)	(\$1,032,643)	(\$1,019,612)	(\$1,006,580)	(\$993,549)	(\$980,517)	(\$967,486)	(\$954,454)	(\$941,423)	(\$941,423)
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$3,273,846	\$3,247,616	\$3,221,386	\$3,195,156	\$3,168,926	\$3,142,697	\$3,116,467	\$3,090,237	\$3,064,007	\$3,037,777	\$3,011,547	\$2,985,317	\$2,959,088	\$2,959,088
6. Average Net Investment		\$3,260,731	\$3,234,501	\$3,208,271	\$3,182,041	\$3,155,811	\$3,129,582	\$3,103,352	\$3,077,122	\$3,050,892	\$3,024,662	\$2,998,432	\$2,972,203	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$18,274	\$18,127	\$17,980	\$17,833	\$17,686	\$17,539	\$17,392	\$17,245	\$17,098	\$16,951	\$16,804	\$16,657	\$209,585
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$3,670	\$3,641	\$3,611	\$3,582	\$3,552	\$3,523	\$3,493	\$3,464	\$3,434	\$3,405	\$3,375	\$3,345	\$42,094
8. Investment Expenses														
a. Depreciation		\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$13,198	\$158,380
b. Amortization		\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$13,032	\$156,378
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$48,174	\$47,997	\$47,821	\$47,644	\$47,468	\$47,291	\$47,115	\$46,938	\$46,762	\$46,585	\$46,409	\$46,232	\$566,437

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Transmission														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682	\$4,316,682
4. CWIP	\$447,406	\$454,410	\$461,413	\$468,416	\$475,420	\$482,423	\$489,426	\$496,430	\$503,433	\$510,436	\$517,440	\$524,443	\$531,446	\$531,446
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Average Net Investment	\$3,869,275	\$3,862,272	\$3,855,269	\$3,848,265	\$3,841,262	\$3,834,259	\$3,827,255	\$3,820,252	\$3,813,249	\$3,806,245	\$3,799,242	\$3,792,239	\$3,785,235	\$3,785,235
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$3,865,774	\$3,858,770	\$3,851,767	\$3,844,764	\$3,837,760	\$3,830,757	\$3,823,754	\$3,816,750	\$3,809,747	\$3,802,744	\$3,795,740	\$3,788,737	
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$21,665	\$21,625	\$21,586	\$21,547	\$21,508	\$21,468	\$21,429	\$21,390	\$21,351	\$21,311	\$21,272	\$21,233	\$257,386
8. Investment Expenses		\$4,351	\$4,343	\$4,335	\$4,328	\$4,320	\$4,312	\$4,304	\$4,296	\$4,288	\$4,280	\$4,272	\$4,265	\$51,695
a. Depreciation		\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$7,003	\$84,040
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$33,019	\$32,972	\$32,925	\$32,878	\$32,831	\$32,784	\$32,736	\$32,689	\$32,642	\$32,595	\$32,548	\$32,501	\$32,454	\$393,120

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
24 - Manatee Reburn														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719	\$31,863,719
3a. Less: Accumulated Depreciation	\$12,957,135	\$13,084,831	\$13,212,527	\$13,340,223	\$13,467,920	\$13,595,616	\$13,723,312	\$13,851,008	\$13,978,704	\$14,106,401	\$14,234,097	\$14,361,793	\$14,489,489	\$14,617,185
4. CWIP	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
5. Net Investment (Lines 2 - 3 + 4)	\$18,906,584	\$18,778,888	\$18,651,191	\$18,523,495	\$18,395,799	\$18,268,103	\$18,140,407	\$18,012,710	\$17,885,014	\$17,757,318	\$17,629,622	\$17,501,926	\$17,374,229	\$17,246,533
6. Average Net Investment		\$18,842,736	\$18,715,040	\$18,587,343	\$18,459,647	\$18,331,951	\$18,204,255	\$18,076,559	\$17,948,862	\$17,821,166	\$17,693,470	\$17,565,774	\$17,438,078	\$17,310,382
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$105,599	\$104,883	\$104,168	\$103,452	\$102,736	\$102,021	\$101,305	\$100,589	\$99,874	\$99,158	\$98,443	\$97,727	\$1,219,955
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$21,209	\$21,065	\$20,922	\$20,778	\$20,634	\$20,490	\$20,347	\$20,203	\$20,059	\$19,915	\$19,772	\$19,628	\$245,022
8. Investment Expenses														
a. Depreciation		\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$127,696	\$1,532,354
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$254,504	\$253,645	\$252,785	\$251,926	\$251,067	\$250,207	\$249,348	\$248,489	\$247,629	\$246,770	\$245,910	\$245,051	\$244,192	\$2,987,332

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
26 - UST Remove/Replacement														
General														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447	\$115,447
4. CWIP	\$52,903	\$53,047	\$53,192	\$53,336	\$53,480	\$53,625	\$53,769	\$53,913	\$54,057	\$54,202	\$54,346	\$54,490	\$54,635	\$54,635
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<u>\$62,544</u>	<u>\$62,399</u>	<u>\$62,255</u>	<u>\$62,111</u>	<u>\$61,966</u>	<u>\$61,822</u>	<u>\$61,678</u>	<u>\$61,534</u>	<u>\$61,389</u>	<u>\$61,245</u>	<u>\$61,101</u>	<u>\$60,956</u>	<u>\$60,812</u>	
6. Average Net Investment														
		\$62,472	\$62,327	\$62,183	\$62,039	\$61,894	\$61,750	\$61,606	\$61,461	\$61,317	\$61,173	\$61,028	\$60,884	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$350	\$349	\$348	\$348	\$347	\$346	\$345	\$344	\$344	\$343	\$342	\$341	\$4,148
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$70	\$70	\$70	\$70	\$70	\$70	\$69	\$69	\$69	\$69	\$69	\$69	\$833
8. Investment Expenses														
a. Depreciation		\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$144	\$1,732
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$565</u>	<u>\$564</u>	<u>\$563</u>	<u>\$562</u>	<u>\$561</u>	<u>\$560</u>	<u>\$559</u>	<u>\$558</u>	<u>\$557</u>	<u>\$556</u>	<u>\$555</u>	<u>\$554</u>	<u>\$6,713</u>

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
28 - CWA 316(b) Phase II Rule														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	\$2,805,397	
4. CWIP	\$47,795	\$54,084	\$60,373	\$66,661	\$72,950	\$79,239	\$85,528	\$91,817	\$98,105	\$104,394	\$110,683	\$116,972	\$123,260	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
6. Average Net Investment		\$2,751,313	\$2,745,025	\$2,738,736	\$2,732,447	\$2,726,158	\$2,719,870	\$2,713,581	\$2,707,292	\$2,701,003	\$2,694,715	\$2,688,426	\$2,682,137	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$2,754,458	\$2,748,169	\$2,741,880	\$2,735,592	\$2,729,303	\$2,723,014	\$2,716,725	\$2,710,436	\$2,704,148	\$2,697,859	\$2,691,570	\$2,685,281	
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$15,437	\$15,401	\$15,366	\$15,331	\$15,296	\$15,260	\$15,225	\$15,190	\$15,155	\$15,119	\$15,084	\$15,049	\$182,913
8. Investment Expenses		\$3,100	\$3,093	\$3,086	\$3,079	\$3,072	\$3,065	\$3,058	\$3,051	\$3,044	\$3,037	\$3,030	\$3,023	\$36,737
a. Depreciation		\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$6,289	\$75,465
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$24,826</u>	<u>\$24,783</u>	<u>\$24,741</u>	<u>\$24,699</u>	<u>\$24,656</u>	<u>\$24,614</u>	<u>\$24,572</u>	<u>\$24,529</u>	<u>\$24,487</u>	<u>\$24,445</u>	<u>\$24,403</u>	<u>\$24,360</u>	<u>\$295,116</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance Base														
1. Investments														
a. Expenditures/Additions		\$0	\$461,353	\$461,353	\$461,353	\$461,353	\$461,353	\$461,353	\$461,353	\$461,353	\$461,353	\$461,353	\$822,706	\$5,536,236
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	(\$268)	\$0	\$0	\$0	\$0	\$6,709,171	6,708,903
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	(\$268)	\$0	\$0	\$0	\$0	\$0	(\$268)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$358,011,955	\$358,011,955	\$358,011,955	\$358,011,955	\$358,011,955	\$358,011,955	\$358,011,955	\$358,011,686	\$358,011,686	\$358,011,686	\$358,011,686	\$358,011,686	\$364,720,857	
3a. Less: Accumulated Depreciation	\$65,988,342	\$66,781,464	\$67,574,586	\$68,367,708	\$69,160,831	\$69,953,953	\$70,747,075	\$71,539,927	\$72,333,046	\$73,126,165	\$73,919,284	\$74,712,403	\$75,512,008	
3b. Less: Capital Recovery Unamortized Balance	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	(\$43,439,531)	
4. CWIP	\$1,172,935	\$1,172,935	\$1,634,288	\$2,095,641	\$2,556,994	\$3,018,347	\$3,479,700	\$3,941,053	\$4,402,406	\$4,863,759	\$5,325,112	\$5,786,465	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$336,636,078</u>	<u>\$335,842,956</u>	<u>\$335,511,187</u>	<u>\$335,179,418</u>	<u>\$334,847,649</u>	<u>\$334,515,880</u>	<u>\$334,184,110</u>	<u>\$333,852,343</u>	<u>\$333,520,577</u>	<u>\$333,188,811</u>	<u>\$332,857,045</u>	<u>\$332,525,279</u>	<u>\$332,648,380</u>	
6. Average Net Investment		\$336,239,517	\$335,677,072	\$335,345,302	\$335,013,533	\$334,681,764	\$334,349,995	\$334,018,227	\$333,686,460	\$333,354,694	\$333,022,928	\$332,691,162	\$332,586,830	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,884,362	\$1,881,209	\$1,879,350	\$1,877,491	\$1,875,632	\$1,873,772	\$1,871,913	\$1,870,054	\$1,868,194	\$1,866,335	\$1,864,476	\$1,863,891	\$22,476,678
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$378,466	\$377,833	\$377,459	\$377,086	\$376,712	\$376,339	\$375,965	\$375,592	\$375,218	\$374,845	\$374,472	\$374,354	\$4,514,340
8. Investment Expenses														
a. Depreciation		\$793,122	\$793,122	\$793,122	\$793,122	\$793,122	\$793,122	\$793,121	\$793,119	\$793,119	\$793,119	\$793,119	\$799,605	\$9,523,934
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$3,055,949</u>	<u>\$3,052,164</u>	<u>\$3,049,931</u>	<u>\$3,047,699</u>	<u>\$3,045,466</u>	<u>\$3,043,233</u>	<u>\$3,040,999</u>	<u>\$3,038,765</u>	<u>\$3,036,532</u>	<u>\$3,034,299</u>	<u>\$3,032,066</u>	<u>\$3,037,850</u>	<u>\$36,514,953</u>	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance Distribution														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313	\$1,313
3a. Less: Accumulated Depreciation	\$426	\$429	\$432	\$435	\$438	\$440	\$443	\$446	\$449	\$452	\$454	\$457	\$460	\$460
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$886	\$884	\$881	\$878	\$875	\$872	\$869	\$867	\$864	\$861	\$858	\$855	\$853	\$853
6. Average Net Investment		\$885	\$882	\$879	\$877	\$874	\$871	\$868	\$865	\$862	\$860	\$857	\$854	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$5	\$58
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$1	\$12
8. Investment Expenses														
a. Depreciation		\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$3	\$34
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$9	\$104

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330	\$1,278,330
4. CWIP	\$208,356	\$210,792	\$213,227	\$215,663	\$218,098	\$220,533	\$222,969	\$225,404	\$227,840	\$230,275	\$232,711	\$235,146	\$237,582	\$237,582
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Average Net Investment	\$1,069,974	\$1,067,538	\$1,065,103	\$1,062,667	\$1,060,232	\$1,057,797	\$1,055,361	\$1,052,926	\$1,050,490	\$1,048,055	\$1,045,619	\$1,043,184	\$1,040,748	\$1,040,748
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,068,756	\$1,066,321	\$1,063,885	\$1,061,450	\$1,059,014	\$1,056,579	\$1,054,143	\$1,051,708	\$1,049,273	\$1,046,837	\$1,044,402	\$1,041,966	
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$5,990	\$5,976	\$5,962	\$5,949	\$5,935	\$5,921	\$5,908	\$5,894	\$5,880	\$5,867	\$5,853	\$5,839	\$70,974
8. Investment Expenses		\$1,203	\$1,200	\$1,197	\$1,195	\$1,192	\$1,189	\$1,187	\$1,184	\$1,181	\$1,178	\$1,176	\$1,173	\$14,255
a. Depreciation		\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$2,435	\$29,225
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$9,628	\$9,612	\$9,595	\$9,579	\$9,562	\$9,546	\$9,530	\$9,513	\$9,497	\$9,480	\$9,464	\$9,448	\$114,454

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251	\$55,890,251
3b. Less: Capital Recovery Unamortized Balance	(\$23,703,096)	(\$23,490,331)	(\$23,277,566)	(\$23,064,801)	(\$22,852,035)	(\$22,639,270)	(\$22,426,505)	(\$22,213,740)	(\$22,000,974)	(\$21,788,209)	(\$21,575,444)	(\$21,362,679)	(\$21,149,914)	(\$21,149,914)
4. CWIP	(\$53,967)	(\$53,325)	(\$52,682)	(\$52,040)	(\$51,397)	(\$50,755)	(\$50,112)	(\$49,470)	(\$48,827)	(\$48,185)	(\$47,542)	(\$46,900)	(\$46,257)	(\$46,257)
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	<u>\$79,647,314</u>	<u>\$79,433,906</u>	<u>\$79,220,498</u>	<u>\$79,007,091</u>	<u>\$78,793,683</u>	<u>\$78,580,275</u>	<u>\$78,366,868</u>	<u>\$78,153,460</u>	<u>\$77,940,052</u>	<u>\$77,726,645</u>	<u>\$77,513,237</u>	<u>\$77,299,829</u>	<u>\$77,086,422</u>	
6. Average Net Investment		\$79,540,610	\$79,327,202	\$79,113,795	\$78,900,387	\$78,686,979	\$78,473,572	\$78,260,164	\$78,046,756	\$77,833,349	\$77,619,941	\$77,406,533	\$77,193,125	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$445,763	\$444,567	\$443,371	\$442,175	\$440,979	\$439,783	\$438,587	\$437,391	\$436,196	\$435,000	\$433,804	\$432,608	\$5,270,226
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$89,530	\$89,289	\$89,049	\$88,809	\$88,569	\$88,329	\$88,088	\$87,848	\$87,608	\$87,368	\$87,128	\$86,887	\$1,058,501
8. Investment Expenses														
a. Depreciation		\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$212,765	\$2,553,183
b. Amortization		\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$642	\$7,710
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$748,701</u>	<u>\$747,264</u>	<u>\$745,828</u>	<u>\$744,392</u>	<u>\$742,956</u>	<u>\$741,520</u>	<u>\$740,084</u>	<u>\$738,647</u>	<u>\$737,211</u>	<u>\$735,775</u>	<u>\$734,339</u>	<u>\$732,903</u>	<u>\$8,889,619</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
33 - MATS Project														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$92,140	\$92,140	\$92,140	\$92,140	\$92,140	\$92,141	\$92,141	\$92,141	\$92,141	\$92,141	\$184,281	\$1,105,686
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,425,985	\$1,425,985
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$109,269,748	\$110,695,733	
3a. Less: Accumulated Depreciation	\$27,669,257	\$27,923,793	\$28,178,328	\$28,432,864	\$28,687,399	\$28,941,934	\$29,196,470	\$29,451,005	\$29,705,541	\$29,960,076	\$30,214,612	\$30,469,147	\$30,725,341	
3b. Less: Capital Recovery Unamortized Balance	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	(\$84,067)	
4. CWIP	\$320,299	\$320,299	\$412,439	\$504,579	\$596,719	\$688,859	\$780,999	\$873,140	\$965,281	\$1,057,422	\$1,149,563	\$1,241,704	\$0	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$82,004,856</u>	<u>\$81,750,321</u>	<u>\$81,587,925</u>	<u>\$81,425,530</u>	<u>\$81,263,134</u>	<u>\$81,100,739</u>	<u>\$80,938,343</u>	<u>\$80,775,949</u>	<u>\$80,613,554</u>	<u>\$80,451,160</u>	<u>\$80,288,765</u>	<u>\$80,126,371</u>	<u>\$80,054,459</u>	
6. Average Net Investment		\$81,877,589	\$81,669,123	\$81,506,728	\$81,344,332	\$81,181,937	\$81,019,541	\$80,857,146	\$80,694,752	\$80,532,357	\$80,369,963	\$80,207,568	\$80,090,415	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$458,860	\$457,692	\$456,782	\$455,872	\$454,962	\$454,052	\$453,142	\$452,231	\$451,321	\$450,411	\$449,501	\$448,645	\$5,443,671
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$92,160	\$91,925	\$91,743	\$91,560	\$91,377	\$91,194	\$91,011	\$90,829	\$90,646	\$90,463	\$90,280	\$90,148	\$1,093,337
8. Investment Expenses														
a. Depreciation		\$254,535	\$254,535	\$254,535	\$254,535	\$254,535	\$254,535	\$254,535	\$254,535	\$254,535	\$254,535	\$254,535	\$256,193	\$3,056,084
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$805,556</u>	<u>\$804,153</u>	<u>\$803,060</u>	<u>\$801,967</u>	<u>\$800,874</u>	<u>\$799,781</u>	<u>\$798,688</u>	<u>\$797,596</u>	<u>\$796,503</u>	<u>\$795,410</u>	<u>\$794,317</u>	<u>\$795,186</u>	<u>\$9,593,092</u>	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
34 - St Lucie Cooling Water System Inspection & Maintenance														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	\$4,449,846	
3a. Less: Accumulated Depreciation	\$4,172	\$12,515	\$20,859	\$29,202	\$37,546	\$45,889	\$54,232	\$62,576	\$70,919	\$79,263	\$87,606	\$95,950	\$104,293	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$4,445,675</u>	<u>\$4,437,331</u>	<u>\$4,428,988</u>	<u>\$4,420,644</u>	<u>\$4,412,301</u>	<u>\$4,403,957</u>	<u>\$4,395,614</u>	<u>\$4,387,270</u>	<u>\$4,378,927</u>	<u>\$4,370,584</u>	<u>\$4,362,240</u>	<u>\$4,353,897</u>	<u>\$4,345,553</u>	
6. Average Net Investment		\$4,441,503	\$4,433,159	\$4,424,816	\$4,416,473	\$4,408,129	\$4,399,786	\$4,391,442	\$4,383,099	\$4,374,755	\$4,366,412	\$4,358,068	\$4,349,725	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$24,891	\$24,844	\$24,798	\$24,751	\$24,704	\$24,657	\$24,611	\$24,564	\$24,517	\$24,470	\$24,424	\$24,377	\$295,608
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$4,999	\$4,990	\$4,980	\$4,971	\$4,962	\$4,952	\$4,943	\$4,934	\$4,924	\$4,915	\$4,905	\$4,896	\$59,372
8. Investment Expenses														
a. Depreciation		\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$8,343	\$100,122
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$38,234</u>	<u>\$38,178</u>	<u>\$38,122</u>	<u>\$38,065</u>	<u>\$38,009</u>	<u>\$37,953</u>	<u>\$37,897</u>	<u>\$37,841</u>	<u>\$37,785</u>	<u>\$37,729</u>	<u>\$37,672</u>	<u>\$37,616</u>	<u>\$455,101</u>	

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

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	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
35 - Martin Plant Drinking Water System Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	\$134,173	
3a. Less: Accumulated Depreciation	\$30,605	\$30,887	\$31,169	\$31,451	\$31,732	\$32,014	\$32,296	\$32,578	\$32,859	\$33,141	\$33,423	\$33,705	\$33,986	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$103,568	\$103,286	\$103,004	\$102,722	\$102,441	\$102,159	\$101,877	\$101,595	\$101,313	\$101,032	\$100,750	\$100,468	\$100,186	
6. Average Net Investment		\$103,427	\$103,145	\$102,863	\$102,581	\$102,300	\$102,018	\$101,736	\$101,454	\$101,173	\$100,891	\$100,609	\$100,327	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$580	\$578	\$576	\$575	\$573	\$572	\$570	\$569	\$567	\$565	\$564	\$562	\$6,851
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$116	\$116	\$116	\$115	\$115	\$115	\$115	\$114	\$114	\$114	\$113	\$113	\$1,376
8. Investment Expenses														
a. Depreciation		\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$282	\$3,381
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$978	\$976	\$974	\$972	\$970	\$968	\$966	\$965	\$963	\$961	\$959	\$957	\$11,608

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

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35 - Martin Plant Drinking Water System Compliance														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	\$101,218	
4. CWIP	\$23,088	\$23,301	\$23,513	\$23,726	\$23,938	\$24,151	\$24,364	\$24,576	\$24,789	\$25,001	\$25,214	\$25,426	\$25,639	
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Average Net Investment	\$78,130	\$77,917	\$77,705	\$77,492	\$77,280	\$77,067	\$76,855	\$76,642	\$76,429	\$76,217	\$76,004	\$75,792	\$75,579	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$78,024	\$77,811	\$77,598	\$77,386	\$77,173	\$76,961	\$76,748	\$76,536	\$76,323	\$76,111	\$75,898	\$75,685	
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$437	\$436	\$435	\$434	\$432	\$431	\$430	\$429	\$428	\$427	\$425	\$424	\$5,169
8. Investment Expenses		\$88	\$88	\$87	\$87	\$87	\$87	\$86	\$86	\$86	\$86	\$85	\$85	\$1,038
a. Depreciation		\$213	\$213	\$213	\$213	\$213	\$213	\$213	\$213	\$213	\$213	\$213	\$213	\$2,551
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$738	\$736	\$735	\$733	\$732	\$730	\$729	\$728	\$726	\$725	\$723	\$722	\$722	\$8,757

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
36 - Low-Level Radioactive Waste Storage Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	\$17,456,804	
3a. Less: Accumulated Depreciation	\$2,502,548	\$2,542,506	\$2,582,465	\$2,622,424	\$2,662,383	\$2,702,342	\$2,742,300	\$2,782,259	\$2,822,218	\$2,862,177	\$2,902,136	\$2,942,094	\$2,982,053	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$14,954,256</u>	<u>\$14,914,297</u>	<u>\$14,874,338</u>	<u>\$14,834,380</u>	<u>\$14,794,421</u>	<u>\$14,754,462</u>	<u>\$14,714,503</u>	<u>\$14,674,544</u>	<u>\$14,634,586</u>	<u>\$14,594,627</u>	<u>\$14,554,668</u>	<u>\$14,514,709</u>	<u>\$14,474,750</u>	
6. Average Net Investment		\$14,934,277	\$14,894,318	\$14,854,359	\$14,814,400	\$14,774,441	\$14,734,483	\$14,694,524	\$14,654,565	\$14,614,606	\$14,574,647	\$14,534,689	\$14,494,730	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$83,695	\$83,471	\$83,247	\$83,023	\$82,799	\$82,575	\$82,351	\$82,127	\$81,904	\$81,680	\$81,456	\$81,232	\$989,560
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$16,810	\$16,765	\$16,720	\$16,675	\$16,630	\$16,585	\$16,540	\$16,495	\$16,450	\$16,405	\$16,360	\$16,315	\$198,749
8. Investment Expenses														
a. Depreciation		\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$39,959	\$479,506
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$140,464</u>	<u>\$140,195</u>	<u>\$139,926</u>	<u>\$139,657</u>	<u>\$139,388</u>	<u>\$139,119</u>	<u>\$138,850</u>	<u>\$138,581</u>	<u>\$138,312</u>	<u>\$138,043</u>	<u>\$137,774</u>	<u>\$137,506</u>	<u>\$137,237</u>	<u>\$1,667,815</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
37 - DeSoto Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		\$0		\$436,730	\$436,730	\$457,282	\$488,110	\$0	\$0	\$0	\$0	\$102,760	\$0	\$1,921,612
b. Clearings to Plant		(\$1,886)	(\$1,454)	\$6,672	(\$32,614)	(\$5,129)	(\$5,547)	(\$17,386)	(\$11,560)	\$0	(\$7,747)	\$0	\$1,931,700	\$1,855,048
c. Retirements		(\$1,886)	(\$1,454)	\$0	(\$32,614)	(\$5,129)	(\$5,547)	(\$17,386)	(\$11,560)	\$0	(\$7,747)	\$0	\$0	(\$83,324)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$153,547,561	\$153,545,675	\$153,544,221	\$153,550,893	\$153,518,279	\$153,513,150	\$153,507,603	\$153,490,217	\$153,478,656	\$153,478,656	\$153,470,909	\$153,470,909	\$155,402,609	
3a. Less: Accumulated Depreciation	\$52,081,714	\$52,525,333	\$52,969,336	\$53,414,829	\$53,827,570	\$54,267,530	\$54,706,968	\$55,134,390	\$55,567,395	\$56,011,865	\$56,448,523	\$56,892,863	\$57,339,860	
4. CWIP	\$16,760	\$16,760	\$16,760	\$446,819	\$883,549	\$1,340,831	\$1,828,941	\$1,828,941	\$1,828,941	\$1,828,941	\$1,828,941	\$1,931,701	\$1	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$101,482,607</u>	<u>\$101,037,103</u>	<u>\$100,591,645</u>	<u>\$100,582,882</u>	<u>\$100,574,257</u>	<u>\$100,586,450</u>	<u>\$100,629,575</u>	<u>\$100,184,767</u>	<u>\$99,740,202</u>	<u>\$99,295,732</u>	<u>\$98,851,327</u>	<u>\$98,509,746</u>	<u>\$98,062,750</u>	
6. Average Net Investment		\$101,259,855	\$100,814,374	\$100,587,263	\$100,578,569	\$100,580,353	\$100,608,012	\$100,407,171	\$99,962,484	\$99,517,967	\$99,073,529	\$98,680,537	\$98,286,248	
a. Average ITC Balance		\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	\$29,112,851	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$618,939	\$616,442	\$615,169	\$615,121	\$615,131	\$615,286	\$614,160	\$611,668	\$609,177	\$606,686	\$604,484	\$602,274	\$7,344,537
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$121,505	\$121,003	\$120,747	\$120,738	\$120,740	\$120,771	\$120,545	\$120,044	\$119,544	\$119,044	\$118,601	\$118,157	\$1,441,438
8. Investment Expenses														
a. Depreciation		\$433,317	\$433,271	\$433,306	\$433,168	\$432,902	\$432,798	\$432,620	\$432,379	\$432,283	\$432,218	\$432,153	\$434,810	\$5,195,225
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$12,187	\$146,244
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$160,395)	(\$1,924,740)
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$1,025,553</u>	<u>\$1,022,508</u>	<u>\$1,021,015</u>	<u>\$1,020,818</u>	<u>\$1,020,565</u>	<u>\$1,020,647</u>	<u>\$1,019,117</u>	<u>\$1,015,883</u>	<u>\$1,012,795</u>	<u>\$1,009,740</u>	<u>\$1,007,030</u>	<u>\$1,007,033</u>	<u>\$12,202,704</u>	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

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	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
38 - Space Coast Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$205,520	\$205,520	\$220,934	\$205,520	\$3,597	\$0	\$0	\$51,380	\$102,760	\$0	\$995,231
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$15,414	(\$8,680)	(\$11,560)	(\$14,962)	\$0	\$0	\$979,817	\$960,029
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	(\$8,680)	(\$11,560)	(\$14,962)	\$0	\$0	\$0	(\$35,202)
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,591,411	\$70,606,825	\$70,598,145	\$70,586,585	\$70,571,623	\$70,571,623	\$70,571,623	\$71,551,440	
3a. Less: Accumulated Depreciation	\$23,056,151	\$23,256,034	\$23,455,917	\$23,655,801	\$23,855,684	\$24,055,567	\$24,255,473	\$24,446,649	\$24,634,777	\$24,819,281	\$25,018,623	\$25,217,964	\$25,418,739	
4. CWIP	\$0	\$0	\$0	\$205,520	\$411,040	\$631,974	\$822,080	\$825,677	\$825,677	\$825,677	\$877,057	\$979,817	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$47,535,261	\$47,335,377	\$47,135,494	\$47,141,131	\$47,146,767	\$47,167,818	\$47,173,432	\$46,977,173	\$46,777,485	\$46,578,019	\$46,430,057	\$46,333,475	\$46,132,701	
6. Average Net Investment		\$47,435,319	\$47,235,436	\$47,138,312	\$47,143,949	\$47,157,293	\$47,170,625	\$47,075,302	\$46,877,329	\$46,677,752	\$46,504,038	\$46,381,766	\$46,233,088	
a. Average ITC Balance		\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	\$12,489,984	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$287,914	\$286,794	\$286,249	\$286,281	\$286,356	\$286,430	\$285,896	\$284,787	\$283,668	\$282,695	\$282,009	\$281,176	\$3,420,254
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$56,622	\$56,397	\$56,288	\$56,294	\$56,309	\$56,324	\$56,217	\$55,994	\$55,769	\$55,574	\$55,436	\$55,269	\$672,494
8. Investment Expenses														
a. Depreciation		\$195,491	\$195,491	\$195,491	\$195,491	\$195,491	\$195,514	\$195,464	\$195,295	\$195,074	\$194,950	\$194,950	\$196,383	\$2,345,087
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$4,392	\$52,704
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$67,263)	(\$807,156)
9. Total System Recoverable Costs (Lines 7 & 8)	\$477,156	\$475,811	\$475,157	\$475,195	\$475,285	\$475,397	\$474,706	\$473,205	\$471,641	\$470,347	\$469,524	\$469,957	\$5,683,383	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

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	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
39 - Martin Next Generation Solar Energy Center														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$171,267	\$182,744	\$170,753	\$170,753	\$464,859	\$170,753	\$170,753	\$170,753	\$170,753	\$170,753	\$170,753	\$170,754	\$2,355,648
b. Clearings to Plant		\$1,001,851	\$182,744	\$170,753	\$170,753	\$464,859	\$170,753	\$170,753	\$170,753	\$170,753	\$170,753	\$170,753	\$170,754	\$3,186,232
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$427,815,108	\$428,816,959	\$428,999,703	\$429,170,456	\$429,341,209	\$429,806,068	\$429,976,821	\$430,147,574	\$430,318,327	\$430,489,080	\$430,659,833	\$430,830,586	\$431,001,340	
4. CWIP	\$114,397,769	\$115,478,790	\$116,561,233	\$117,644,100	\$118,727,376	\$119,811,416	\$120,896,218	\$121,981,430	\$123,067,052	\$124,153,084	\$125,239,525	\$126,326,376	\$127,413,637	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$830,584</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
6. Average Net Investment	<u>\$314,247,923</u>	<u>\$313,338,169</u>	<u>\$312,438,470</u>	<u>\$311,526,356</u>	<u>\$310,613,832</u>	<u>\$309,994,652</u>	<u>\$309,080,602</u>	<u>\$308,166,143</u>	<u>\$307,251,275</u>	<u>\$306,335,996</u>	<u>\$305,420,308</u>	<u>\$304,504,209</u>	<u>\$303,587,702</u>	
a. Average ITC Balance		\$313,793,046	\$312,888,319	\$311,982,413	\$311,070,094	\$310,304,242	\$309,537,627	\$308,623,373	\$307,708,709	\$306,793,635	\$305,878,152	\$304,962,258	\$304,045,956	
7. Return on Average Net Investment		\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	\$86,564,999	
a. Equity Component grossed up for taxes (c)(h)		\$1,911,567	\$1,906,497	\$1,901,420	\$1,896,307	\$1,892,015	\$1,887,719	\$1,882,595	\$1,877,469	\$1,872,341	\$1,867,210	\$1,862,077	\$1,856,942	\$22,614,158
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$375,584	\$374,566	\$373,546	\$372,520	\$371,658	\$370,795	\$369,766	\$368,736	\$367,706	\$366,676	\$365,645	\$364,613	\$4,441,810
8. Investment Expenses														
a. Depreciation		\$1,031,466	\$1,032,888	\$1,033,312	\$1,033,722	\$1,034,484	\$1,035,247	\$1,035,657	\$1,036,067	\$1,036,477	\$1,036,886	\$1,037,296	\$1,037,706	\$12,421,209
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$49,555	\$594,660
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$451,751)	(\$5,421,012)
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$2,916,422</u>	<u>\$2,911,755</u>	<u>\$2,906,082</u>	<u>\$2,900,352</u>	<u>\$2,895,961</u>	<u>\$2,891,565</u>	<u>\$2,885,822</u>	<u>\$2,880,076</u>	<u>\$2,874,327</u>	<u>\$2,868,576</u>	<u>\$2,862,822</u>	<u>\$2,857,065</u>	<u>\$2,851,314</u>	<u>\$34,650,825</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System Distribution														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	\$1,380,583	
3a. Less: Accumulated Depreciation	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	\$1,152,879	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705
6. Average Net Investment		\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	\$227,705	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$1,276	\$15,313
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$256	\$256	\$256	\$256	\$256	\$256	\$256	\$256	\$256	\$256	\$256	\$256	\$3,076
8. Investment Expenses														
a. Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$1,532	\$18,389

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900	\$17,161,900
4. CWIP	\$4,292,723	\$4,481,956	\$4,671,188	\$4,860,421	\$5,049,654	\$5,238,887	\$5,428,120	\$5,617,353	\$5,806,585	\$5,995,818	\$6,185,051	\$6,374,284	\$6,563,517	\$6,563,517
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Average Net Investment	\$12,869,177	\$12,679,945	\$12,490,712	\$12,301,479	\$12,112,246	\$11,923,013	\$11,733,780	\$11,544,548	\$11,355,315	\$11,166,082	\$10,976,849	\$10,787,616	\$10,598,383	\$10,598,383
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)	\$12,774,561	\$12,585,328	\$12,396,095	\$12,206,863	\$12,017,630	\$11,828,397	\$11,639,164	\$11,449,931	\$11,260,698	\$11,071,466	\$10,882,233	\$10,693,000		
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)														
8. Investment Expenses														
a. Depreciation		\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$189,233	\$2,270,794
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$275,203	\$273,930	\$272,656	\$271,383	\$270,109	\$268,836	\$267,562	\$266,289	\$265,015	\$263,742	\$262,468	\$261,195	\$3,218,387	

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System														
Transmission														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	
3a. Less: Accumulated Depreciation	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	\$276,404	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
8. Investment Expenses														
a. Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
42 - Turkey Point Cooling Canal Monitoring Plant Base														
1. Investments														
a. Expenditures/Additions		\$0	\$11,230	\$29,946	\$29,963	\$28,545	\$18,716	\$0	\$0	\$0	\$0	\$0	\$0	\$118,400
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$10,458,695	\$118,400	\$0	\$0	\$0	\$0	\$0	\$10,577,095
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$51,886,845	\$51,886,845	\$51,886,845	\$51,886,845	\$51,886,845	\$51,886,845	\$62,345,540	\$62,463,940	\$62,463,940	\$62,463,940	\$62,463,940	\$62,463,940	\$62,463,940	
3a. Less: Accumulated Depreciation	\$3,336,852	\$3,472,272	\$3,607,692	\$3,743,112	\$3,878,532	\$4,013,952	\$4,159,525	\$4,315,407	\$4,471,443	\$4,627,479	\$4,783,515	\$4,939,551	\$5,095,587	
4. CWIP	\$10,458,695	\$10,458,695	\$10,469,925	\$10,499,870	\$10,529,834	\$10,558,378	\$118,400	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
5. Net Investment (Lines 2 - 3 + 4)	\$59,008,688	\$58,873,268	\$58,749,078	\$58,643,604	\$58,538,147	\$58,431,272	\$58,304,415	\$58,148,533	\$57,992,497	\$57,836,461	\$57,680,425	\$57,524,389	\$57,368,352	
6. Average Net Investment		\$58,940,978	\$58,811,173	\$58,696,341	\$58,590,876	\$58,484,709	\$58,367,843	\$58,226,474	\$58,070,515	\$57,914,479	\$57,758,443	\$57,602,407	\$57,446,371	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$330,318	\$329,591	\$328,947	\$328,356	\$327,761	\$327,106	\$326,314	\$325,440	\$324,566	\$323,691	\$322,817	\$321,942	\$3,916,852
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$66,343	\$66,197	\$66,068	\$65,949	\$65,829	\$65,698	\$65,539	\$65,363	\$65,188	\$65,012	\$64,836	\$64,661	\$786,682
8. Investment Expenses														
a. Depreciation		\$135,420	\$135,420	\$135,420	\$135,420	\$135,420	\$145,574	\$155,882	\$156,036	\$156,036	\$156,036	\$156,036	\$156,036	\$1,758,736
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	\$532,081	\$531,208	\$530,435	\$529,725	\$529,011	\$528,378	\$527,735	\$527,039	\$526,339	\$525,789	\$525,239	\$524,689	\$524,139	\$6,462,269

- (a) Applicable to reserve salvage and removal cost.
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
44 - Martin Plant Barley Barber Swamp Iron Mitigation														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890	\$93,890
4. CWIP	\$17,993	\$18,190	\$18,388	\$18,585	\$18,782	\$18,979	\$19,176	\$19,373	\$19,571	\$19,768	\$19,965	\$20,162	\$20,359	\$20,556
5. Net Investment (Lines 2 - 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6. Average Net Investment	\$75,896	\$75,699	\$75,502	\$75,305	\$75,108	\$74,910	\$74,713	\$74,516	\$74,319	\$74,122	\$73,925	\$73,727	\$73,530	\$73,333
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$75,798	\$75,601	\$75,403	\$75,206	\$75,009	\$74,812	\$74,615	\$74,417	\$74,220	\$74,023	\$73,826	\$73,629	\$73,432
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$425	\$424	\$423	\$421	\$420	\$419	\$418	\$417	\$416	\$415	\$414	\$413	\$412
8. Investment Expenses		\$85	\$85	\$85	\$85	\$84	\$84	\$84	\$84	\$84	\$83	\$83	\$83	\$83
a. Depreciation		\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197	\$197
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$707	\$706	\$705	\$703	\$702	\$701	\$699	\$698	\$697	\$695	\$694	\$693	\$692

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
44 - Martin Plant Barley Barber Swamp Iron Mitigation														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)														
	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829	\$70,829
3a. Less: Accumulated Depreciation	\$13,574	\$13,723	\$13,871	\$14,020	\$14,169	\$14,318	\$14,466	\$14,615	\$14,764	\$14,913	\$15,061	\$15,210	\$15,359	\$15,508
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	<u>\$57,255</u>	<u>\$57,106</u>	<u>\$56,958</u>	<u>\$56,809</u>	<u>\$56,660</u>	<u>\$56,511</u>	<u>\$56,363</u>	<u>\$56,214</u>	<u>\$56,065</u>	<u>\$55,916</u>	<u>\$55,768</u>	<u>\$55,619</u>	<u>\$55,470</u>	
6. Average Net Investment														
		\$57,181	\$57,032	\$56,883	\$56,735	\$56,586	\$56,437	\$56,288	\$56,140	\$55,991	\$55,842	\$55,693	\$55,545	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$320	\$320	\$319	\$318	\$317	\$316	\$315	\$315	\$314	\$313	\$312	\$311	\$3,790
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$64	\$64	\$64	\$64	\$64	\$64	\$63	\$63	\$63	\$63	\$63	\$63	\$761
8. Investment Expenses														
a. Depreciation		\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$149	\$1,785
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		<u>\$534</u>	<u>\$533</u>	<u>\$532</u>	<u>\$531</u>	<u>\$530</u>	<u>\$529</u>	<u>\$528</u>	<u>\$527</u>	<u>\$526</u>	<u>\$525</u>	<u>\$524</u>	<u>\$523</u>	<u>\$6,337</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
45 - 800 MW Unit ESP														
Intermediate														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	\$63,759	
3a. Less: Accumulated Depreciation	\$16,482	\$16,887	\$17,292	\$17,697	\$18,102	\$18,506	\$18,911	\$19,316	\$19,721	\$20,126	\$20,531	\$20,936	\$21,341	
4. CWIP	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
5. Net Investment (Lines 2 - 3 + 4)	\$47,276	\$46,872	\$46,467	\$46,062	\$45,657	\$45,252	\$44,847	\$44,442	\$44,037	\$43,633	\$43,228	\$42,823	\$42,418	
6. Average Net Investment		\$47,074	\$46,669	\$46,264	\$45,859	\$45,454	\$45,050	\$44,645	\$44,240	\$43,835	\$43,430	\$43,025	\$42,620	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$264	\$262	\$259	\$257	\$255	\$252	\$250	\$248	\$246	\$243	\$241	\$239	\$3,016
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$53	\$53	\$52	\$52	\$51	\$51	\$50	\$50	\$49	\$49	\$48	\$48	\$606
8. Investment Expenses														
a. Depreciation		\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$405	\$4,858
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$722	\$719	\$716	\$713	\$711	\$708	\$705	\$703	\$700	\$697	\$694	\$692	\$8,480

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. - Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. - Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. - Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. - Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
45 - 800 MW Unit ESP														
Peaking														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	\$107,950,983	
3a. Less: Accumulated Depreciation	(\$65,627,054)	(\$65,197,512)	(\$64,767,970)	(\$64,338,427)	(\$63,908,885)	(\$63,479,342)	(\$63,049,800)	(\$62,620,257)	(\$62,190,715)	(\$61,761,173)	(\$61,331,630)	(\$60,902,088)	(\$60,472,545)	
4. CWIP	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	(\$378)	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$173,577,659</u>	<u>\$173,148,117</u>	<u>\$172,718,575</u>	<u>\$172,289,032</u>	<u>\$171,859,490</u>	<u>\$171,429,947</u>	<u>\$171,000,405</u>	<u>\$170,570,862</u>	<u>\$170,141,320</u>	<u>\$169,711,778</u>	<u>\$169,282,235</u>	<u>\$168,852,693</u>	<u>\$168,423,150</u>	
6. Average Net Investment		\$173,362,888	\$172,933,346	\$172,503,803	\$172,074,261	\$171,644,719	\$171,215,176	\$170,785,634	\$170,356,091	\$169,926,549	\$169,497,006	\$169,067,464	\$168,637,921	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$971,564	\$969,157	\$966,750	\$964,343	\$961,935	\$959,528	\$957,121	\$954,714	\$952,306	\$949,899	\$947,492	\$945,085	\$11,499,895
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$195,134	\$194,651	\$194,167	\$193,684	\$193,200	\$192,717	\$192,233	\$191,750	\$191,266	\$190,783	\$190,300	\$189,816	\$2,309,702
8. Investment Expenses														
a. Depreciation		\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$429,542	\$5,154,509
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$1,596,241</u>	<u>\$1,593,351</u>	<u>\$1,590,460</u>	<u>\$1,587,569</u>	<u>\$1,584,678</u>	<u>\$1,581,788</u>	<u>\$1,581,788</u>	<u>\$1,578,897</u>	<u>\$1,576,006</u>	<u>\$1,573,115</u>	<u>\$1,570,225</u>	<u>\$1,567,334</u>	<u>\$1,564,443</u>	<u>\$18,964,106</u>

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
47 - NPDES Permit Renewal Requirements														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$0	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$800,000
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	
3a. Less: Accumulated Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750	
4. CWIP		\$0	\$0	\$80,000	\$160,000	\$240,000	\$320,000	\$400,000	\$480,000	\$560,000	\$640,000	\$720,000	\$0	
5. Net Investment (Lines 2 - 3 + 4)		\$0	\$0	\$80,000	\$160,000	\$240,000	\$320,000	\$400,000	\$480,000	\$560,000	\$640,000	\$720,000	\$799,250	
6. Average Net Investment		\$0	\$0	\$40,000	\$120,000	\$200,000	\$280,000	\$360,000	\$440,000	\$520,000	\$600,000	\$680,000	\$759,625	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$0	\$0	\$224	\$673	\$1,121	\$1,569	\$2,018	\$2,466	\$2,914	\$3,363	\$3,811	\$4,257	\$22,415
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$0	\$0	\$45	\$135	\$225	\$315	\$405	\$495	\$585	\$675	\$765	\$855	\$4,502
8. Investment Expenses														
a. Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$750	\$750
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$0	\$0	\$269	\$808	\$1,346	\$1,884	\$2,423	\$2,961	\$3,499	\$4,038	\$4,576	\$5,862	\$27,667

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-4P

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
50 - Steam Electric Effluent Guidelines Revised Rules Base														
1. Investments														
a. Expenditures/Additions		\$0	\$227,883	\$227,883	\$227,883	\$227,883	\$227,883	\$227,883	\$227,883	\$227,883	\$227,883	\$227,882	\$455,765	\$2,734,594
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,315,039	\$3,315,039
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,315,039	
3a. Less: Accumulated Depreciation	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,854	
4. CWIP	\$580,445	\$580,445	\$808,328	\$1,036,211	\$1,264,094	\$1,491,977	\$1,719,860	\$1,947,743	\$2,175,626	\$2,403,509	\$2,631,392	\$2,859,274	\$0	
5. Net Investment (Lines 2 - 3 + 4)	\$580,445	\$580,445	\$808,328	\$1,036,211	\$1,264,094	\$1,491,977	\$1,719,860	\$1,947,743	\$2,175,626	\$2,403,509	\$2,631,392	\$2,859,274	\$3,311,185	
6. Average Net Investment		\$580,445	\$694,387	\$922,270	\$1,150,153	\$1,378,036	\$1,605,919	\$1,833,802	\$2,061,685	\$2,289,568	\$2,517,451	\$2,745,333	\$3,085,230	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$3,253	\$3,891	\$5,169	\$6,446	\$7,723	\$9,000	\$10,277	\$11,554	\$12,831	\$14,108	\$15,385	\$17,290	\$116,928
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$653	\$782	\$1,038	\$1,295	\$1,551	\$1,808	\$2,064	\$2,321	\$2,577	\$2,834	\$3,090	\$3,473	\$23,484
8. Investment Expenses														
a. Depreciation		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,854	\$3,854
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)		\$3,906	\$4,673	\$6,207	\$7,740	\$9,274	\$10,808	\$12,341	\$13,875	\$15,408	\$16,942	\$18,476	\$24,617	\$144,266

- (a) Applicable to reserve salvage and removal cost.
- (b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.
- (c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.
- (d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.
- (e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.
- (f) Applicable amortization period(s). See Form 42-4P, pages 60-62.
- (g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
- (h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
54 - Coal Combustion Residuals														
Base														
1. Investments														
a. Expenditures/Additions		\$0	\$673,111	\$673,111	\$673,111	\$673,111	\$673,111	\$673,111	\$673,111	\$673,111	\$673,111	\$673,110	\$1,346,221	\$8,077,330
b. Clearings to Plant		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,762,750	\$48,762,750
c. Retirements		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Other (a)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
2. Plant-In-Service/Depreciation Base (b)	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$55,235,861	\$103,998,611	
3a. Less: Accumulated Depreciation	\$1,883,966	\$2,012,177	\$2,140,388	\$2,268,599	\$2,396,810	\$2,525,021	\$2,653,232	\$2,781,442	\$2,909,653	\$3,037,864	\$3,166,075	\$3,294,286	\$3,475,461	
3b. Less: Capital Recovery Unamortized Balance	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	(\$55,250)	
4. CWIP	\$40,685,420	\$40,685,420	\$41,358,531	\$42,031,642	\$42,704,753	\$43,377,864	\$44,050,975	\$44,724,086	\$45,397,197	\$46,070,308	\$46,743,419	\$47,416,529	(\$0)	
5. Net Investment (Lines 2 - 3 + 4)	<u>\$94,092,565</u>	<u>\$93,964,354</u>	<u>\$94,509,254</u>	<u>\$95,054,154</u>	<u>\$95,599,055</u>	<u>\$96,143,955</u>	<u>\$96,688,855</u>	<u>\$97,233,755</u>	<u>\$97,778,655</u>	<u>\$98,323,555</u>	<u>\$98,868,455</u>	<u>\$99,413,355</u>	<u>\$100,578,401</u>	
6. Average Net Investment		\$94,028,460	\$94,236,804	\$94,781,704	\$95,326,604	\$95,871,505	\$96,416,405	\$96,961,305	\$97,506,205	\$98,051,105	\$98,596,005	\$99,140,905	\$99,995,878	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		\$526,957	\$528,124	\$531,178	\$534,232	\$537,285	\$540,339	\$543,393	\$546,447	\$549,500	\$552,554	\$555,608	\$560,399	\$6,506,016
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		\$105,837	\$106,071	\$106,685	\$107,298	\$107,911	\$108,525	\$109,138	\$109,751	\$110,365	\$110,978	\$111,591	\$112,554	\$1,306,704
8. Investment Expenses														
a. Depreciation		\$128,211	\$128,211	\$128,211	\$128,211	\$128,211	\$128,211	\$128,211	\$128,211	\$128,211	\$128,211	\$128,211	\$181,175	\$1,591,494
b. Amortization		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c. Dismantlement (g)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d. Property Expenses		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
e. Other		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9. Total System Recoverable Costs (Lines 7 & 8)	<u>\$761,004</u>	<u>\$762,406</u>	<u>\$766,073</u>	<u>\$769,741</u>	<u>\$773,408</u>	<u>\$777,075</u>	<u>\$780,742</u>	<u>\$784,409</u>	<u>\$788,076</u>	<u>\$791,743</u>	<u>\$795,410</u>	<u>\$854,128</u>	<u>\$9,404,214</u>	

(a) Applicable to reserve salvage and removal cost.

(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-4P, pages 60-62.

(c) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(d) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(e) Applicable depreciation rate or rates. See Form 42-4P, pages 60-62.

(f) Applicable amortization period(s). See Form 42-4P, pages 60-62.

(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).

(h) For solar projects the return on investment calculation is comprised of two parts:

Return on the Average Net Investment: See footnotes (b) and (c).

Return on the Average Unamortized ITC Balance:

Equity Component: Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Dec. 2020 period is 6.604% based on the May 2019 Earnings Surveillance Report reflects a 10.55% return on equity.

Debt Component: the Debt Component for the Jan. – Dec. 2020 period is 1.661% based on the May 2019 Earnings Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

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JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Estimated	February Estimated	March Estimated	April Estimated	May Estimated	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Total
Amortization of Gains on Sales of Emissions Allowances Base														
1 Working Capital Dr (Cr)														
a 158.100 Allowance Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b 158.200 Allowances Withheld	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
c 182.300 Other Regulatory Assets-Losses	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
d 254.900 Other Regulatory Liabilities-Gains	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)
2 Total Working Capital	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)
3 Average Net Working Capital Balance		(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)	(\$275)
4 Return on Average Net Working Capital Balance														
a Equity Component grossed up for taxes (A)		(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)
b Debt Component (Line 6 x 1.6698% x 1/12)		(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
5 Total Return Component		(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$2)	(\$22)
6 Expense Dr (Cr)														
a 411.800 Gains from Dispositions of Allowances		(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$88)
b 411.900 Losses from Dispositions of Allowances														
c 509.000 Allowance Expense														
7 Net Expense (Lines 6a+6b+6c)		(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$7)	(\$88)
8 Total System Recoverable Expenses (Lines 5+7)		(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$9)	(\$110)

(a) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Dec. 2020 period is 5.0206% based on the May 2019 Earnings Surveillance Report and reflects a 10.55% return on equity.

(b) The Debt Component for the Jan. – Dec. 2019 period is 1.3507 based on the May 2019 Earnings Surveillance Report.

(c) Line 5 is reported on Capital Schedule 3P-1.

(d) Line 7 is reported on O&M Schedule 2P-1.

ECRC Projects
2018-2019 Depreciation Schedule

FORM 42-4P

Project	Class ID	Plant	Unit	Utility	Depr. Rate / Amort. Period	Balance as of Dec-19	Balance as of Dec-20
002-LOW NOX BURNER TECHNOLOGY	02 - Steam Generation Plant	Turkey Pt	Turkey Pt U1	31200	CRS	-	-
002-LOW NOX BURNER TECHNOLOGY Total						-	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	65,605	65,605
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U1	31100	7.62%	56,430	56,430
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	424,505	424,505
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U2	31100	1.83%	56,333	56,333
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	468,728	468,728
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	515,653	515,653
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Lauderdale	FTLauderdale GTs	34300	8.25%	10,225	10,225
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FTMyers U2	34300	3.46%	365,000	442,070
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FTMyers U3	34300	4.54%	71,939	71,939
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FTMyers U3 SC Peaker	34100	3.38%	6,098	6,098
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FTMyers U3 SC Peaker	34300	3.04%	69,082	69,082
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Manatee	Manatee U3	34300	3.35%	87,691	87,691
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U3	34300	4.49%	624,755	624,755
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U4	34300	3.92%	607,322	607,322
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U8	34300	3.37%	13,693	13,693
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford	Sanford U4	34300	4.00%	310,021	310,021
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford	Sanford U5	34300	4.12%	273,035	273,035
003-CONTINUOUS EMISSION MONITORING Total						4,026,117	4,103,187
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	3,111,263	3,111,263
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	174,543	174,543
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	104,845	104,845
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	127,429	127,429
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	133,572	133,572
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin	Martin Comm U1&2	31100	2.52%	65,093	65,093
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Lauderdale	FTLauderdale Comm	34200	3.09%	898,111	898,111
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Lauderdale	FTLauderdale GTs	34200	4.73%	584,290	584,290
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Myers	FTMyers GTs	34200	7.84%	133,479	133,479
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Myers	FTMyers U3 SC Peaker	34200	3.58%	18,616	18,616
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Martin	Martin Comm U3&4	34200	2.42%	455,941	455,941
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	08 - General Plant	General Plant	General Plant	39000	1.50%	7,313,323	7,313,323
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS Total						13,120,506	13,120,506
007-RELOCATE TURBINE LUBE OIL PIPING	03 - Nuclear Generation Plant	St Lucie	StLucie U1	32300	5.11%	31,030	31,030
007-RELOCATE TURBINE LUBE OIL PIPING Total						31,030	31,030
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	1,358,322	1,358,322
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31670	7-Year		
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin	Martin Comm	31650	5-Year	256,542	293,172
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin	Martin Comm	31670	7-Year	298,813	253,877
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Ft Lauderdale	FTLauderdale Comm	34100	2.20%	358,636	816,356
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Sanford	Sanford Comm	34100	2.40%	15,922	15,922
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	20,503	20,503
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36670	2.00%	2,995	2,995
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	08 - General Plant	General Plant	General Plant	39000	1.50%	4,413	4,413
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT Total						2,316,146	2,765,560
010-REROUTE STORMWATER RUNOFF	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	117,794	117,794
010-REROUTE STORMWATER RUNOFF Total						117,794	117,794
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31100	1.51%	524,873	524,873
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31200	2.23%	328,762	328,762
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31400	2.07%	689	689
012-SCHERER DISCHARGE PIPELINE Total						854,324	854,324
016-ST.LUCIE TURTLE NETS	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	6,909,559	6,909,559
016-ST.LUCIE TURTLE NETS Total						6,909,559	6,909,559
020-WASTEWATER/STORMWATER DISCH ELIMINATION Total						-	-
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	601,217	601,217
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	2,271,574	2,271,574
022-PIPELINE INTEGRITY MANAGEMENT Total						2,872,791	2,872,791
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	1,243,306	1,243,306	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	33,272	33,272	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 02 - Steam Generation Plant	Manatee	Manatee Comm	31500	2.34%	26,325	26,325	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	45,750	45,750	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	37,431	37,431	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	37,158	37,158	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 02 - Steam Generation Plant	Martin	Martin Comm U1&2	31200	4.45%	403,520	403,520	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 03 - Nuclear Generation Plant	St Lucie	StLucie U1	32300	5.11%	712,225	712,225	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 03 - Nuclear Generation Plant	St Lucie	StLucie U1	32400	3.20%	745,335	745,335	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 03 - Nuclear Generation Plant	St Lucie	StLucie U2	32300	3.86%	552,390	552,390	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	990,124	990,124	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32570	7-Year	245,362	245,362	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Lauderdale	FTLauderdale Comm	34100	2.20%	189,219	189,219	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Lauderdale	FTLauderdale Comm	34200	3.09%	1,480,169	1,480,169	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Lauderdale	FTLauderdale Comm	34300	5.20%	28,250	28,250	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Lauderdale	FTLauderdale GTs	34200	4.73%	513,250	513,250	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Myers	FTMyers GTs	34100	7.40%	98,715	98,715	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Myers	FTMyers GTs	34200	7.84%	629,983	629,983	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Myers	FTMyers GTs	34500	7.77%	12,430	12,430	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Myers	FTMyers U2	34300	3.46%	301,927	301,927	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Ft Myers	FTMyers U3 SC Peaker	34500	3.40%	12,430	12,430	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Martin	Martin Comm U3&4	34100	2.24%	523,498	523,498	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Martin	Martin U8	34200	2.70%	84,868	84,868	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Pt Everglades	PTEverglades Comm	34200	2.90%	2,728,283	2,728,283	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 05 - Other Generation Plant	Sanford	Sanford Comm	34100	2.40%	288,383	288,383	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 06 - Transmission Plant - Electric	Radial-Retail	Radial-Retail	35200	1.70%	6,946	6,946	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35200	1.70%	1,142,640	1,142,640	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	3,101,440	3,101,440	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35800	1.87%	65,655	65,655	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	3,382,583	3,382,583	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36670	2.00%	70,499	70,499	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 08 - General Plant	General Plant	General Plant	39000	1.50%	146,691	146,691	
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURE: 08 - General Plant						19,880,059	19,880,059

ECRC Projects
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Project	Class ID	Plant	Unit	Utility	Depr. Rate / Amort. Period	Balance as of Dec-19	Balance as of Dec-20
024-GAS REBURN	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	16,470,024	16,470,024
024-GAS REBURN	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	15,393,694	15,393,694
024-GAS REBURN Total						31,863,719	31,863,719
025-PPE ESP TECHNOLOGY Total						-	-
026-UST REPLACEMENT/REMOVAL	08 - General Plant	General Plant	General Plant	39000	1.50%	115,447	115,447
026-UST REPLACEMENT/REMOVAL Total						115,447	115,447
028-CWA 316B PHASE II RULE	05 - Other Generation Plant	Cape Canaveral	CapeCana Comm CC	34100	2.69%	771,310	771,310
028-CWA 316B PHASE II RULE	05 - Other Generation Plant	Cape Canaveral	CapeCanaveral Comm	34100	2.69%	2,034,087	2,034,087
028-CWA 316B PHASE II RULE Total						2,805,397	2,805,397
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	102,052	102,052
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	20,059,060	20,059,060
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U1	31400	4.03%	7,240,124	7,240,124
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	20,457,354	20,457,354
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U2	31400	3.72%	7,905,907	7,905,907
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%	1,247,979	1,247,979
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31100	2.30%	82,366,984	82,366,984
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	254,475,936	261,185,107
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31400	1.89%	(94,224)	(94,224)
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31500	2.49%	19,615,426	19,615,426
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31600	1.88%	399,586	399,586
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31670	7-Year	268	0
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34300	8.25%	110,242	110,242
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34300	8.22%	57,855	57,855
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34100	2.24%	699,143	699,143
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34300	2.56%	244,343	244,343
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34500	2.04%	292,499	292,499
031-CLEAN AIR INTERSTATE RULE-CAIR	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36500	2.57%	1,313	1,313
031-CLEAN AIR INTERSTATE RULE-CAIR Total						415,181,848	421,890,750
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%	(1,234,037)	(1,234,037)
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	110,503,785	111,929,770
033-CLEAN AIR MERCURY RULE-CAMR Total						109,269,748	110,695,733
034-PSL COOLING WATER SYSTEM INSPECTION & MAINT	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	4,449,846	4,449,846
034-PSL COOLING WATER SYSTEM INSPECTION & MAINTENANCE Total						4,449,846	4,449,846
035-MARTIN PLANT DRINKING WATER COMP	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	235,391	235,391
035-MARTIN PLANT DRINKING WATER COMP Total						235,391	235,391
036-LOW LEV RAD1 WSTE-LLW	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	7,601,405	7,601,405
036-LOW LEV RAD1 WSTE-LLW	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	9,855,399	9,855,399
036-LOW LEV RAD1 WSTE-LLW Total						17,456,804	17,456,804
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34000	0.00%	255,507	255,507
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34100	3.49%	5,263,916	5,263,916
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34300	3.36%	115,292,583	115,292,583
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34500	3.65%	26,746,246	26,746,246
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34600	3.30%	-	1,931,700
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34630	3-Year	12,671	4,201
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34650	5-Year	51,031	21,010
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34670	7-Year	172,151	133,990
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35200	1.70%	7,427	7,427
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	1,004,027	1,004,027
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35310	2.64%	1,695,869	1,695,869
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35500	2.32%	394,418	394,418
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35600	2.38%	191,358	191,358
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	540,994	540,994
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	1.90%	1,890,938	1,890,938
037-DE SOTO SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	28,426	28,426
037-DE SOTO SOLAR PROJECT Total						153,547,561	155,402,609.02
038-SPACE COAST SOLAR PROJECT	01 - Intangible Plant	Intangible Plant	Intangible Plant	30300	30-year	6,359,027	6,359,027
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34100	3.45%	3,893,263	3,893,263
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34300	3.30%	51,550,587	51,550,587
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34500	3.51%	6,126,699	7,121,930
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34650	5-Year	35,202	-
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	928,529	928,529
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35310	2.64%	1,328,699	1,328,699
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	274,858	274,858
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	1.90%	62,689	62,689
038-SPACE COAST SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	31,858	31,858
038-SPACE COAST SOLAR PROJECT Total						70,591,411	71,551,439.82
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin	Martin U8	34300	3.37%	423,126	423,126
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34000	0.00%	216,844	216,844
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34100	2.99%	20,756,023	20,756,023
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34300	2.88%	400,493,058	403,679,290
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34500	2.99%	4,122,852	4,122,852
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34600	2.85%	56,448	56,448
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34670	7-Year	138,981	138,981
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35500	2.32%	603,692	603,692
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35600	2.38%	364,159	364,159
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36660	1.42%	94,476	94,476
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36760	1.96%	2,728	2,728
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	121,101	121,101
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39240	2.63%	332,682	332,682
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39290	4.99%	88,938	88,938
039-MARTIN SOLAR PROJECT Total						427,815,108	431,001,340
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Cape Canaveral	CapeCanaveral Comm	34300	0.00%	4,042,459	4,042,459
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Ft Lauderdale	Dania Beach Unit 7	34300	44-Month	7,629,792	7,629,792
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Ft Myers	FtMyers U2	34300	3.46%	5,489,650	5,489,650
041-PRV MANATEE HEATING SYSTEM	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	CRS	276,404	276,404
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	CRS	73,267	73,267
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	CRS	471,542	471,542
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36500	CRS	307,599	307,599
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36660	CRS	221,326	221,326
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36760	CRS	168,995	168,995

ECRC Projects
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Project	Class ID	Plant	Unit	Utility	Depr. Rate / Amort. Period	Balance as of Dec-19	Balance as of Dec-20
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36910	CRS	607	607
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36420	CRS	-	-
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36410	CRS	137,247	137,247
041-PRV MANATEE HEATING SYSTEM Total						18,818,887	18,818,887
042-PTN COOLING CANAL MONITORING SYS	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	51,705,103	51,823,502
042-PTN COOLING CANAL MONITORING SYS	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32500	3.67%	181,743	181,743
042-PTN COOLING CANAL MONITORING SYS	05 - Other Generation Plant	Turkey Pt	Turkey Pt U5	34100	2.33%	-	10,458,695
042-PTN COOLING CANAL MONITORING SYS Total						51,886,845	62,463,940
044-Barley Barber Swamp Iron Mitiga	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	164,719	164,719
044-Barley Barber Swamp Iron Mitiga Total						164,719	164,719
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	153,660	153,660
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	44,854,496	44,854,496
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31500	4.11%	4,524,074	4,524,074
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31600	3.91%	1,021,918	1,021,918
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	51,505,899	51,505,899
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31500	4.48%	4,793,798	4,793,798
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31600	4.79%	1,160,896	1,160,896
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Martin	Martin U2	31200	4.64%	-	-
045-800 MW UNIT ESP PROJECT Total						108,014,742	108,014,742
047 - St. Lucie - NPDES Permit Renewal Requirements	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	-	800,000
047 - St. Lucie - NPDES Permit Renewal Requirements Total						-	800,000
050-Steam Electric Effluent Guidelines Revised Rules	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	-	3,315,039
050-Steam Electric Effluent Guidelines Revised Rules Total						-	3,315,039
054-Coal Combustion Residuals	02 - Steam Generation Plant	Scherer	Scherer Comm	31100	1.51%	199,237	199,237
054-Coal Combustion Residuals	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%	-	19,009,409
054-Coal Combustion Residuals	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	55,036,624	84,789,965
054-Coal Combustion Residuals Total						55,235,861	103,998,611
Grand Total						1,517,581,659	1,595,699,222

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Air Operating Permit Fees

Project No. 1

Project Description:

The Clean Air Act Amendments of 1990, Public Law 101-549, and Section 403.0872, Florida Statutes, require each major source of air pollution to pay an annual license fee. The amount of the fee is based on each source's previous year's emissions. The fee covers FPL's units within the State of Florida, as well as FPL's ownership share of Plant Scherer's Unit 4 located in Juliette, Georgia. The fees for FPL's units in Florida are paid to the Florida Department of Environmental Protection ("DEP") in the first quarter of each year. FPL pays its share of the fees for Scherer Unit 4 to Georgia Power Company ("GPC"), the operating agent, on a monthly basis for submittal to the Georgia Environmental Protection Division ("EPD").

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

O&M - Previous year's air operating permit fees for Florida facilities were calculated in the first quarter of 2019 utilizing 2018 air operating information and paid to the DEP. Permit fees for FPL's ownership share of Scherer Unit 4 were paid monthly to GPC for their submittal to the Georgia EPD.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$225,740, which is \$7,518 or 3.2% lower than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$215,382.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Low NOx Burner Technology

Project No. 2

Project Description:

Under Title I of the Clean Air Act Amendments of 1990, Public Law 101-349, utilities with units located in areas designated as “non-attainment” for ozone will be required to reduce Nitrogen Oxide (“NOx”) emissions by implementing Reasonably Available Control Technology. To comply with the state’s plan to bring the Dade, Broward and Palm Beach county areas into compliance with the ozone air quality standard, FPL implemented NOx burner technology on its oil and gas-fired steam generating units in those counties to reduce emissions of the pollutants that contributed to the ozone non-attainment.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no new activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$59,721, which is \$585 or 1.0% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$57,311.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: **Continuous Emission Monitoring Systems (“CEMS”)**

Project No. 3

Project Description:

The Clean Air Act Amendments of 1990, Public Law 101-549, established requirements for the monitoring, record keeping, and reporting of SO₂, NO_x, and CO₂ emissions from affected air pollution sources. FPL’s fossil-fired generating units are affected by these regulations and CEMS have been installed to comply with these requirements. Operation and maintenance of CEMS in accordance with the provisions of 40 CFR Part 75 is an ongoing activity performed according to the requirements of the FPL CEMS Quality Assurance (“QA”) Program Manual approved by the Environmental Protection Agency (“EPA”).

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

Operation, maintenance, and certification of the CEMS continues to be performed according to the requirements of the CEMS QA Program Manual, all applicable federal and state regulations, as well as local requirements. CEMS required parts are purchased as needed for repairs and/or preventative maintenance. CEMS analyzer calibration gases, that ensure accuracy of the measurements, are required to be used daily and are purchased as needed. FPL maintains its CEMS 24/7 Software Support contract with its CEMS vendor to ensure proper functionality as well as the integrity of the CEMS data. Training on the operation and maintenance of the system, as well as rule/regulation changes continue as needed.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$669,899, which is \$125,253, or 23.0% higher than previously projected. The variance is primarily due to the deferral to 2019 of CEMS improvement projects that were originally scheduled for completion in 2018. Lack of component availability resulted in installation delays associated with CEMS equipment, and new network security requirements resulted in installation delays associated with project-related information technology hardware.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Capital - Project revenue requirements are estimated to be \$483,182, which is \$105,680, or 17.9% lower than previously projected. The variance is primarily due to the retirements in December 2018 of Lauderdale Plant Units 4 and 5 and Martin Plant Units 1 and 2.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$343,215.

Capital - Estimated project revenue requirements for the projection period are \$481,673.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Maintenance of Stationary Above Ground Fuel Storage Tanks

Project No. 5

Project Description:

Florida Administrative Code (“F.A.C.”) Chapter 62-762, provides standards for the maintenance of stationary above ground fuel storage tank systems and associated piping. These standards impose various implementation schedules for internal and external inspections, coating, repairs and upgrades to FPL’s fuel storage tanks including secondary containment, spill containment, release detection, overflow protection (e.g., high level alarms, level gauges, etc.) and cathodic protection. Inspections and work performed on the fuel storage tanks and piping must follow certain standards such as the American Petroleum Institute (“API”) standards. The project also requires equipment testing and includes registration fees that must be paid to the DEP for tanks that are in operation.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

Work continued on miscellaneous maintenance of above ground fuel storage tanks and piping systems. Internal inspections were completed on tanks at Manatee Plant, Manatee Terminal, and West County Plant, and are scheduled for tanks at Martin Plant and Manatee Plant. External inspections were completed for tanks at Manatee Terminal, Manatee Plant, and West County Plant, and are scheduled to be completed by the end of this year for Martin Plant, Martin Terminal, and Manatee Terminal tanks. Light oil fuel tanks at Martin Plant Units 3 and 4 are in the process of being recoated.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$640,599, which is \$173,197, or 37.1% higher than previously projected. The variance is primarily due to an input error in the 2019 projections filing. The 2019 projections filing included \$467,402 for this project, but the amount that should have been reflected in the projections filing for this project is \$660,402.

Capital - Project revenue requirements are estimated to be \$1,616,659, which is \$16,575 or 1.0% lower than previously projected.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$596,202.

Capital - Estimated project revenue requirements for the projection period are \$1,603,770.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Relocate Turbine Lube Oil Underground Piping to Above Ground

Project No. 7

Project Description:

In accordance with criteria contained in Chapter 62-762 F.A.C. for storage of pollutants, FPL replaced the underground turbine lube oil piping with above ground installations at the St. Lucie Nuclear Power Plant.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$1,660, which is on target for 2019.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$1,535.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Oil Spill Clean-up/Response Equipment

Project No. 8

Project Description:

The Oil Pollution Act of 1990 (“OPA 90”) mandated that all regulated facilities that store or transfer oil over certain quantities and which could reasonably be expected to discharge oil into navigable waters prepare Facility Response Plans (“FRP”) to address a worst case discharge of oil. The FRPs were required to be submitted to the appropriate agency (i.e., Coast Guard, EPA and DOT Pipeline & Hazardous Materials Administration) by August 18, 1993 or prior to going into operation. In these plans, a facility owner or operator must identify (among other items) its spill management team organization, response equipment and training, equipment inspection and exercise program. FPL developed plans for ten power plants, two fuel oil terminals, three pipelines, and one corporate plan. Additionally, FPL purchased the mandated response resources and provided for mobilization to a worst case discharge at each site.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

FRP updates continue to be performed for all sites as required. Routine maintenance of all oil spill equipment has continued throughout the year, as well as training, and planned fourth quarter oil spill drills.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$182,377, which is \$101,871, or 35.8% lower than previously projected. The variance is primarily due to the unanticipated sale of surplus oil spill response equipment in 2019.

Capital - Project revenue requirements are estimated to be \$196,866, which is \$26,881 or 15.8% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$173,313.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Capital - Estimated project revenue requirements for the projection period are \$335,970.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Relocate Storm Water Runoff

Project No. 10

Project Description:

The National Pollutant Discharge Elimination System (“NPDES”) permit, Permit No. FL0002206 for the St. Lucie plant, issued by the EPA contains effluent discharge limitations for industrial-related storm water from the plant and land utilization building areas. The requirements became effective on January 1, 1994. As a result of these requirements, affected areas were surveyed, graded, excavated, and paved as necessary to clean and redirect the storm water runoff. The storm water runoff is collected and discharged to existing water catch basins on site.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$6,370, which is \$100 or 1.6% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$6,259.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Scherer Discharge Pipeline

Project No. 12

Project Description:

On March 16, 1992, pursuant to the provisions of the Georgia Water Control Act, as amended, the Federal Clean Water Act, as amended, and the rules and regulations promulgated thereunder, the Georgia Department of Natural Resources (“the Department”) issued the NPDES permit for Plant Scherer to GPC. In addition to the permit, the Department issued Administrative Order EPD-WQ-1855, which provided a schedule for compliance by April 1, 1994 with the facility discharge limitations to Berry Creek. As a result of these limitations, and pursuant to the order, GPC was required to construct an alternate outfall to redirect certain wastewater discharges to the Ocmulgee River. Pursuant to the ownership agreement with GPC for Scherer Unit 4, FPL is required to pay for its share of construction of the discharge pipeline, which will constitute the alternate outfall.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$34,674, which is \$522 or 1.5% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$33,978.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: NPDES Permit Fees

Project No. 14

Project Description:

In compliance with Rule 62-4.052, F.A.C., FPL is required to pay annual regulatory program and surveillance fees for any permits which are required to allow the discharge of wastewater to surface waters under the NPDES. These fees implement the Florida Legislature's intent that the DEP's costs for administering the NPDES program be borne by the regulated parties, as applicable.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

The NPDES permit fees were paid to the DEP for the seven applicable power generation and nuclear plants.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$69,450, which is \$250 or 0.4% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$57,700.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Disposal of Noncontainerized Liquid Waste

Project 17

Project Description:

FPL manages ash from heavy oil-fired power plants using a wet ash system. Ash from the dust collector and economizer is sluiced to surface ash basins. The ash sludge is then pH adjusted to precipitate metals. To comply with F.A.C. 62-701.300(10), the ash is then de-watered using a plate/frame filter-press in order to dispose of it in a Class I landfill or ship by railcar to a processing facility for beneficial reuse.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$0.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$0.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Substation Pollutant Discharge Prevention and Removal

Project 19a – Distribution, 19b - Transmission

Project Description:

Florida Statute Chapter 376 – Pollutant Discharge Prevention and Removal requires that any person discharging a pollutant, defined as any commodity made from oil or gas, shall immediately undertake to contain, remove and abate the discharge to the satisfaction of the DEP. This project includes the prevention and removal of pollutant discharges at FPL substations including equipment mineral oil and historical arsenic impacts.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

Leak repair and regasketing work continues as needed on affected equipment identified during inspections. A mobile transformer has been utilized at three locations to date to alleviate energy load problems in critical substations in order to repair and regasket leaking transformers. It is anticipated that 2 to 3 more transformers may be required to be repaired in the remainder of 2019. The arsenic remediation work continues to be addressed at four substations where historical impacts have been identified.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M -

19a. Project expenditures are estimated to be \$3,019,288, which is \$344,018 or 12.9% higher than previously projected. The variance is primarily due to FPL obtaining more equipment clearances (i.e., de-energize installed equipment) than expected, which are required for equipment repair. This resulted in a higher than projected number of transformers being repaired.

19b. Project expenditures are estimated to be \$833,320, which is \$154,620 or 15.7% lower than previously projected. The variance is primarily due to FPL obtaining fewer equipment clearances than expected, which are required for equipment repair. This resulted in a lower than projected number of transformers being repaired during the first half of 2019.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are:

19a. \$2,690,446

19b. \$1,008,270

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Wastewater Discharge Elimination & Reuse

Project No. 20

Project Description:

Pursuant to 33 U.S.C. Section 1342 and 40 CFR 122, FPL is required to obtain NPDES permits for each power plant facility. The last permits issued contain requirements to develop and implement a Best Management Practice Pollution Prevention Plan (BMP3 Plan) to minimize or eliminate, whenever feasible, the discharge of regulated pollutants, including fuel oil and ash, to surface waters. In addition, the DEP Industrial Wastewater Permits issued under 62-620 F.A.C., regulate discharges of any wastewater discharges to groundwater at all plants, and the Miami-Dade County Department of Environmental Resource Management requires the Turkey Point plant's and Cutler plant's wastewater discharges into canals to meet county water quality standards found in Section 24-42, Code of Miami-Dade County. In order to address these requirements, FPL has undertaken a multifaceted project, which includes activities such as ash basin lining, installation of retention tanks, tank coating, sump construction, installation of pumps, motor, and piping, boiler blowdown recovery, site preparation, separation of stormwater and ashwater systems, separation of potable and service water systems, and the associated engineering and design work to implement these projects.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no new activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$41,798, which is \$32,669 or 43.9% lower than previously projected. The variance is primarily related to \$771,577 of retirements reflected in the 2018 final true-up filing.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$42,940.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: St. Lucie Turtle Net

Project No. 21

Project Description:

The Incidental Take Statement contained in the Endangered Species Act Section 7 Consultation Biological Opinion, issued to FPL on March 24, 2015, by the National Marine Fisheries Service limits the number of lethal turtle “takings” permitted at its St. Lucie Power Plant. An effective 5-inch primary barrier net is vital to limiting the number of lethal turtle takes per year.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

Inspections and cleaning were performed to remove algae and jellyfish buildup that occurred on the turtle net.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$355,961, which is \$245,961 or 223.6% higher than previously projected. The variance is primarily due to larger than expected volumes of aquatic organisms accumulating on the net that required additional activities to ensure turtle safety. Activities included deploying aquatic organism removal equipment year round, rather than for only the historical six-month growth season, to address emergency responses to aquatic organism intrusion events. Additional samples and inspections were required to monitor and mitigate the aquatic organism buildup.

Capital - Project revenue requirements are estimated to be \$738,541, which is \$15,851 or 2.2% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$368,400.

Capital - Estimated project revenue requirements for the projection period are \$742,000.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Pipeline Integrity Management Program

Project No. 22

Project Description:

FPL is required to develop and implement a written pipeline integrity management program for its hazardous liquid/gas pipelines. This program must include the following elements: (1) a process for identifying which pipeline segments could affect a high consequence area; (2) a baseline assessment plan; (3) an information analysis that integrates all available information about the integrity of the entire pipeline and the consequences of a failure; (4) the criteria for determining remedial actions to address integrity issues raised by the assessments and information analysis; (5) a continual process of assessment and evaluation of pipeline integrity; (6) the identification of preventive and mitigative measures to protect the high consequence area; (7) the methods to measure the program's effectiveness; (8) a process for review of assessment results and information analysis by a person qualified to evaluate the results and information; and (9) record keeping.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

No inline inspections were required for the Florida liquid lines in 2019. The Manatee Terminal 16" pipeline is due for an inline inspection in 2020. The required 2019 annual cathodic protection surveys and 2019 damage prevention programs were completed as outlined in the Integrity Management Plans.

With the retirement and dismantlement in progress at Martin Plant Units 1 & 2 and Martin Terminal, the Martin Terminal 30" and the Martin Terminal 18" pipelines have been purged of all combustibles hazardous gases and are currently filled with nitrogen.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$79,525, which is \$101,883, or 56.2% lower than previously projected. The variance is due to the retirement of Martin Units 1 and 2 at the end of 2018, which eliminated the need for project activities associated with those units that were included in the original 2019 projections.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Capital - Project revenue requirements are estimated to be \$266,662, which is \$5,162 or 2.0% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$327,500.

Capital - Estimated project revenue requirements for the projection period are \$265,742.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Spill Prevention, Control, and Countermeasures (“SPCC”) Program

Project No. 23

Project Description:

The EPA issued the Oil Pollution Prevention Regulation (i.e., SPCC rule) to address the oil spill prevention provisions contained in the Federal Water Pollution Control Act of 1972 (later amended as the Clean Water Act) to prevent discharges of oil from reaching the navigable waters of the U.S. The SPCC rule also requires certain facilities to prepare and implement SPCC Plans and address oil spill prevention requirements including the establishment of procedures, methods, equipment, and other requirements to prevent discharges of oil as described above. As revised, the SPCC rule requires that each regulated facility prepare and implement an SPCC Plan; install secondary containment and/or diversionary structures for bulk oil storage containers, certain oil-filled equipment, piping and tank truck unloading racks/areas; provide overfill protection (e.g., tank level alarms, etc.); and conduct training, inspections, testing, security measures and facility drainage systems.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

FPL routinely reviews and updates the FRP and SPCC Plans for its power plant and fuel terminal facilities. These updates incorporate modifications to tanks, piping, equipment, transformers, containment features and drainage systems as well as enhancements to facility inspection programs. For this year, additional updates incorporate specific projects including demolition of the Lauderdale Plant, final construction of the Okeechobee Clean Energy Center, removal of tanks at the Martin Plant and Martin Terminal, and demolition of the gas turbines at the Fort Myers Plant.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$763,837, which is \$38,301 or 4.8% lower than previously projected.

Capital - Project revenue requirements are estimated to be \$2,195,724, which is \$342,652, or 13.5% lower than previously projected. The variance is primarily due to delays in the in-service dates for oil booms at the Martin plant from October 2019 to December 2019 and June 2019 to December 2019 at the Ft. Myers

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

plant. Additionally, there was a change in the in-service date of an oil water separator at the Turkey Point Nuclear Plant from October 2018 to June 2019 due to extra time required to obtain a necessary permit revision from Miami-Dade County. Finally, \$1.3 million for placing an oil boom into service at the Manatee Plant was moved to Project 8a, Oil Spill Cleanup/Response Equipment.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$794,938.

Capital - Estimated project revenue requirements for the projection period are \$2,267,961.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Manatee Plant Reburn

Project No. 24

Project Description:

This project involves installation of reburn technology in Manatee Units 1 and 2 to provide significant reductions in NOx emissions from Manatee Units 1 and 2 to reduce impacts to local ozone air quality impacts that the DEP had required FPL to achieve. FPL determined that reburn technology was the most cost-effective alternative to achieve significant reductions in NOx emissions. Reburn is an advanced NOx control technology that has been developed for, and applied successfully in, commercial applications to utility and large industrial boilers to reduce emissions. that do not require the use of reagents, catalysts, and pollution reduction or removal equipment.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

The site has completed its annual outage on Unit 2 which replaced the reburn burner tips and swirlers as needed. Additionally, the burner tips and swirlers were also replaced on Unit 1 due to the increased run time in spring 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$219,249, which is \$59,310 or 37.1% higher than previously projected. The variance is primarily due to replacement of oil burner tips associated with increased oil burn resulting from higher than projected plant operation.

Capital - Project revenue requirements are estimated to be \$3,077,824, which is \$35,200 or 1.2% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$113,517.

Capital - Estimated project revenue requirements for the projection period are \$2,997,332.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Underground Storage Tank (“UST”) Replacement/Removal

Project No. 26

Project Description:

Chapter 62-761.500 of the F.A.C., dated July 13, 1998, requires the removal or replacement of existing Category-A and Category-B storage tank systems with systems meeting the standards of Category-C storage tank systems by December 31, 2009. UST Category-A tanks are single-walled tanks or underground single-walled piping with no secondary containment that were installed before June 30, 1992.

UST Category-B tanks are tanks containing pollutants after June 30, 1992 or a hazardous substance after January 1, 1994 that shall have secondary containment. Small diameter piping that comes in contact with the soil that is connected to a UST shall have secondary containment if installed after December 10, 1990.

UST and AST Category-C tanks under F.A.C. 62-761.500 are tanks that shall have some or all of the following; a double wall, be made of fiberglass, exterior coatings that protect the tank from external corrosion, secondary containment (e.g., concrete walls and floor) for the tank and the piping, and overfill protection.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no new activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$6,715, which is \$135 or 2.1% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$6,713.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Lowest Quality Water Source (“LQWS”)

Project No. 27

Project Description:

The LQWS Project is required in order to comply with permit conditions in the Consumptive Use Permits (“CUP”) issued by the St. Johns River Water Management District (“SJRWMD” or “the District”) for the Sanford Plant. Those permit conditions are intended to preserve Florida’s groundwater, which is an important environmental resource. The SJRWMD adopted a policy in 2000 that, upon permit renewal, a user of the District’s water is required to use the lowest quality of water that is technically, environmentally and economically feasible for its needs. This policy was implemented for the Sanford Plant in the current CUP, which requires use of water from the Sanford Cooling Pond as the LQWS for plant consumptive water use. The LQWS project at Sanford Plant is currently operational.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

For 2019, the water treatment system operator will bill FPL according to the cost of running the system, chemicals included, based on amount of water processed from the cooling pond.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$143,857, which is \$12,143 or 7.8% lower than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$156,000.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: CWA 316(b) Phase II Rule

Project No: 28

Project Description:

The final rule entitled, “National Pollutant Discharge Elimination System - Final Regulations to Establish Requirements for Cooling Water Intake Structures at Existing Facilities and Amend Requirements at Phase I Facilities” (the 316(b) Rule and formerly the CWA 316(b) Phase II Rule), which became effective October 14, 2014, is found in 40 CFR Parts 122 and 125, implements section 316(b) of the Clean Water Act (“CWA”) for existing power plants. The 316(b) Rule is applicable to all power plants and other manufacturing that employ a cooling water intake structure and that withdraw two million gallons per day or more of water from rivers, streams, lakes, reservoirs, estuaries, oceans or other Waters of the United States for cooling purposes. The 316(b) Rule established national requirements applicable to, and that reflect, the best technology available (“BTA”) for the location, design, construction and capacity of, existing cooling water intake structures to minimize adverse environmental impacts. The DEP adopted the 316(b) Rule on June 24, 2015 and is implementing it at the following FPL facilities: Cape Canaveral Energy Center, Ft. Myers Plant, Lauderdale Plant, Port Everglades Energy Center, Riviera Beach Energy Center, Sanford Plant, Martin Plant, Manatee Plant and St. Lucie Plant. Plant Scherer is also regulated by the 316(b) Rule through the Georgia EPD.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

In 2019, work was conducted by consultants on reports required by the 316(b) Rule to determine the appropriate BTA for minimizing impingement mortality and entrainment at all of FPL’s facilities employing once-through cooling water systems. This work will continue through the 2021 timeframe.

At the Cape Canaveral Energy Center, the new horseshoe crab deterrent wall (installed October 2017) has reduced the impingement of horseshoe crabs in 2019 by 98% compared to the time period prior to installation of the wall. FPL received approval from the DEP and the Florida Fish and Wildlife Conservation Commission (“FWC”) to implement the Cape Canaveral Energy Center’s Horseshoe Crab Deterrent Structure Maintenance and Monitoring Plan (“Plan”), effective November 1, 2018. The Plan reduced horseshoe crab monitoring activities from three times per week, January 1 to December 31, to

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

two times per week, only during months of higher impingement (January 15 to May 31). Inspections of the wall were also reduced from monthly to quarterly.

On June 12, 2019, FPL received a letter from the NMFS regarding the deaths of five smalltooth sawfish over the past two years at the Ft. Myers Plant. The smalltooth sawfish is an endangered species under the Endangered Species Act (“Act”). The letter states that it is critical that FPL undertake measures to address the ongoing take at the plant and prevent future violation of the Act. The NMFS believes the best way to prevent interactions with sawfish is to block their access to the intake canal. The letter requests further discussion with FPL in order to prevent any further sawfish take.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$1,133,263, which is \$274,804 or 19.5% lower than previously projected. The variance is primarily attributed to the Florida Fish and Wildlife Conservation Commission-approved (“FWC”) reduction in horseshoe crab monitoring activities at the Cape Canaveral Energy Center. The approved reduction was a direct result of the success of the horseshoe crab barrier preventing horseshoe crabs from being impacted by plant activities. The variance was partially offset by increased CWA 316(b) study-related activities at the Lauderdale plant where portions of studies originally scheduled for 2018 were postponed until certain design aspects of the new Dania Beach Energy Center were finalized and then completed in 2019.

Capital - Project revenue requirements are estimated to be \$98,587, which is \$44,753 or 31.2% lower than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$955,862.

Capital - Estimated project revenue requirements for the projection period are \$295,116.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Selective Catalytic Reduction Systems (“SCR”) Consumables

Project No. 29

Project Description:

The Manatee Unit 3 and Martin Plant Unit 8 Expansion Project Final Orders of Certification under the Florida Power Plant Siting Act, and the PSD Air Construction Permit emission specifications, require the installation of SCRs for the control of NO_x emissions. The DEP made the determination that the SCR system is considered Best Available Control Technology (“BACT”) for these types of units, with concurrence from the EPA. The operation of the SCRs caused FPL to incur O&M costs for certain products that are consumed in the SCRs and for required Risk Management Plans (“RMP”) and training. SCR components include anhydrous ammonia, analyzers, calibration gases, replacement catalyst, and equipment wear parts requiring periodic replacement.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

Manatee and Martin plants have completed its annual training as required.

Manatee Unit 3 completed the required 5-yr Process Hazard Analysis. Required calibration of Martin Plant Unit 8 SCR system instrument and controls was performed. The Martin Plant Unit 8 HRSG Anhydrous Ammonia Blower Injection Skid Auto Shutoff Valve was replaced. Additionally, anhydrous ammonia is purchased as needed throughout the year.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$551,135, which is on target for 2019.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$531,502.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Clean Air Interstate Rule (“CAIR”) Compliance

Project No. 31

Project Description:

In response to the EPA’s Clean Air Interstate Rule (“CAIR”), FPL initiated the CAIR Project to implement strategies to comply with Annual and Ozone Season NO_x and SO₂ emissions requirements. The CAIR project has included a consultant study of FPL’s control and allowance management options, an engineering study conducted for the reliable cycling of the 800 MW units (Martin Plant Units 1 and 2, Manatee Plant Units 1 and 2), the construction and operation of SCRs on St. Johns River Power Park (“SJRPP”) Units 1 and 2, the construction and operation of the scrubber and SCR for Scherer Unit 4, and the installation of CEMS for the peaking gas turbine units. On December 3, 2008, in addition to the EPA’s CAIR requirements, Georgia EPD promulgated the GA Multi-Pollutant rule also requiring installation of an SCR and a Scrubber on Scherer Unit 4.

SJRPP was retired January 5, 2018 and Martin Plant Units 1 and 2 were retired in December of 2018.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

2019 O&M activities associated with the 800MW cycling project were primarily related to water demineralization and the use of chemicals for treatment of biological fouling of condenser tubes at Manatee Plant Units 1 and 2. Project O&M at Scherer includes routine maintenance of the SCR and scrubber and associated limestone sorbent costs for removal of SO₂ and ammonia costs for control of NO_x.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$3,920,827 which is \$91,579 or 2.4% higher than previously projected.

Capital - Project revenue requirements are estimated to be \$45,313,398, which is \$1,479,006 or 3.2% lower than previously projected.

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Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$5,641,945.

Capital - Estimated project revenue requirements for the projection period are \$45,519,130.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: MATS Project

Project No. 33

Project Description:

The Clean Air Mercury Rule (“CAMR”) was promulgated by the EPA on March 15, 2005, imposing nationwide standards of performance for mercury (“Hg”) emissions from existing and new coal-fired electric utility steam generating units. The CAMR is designed to reduce emissions of Hg through implementation of coal-fired generating unit Hg controls. In addition, CAMR requires the installation of Hg Continuous Emission Monitoring Systems (“HgCEMS”) to monitor compliance with the emission requirements. In response to a court decision vacating the CAMR, the EPA promulgated a final Mercury and Air Toxics Standard (“MATS”) rule that addressed toxic metal (including Hg) and acid gas emissions from coal and oil-fired steam electric generating units. FPL’s coal-fired Scherer plant is subject to this replacement rule and costs for compliance continue to be recovered under this project. On June 29, 2015 the Supreme Court issued an opinion remanding the MATS rule back to the D.C. Circuit Court of Appeals deciding that the EPA could ignore costs when deciding to regulate power plants. While the D.C. Circuit has not yet issued an opinion on the validity of MATS, the rule is final and FPL must comply with the requirements until it is revoked or reissued.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

For Plant Scherer, operation for the baghouse and sorbent injection system continues per the requirements of the State of Georgia Multi Pollutant Rule and MATS.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$2,104,512, which is \$596,496 or 22.1% lower than previously projected. The variance is primarily due to lower than projected consumption of powder-activated carbon in the Scherer Unit 4 baghouse due to lower than projected generation output.

Capital - Project revenue requirements are estimated to be \$9,599,646, which is \$213,445 or 2.3% higher than previously projected.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$2,648,335.

Capital - Estimated project revenue requirements for the projection period are \$9,593,092.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: St. Lucie Cooling Water System Inspection and Maintenance

Project No. 34

Project Description:

The purpose of the proposed St. Lucie Plant Cooling Water System Inspection and Maintenance Project is to inspect and, as necessary, maintain the cooling water system (the “Cooling System”) at FPL’s St. Lucie Nuclear Power Plant, such that it minimizes injuries and/or deaths of endangered species and thus helps FPL to remain in compliance with the Federal Endangered Species Act, 16 U.S.C. Section 1531, et seq. The specific “environmental law or regulation” requiring inspection and cleaning of the intake pipes are terms and conditions imposed pursuant to a Biological Opinion (“BO”) that was issued by the National Marine Fisheries Service (“NMFS”) pursuant to Section 7 of the Endangered Species Act. The NMFS finalized the BO on March 24, 2016. FPL is currently working with NMFS to develop an acceptable cooling system turtle excluder device or alternatives, as required by the BO.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

A prototype of the excluder device has been constructed and testing was conducted in accordance with the BO. Test results of the proposed configuration showed possible injury to turtles. The testing associated with the proposed turtle barrier has been suspended due to comments received from NMFS and the FWC.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$0.

Capital - Project revenue requirements are estimated to be \$353,973, which is \$109,878, or 23.7% lower than previously projected. The variance is primarily due to the suspension of all activity associated with the proposed turtle barrier pending receipt of a new or updated biological opinion from the NMFS. Testing in 2018 of the proposed barrier determined there was a potential for turtle injuries and therefore was suspended due to comments received from the NMFS and the FWC.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$0.

Capital - Estimated project revenue requirements for the projection period are \$455,101.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Martin Plant Water System

Project No. 35

Project Description:

The Martin Plant Drinking Water System is required to comply with the requirements of the DEP's rules for drinking water systems. The DEP determined the system must be brought into compliance with newly imposed drinking water rules for trihalomethanes and Halo Acetic Acid. These include nano-filtration, air stripping, carbon and multimedia filtration.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

FPL performed monthly maintenance and cleaning of nano-filter membranes related to the operation of the potable water system. The filter and tank are being replaced this year as part of a capital upgrade, so there is no routine carbon replacement planned for 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$33,137 versus an original projection of \$0.

Capital - Project revenue requirements are estimated to be \$18,188, which is \$1,674 or 8.4% lower than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$0.

Capital - Estimated project revenue requirements for the projection period are \$20,366.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Low Level Radioactive Waste

Project No. 36

Project Description:

The Barnwell, South Carolina radioactive waste disposal facility is the only site of its kind presently available to FPL for disposal of Low Level Waste (“LLW”) such as radioactive spent resins, filters, activated metals, and other highly contaminated materials. On June 30, 2008, the Barnwell facility ceased accepting LLW from FPL. The objective of this project is to provide a LLW storage facility at the St. Lucie and Turkey Point plants with sufficient capacity to store all LLW B and C class waste generated at each plant site over a 5-year period. This will allow continued uninterrupted operation of the St. Lucie and Turkey Point nuclear units until an alternate solution becomes available. The LLW on site storage facilities at St. Lucie and Turkey Point also provide a “buffer” storage capacity for LLW even if an alternate solution becomes feasible, should the alternate solution be delayed or interrupted at a later date.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no new activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$1,673,652, which is \$32,378 or 2.0% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$1,667,815.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: DeSoto Next Generation Solar Energy Center

Project No. 37

Project Description:

The DeSoto Next Generation Solar Energy Center (“DeSoto Solar”) project is a zero greenhouse gas emitting renewable generation project, which, on August 4, 2008, the Commission found in Order Number PSC-08-0491-PAA-EI, to be eligible for recovery through the ECRC pursuant to House Bill 7135. The DeSoto Solar project is a 25 MW solar photovoltaic (“PV”) generating facility, which converts sunlight directly into electric power utilizing tracking arrays that are designed to follow the sun as it traverses through the sky. In addition, the system includes electrical equipment necessary to convert the power from direct current to alternating current to connect the system to the FPL grid. Ongoing operation and maintenance expenses include repair and replacement of PV system components and support equipment and facilities by FPL personnel and vegetation management of land adjacent to the panels.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

For January through the end of June, 2019, Desoto Solar’s net energy production was 24,725 MWh. Several direct current field walk downs and necessary repairs were performed this year, in order to ensure improved efficiency to current performance. Additionally, the 10-year maintenance activities are currently in the planning phase. Site personnel continue to perform required maintenance activities including replacement of components as necessary.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$620,706, which is \$120,917 or 24.2% higher than previously projected. The variance is primarily due to higher than projected field maintenance, which resulted in increased payroll, relocation, and training expenses.

Capital - Project revenue requirements are estimated to be \$12,369,828, which is \$160,362 or 1.3% higher than previously projected.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$840,515.

Capital - Estimated project revenue requirements for the projection period are \$12,202,704.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: **Space Coast Next Generation Solar Energy Center**

Project No. 38

Project Description:

The Space Coast Next Generation Solar Energy Center (“Space Coast Solar”) project is a zero greenhouse gas emitting renewable generation project, which on August 4, 2008, the Commission found in Order Number PSC-08-0491-PAA-EI, to be eligible for recovery through the ECRC pursuant to House Bill 7135. The Space Coast Solar project is a 10 MW PV generating facility which converts sunlight directly into electric power. The facility utilizes a fixed array and uses solar PV panels, support structures, and electrical equipment necessary to convert the power from direct current to alternating current and to connect the system to the FPL grid. Ongoing operation and maintenance expenses include repair and replacement of PV system components and support equipment and facilities by FPL personnel and vegetation management of land adjacent to the panels.

The Space Coast project also included building a 900 kW solar PV facility at the Kennedy Space Center (“KSC”) industrial area. The KSC solar site was built and is operated and maintained by FPL as compensation for the lease of the land for the Space Coast Solar site which is located on KSC property.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

For January through the end of June, 2019, net energy production at Space Coast Solar was 8,808 MWh. The KSC site operated well with January through the end of June 2019 net energy production of 827 MWh. Quarterly O&M reports are submitted to NASA in accordance with the lease agreement between NASA and FPL. Support personnel continue to perform required maintenance activities including replacement of components as necessary.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$268,389, which is \$50,974 or 16.0% lower than previously projected. The variance is primarily due to less than anticipated repair work being needed, resulting in lower payroll expenses.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Capital - Project revenue requirements are estimated to be \$5,749,305, which is \$77,327 or 1.4% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$276,067.

Capital - Estimated project revenue requirements for the projection period are \$5,683,383.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Martin Next Generation Solar Energy Center (Solar Thermal)

Project No. 39

Project Description:

On August 4, 2008, the Commission found, in Order Number PSC-08-0491-PAA-EI, that the Martin Next Generation Solar Energy Center (“Martin Solar”) project was eligible for recovery through the ECRC pursuant to House Bill 7135. The Martin Solar project is a 75 MW solar thermal steam generating facility which is integrated into the existing steam cycle for the Martin Unit 8 natural gas-fired combined cycle power plant. The steam supplied by Martin Solar is used to supplement the steam currently generated by the heat recovery steam generators. The project involved the installation of parabolic trough solar collectors that concentrate solar radiation on heat collection elements and track the sun to maintain the optimum angle to collect solar radiation. These heat collection elements contain a heat transfer fluid (“HTF”) that is heated by the concentrated solar radiation and is then circulated to heat exchangers that will produce steam, which is routed to the existing Martin Unit 8 heat recovery steam generators for use in generating a design rating of 75 MW of electricity from the Martin Unit 8 Steam Turbine Generator.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

2019 to date, Martin Solar accomplishments include routine repairs to solar loops, including replacement of heat collection elements and parabolic mirrors, oil changes on the solar array hydraulic drives, and ongoing installation of improved gearboxes for the solar field temperature control valves. Other accomplishments include enhancements in the control system logic for solar field loop heat collection, and various preventative maintenance jobs completed in the solar field and power block.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$3,366,532, which is \$19,566 or 0.6% higher than previously projected.

Capital - Project revenue requirements are estimated to be \$34,871,267, which is \$588,589 or 1.7% higher than previously projected.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$4,745,852.

Capital - Estimated project revenue requirements for the projection period are \$34,650,825.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Greenhouse Gas Reduction Program

Project No. 40

Project Description:

The purpose of FPL's Electric Utility Greenhouse Gas ("GHG") Reduction Program is to comply with the EPA's policies that require reductions in emissions of GHGs from electric generating units and mandatory reporting of GHG emissions. The EPA's Mandatory GHG Reporting Rule requires electric utilities to record emissions of GHGs, primarily CO₂ from the combustion of fossil fuels, and report actual data in the subsequent year. FPL was required to begin reporting GHGs emitted from its fossil generating units annually starting in 2011 for calendar year 2010 and to report every year thereafter. The EPA's performance standards for reductions of GHG emissions have been proposed as a final rule that addresses only efficiency improvements on coal-fired electric utility steam generating units. While the proposed rule has been challenged, FPL does not currently anticipate any additional costs for compliance with the new GHG rule.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$0.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - There are no projected costs.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Manatee Temporary Heating System (“MTHS”)

Project No. 41

Project Description:

FPL is subject to specific and continuing legal requirements to provide warm water refuges for the threatened manatee at its Port Everglades, Ft. Myers, Lauderdale, Riviera, and Cape Canaveral plants.

FPL’s installation of a MTHS at each site was implemented to provide warm water until each site completed the planned modernization of the existing power generation units and the warm water flow from the generating unit cooling water returned. The Power Plant Siting Act Conditions of Certification require additional environmental and biological monitoring associated with the operation of the heaters during and following plant shut-downs due to the modernizations. The modernization projects have been completed at Cape Canaveral, Port Everglades and Riviera, with Fort Lauderdale being modernized (Dania Beach Clean Energy Center) during the 2018-2022 time frame. For Cape Canaveral, the heating system remained in place to serve as an emergency backup in the future in case the entire Unit 3 power block needs to shut down during future manatee seasons. Due to requirements of the U.S. Fish and Wildlife Service to reduce the possibility of impinging dead or severely compromised manatees on the Cape Canaveral intake screens, Cape Canaveral relocated the permanent manatee heating area farther from the plant intakes. Fort Myers is also installing a permanent MTHS due to its “northern” location and the probability of reduced plant operation in the future.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

In September 2017 the modernization of Lauderdale Plant began. One of the first items addressed was the installation of an MTHS so it could be in place for the 2018-19 manatee season and beyond. The MTHS that was installed did not perform as designed and was returned to the manufacturer. In order to meet the requirement to have a heating system during modernization, back-up heaters were brought to the Lauderdale Plant site for the 2018-2019 manatee season. In addition, the Fort Myers Plant completed construction of a permanent MTHS in February 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

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PROJECT DESCRIPTION AND PROGRESS**

O&M - Project costs are estimated to be \$176,855, which is \$39,045 or 18.1% lower than previously projected.

Capital - Project revenue requirements are estimated to be \$1,276,656, which is \$1,432,105, or 52.9% lower than previously projected. The variance is primarily due to the delay of capital spend and in-service dates for the Ft. Myers Plant MTHS and the DBEC MTHS. The Ft. Myers Plant MTHS was placed into service in February 2019, rather than December 2018 as previously estimated. This in-service delay was due to delays in equipment deliveries. The cause for the delay of the in-service date for the DBEC MTHS was that the MTHS installed in 2018 did not perform as designed and was returned to the manufacturer for repairs, requiring the use of temporary heaters during the 2018-2019 manatee season. The DBEC MTHS is expected to be operational in September 2019 for testing and emergency use and placed into service in December 2019.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$195,900.

Capital - Estimated project revenue requirements for the projection period are \$3,236,776.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Turkey Point Cooling Canal Monitoring Plan (“TPCCMP”)

Project No. 42

Project Description:

Pursuant to Conditions IX and X of the DEP’s Final Order Approving Site Certification, FPL submitted a revised Cooling Canal Monitoring Plan to the South Florida Water Management District (“SFWMD”). After receiving input from the SFWMD as well as the DEP and Miami-Dade County Department of Environmental Resource Management (“MDC DERM”), the Revised Plan was finalized on October 14, 2009. The objective of FPL’s TPCCMP Project is to implement the Conditions of Certification IX and X.

Based on the data FPL had collected pursuant to the Revised Plan, the DEP, in consultation with the SFWMD and the MDC DERM issued a final Administrative Order (“AO”) on December 23, 2014. The AO directed FPL to achieve a substantial reduction in Cooling Canal System (“CCS”) salinity within four years and identifies a series of potential measures that FPL could include in the Salinity Management Plan (“SMP”) that FPL must file with the DEP outlining how it will do so. The AO was challenged by several parties. In October 2015, the MDC DERM entered into a Consent Agreement (“CA”) with FPL. Following challenges to the AO, the DEP issued a Final Administrative Order on April 21, 2016, and on April 25, 2016, it issued a Notice of Violation (“NOV”) regarding the hypersaline groundwater to the west of the CCS and a Warning letter identifying issues related to water quality in few deep artificial channels to the east and south of the CCS. The NOV directed FPL to enter into a Consent Order (“CO”) to, at a minimum, remediate the CCS contribution to the hypersaline plume, reduce the size of the hypersaline plume, and prevent future harm to waters of the State. The CO was executed between FPL and the DEP on June 20, 2016. On August 15, 2016 the MDC DERM entered into an addendum to the CA with FPL (“CAA”), which requires FPL to undertake additional activities to address releases of groundwater into deep artificial channels on the east side of the CCS.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

FPL continues to move forward with compliance and implementation of actions associated with activities required under the CO, CA and CAA. FPL has completed fill and restoration of the Turtle Point canal, and is scheduled to complete fill of the Turning Basin by the end of 2019. Additionally, FPL has continued

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

operation of the recovery well system (“RWS”) consisting of 10 extraction wells required by the CO and CA. The RWS extracts on average 15 million gallons per day of hypersaline groundwater from the Biscayne aquifer and safely disposes it in an underground injection control (“UIC”) well. FPL annually conducts a Continuous Source Electromagnetic Mapping (“CSEM”) survey required by the CO and CA. This survey provides a three dimensional view of the hypersaline plume and aids in assessing the extraction of the hypersaline plume. FPL also pursued strategies under the Nutrient Management Plan required by the CO to reduce nutrients in the CCS surface waters. Seagrasses, planted in a late 2018 pilot project have shown good growth and a second phase of planting will be completed by end of 2019. FPL also developed, constructed and placed into operation a foam harvesting system to remove nutrient-concentrated foam and dispose of it into the UIC well. These efforts will assist in reducing nutrients in the system and mitigate the magnitude of algae blooms.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$20,010,655, which is \$2,275,277 or 12.8% higher than previously projected. The variance is primarily due to deferral from 2018 to 2019 of additional planned monitoring, nutrient management, deep injection well testing, and well maintenance due to permitting delays. The variance was partially offset by a reduction in the sediment removal program, which was not required in 2019 due to adequate thermal efficiency of the cooling canals.

Capital - Project revenue requirements are estimated to be \$5,149,286, which is \$1,384,722, or 21.2% lower than previously projected. The variance is primarily due to deferrals from 2018 to the fourth quarter of 2019 in capital spending for the Turning Basin and Turtle Point Backfill projects, resulting from delays in the permitting process.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$18,635,320.

Capital - Estimated project revenue requirements for the projection period are \$6,462,269.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Martin Plant Barley Barber Swamp Iron Mitigation Project

Project No. 44

Project Description:

Martin Plant Barley Barber Swamp Iron Mitigation Project was installed in 2011. The project included the installation of complete siphon systems to mitigate iron discharges in the Barley Barber Swamp. The systems, which use cooling pond water (low iron) to hydrate the swamp, are required by permit.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no new activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

Capital - Project revenue requirements are estimated to be \$14,779 which is \$288 or 2.0% higher than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

Capital - Estimated project revenue requirements for the projection period are \$14,736.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: 800MW Unit Electrostatic Precipitator (“ESP”) Project

Project No. 45

Project Description:

On December 21, 2011, the EPA issued the final MATS rule as required under Section 112 of the Clean Air Act for regulation of Hazardous Air Pollutants. This has the effect of requiring ESPs for the 800 MW oil-fired units (Martin Plant Units 1 and 2, Manatee Plant Units 1 and 2) to meet the established numerical emission limits for particulate material when combusting fuel oil. ESPs are the most cost-effective form of particulate emission control for the 800 MW oil-fired units. As to the final MATS rule’s limits on acid gasses, FPL uses the compliance option of limiting the moisture content of the oil it burns in those units through its specifications for fuel oil procurement. To comply with the MATS Rule, FPL installed ESPs on Manatee Units 1 and 2 and Martin Units 1 and 2.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

The Manatee Plant systems will continue to operate until the units are retired, with O&M costs for payroll, materials, and contractors. These costs are associated with inspections, ash disposal, preventative maintenance, and repairs needed to operate and maintain the system. Martin Plant Units 1 and 2, and their associated ESP’s, were retired in 2018.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$265,008, which is \$909 or 0.3% higher than previously projected.

Capital - Project revenue requirements are estimated to be \$19,006,233, which is \$4,283,807, or 18.4% lower than previously projected. The variance is primarily due to the retirement of Martin Plant Units 1 and 2 in December of 2018.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$260,689.

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PROJECT DESCRIPTION AND PROGRESS**

Capital - Estimated project revenue requirements for the projection period are \$18,972,586.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: NPDES Permit Renewal Requirements

Project No. 47

Project Description:

The Federal Clean Water Act requires all point source discharges into navigable waters from industrial facilities to obtain permits under the NPDES program. See 33 U.S.C. Section 1342. Pursuant to the EPA's delegation of authority, the DEP implements the NPDES permitting program in Florida. Affected facilities are required to apply for renewal of the 5-year-duration NPDES permits prior to their expiration.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

The pilot test for the use of chlorine dioxide to replace sodium hypochlorite (bleach) as a biocide in the St. Lucie plant's cooling water system was scheduled to begin in November 2018, but was delayed until January 2019. In addition, the duration of the pilot study was extended through much of 2019 so the facility could visually inspect the plant's condensers to confirm effectiveness of the chlorine dioxide during an outage which will not occur until the fall of 2019. In addition, FPL, with assistance from a consultant, will utilize a DEP-approved mixing zone modeling program to determine a properly sized mixing zone to achieve compliance during periods of chlorine dioxide injection.

The Martin Plant NPDES Permit was not renewed in 2018 as was anticipated. The DEP has informed FPL that the new permit, which is now expected to be issued in 2019 and will contain a discharge limit for a new parameter, total ammonia as nitrogen ("TAN"). The DEP is aware the Martin Plant will not be able to meet the TAN limit for several of the facility's wastewater discharges without an administrative solution, such as a site-specific alternative criterion, or installation of a treatment system. FPL currently anticipates that the DEP will attach an Administrative Order to the NPDES Permit requiring the Martin Plant to achieve compliance with the TAN limit within 48 months of the permit issuance. A Plan of Study, which must be approved by DEP, will identify sources of ammonia in the cooling pond as well as the effluent from the cooling pond. FPL will conduct a feasibility study pursuant to a DEP-approved plan. Options for achieving the TAN limit will be ranked based on equal weighing of technical and economic feasibility. The highest ranking solution, which could be a technical solution, a regulatory moderating petition, or some combination thereof, must be implemented.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Also during 2019, FPL conducted Whole Effluent Toxicity Testing at its Cape Canaveral, Ft. Myers, Riviera and St. Lucie plants.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be estimated to be \$611,151, which is \$566,024 or 1,254.3% higher than previously projected. The variance is primarily due to the DEP-approved chlorine dioxide pilot test being delayed from 2018 to 2019 and extended until the next planned outage.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$81,154.

Capital - Estimated project revenue requirements for the projection period are \$27,667.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Industrial Boiler MACT Project

Project No. 48

Project Description:

40 CFR Part 63 Subpart JJJJ Final Rule for National Emission Standards for Hazardous Air Pollutants for Area Sources: Industrial, Commercial, and Institutional Boilers was published on March 21, 2011. In the EPA's final rule, it published notice that it intended to reconsider the major source rule, as well as the final rule establishing emissions standards for boilers located at area sources. (*See* 76 Fed. Reg.15266). FPL must complete energy audits, inspections and boiler tune-ups as well as comply with recordkeeping requirements for boilers and heaters that are subject to the rule.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

FPL's Industrial Boiler MACT project includes required boiler tuning for the affected units and one-time performance of a site energy audit for each site. FPL has performed required boiler tunings at FPL's Martin Fuel Oil Terminal and the auxiliary boilers at its Fort Myers, Lauderdale, Martin, and West County power generation facilities. The auxiliary boilers at FPL's Martin Fuel Oil Terminal were retired in April of 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$32,000, which is on target for 2019.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$32,500.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Thermal Discharge Standards Project

Project No. 49

Project Description:

FPL power plants with once-through cooling water systems that were built before July 1, 1972, must meet a “narrative” thermal standard found in Chapter 62-302.520(1) (a)-(c) F.A.C.

Facilities that cannot meet the DEP narrative standard for thermal discharges may apply for a “variance” (i.e. less stringent standards) under Section 316(a) of the Federal Clean Water Act. Section 316(a) ensures that thermal effluent limitations will assure protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife and provides that thermal dischargers can be granted less stringent alternate thermal limits than those imposed by a state program if the discharger can demonstrate that the current effluent limitations, based on water quality standards, are more stringent than necessary to protect the aquatic organisms in the receiving water body.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

There are no projected costs.

Project Projections:

(January 1, 2020 to December 31, 2020)

There are no projected costs.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Steam Electric Effluent Limitation Guidelines Revised Rule

Project No. 50

Project Description:

Title 40 Code of Federal Regulations Part 423, which was promulgated under the authority of the Federal Clean Water Act, limits the discharge of pollutants into navigable waters and into publicly owned treatment works by existing and new sources of steam electric power plants. The previous version of the Steam Electric Effluent Limitation Guidelines (“ELG”) Rule was published in the Federal Register on November 19, 1982. The renewed final ELG rule was promulgated and became effective on January 4, 2016. The ELG Rule requires facilities to be in compliance as soon as possible, but no later than 2023. In 2017 the EPA published a revised ELG Rule that postponed the earliest implementation of the ELG Rule to 2020. In May 2018 the EPA published a new plan for implementation of the ELG Rule, which could result in less stringent requirements. The EPA is reviewing the rule to determine if the strict requirements for treating or eliminating certain wastestreams are justified. A new draft ELG Rule is expected by mid-2019, with a new final rule expected to be in place by mid-2020.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

GPC, the operating agent for Plant Scherer, continued to conduct studies which looked at a number of possible technology solutions in an attempt to determine the costs for various methods of complying with the ELG Rule under assumptions presented in the proposed rule. Activities necessary to achieve compliance will continue as the revised Rule will be issued in 2020, which is currently the earliest compliance date for the Rule.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are \$188,100 versus an original estimate of \$0. The variance is associated with study-related costs, which were originally anticipated to be capitalized. Delays associated with the issuance of a final, revised Steam Electric Effluent Limitations Guidelines (“ELG”) Rule delayed capitalization.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Capital – Project revenue requirements are estimated to be \$10,373, which is \$21,247 or 67.2% lower than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - There are no projected costs.

Capital - Estimated project revenue requirements for the projection period are \$144,266.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Gopher Tortoise Relocation Project

Project No. 51

Project Description:

The gopher tortoise (*Gopherus polyphemus*) is a state-designated threatened species, per Rule 68A-27.003(1)(d)3, F.A.C. Gopher tortoises have been creating burrows in the cooling pond embankments at FPL's Martin, Manatee and Sanford plants over time, as well as in the oil tank farm embankments at Martin and Manatee plants. Gopher tortoise burrows must be inspected and then filled as necessary to ensure the integrity of the embankments. Filling burrows means that affected gopher tortoises must be relocated. In 2008, the FWC provided new gopher tortoise guidelines that have changed the permitting process for relocations. An authorized gopher tortoise agent is now required to conduct surveys and perform relocations, and all tortoises now must be sent to a recipient site.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

To date in 2019, no gopher tortoises have been discovered that would compromise the cooling pond embankments, requiring relocation. FPL will continue to monitor gopher tortoise activity throughout the year at Sanford, Martin, and Manatee plants' cooling ponds and the Manatee fuel oil storage terminal.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$25,649, which is on target for 2019.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projected period are \$25,649.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Numeric Nutrient Criteria

Project No. 52

Project Description:

The DEP drafted a Numeric Nutrient Criteria (“NNC”) rule on June 28, 2013, and the EPA accepted the state numeric and narrative standards for freshwaters. On September 26, 2013, the EPA accepted the DEP’s NNC standards for Florida’s estuaries. The Environmental Resource Council for the State of Florida adopted the proposed NNC for estuarine and coastal waters on December 1, 2014. The DEP submitted the final coastal criteria to the EPA in May of 2015. The DEP’s NNC rule has been implemented through NPDES Industrial Waste Water permit renewals to achieve the reduction of total nitrogen and total phosphorus discharges and loading in Florida freshwaters, estuarine and coastal waters.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

There was no activity in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M -There are no projected costs.

Project Projections:

(January 1, 2020 to December 31, 2020)

There are no projected costs for the projection period.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Coal Combustion Residuals – SJRPP and Scherer

Project No: 54

Project Description:

The final rule entitled, “Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals From Electric Utilities,” which became effective October 19, 2015, is found in 40 CFR Parts 257 and 261, regulates the disposal of coal combustion residuals (“CCR”) generated from the combustion of coal in new and existing impoundments and landfills at electric utilities and independent power producers.

The CCR rule established requirements for location, design, operation, safety, public disclosure and closure of CCR impoundments and landfills at electric utilities. Existing facilities that fail to meet the criteria including the location requirements or indications of groundwater impacts are required to cease receiving CCR in 6 months and initiate closure of the disposal unit.

The rule set specific schedules for implementation of each of the performance requirements including a groundwater monitoring system and detection monitoring plan, inspection, demonstration of compliance with location restrictions or no groundwater contact, development of the CCR unit closure plan and Professional Engineer inspections. While SJRPP was retired on January 5, 2018, the CCR rule compliance requirements for ash which was previously produced at the plant continues.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

SJRPP has completed evaluation of the landfill and determined that it is an unlined unit that meets the location restrictions. Additional wells have been installed to meet the groundwater monitoring requirements. GPC, as the Plant Scherer operating partner, has completed evaluation of the ash impoundment and determined that it is an unlined unit that meets the location description. Groundwater monitoring wells have been installed and initial background monitoring has begun. Ash water management facilities are under construction and expected to be placed in service in the 4th quarter of 2019. Feasibility studies are being conducted to determine the best approach to physical closure. Future landfill space is also being evaluated as replacement capacity will be required by late 2019 to replace the existing impoundment.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project expenditures are estimated to be \$261,852, which is \$72,828 or 21.8% lower than previously projected. The variance is primarily due to lower than projected expenditures by Southern Company associated with the Scherer Unit 4 dry bottom ash system.

Capital - Project revenue requirements are estimated to be \$7,340,599, which is \$1,307,040, or 21.7% higher than previously projected. The variance is primarily due to higher than projected engineering and construction costs associated with required wastewater treatment, and higher than projected quantities of concrete, steel, piping, and installation labor hours associated with waste management activities at Plant Scherer. These increases were partially offset by lower than projected costs associated with deferral of the landfill construction.

Project Projections:

(January 1, 2020 to December 31, 2020)

O&M - Estimated project costs for the projection period are \$1,600,768.

Capital - Estimated project revenue requirements for the projection period are \$9,404,214.

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

Project Title: Solar Site Avian Monitoring and Reporting

Project No. 55

Project Description:

Pursuant to the Development Review Committee Order DR-17-04 (“Order DR-17-04”) issued by the Alachua Department of Growth Management (“Alachua DGM”) on February 16, 2017, FPL is required to conduct avian mortality monitoring and report on the results of that monitoring as a permit condition for the Horizon Solar Energy Center (“HSEC”). FPL will be monitoring and reporting on avian mortality at FPL’s existing DeSoto solar photovoltaic (“PV”) facility (“DeSoto”), utilizing a protocol for avian monitoring at solar facilities that was developed in conjunction with the FWC. In order to accommodate the Alachua DGM’s desire for prompt results, FPL recommended that monitoring be conducted at DeSoto (an existing universal solar facility) because construction of HSEC had not been completed at the time the permit condition was imposed. Using a fully operational site helped FPL and FWC create the avian solar protocol and allowed FPL to conduct a necessary trial in 2017 for implementing the protocol. The Alachua DGM agreed that the data from DeSoto would be representative of future universal solar PV facilities located in Alachua County and required the monitoring be conducted at DeSoto as part of the Order DR-17-04.

Project Accomplishments:

(January 1, 2019 to December 31, 2019)

Pursuant to Order DR-17-04, FPL is required to conduct four seasons of avian mortality monitoring, including bias trials (carcass persistence and searcher efficiency), and must provide Alachua County an annual report with fatality estimates for birds. FPL started the standardized mortality monitoring in 2018 and concluded the monitoring in 2019.

Project Costs:

(January 1, 2019 to December 31, 2019)

O&M - Project costs are estimated to be \$113,162, which is \$9,669 or 9.3% more than previously projected.

Project Projections:

(January 1, 2020 to December 31, 2020)

**FLORIDA POWER & LIGHT COMPANY
PROJECT DESCRIPTION AND PROGRESS**

O&M - There are no projected costs for the projection period.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ENERGY DEMAND ALLOCATION % BY RATE CLASS

FORM: 42-6P

JANUARY 2020 THROUGH DECEMBER 2020													
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
RATE CLASS	Avg 12 CP Load Factor at Meter (%) ^(a)	Avg 12 GCP Load Factor at Meter (%) ^(b)	Projected Sales at Meter (KWH) ^(c)	Projected Avg 12 CP at Meter (KW) ^(d)	Projected Avg 12 GCP at Meter (KW) ^(e)	Demand Loss Expansion Factor ^(f)	Energy Loss Expansion Factor ^(g)	Projected Sales at Generation (KWH) ^(h)	Projected Avg 12 CP at Generation (kW) ⁽ⁱ⁾	Projected Avg 12 GCP Demand at Generation (kW) ^(j)	Percentage of KWH Sales at Generation (%) ^(k)	Percentage of 12 CP Demand at Generation (%) ^(l)	Percentage of 12 GCP Demand at Generation (%) ^(m)
RS1/RTR1	62.589%	59.703%	59,460,277,210	10,844,890	11,369,178	1.05968205	1.04536835	62,157,891,785	11,492,136	12,047,714	53.70564%	57.76011%	57.25296%
GS1/GST1	63.937%	60.646%	6,318,956,205	1,128,210	1,189,423	1.05968205	1.04536835	6,605,636,812	1,195,544	1,260,411	5.70740%	6.00887%	5.98971%
GSD1/GSDT1/HLFT1	72.046%	69.459%	27,177,649,229	4,306,235	4,466,596	1.05961769	1.04531916	28,409,317,428	4,562,963	4,732,884	24.54621%	22.93371%	22.49154%
OS2	166.456%	14.672%	11,404,137	782	8,873	1.03776783	1.02880687	11,732,654	812	9,208	0.01014%	0.00408%	0.04376%
GSLD1/GSLDT1/CS1/CST1/HLFT2	72.350%	67.537%	9,978,343,665	1,574,402	1,686,608	1.05887368	1.04479831	10,425,356,551	1,667,093	1,785,905	9.00771%	8.37890%	8.48695%
GSLD2/GSLDT2/CS2/CST2/HLFT3	86.886%	81.746%	2,567,503,407	337,333	358,541	1.05102316	1.03886422	2,667,287,415	354,544	376,835	2.30459%	1.78196%	1.79079%
GSLD3/GSLDT3/CS3/CST3	82.905%	74.263%	312,336,004	43,007	48,012	1.02272339	1.01738204	317,765,040	43,984	49,102	0.27456%	0.22107%	0.23334%
SST1T	102.028%	35.197%	83,436,125	9,335	27,061	1.02272339	1.01738204	84,886,415	9,547	27,676	0.07334%	0.04798%	0.13152%
SST1D1/SST1D2/SST1D3	59.719%	24.956%	2,044,616	391	935	1.04075563	1.03005290	2,106,063	407	973	0.00182%	0.00205%	0.00462%
CILC D/CILC G	87.093%	84.588%	2,684,992,306	351,929	362,353	1.05097974	1.03888173	2,789,389,451	369,870	380,825	2.41009%	1.85899%	1.80975%
CILC T	93.902%	85.660%	1,372,501,622	166,852	182,906	1.02272339	1.01738204	1,396,358,496	170,644	187,063	1.20648%	0.85767%	0.88896%
MET	78.120%	68.558%	80,453,173	11,756	13,396	1.03776783	1.02880687	82,770,777	12,200	13,902	0.07152%	0.06132%	0.06606%
OL1/SL1/SL1M/PL1	12,054.711%	49.046%	625,271,399	592	145,532	1.05968205	1.04536835	653,638,930	627	154,218	0.56476%	0.00315%	0.73287%
SL2/SL2M/GSCU1	97.212%	95.466%	128,154,944	15,049	15,324	1.05968205	1.04536835	133,969,122	15,947	16,239	0.11575%	0.08015%	0.07717%
Total			110,803,324,042	18,790,763	19,874,739			115,738,106,939	19,896,318	21,042,955	100.00000%	100.00000%	100.00000%

^(a) Projected Avg 12 CP load factor based on 2016-2018 load research data and 2020 projections

^(b) Projected Avg 12 GCP load factor based on 2016-2018 load research data and 2020 projections

^(c) Projected KWH sales for the period January 2020 through December 2020

^(d) Calculated: (Col 4)/(8,760 * Col 2)

^(e) Calculated: (Col 4)/(8,760 * Col 3)

^(f) Based on 2020 demand losses

^(g) Based on 2020 energy losses

^(h) Col 4 * Col 8

⁽ⁱ⁾ Col 5 * Col 7

^(j) Col 6 * Col 7

^(k) Col 9 / Total for Col 9

^(l) Col 10 / Total for Col 10

^(m) Col 11 / Total for Col 11

FLORIDA POWER LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF ENVIRONMENTAL COST RECOVERY CLAUSE FACTORS

FORM 42-7P

JANUARY 2020 THROUGH DECEMBER 2020									
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
RATE CLASS	Percentage of kWh Sales at Generation (%) ^(a)	Percentage of 12 CP Demand at Generation (%) ^(b)	Percentage of GCP Demand at Generation (%) ^(c)	Energy Related Cost (\$) ^(d)	CP Demand Related Cost (\$) ^(e)	GCP Demand Related Cost (\$) ^(f)	Total Environmental Costs (\$) ^(g)	Projected Sales at Meter (kWh) ^(h)	ECRC Factor (cents/kWh) ⁽ⁱ⁾
RS1/RTR1	53.70564%	57.76011%	57.25296%	\$18,938,110	\$71,899,765	\$1,266,033	\$92,103,908	59,460,277,210	0.155
GS1/GST1	5.70740%	6.00887%	5.98971%	\$2,012,589	\$7,479,839	\$132,450	\$9,624,878	6,318,956,205	0.152
GSD1/GSDT1/HLFT1	24.54621%	22.93371%	22.49154%	\$8,655,679	\$28,547,867	\$497,355	\$37,700,901	27,177,649,229	0.139
OS2	0.01014%	0.00408%	0.04376%	\$3,575	\$5,080	\$968	\$9,623	11,404,137	0.084
GSLD1/GSLDT1/CS1/CST1/HLFT2	9.00771%	8.37890%	8.48695%	\$3,176,371	\$10,430,054	\$187,672	\$13,794,097	9,978,343,665	0.138
GSLD2/GSLDT2/CS2/CST2/HLFT3	2.30459%	1.78196%	1.79079%	\$812,662	\$2,218,180	\$39,600	\$3,070,442	2,567,503,407	0.120
GSLD3/GSLDT3/CS3/CST3	0.27456%	0.22107%	0.23334%	\$96,816	\$275,183	\$5,160	\$377,159	312,336,004	0.121
SST1T	0.07334%	0.04798%	0.13152%	\$25,863	\$59,730	\$2,908	\$88,501	83,436,125	0.106
SST1D1/SST1D2/SST1D3	0.00182%	0.00205%	0.00462%	\$642	\$2,546	\$102	\$3,290	2,044,616	0.161
CILC D/CILC G	2.41009%	1.85899%	1.80975%	\$849,864	\$2,314,066	\$40,019	\$3,203,950	2,684,992,306	0.119
CILC T	1.20648%	0.85767%	0.88896%	\$425,439	\$1,067,623	\$19,657	\$1,512,719	1,372,501,622	0.110
MET	0.07152%	0.06132%	0.06606%	\$25,218	\$76,328	\$1,461	\$103,008	80,453,173	0.128
OL1/SL1/SL1M/PL1	0.56476%	0.00315%	0.73287%	\$199,149	\$3,923	\$16,206	\$219,278	625,271,399	0.035
SL2/SL2M/GSCU1	0.11575%	0.08015%	0.07717%	\$40,817	\$99,771	\$1,706	\$142,295	128,154,944	0.111
TOTAL				\$35,262,795	\$124,479,956	\$2,211,297	\$161,954,048	110,803,324,042	0.146

^(a) From Form 42-6P, Col 12

^(b) From Form 42-6P, Col 13

^(c) From Form 42-6P, Col 14

^(d) Total Energy \$ from Form 42-1P, Line 5

^(e) Total CP Demand \$ from Form 42-1P, Line 5

^(f) Total GCP Demand \$ from Form 42-1P, Line 5

^(g) Col 5 + Col 6 + Col 7

^(h) Projected kWh sales for the period January 2020 through December 2020

⁽ⁱ⁾ Col 8 / Col 9

FLORIDA POWER & LIGHT COMPANY
COST RECOVERY CLAUSES

FORM 42-8P

CAPITAL STRUCTURE AND COST RATES PER MAY 2019 EARNINGS SURVEILLANCE REPORT					
Equity @ 10.55%					
	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	10,490,880,245	28.119%	4.44%	1.25%	1.25%
SHORT_TERM_DEBT	669,988,433	1.796%	3.62%	0.06%	0.06%
PREFERRED_STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER_DEPOSITS	403,097,747	1.080%	2.11%	0.02%	0.02%
COMMON_EQUITY	17,554,936,062	47.053%	10.55%	4.96%	6.65%
DEFERRED_INCOME_TAX	7,870,776,333	21.096%	0.00%	0.00%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	319,453,350	0.856%	8.26%	0.07%	0.09%
TOTAL	\$37,309,132,171	100.00%		6.37%	8.08%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)					
	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	\$10,490,880,245	37.41%	4.441%	1.661%	1.661%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	17,554,936,062	62.59%	10.550%	6.604%	8.846%
TOTAL	\$28,045,816,308	100.00%		8.265%	10.507%
RATIO					

DEBT COMPONENTS:

LONG TERM DEBT	1.2488%
SHORT TERM DEBT	0.0649%
CUSTOMER DEPOSITS	0.0228%
TAX CREDITS -WEIGHTED	0.0142%
TOTAL DEBT	1.3507%

EQUITY COMPONENTS:

PREFERRED STOCK	0.0000%
COMMON EQUITY	4.9641%
TAX CREDITS -WEIGHTED	0.0565%
TOTAL EQUITY	5.0206%
TOTAL	6.3713%
PRE-TAX EQUITY	6.7251%
PRE-TAX TOTAL	8.0758%

Note:

(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

2020 PROJECTED SEPARATION FACTORS

SUMMARY

DEMAND

FPL101 - Transmission	0.899387
FPL102 - Non-Stratified Production	0.957922
FPL103INT - Intermediate Strata Production	0.941569
FPL103PEAK - Peaking Strata Production	0.950455

ENERGY

FPL201 - Total Sales	0.950640
FPL202 - Non-Stratified Sales	0.958799
FPL203INT - Intermediate Strata Sales	0.942430
FPL203PEAK - Peaking Strata Sales	0.951325

GENERAL PLANT

I900 - LABOR	0.969124
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FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL101 - TRANSMISSION: 12CP Demand
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	12 CP - KW	VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW				% OF TOTAL	
	@ METER	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	338,117	0.0000	0.4124	0.5876	1.0227	1.0378	1.0597	0	144,722	210,518	355,240	1.6058%	1.7855%
CILC-1G	13,812	0.0000	0.0216	0.9784	1.0227	1.0378	1.0597	0	310	14,320	14,630	0.0661%	0.0735%
CILC-1T	166,852	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	170,644	0	0	170,644	0.7714%	0.8577%
GS(T)-1	1,128,210	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	1,195,544	1,195,544	5.4043%	6.0089%
GSCU-1	11,416	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	12,097	12,097	0.0547%	0.0608%
GSD(T)-1	4,306,235	0.0000	0.0029	0.9971	1.0227	1.0378	1.0597	0	13,125	4,549,837	4,562,963	20.6263%	22.9337%
GSLD(T)-1	1,574,402	0.0000	0.0369	0.9631	1.0227	1.0378	1.0597	0	60,270	1,606,823	1,667,093	7.5359%	8.3789%
GSLD(T)-2	337,333	0.0000	0.3951	0.6049	1.0227	1.0378	1.0597	0	138,323	216,221	354,544	1.6027%	1.7820%
GSLD(T)-3	43,007	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	43,984	0	0	43,984	0.1988%	0.2211%
MET	11,756	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	12,200	0	12,200	0.0552%	0.0613%
OL-1	79	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	84	84	0.0004%	0.0004%
OS-2	782	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	812	0	812	0.0037%	0.0041%
RS(T)-1	10,844,890	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	11,492,136	11,492,136	51.9487%	57.7601%
SL-1	446	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	473	473	0.0021%	0.0024%
SL-1M	67	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	70	70	0.0003%	0.0004%
SL-2	3,546	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	3,758	3,758	0.0170%	0.0189%
SL-2M	87	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	92	92	0.0004%	0.0005%
SST-DST	391	0.0000	0.8637	0.1363	1.0227	1.0378	1.0597	0	350	56	407	0.0018%	0.0020%
SST-TST	9,335	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	9,547	0	0	9,547	0.0432%	0.0480%
TOTAL RETAIL	18,790,763							224,175	370,113	19,302,030	19,896,318	89.9387%	100.0000%
FKEC	124,145	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	126,966	0	0	126,966	0.5739%	
FPUC (INT)	13,177	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	13,476	0	0	13,476	0.0609%	
FPUC (PEAK)	14,405	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	14,733	0	0	14,733	0.0666%	
HOMESTEAD (INT)	4,400	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	4,500	0	0	4,500	0.0203%	
LCEC	717,529	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	733,834	0	0	733,834	3.3172%	
MOORE HAVEN	570	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	583	0	0	583	0.0026%	
NEW SMRYNA BCH	7,333	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	7,500	0	0	7,500	0.0339%	
NEW SMRYNA BCH (INT)	4,889	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	5,000	0	0	5,000	0.0226%	
NEW SMRYNA BCH (PEAK)	8,963	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	9,167	0	0	9,167	0.0414%	
QUINCY	3,096	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	3,167	0	0	3,167	0.0143%	
SEMINOLE (INT)	195,556	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	200,000	0	0	200,000	0.9041%	
WAUCHULA	1,874	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	1,917	0	0	1,917	0.0087%	
WINTER PARK	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
TRANS-SERV	1,080,379	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	1,104,929	0	0	1,104,929	4.9947%	
TOTAL WHOLESALE	2,176,318							2,225,771	0	0	2,225,771	10.0613%	
TOTAL FPL	20,967,081							2,449,947	370,113	19,302,030	22,122,089	100.0000%	
JURIS SEPARATION FACTOR												0.899387	

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL102 - NON-STRATIFIED PRODUCTION: 12CP Demand
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW				% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	338,117	0	338,117	0.0000	0.4124	0.5876	1.0227	1.0378	1.0597	0	144,722	210,518	355,240	1.7103%	1.7855%
CILC-1G	13,812	0	13,812	0.0000	0.0216	0.9784	1.0227	1.0378	1.0597	0	310	14,320	14,630	0.0704%	0.0735%
CILC-1T	166,852	0	166,852	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	170,644	0	0	170,644	0.8216%	0.8577%
GS(T)-1	1,128,210	0	1,128,210	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	1,195,544	1,195,544	5.7560%	6.0089%
GSCU-1	11,416	0	11,416	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	12,097	12,097	0.0582%	0.0608%
GSD(T)-1	4,306,235	0	4,306,235	0.0000	0.0029	0.9971	1.0227	1.0378	1.0597	0	13,125	4,549,837	4,562,963	21.9687%	22.9337%
GSLD(T)-1	1,574,402	0	1,574,402	0.0000	0.0369	0.9631	1.0227	1.0378	1.0597	0	60,270	1,606,823	1,667,093	8.0263%	8.3789%
GSLD(T)-2	337,333	0	337,333	0.0000	0.3951	0.6049	1.0227	1.0378	1.0597	0	138,323	216,221	354,544	1.7070%	1.7820%
GSLD(T)-3	43,007	0	43,007	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	43,984	0	0	43,984	0.2118%	0.2211%
MET	11,756	0	11,756	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	12,200	0	12,200	0.0587%	0.0613%
OL-1	79	0	79	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	84	84	0.0004%	0.0004%
OS-2	782	0	782	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	812	0	812	0.0039%	0.0041%
RS(T)-1	10,844,890	0	10,844,890	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	11,492,136	11,492,136	55.3297%	57.7601%
SL-1	446	0	446	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	473	473	0.0023%	0.0024%
SL-1M	67	0	67	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	70	70	0.0003%	0.0004%
SL-2	3,546	0	3,546	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	3,758	3,758	0.0181%	0.0189%
SL-2M	87	0	87	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	92	92	0.0004%	0.0005%
SST-DST	391	0	391	0.0000	0.8637	0.1363	1.0227	1.0378	1.0597	0	350	56	407	0.0020%	0.0020%
SST-TST	9,335	0	9,335	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	9,547	0	0	9,547	0.0460%	0.0480%
TOTAL RETAIL	18,790,763	0	18,790,763							224,175	370,113	19,302,030	19,896,318	95.7922%	100.0000%
FKEC	124,145	0	124,145	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	126,966	0	0	126,966	0.6113%	
FPUC (INT)	13,177	(13,177)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
FPUC (PEAK)	14,405	(14,405)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
HOMESTEAD (INT)	4,400	(4,400)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
LCEC	717,529	0	717,529	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	733,834	0	0	733,834	3.5331%	
MOORE HAVEN	570	0	570	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	583	0	0	583	0.0028%	
NEW SMRYNA BCH	7,333	0	7,333	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	7,500	0	0	7,500	0.0361%	
NEW SMRYNA BCH (PEAK)	8,963	(8,963)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
NEW SMRYNA BCH (INT)	4,889	(4,889)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
QUINCY	3,096	0	3,096	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	3,167	0	0	3,167	0.0152%	
SEMINOLE (INT)	195,556	(195,556)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
WAUCHULA	1,874	0	1,874	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	1,917	0	0	1,917	0.0092%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,095,939	(241,390)	854,548							873,966	0	0	873,966	4.2078%	
TOTAL FPL	19,886,702	(241,390)	19,645,311							1,098,142	370,113	19,302,030	20,770,284	100.0000%	
JURIS SEPARATION FACTOR														0.957922	

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL103INT - INTERMEDIATE STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	338,117	0	338,117	0.0000	0.4124	0.5876	1.0227	1.0378	1.0597	0	144,722	210,518	355,240	355,240	1.6811%	1.7855%
CILC-1G	13,812	0	13,812	0.0000	0.0216	0.9784	1.0227	1.0378	1.0597	0	310	14,320	14,630	14,630	0.0692%	0.0735%
CILC-1T	166,852	0	166,852	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	170,644	0	0	170,644	170,644	0.8076%	0.8577%
GS(T)-1	1,128,210	0	1,128,210	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	1,195,544	1,195,544	1,195,544	5.6578%	6.0089%
GSCU-1	11,416	0	11,416	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	12,097	12,097	12,097	0.0572%	0.0608%
GSD(T)-1	4,306,235	0	4,306,235	0.0000	0.0029	0.9971	1.0227	1.0378	1.0597	0	13,125	4,549,837	4,562,963	4,562,963	21.5937%	22.9337%
GSLD(T)-1	1,574,402	0	1,574,402	0.0000	0.0369	0.9631	1.0227	1.0378	1.0597	0	60,270	1,606,823	1,667,093	1,667,093	7.8893%	8.3789%
GSLD(T)-2	337,333	0	337,333	0.0000	0.3951	0.6049	1.0227	1.0378	1.0597	0	138,323	216,221	354,544	354,544	1.6778%	1.7820%
GSLD(T)-3	43,007	0	43,007	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	43,984	0	0	43,984	43,984	0.2081%	0.2211%
MET	11,756	0	11,756	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	12,200	0	12,200	12,200	0.0577%	0.0613%
OL-1	79	0	79	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	84	84	84	0.0004%	0.0004%
OS-2	782	0	782	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	812	0	812	812	0.0038%	0.0041%
RS(T)-1	10,844,890	0	10,844,890	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	11,492,136	11,492,136	11,492,136	54.3851%	57.7601%
SL-1	446	0	446	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	473	473	473	0.0022%	0.0024%
SL-1M	67	0	67	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	70	70	70	0.0003%	0.0004%
SL-2	3,546	0	3,546	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	3,758	3,758	3,758	0.0178%	0.0189%
SL-2M	87	0	87	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	92	92	92	0.0004%	0.0005%
SST-DST	391	0	391	0.0000	0.8637	0.1363	1.0227	1.0378	1.0597	0	350	56	407	407	0.0019%	0.0020%
SST-TST	9,335	0	9,335	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	9,547	0	0	9,547	9,547	0.0452%	0.0480%
TOTAL RETAIL	18,790,763	0	18,790,763							224,175	370,113	19,302,030	19,896,318	19,896,318	94.1569%	100.0000%
FKEC	124,145	0	124,145	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	126,966	0	0	126,966	126,966	0.6009%	
FPUC (INT)	13,177	0	13,177	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	13,476	0	0	13,476	21,803	0.1032%	
FPUC (PEAK)	14,405	(14,405)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
HOMESTEAD (INT)	4,400	0	4,400	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	4,500	0	0	4,500	7,281	0.0345%	
LCEC	717,529	0	717,529	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	733,834	0	0	733,834	733,834	3.4728%	
MOORE HAVEN	570	0	570	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	583	0	0	583	583	0.0028%	
NEW SMRYNA BCH	7,333	0	7,333	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	7,500	0	0	7,500	7,500	0.0355%	
NEW SMRYNA BCH (PEAK)	8,963	(8,963)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
NEW SMRYNA BCH (INT)	4,889	0	4,889	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	5,000	0	0	5,000	8,089	0.0383%	
QUINCY	3,096	0	3,096	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	3,167	0	0	3,167	3,167	0.0150%	
SEMINOLE (INT)	195,556	0	195,556	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	200,000	0	0	200,000	323,579	1.5313%	
WAUCHULA	1,874	0	1,874	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	1,917	0	0	1,917	1,917	0.0091%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,095,939	(23,368)	1,072,570							1,096,943	0	0	1,096,943	1,234,718	5.8431%	
TOTAL FPL	19,886,702	(23,368)	19,863,333							1,321,118	370,113	19,302,030	20,993,261	21,131,036	100.0000%	
JURIS SEPARATION FACTOR																0.941569

Contract Adjusted 12CP @ Generation -

- 1) Contract Wholesale Customer 12 CP
 - 2) Intermediate System Capacity Net of Reserve Margin
 - Intermediate Summer Capacity
 - Divide By: System Capacity Including Reserve Margin (Calculation)
 - Intermediate System Capacity Net of Reserve Margin
 - Contract Wholesale Customer Contribution to Intermediate System Capacity Net of Reserve Margin
 - 3) Contract Adjusted 12CP @ Generation
 - Total System 12CP Excluding All Stratified Contracts
 - Contribution (Excluding Intermediate Stratified Contracts) to Other Production System Capacity Net of Reserve Margin
 - Total System 12CP Including Intermediate Stratified Contracts
- Contract Adjusted 12CP @ Generation**

Line No.	Source/Formula	FPUC (INT) Amount	HOMESTEAD (INT) Amount	NS BEACH (INT) Amount	SEMINOLE (INT) Amount
1	Contracted Demand	13,476	4,500	5,000	200,000
2					
3	2019-2028 TYSP	15,673,000	15,673,000	15,673,000	15,673,000
4		120.0%	120.0%	120.0%	120.0%
5	L3 / L4	13,060,833	13,060,833	13,060,833	13,060,833
6	L1 / L5	0.001032	0.000345	0.000383	0.015313
7					
8		20,770,284	20,770,284	20,770,284	20,770,284
9	1 - Sum L6	0.98293	0.98293	0.98293	0.98293
10	L8 / L9	21,131,036	21,131,036	21,131,036	21,131,036
11	L6 * L11	21,803	7,281	8,089	323,579

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL103PK - PEAKING STRATA PRODUCTION (CONTRACT ADJUSTED): 12CP Demand
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	12 CP - KW			VOLTAGE LEVEL % - DEMAND			LOSS EXPANSION FACTORS			12 CP @ GENERATION - KW					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	338,117	0	338,117	0.0000	0.4124	0.5876	1.0227	1.0378	1.0597	0	144,722	210,518	355,240	355,240	1.6970%	1.7855%
CILC-1G	13,812	0	13,812	0.0000	0.0216	0.9784	1.0227	1.0378	1.0597	0	310	14,320	14,630	14,630	0.0699%	0.0735%
CILC-1T	166,852	0	166,852	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	170,644	0	0	170,644	170,644	0.8152%	0.8577%
GS(T)-1	1,128,210	0	1,128,210	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	1,195,544	1,195,544	1,195,544	5.7112%	6.0089%
GSCU-1	11,416	0	11,416	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	12,097	12,097	12,097	0.0578%	0.0608%
GSD(T)-1	4,306,235	0	4,306,235	0.0000	0.0029	0.9971	1.0227	1.0378	1.0597	0	13,125	4,549,837	4,562,963	4,562,963	21.7975%	22.9337%
GSLD(T)-1	1,574,402	0	1,574,402	0.0000	0.0369	0.9631	1.0227	1.0378	1.0597	0	60,270	1,606,823	1,667,093	1,667,093	7.9638%	8.3789%
GSLD(T)-2	337,333	0	337,333	0.0000	0.3951	0.6049	1.0227	1.0378	1.0597	0	138,323	216,221	354,544	354,544	1.6937%	1.7820%
GSLD(T)-3	43,007	0	43,007	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	43,984	0	0	43,984	43,984	0.2101%	0.2211%
MET	11,756	0	11,756	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	12,200	0	12,200	12,200	0.0583%	0.0613%
OL-1	79	0	79	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	84	84	84	0.0004%	0.0004%
OS-2	782	0	782	0.0000	1.0000	0.0000	1.0227	1.0378	1.0597	0	812	0	812	812	0.0039%	0.0041%
RS(T)-1	10,844,890	0	10,844,890	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	11,492,136	11,492,136	11,492,136	54.8984%	57.7601%
SL-1	446	0	446	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	473	473	473	0.0023%	0.0024%
SL-1M	67	0	67	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	70	70	70	0.0003%	0.0004%
SL-2	3,546	0	3,546	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	3,758	3,758	3,758	0.0179%	0.0189%
SL-2M	87	0	87	0.0000	0.0000	1.0000	1.0227	1.0378	1.0597	0	0	92	92	92	0.0004%	0.0005%
SST-DST	391	0	391	0.0000	0.8637	0.1363	1.0227	1.0378	1.0597	0	350	56	407	407	0.0019%	0.0020%
SST-TST	9,335	0	9,335	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	9,547	0	0	9,547	9,547	0.0456%	0.0480%
TOTAL RETAIL	18,790,763	0	18,790,763							224,175	370,113	19,302,030	19,896,318	19,896,318	95.0455%	100.0000%
FKEC	124,145	0	124,145	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	126,966	0	0	126,966	126,966	0.6065%	
FPUC (INT)	13,177	(13,177)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
FPUC (PEAK)	14,405	0	14,405	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	14,733	0	0	14,733	100,595	0.4805%	
HOMESTEAD (INT)	4,400	(4,400)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
LCEC	717,529	0	717,529	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	733,834	0	0	733,834	733,834	3.5056%	
MOORE HAVEN	570	0	570	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	583	0	0	583	583	0.0028%	
NEW SMRYNA BCH	7,333	0	7,333	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	7,500	0	0	7,500	7,500	0.0358%	
NEW SMRYNA BCH (PEAK)	8,963	0	8,963	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	9,167	0	0	9,167	62,590	0.2990%	
NEW SMRYNA BCH (INT)	4,889	(4,889)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
QUINCY	3,096	0	3,096	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	3,167	0	0	3,167	3,167	0.0151%	
SEMINOLE (INT)	195,556	(195,556)	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
WAUCHULA	1,874	0	1,874	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	1,917	0	0	1,917	1,917	0.0092%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0227	1.0378	1.0597	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	1,095,939	(218,022)	877,917							897,866	0	0	897,866	1,037,151	4.9545%	
TOTAL FPL	19,886,702	(218,022)	19,668,680							1,122,041	370,113	19,302,030	20,794,184	20,933,469	100.0000%	
JURIS SEPARATION FACTOR															0.950455	

Contract Adjusted 12CP @ Generation -

- 1) Contract Wholesale Customer 12 CP
- 2) Peaking System Capacity Net of Reserve Margin
 - Peaking Summer Capacity
 - Divide By: System Capacity Including Reserve Margin (Calculation)
 - Peaking System Capacity Net of Reserve Margin
- Contract Wholesale Customer Contribution to Intermediate System Capacity Net of Reserve Margin
- 3) Contract Adjusted 12CP @ Generation
 - Total System 12CP Excluding All Stratified Contracts
 - Contribution (Excluding Peaking Stratified Contracts) to Other Production System Capacity Net of Reserve Margin
 - Total System 12CP Including Intermediate Stratified Contracts
- Contract Adjusted 12CP @ Generation**

Line No.	Source/Formulas	NS BEACH (PEAK)	
		FPUC (PEAK) Amount	(PEAK) Amount
1	Contracted Demand	14,733	9,167
2			
3	2019-2027 TYS8	3,679,000	3,679,000
4		120.0%	120.0%
5	L3 / L4	3,065,833	3,065,833
6	L1 / L5	0.00481	0.00299
7			
8		20,770,284	20,770,284
9	1 - Sum L6	0.99220	0.99220
10	L8 / L9	20,933,469	20,933,469
11	L6 * L11	100,595	62,590

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL201 - TOTAL SALES: Total Annual Energy
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	MWH SALES	VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION				% OF TOTAL	
	@ METER	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	2,581,432	0.0000	0.4066	0.5934	1.0174	1.0288	1.0454	0	1,079,747	1,601,418	2,681,165	2.2022%	2.3166%
CILC-1G	103,561	0.0000	0.0204	0.9796	1.0174	1.0288	1.0454	0	2,175	106,049	108,224	0.0889%	0.0935%
CILC-1T	1,372,502	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	1,396,358	0	0	1,396,358	1.1469%	1.2065%
GS(T)-1	6,318,956	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	6,605,637	6,605,637	5.4257%	5.7074%
GSCU-1	96,877	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	101,272	101,272	0.0832%	0.0875%
GSD(T)-1	27,177,649	0.0000	0.0030	0.9970	1.0174	1.0288	1.0454	0	83,046	28,326,271	28,409,317	23.3346%	24.5462%
GSLD(T)-1	9,978,344	0.0000	0.0344	0.9656	1.0174	1.0288	1.0454	0	353,347	10,072,010	10,425,357	8.5631%	9.0077%
GSLD(T)-2	2,567,503	0.0000	0.3927	0.6073	1.0174	1.0288	1.0454	0	1,037,373	1,629,914	2,667,287	2.1908%	2.3046%
GSLD(T)-3	312,336	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	317,765	0	0	317,765	0.2610%	0.2746%
MET	80,453	0.0000	1.0000	0.0000	1.0174	1.0288	1.0454	0	82,771	0	82,771	0.0680%	0.0715%
OL-1	95,120	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	99,436	99,436	0.0817%	0.0859%
OS-2	11,404	0.0000	1.0000	0.0000	1.0174	1.0288	1.0454	0	11,733	0	11,733	0.0096%	0.0101%
RS(T)-1	59,460,277	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	62,157,892	62,157,892	51.0547%	53.7056%
SL-1	524,215	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	547,998	547,998	0.4501%	0.4735%
SL-1M	5,936	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	6,205	6,205	0.0051%	0.0054%
SL-2	30,285	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	31,659	31,659	0.0260%	0.0274%
SL-2M	993	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	1,038	1,038	0.0009%	0.0009%
SST-DST	2,045	0.0000	0.9248	0.0752	1.0174	1.0288	1.0454	0	1,945	161	2,106	0.0017%	0.0018%
SST-TST	83,436	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	84,886	0	0	84,886	0.0697%	0.0733%
TOTAL RETAIL	110,803,324							1,799,010	2,652,137	111,286,960	115,738,107	95.0640%	100.0000%
FKEC	719,692	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	732,201	0	0	732,201	0.6014%	
FPUC (INT)	79,797	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	81,184	0	0	81,184	0.0667%	
FPUC (PEAK)	75,696	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	77,012	0	0	77,012	0.0633%	
HOMESTEAD (INT)	216	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	220	0	0	220	0.0002%	
LCEC	4,168,148	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	4,240,599	0	0	4,240,599	3.4831%	
MOORE HAVEN	28	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	28	0	0	28	0.0000%	
NEW SMRYNA BCH	360	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	366	0	0	366	0.0003%	
NEW SMRYNA BCH (INT)	240	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	244	0	0	244	0.0002%	
NEW SMRYNA BCH (PEAK)	12,120	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	12,331	0	0	12,331	0.0101%	
QUINCY	152	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	155	0	0	155	0.0001%	
SEMINOLE (INT)	850,206	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	864,984	0	0	864,984	0.7105%	
WAUCHULA	92	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	94	0	0	94	0.0001%	
WINTER PARK	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
TOTAL WHOLESALE	5,906,747							6,009,419	0	0	6,009,419	4.9360%	
TOTAL FPL	116,710,072							7,808,429	2,652,137	111,286,960	121,747,526	100.0000%	
JURIS SEPARATION FACTOR												0.950640	

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL202 - NON-STRATIFIED SALES: Total Annual Energy
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	MWH SALES			VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION				% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	SYSTEM	RETAIL
CILC-1D	2,581,432	0	2,581,432	0.0000	0.4066	0.5934	1.0174	1.0288	1.0454	0	1,079,747	1,601,418	2,681,165	2.2211%	2.3166%
CILC-1G	103,561	0	103,561	0.0000	0.0204	0.9796	1.0174	1.0288	1.0454	0	2,175	106,049	108,224	0.0897%	0.0935%
CILC-1T	1,372,502	0	1,372,502	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	1,396,358	0	0	1,396,358	1.1568%	1.2065%
GS(T)-1	6,318,956	0	6,318,956	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	6,605,637	6,605,637	5.4722%	5.7074%
GSCU-1	96,877	0	96,877	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	101,272	101,272	0.0839%	0.0875%
GSD(T)-1	27,177,649	0	27,177,649	0.0000	0.0030	0.9970	1.0174	1.0288	1.0454	0	83,046	28,326,271	28,409,317	23.5349%	24.5462%
GSLD(T)-1	9,978,344	0	9,978,344	0.0000	0.0344	0.9656	1.0174	1.0288	1.0454	0	353,347	10,072,010	10,425,357	8.6366%	9.0077%
GSLD(T)-2	2,567,503	0	2,567,503	0.0000	0.3927	0.6073	1.0174	1.0288	1.0454	0	1,037,373	1,629,914	2,667,287	2.2096%	2.3046%
GSLD(T)-3	312,336	0	312,336	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	317,765	0	0	317,765	0.2632%	0.2746%
MET	80,453	0	80,453	0.0000	1.0000	0.0000	1.0174	1.0288	1.0454	0	82,771	0	82,771	0.0686%	0.0715%
OL-1	95,120	0	95,120	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	99,436	99,436	0.0824%	0.0859%
OS-2	11,404	0	11,404	0.0000	1.0000	0.0000	1.0174	1.0288	1.0454	0	11,733	0	11,733	0.0097%	0.0101%
RS(T)-1	59,460,277	0	59,460,277	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	62,157,892	62,157,892	51.4929%	53.7056%
SL-1	524,215	0	524,215	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	547,998	547,998	0.4540%	0.4735%
SL-1M	5,936	0	5,936	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	6,205	6,205	0.0051%	0.0054%
SL-2	30,285	0	30,285	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	31,659	31,659	0.0262%	0.0274%
SL-2M	993	0	993	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	1,038	1,038	0.0009%	0.0009%
SST-DST	2,045	0	2,045	0.0000	0.9248	0.0752	1.0174	1.0288	1.0454	0	1,945	161	2,106	0.0017%	0.0018%
SST-TST	83,436	0	83,436	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	84,886	0	0	84,886	0.0703%	0.0733%
TOTAL RETAIL	110,803,324	0	110,803,324							1,799,010	2,652,137	111,286,960	115,738,107	95.8799%	100.0000%
FKEC	719,692	0	719,692	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	732,201	0	0	732,201	0.6066%	
FPUC (INT)	79,797	(79,797)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
FPUC (PEAK)	75,696	(75,696)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
HOMESTEAD (INT)	216	(216)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
LCEC	4,168,148	0	4,168,148	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	4,240,599	0	0	4,240,599	3.5130%	
MOORE HAVEN	28	0	28	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	28	0	0	28	0.0000%	
NEW SMRYNA BCH	360	0	360	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	366	0	0	366	0.0003%	
NEW SMRYNA BCH (PEAK)	12,120	(12,120)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
NEW SMRYNA BCH (INT)	240	(240)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
QUINCY	152	0	152	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	155	0	0	155	0.0001%	
SEMINOLE (INT)	850,206	(850,206)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
WAUCHULA	92	0	92	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	94	0	0	94	0.0001%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0.0000%	
TOTAL WHOLESALE	5,906,747	(1,018,276)	4,888,472							4,973,443	0	0	4,973,443	4.1201%	
TOTAL FPL	116,710,072	(1,018,276)	115,691,796							6,772,453	2,652,137	111,286,960	120,711,550	100.0000%	
JURIS SEPARATION FACTOR														0.958799	

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL203INT - INTERMEDIATE STRATA SALES (CONTRACT ADJUSTED): Total Annual Energy
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	MWH SALES			VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	2,581,432	0	2,581,432	0.0000	0.4066	0.5934	1.0174	1.0288	1.0454	0	1,079,747	1,601,418	2,681,165	2,681,165	2.1832%	2.3166%
CILC-1G	103,561	0	103,561	0.0000	0.0204	0.9796	1.0174	1.0288	1.0454	0	2,175	106,049	108,224	108,224	0.0881%	0.0935%
CILC-1T	1,372,502	0	1,372,502	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	1,396,358	0	0	1,396,358	1,396,358	1.1370%	1.2065%
GS(T)-1	6,318,956	0	6,318,956	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	6,605,637	6,605,637	6,605,637	5.3788%	5.7074%
GSCU-1	96,877	0	96,877	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	101,272	101,272	101,272	0.0825%	0.0875%
GSD(T)-1	27,177,649	0	27,177,649	0.0000	0.0030	0.9970	1.0174	1.0288	1.0454	0	83,046	28,326,271	28,409,317	28,409,317	23.1331%	24.5462%
GSLD(T)-1	9,978,344	0	9,978,344	0.0000	0.0344	0.9656	1.0174	1.0288	1.0454	0	353,347	10,072,010	10,425,357	10,425,357	8.4891%	9.0077%
GSLD(T)-2	2,567,503	0	2,567,503	0.0000	0.3927	0.6073	1.0174	1.0288	1.0454	0	1,037,373	1,629,914	2,667,287	2,667,287	2.1719%	2.3046%
GSLD(T)-3	312,336	0	312,336	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	317,765	0	0	317,765	317,765	0.2587%	0.2746%
MET	80,453	0	80,453	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	82,771	0	82,771	82,771	0.0674%	0.0715%
OL-1	95,120	0	95,120	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	99,436	99,436	99,436	0.0810%	0.0859%
OS-2	11,404	0	11,404	0.0000	1.0000	1.0000	1.0174	1.0288	1.0454	0	11,733	0	11,733	11,733	0.0096%	0.0101%
RS(T)-1	59,460,277	0	59,460,277	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	62,157,892	62,157,892	62,157,892	50.6138%	53.7056%
SL-1	524,215	0	524,215	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	547,998	547,998	547,998	0.4462%	0.4735%
SL-1M	5,936	0	5,936	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	6,205	6,205	6,205	0.0051%	0.0054%
SL-2	30,285	0	30,285	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	31,659	31,659	31,659	0.0258%	0.0274%
SL-2M	993	0	993	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	0	1,038	1,038	1,038	0.0008%	0.0009%
SST-DST	2,045	0	2,045	0.0000	0.9248	0.0752	1.0174	1.0288	1.0454	0	1,945	161	2,106	2,106	0.0017%	0.0018%
SST-TST	83,436	0	83,436	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	84,886	0	0	84,886	84,886	0.0691%	0.0733%
TOTAL RETAIL	110,803,324	0	110,803,324							1,799,010	2,652,137	111,286,960	115,738,107	115,738,107	94.2430%	100.0000%
FKEC	719,692	0	719,692	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	732,201	0	0	732,201	732,201	0.5962%	
FPUC (INT)	79,797	0	79,797	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	81,184	0	0	81,184	126,713	0.1032%	
FPUC (PEAK)	75,696	(75,696)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
HOMESTEAD (INT)	216	0	216	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	220	0	0	220	42,313	0.0345%	
LCEC	4,168,148	0	4,168,148	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	4,240,599	0	0	4,240,599	4,240,599	3.4530%	
MOORE HAVEN	28	0	28	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	28	0	0	28	28	0.0000%	
NEW SMRYNA BCH	360	0	360	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	366	0	0	366	366	0.0003%	
NEW SMRYNA BCH (PEAK)	12,120	(12,120)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
NEW SMRYNA BCH (INT)	240	0	240	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	244	0	0	244	47,014	0.0383%	
QUINCY	152	0	152	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	155	0	0	155	155	0.0001%	
SEMINOLE (INT)	850,206	0	850,206	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	864,984	0	0	864,984	1,880,556	1.5313%	
WAUCHULA	92	0	92	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	94	0	0	94	94	0.0001%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	5,906,747	(87,816)	5,818,931					13.37448926	13.58978853	5,920,076	0	0	5,920,076	7,070,039	5.7570%	
		0	0					0	0	0	0	0	0	0		
TOTAL FPL	116,710,072	(87,816)	116,622,255					13.37448926	13.58978853	7,719,086	2,652,137	111,286,960	121,658,183	122,808,146	100.0000%	
JURIS SEPARATION FACTOR																0.942430

Contract Adjusted 12CP @ Generation -

- 1) Contract Wholesale Customer 12 CP
 - 2) Intermediate System Capacity Net of Reserve Margin
Intermediate Summer Capacity
Divide By: System Capacity Including Reserve Margin (Calculation)
Intermediate System Capacity Net of Reserve Margin
 - 3) Contract Adjusted 12CP @ Generation
Total System 12CP Excluding All Stratified Contracts
Contribution (Excluding Intermediate Stratified Contracts) to Other Production System Capacity Net of Reserve Margin
Total System 12CP Including Intermediate Stratified Contracts
- Contract Adjusted 12CP @ Generation**

Line No.	Source/Formula	FPUC (INT)				HOMESTEAD (INT)				NS BEACH (INT)				SEMINOLE (INT)			
		Amount				Amount				Amount				Amount			
1	Load Research * Loss Factor	13,476				4,500				5,000				200,000			
2																	
3	2019-2028 TYSP	15,673,000				15,673,000				15,673,000				15,673,000			
4		120.0%				120.0%				120.0%				120.0%			
5	L3 / L4	13,060,833				13,060,833				13,060,833				13,060,833			
6	L1 / L5	0.001032				0.000345				0.000383				0.015313			
7																	
8		120,711,550				120,711,550				120,711,550				120,711,550			
9	1 - Sum L6	0.98293				0.98293				0.98293				0.98293			
10	L8 / L9	122,808,146				122,808,146				122,808,146				122,808,146			
11	L6 * L11	126,713				42,313				47,014				1,880,556			

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
FPL203PK - PEAKING STRATA SALES (CONTRACT ADJUSTED): Total Annual Energy
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

RATE CLASS	MWH SALES			VOLTAGE LEVEL %			LOSS EXPANSION FACTORS			MWH SALES @ GENERATION					% OF TOTAL	
	@ METER	ADJ	ADJUSTED	TRANS	PRIMARY	SECONDARY	TRANS	PRIMARY	SECOND	TRANS	PRIMARY	SECOND	TOTAL	ADJUSTED	SYSTEM	RETAIL
CILC-1D	2,581,432	0	2,581,432	0.0000	0.4066	0.5934	1.0174	1.0288	1.0454	0	1,079,747	1,601,418	2,681,165	2,681,165	2.2038%	2.3166%
CILC-1G	103,561	0	103,561	0.0000	0.0204	0.9796	1.0174	1.0288	1.0454	0	2,175	106,049	108,224	108,224	0.0890%	0.0935%
CILC-1T	1,372,502	0	1,372,502	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	1,396,358	0	0	1,396,358	1,396,358	1.1478%	1.2065%
GS(T)-1	6,318,956	0	6,318,956	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	6,605,637	6,605,637	6,605,637	5.4296%	5.7074%
GSCU-1	96,877	0	96,877	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	101,272	101,272	101,272	0.0832%	0.0875%
GSD(T)-1	27,177,649	0	27,177,649	0.0000	0.0030	0.9970	1.0174	1.0288	1.0454	0	83,046	28,326,271	28,409,317	28,409,317	23.3514%	24.5462%
GSLD(T)-1	9,978,344	0	9,978,344	0.0000	0.0344	0.9656	1.0174	1.0288	1.0454	0	353,347	10,072,010	10,425,357	10,425,357	8.5693%	9.0077%
GSLD(T)-2	2,567,503	0	2,567,503	0.0000	0.3927	0.6073	1.0174	1.0288	1.0454	0	1,037,373	1,629,914	2,667,287	2,667,287	2.1924%	2.3046%
GSLD(T)-3	312,336	0	312,336	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	317,765	0	0	317,765	317,765	0.2612%	0.2746%
MET	80,453	0	80,453	0.0000	1.0000	0.0000	1.0174	1.0288	1.0454	0	82,771	0	82,771	82,771	0.0680%	0.0715%
OL-1	95,120	0	95,120	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	99,436	99,436	99,436	0.0817%	0.0859%
OS-2	11,404	0	11,404	0.0000	1.0000	0.0000	1.0174	1.0288	1.0454	0	11,733	0	11,733	11,733	0.0096%	0.0101%
RS(T)-1	59,460,277	0	59,460,277	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	62,157,892	62,157,892	62,157,892	51.0915%	53.7056%
SL-1	524,215	0	524,215	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	547,998	547,998	547,998	0.4504%	0.4735%
SL-1M	5,936	0	5,936	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	6,205	6,205	6,205	0.0051%	0.0054%
SL-2	30,285	0	30,285	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	31,659	31,659	31,659	0.0260%	0.0274%
SL-2M	993	0	993	0.0000	0.0000	0.0000	1.0000	1.0174	1.0288	1.0454	0	1,038	1,038	1,038	0.0009%	0.0009%
SST-DST	2,045	0	2,045	0.0000	0.9248	0.0752	1.0174	1.0288	1.0454	0	1,945	161	2,106	2,106	0.0017%	0.0018%
SST-TST	83,436	0	83,436	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	84,886	0	0	84,886	84,886	0.0698%	0.0733%
TOTAL RETAIL	110,803,324	0	110,803,324							1,799,010	2,652,137	111,286,960	115,738,107	115,738,107	95.1325%	100.0000%
FKEC	719,692	0	719,692	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	732,201	0	0	732,201	732,201	0.6018%	
FPUC (INT)	79,797	(79,797)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
FPUC (PEAK)	75,696	0	75,696	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	77,012	0	0	77,012	584,633	0.4805%	
HOMESTEAD (INT)	216	(216)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
LCEC	4,168,148	0	4,168,148	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	4,240,599	0	0	4,240,599	4,240,599	3.4856%	
MOORE HAVEN	28	0	28	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	28	0	0	28	28	0.0000%	
NEW SMYRNA BCH	360	0	360	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	366	0	0	366	366	0.0003%	
NEW SMYRNA BCH (PEAK)	12,120	0	12,120	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	12,331	0	0	12,331	363,756	0.2990%	
NEW SMYRNA BCH (INT)	240	(240)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
QUINCY	152	0	152	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	155	0	0	155	155	0.0001%	
SEMINOLE (INT)	850,206	(850,206)	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
WAUCHULA	92	0	92	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	94	0	0	94	94	0.0001%	
WINTER PARK	0	0	0	1.0000	0.0000	0.0000	1.0174	1.0288	1.0454	0	0	0	0	0	0.0000%	
TOTAL WHOLESALE	5,906,747	(930,459)	4,976,288							5,062,786	0	0	5,062,786	5,921,833	4.8675%	
		0	0							0	0	0	0	0		
TOTAL FPL	116,710,072	(930,459)	115,779,612							6,861,796	2,652,137	111,286,960	120,800,893	121,659,940	100.0000%	

JURIS SEPARATION FACTOR

0.951325

Contract Adjusted 12CP @ Generation -

- Contract Wholesale Customer 12 CP
- Peaking System Capacity Net of Reserve Margin
 - Peaking Summer Capacity
 - Divide By: System Capacity Including Reserve Margin (Calculation)
 - Peaking System Capacity Net of Reserve Margin
- Contract Wholesale Customer Contribution to Intermediate System Capacity Net of Reserve Margin
- Contract Adjusted 12CP @ Generation
 - Total System 12CP Excluding All Stratified Contracts
 - Contribution (Excluding Peaking Stratified Contracts) to Other Production System Capacity Net of Reserve Margin
 - Total System 12CP Including Intermediate Stratified Contracts

Contract Adjusted 12CP @ Generation

Line No.	Source/Formula	NEW SMYRNA FPUC (PEAK) BEACH (PEAK)	
		Amount	Amount
1	Load Research * Loss Factor	14,733	9,167
2			
3	2019-2027 TYS8	3,679,000	3,679,000
4		120.0%	120.0%
5	L3 / L4	3,065,833	3,065,833
6	L1 / L5	0.00481	0.00299
7			
8		120,711,550	120,711,550
9	1 - Sum L6	0.99220	0.99220
10	L8 / L9	121,659,940	121,659,940
11	L6 * L11	584,633	363,756

FLORIDA POWER & LIGHT
JURISDICTIONAL SEPARATION STUDY AND RETAIL COST OF SERVICE STUDY
SEP - Internals Based on Externals (B2S)
December 2020 - PROJECTED (DRAFT Dec 2018 LF)

Docket No. 20190007-EI
Appendix II - 2020 ECRC Projections
Exhibit RBD-4, Page 10 of 10

SEP - INTERNAL FACTORS BASED ON EXTERNAL FACTORS	ALLOCATOR	COMPANY PER BOOKS	SEPARATION FACTOR	JURISDICTIONAL	INTERNAL SEPARATION FACTOR
1900-LABOR-EXC-A&G					
L_INC100000 - STEAM O&M PAY - OPERAT SUPERV & ENG	FPL102NS, FPL103INT, FPL103PK	1,458,485.11	0.954562	1,392,214.89	
L_INC101210 - STEAM O&M PAY - FUEL - NON RECOVERABLE OIL	FPL202NS, FPL203INT, FPL203PK	344,728.15	0.952960	328,512.20	
L_INC102000 - STEAM O&M PAY - STEAM EXPENSES	FPL102NS, FPL103INT, FPL103PK	931,196.41	0.956985	891,141.19	
L_INC105000 - STEAM O&M PAY - ELECTRIC EXPENSES	FPL102NS, FPL103INT, FPL103PK	540,673.25	0.953803	515,695.89	
L_INC106000 - STEAM O&M PAY - MISC STEAM POWER EXPENSES	FPL102NS, FPL103INT, FPL103PK	7,365,494.72	0.951362	7,007,252.96	
L_INC110000 - STEAM O&M PAY - MAINT SUPERV & ENG	FPL202NS, FPL203INT, FPL203PK	743,460.07	0.956691	711,261.85	
L_INC111000 - STEAM O&M PAY - MAINT OF STRUCTURES	FPL102NS, FPL103INT, FPL103PK	1,621,816.59	0.951761	1,543,582.30	
L_INC112000 - STEAM O&M PAY - MAINT OF BOILER PLANT	FPL202NS, FPL203INT, FPL203PK	2,852,726.87	0.955888	2,726,887.45	
L_INC113000 - STEAM O&M PAY - MAINT OF ELECTRIC PLANT	FPL202NS, FPL203INT, FPL203PK	1,298,756.46	0.953753	1,238,692.79	
L_INC114000 - STEAM O&M PAY - MAINT OF MISC STEAM PLT	FPL202NS, FPL203INT, FPL203PK	943,482.13	0.953514	899,623.48	
L_INC117000 - NUCLEAR O&M PAY - OPER SUPERV & ENG	FPL102NS	42,457,007.49	0.957922	40,670,513.03	
L_INC119000 - NUCLEAR O&M PAY - COOLANTS AND WATER	FPL102NS	6,876,967.57	0.957922	6,587,600.39	
L_INC120000 - NUCLEAR O&M PAY - STEAM EXPENSES	FPL102NS	46,515,775.46	0.957922	44,558,497.27	
L_INC123000 - NUCLEAR O&M PAY - ELECTRIC EXP	FPL102NS	21,836.20	0.957922	20,917.38	
L_INC124000 - NUCLEAR O&M PAY - MISC NUCLEAR POWER EXP	FPL102NS	19,647,709.77	0.957922	18,820,978.76	
L_INC128000 - NUCLEAR O&M PAY - MAINT SUPERVISION & ENGINEERING	FPL202NS	46,815,593.50	0.958799	44,886,741.56	
L_INC129000 - NUCLEAR O&M PAY - MAINT OF STRUCTURES	FPL102NS	99,805.55	0.957922	95,605.96	
L_INC130000 - NUCLEAR O&M PAY - MAINT OF REACTOR PLANT	FPL201	56,495.43	0.950640	53,706.83	
L_INC131000 - NUCLEAR O&M PAY - MAINT OF ELECTRIC PLANT	FPL201	549,497.87	0.950640	522,374.83	
L_INC132000 - NUCLEAR O&M PAY - MAINT OF MISC NUCLEAR PLANT	FPL201	6,162.61	0.950640	5,858.43	
L_INC146000 - OTH PWR O&M PAY - OPERAT SUPERV & ENG	FPL102NS, FPL103INT, FPL103PK	9,925,210.41	0.945071	9,380,030.71	
L_INC147200 - OTH PWR O&M PAY - FUEL N- RECOV EMISSIONS FEE	FPL203INT	3,000,366.27	0.942430	2,827,635.81	
L_INC148000 - OTH PWR O&M PAY - GENERATION EXPENSES	FPL103INT, FPL103PK	9,099,129.15	0.942311	8,574,213.76	
L_INC149000 - OTH PWR O&M PAY - MISC OTHER POWER GENERATION EXPENSES	FPL103INT, FPL103PK	17,728,556.10	0.943000	16,718,020.71	
L_INC151000 - OTH PWR O&M PAY - MAINT SUPERV & ENG	FPL203INT, FPL203PK	5,280,538.84	0.943471	4,982,033.41	
L_INC152000 - OTH PWR O&M PAY - MAINT OF STRUCTURES	FPL103INT, FPL103PK	4,420,827.76	0.942063	4,164,698.46	
L_INC153000 - OTH PWR O&M PAY - MAINT GENERATING & ELECTRIC PLANT	FPL203INT, FPL203PK	22,139,441.74	0.943360	20,885,453.02	
L_INC154000 - OTH PWR O&M PAY - MAINT MISC OTHER PWR GENERAT	FPL203INT, FPL203PK	3,713,703.71	0.942812	3,501,323.05	
L_INC156000 - OTH PWR O&M PAY - SYSTEM CONTROL & LOAD DISPATCH	FPL103INT	716,148.84	0.941569	674,303.20	
L_INC157000 - OTH PWR O&M PAY - OTHER EXPENSES LOC 955	FPL103INT	1,778,615.65	0.941569	1,674,688.47	
L_INC260010 - TRANS O&M PAY - OPERATION SUPERV & ENGINEERING	FPL101	4,291,237.49	0.899387	3,859,482.96	
L_INC261000 - TRANS O&M PAY - LOAD DISPATCHING	FPL101	2,626,048.95	0.899387	2,361,834.12	
L_INC262000 - TRANS O&M PAY - STATION EXPENSES	FPL101	267,923.29	0.899387	240,966.71	
L_INC263000 - TRANS O&M PAY - OVERHEAD LINE EXPENSES	FPL101	80,731.87	0.899387	72,609.19	
L_INC266000 - TRANS O&M PAY - MISC TRANSMISSION EXPENSES	FPL101	3,531,239.58	0.899387	3,175,950.76	
L_INC267000 - TRANS O&M - RENTS	FPL101				
L_INC268010 - TRANS O&M PAY - MAINT SUPERV & ENG	FPL101	1,278,133.29	0.899387	1,149,536.39	
L_INC269000 - TRANS O&M PAY - MAINT OF STRUCTURES	FPL101	2,459,633.36	0.899387	2,212,162.12	
L_INC270000 - TRANS O&M PAY - MAINT OF STATION EQ	FPL101	1,812,986.06	0.899387	1,630,575.98	
L_INC271000 - TRANS O&M PAY - MAINT OF OVERHEAD LINES	FPL101	1,968,736.85	0.899387	1,770,656.21	
L_INC272000 - TRANS O&M PAY - MAINT UNDERGROUND LINES	FPL101	28,707.50	0.899387	25,819.15	
L_INC273000 - TRANS O&M PAY - MAINT OF MISC TRANS PLANT	FPL101				
L_INC380000 - DIST O&M PAY - OPERATION SUPERVISION AND ENGINEERING	FPL104	11,255,050.98	1.000000	11,255,050.98	
L_INC381000 - DIST O&M PAY - LOAD DISPATCHING	FPL104				
L_INC382000 - DIST O&M PAY - SUBSTATION EXPENSES	FPL104	762,778.60	1.000000	762,778.60	
L_INC383000 - DIST O&M PAY - OVERHEAD LINE EXPENSES	I365T	3,860,490.63	1.000000	3,860,490.63	
L_INC384000 - DIST O&M PAY - UNDERGROUND LINE EXP	I367T	1,281,168.82	1.000000	1,281,168.82	
L_INC385000 - DIST O&M PAY - STREET LIGHTING AND SIGNAL SYSTEM EXPENSES	FPL508	168,626.77	1.000000	168,626.77	
L_INC386000 - DIST O&M PAY - METER EXPENSES	FPL325	8,572,209.94	0.996532	8,542,482.33	
L_INC387000 - DIST O&M PAY - CUSTOMER INSTALLATIONS EXP	FPL309	970,652.69	1.000000	970,652.69	
L_INC388000 - DIST O&M PAY - MISC DISTRIBUTION EXPENSES	FPL104	28,906,356.24	1.000000	28,906,356.24	
L_INC389000 - DIST O&M - RENTS	FPL104				
L_INC390000 - DIST O&M PAY - MAINT SUPERV & ENG	FPL104	17,164,338.31	1.000000	17,164,338.31	
L_INC391000 - DIST O&M PAY - MAINT OF STRUCTURES	FPL104	43,981.25	1.000000	43,981.25	
L_INC392000 - DIST O&M PAY - MAINT OF STATION EQ	FPL104	2,820,650.54	1.000000	2,820,650.54	
L_INC393000 - DIST O&M PAY - MAINT OF OVERHEAD LINES	I365T	26,862,279.55	1.000000	26,862,279.55	
L_INC394000 - DIST O&M PAY - MAINT UNDERGROUND LINES	I367T	11,445,954.26	1.000000	11,445,954.26	
L_INC395000 - DIST O&M PAY - MAINT OF LINE TRANSFORMERS	FPL104	48,554.34	1.000000	48,554.34	
L_INC396000 - DIST O&M PAY - MAINT OF STREET LIGHTING & SIGNAL SYSTEMS	FPL508	4,103,494.18	1.000000	4,103,494.18	
L_INC397000 - DIST O&M PAY - MAINT OF METERS	FPL325	2,314,255.86	0.996532	2,306,230.24	
L_INC398000 - DIST O&M PAY - MAINT OF MISC DISTRI PLT	FPL104	2,223,462.75	1.000000	2,223,462.75	
L_INC401000 - CUST ACCT O&M PAY - SUPERVISION	I540	4,620,679.97	1.000000	4,620,679.97	
L_INC402000 - CUST ACCT O&M PAY - METER READING EXP	FPL330	3,819,296.78	1.000000	3,819,296.78	
L_INC403000 - CUST ACCT O&M PAY - CUST REC & COLLECT	FPL356	35,434,085.70	1.000000	35,434,085.70	
L_INC404000 - CUST ACCT EXP - UNCOLLECTIBLE ACCOUNTS	FPL205				
L_INC405000 - CUST ACCT O&M PAY - MISC CUSTOMER ACCOUNTS EXPENSES	FPL355				
L_INC407000 - CUST SERV & INFO PAY - SUPERVISION	FPL356	753,005.07	1.000000	753,005.07	
L_INC408000 - CUST SERV & INFO PAY - CUST ASSIST EXP	FPL356	2,121,731.28	1.000000	2,121,731.28	
L_INC409000 - CUST SERV & INFO PAY - INFO & INST ADV - GENERAL	FPL355				
L_INC410000 - CUST SERV & INFO PAY - MISC CUST SERV & INF	FPL356	5,008,598.14	1.000000	5,008,598.14	
L_INC411000 - SUPERVISION-SALES EXPENSES	FPL356				
L_INC516000 - MISC AND SELLING EXPENSES	FPL356	710,045.79	1.000000	710,045.79	
Total 1900-LABOR-EXC-A&G		452,567,336.37		438,593,648.85	0.969124

Docket No. 20190007-EI

Duke Energy Florida

Witness: C. A. Menendez

Exh. No. __ (CAM-1)

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DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Commission Forms 42-1A Through 42-9A

January 2018 - December 2018
Final True-Up
Docket No. 20190007-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 7
PARTY: DUKE ENERGY FLORIDA, INC. (DEF) –
(DIRECT)
DESCRIPTION: Christopher Menendez CAM-1

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018
(in Dollars)

Form 42-1A

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ____ (CAM-1)
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<u>Line</u>		<u>Period Amount</u>
1	Over/(Under) Recovery for the Period January 2018 - December 2018 (Form 42-2A, Line 5 + 6 + 10)	\$ 6,433,136
2	Actual/Estimated True-Up Amount Approved for the Period January 2018 - December 2018 (Order No. PSC-2018-0594-FOF-EI)	<u>4,444,194</u>
3	Final True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2020 to December 2020 (Lines 1 - 2)	<u><u>\$ 1,988,942</u></u>

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

Form 42-2A

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
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End-of-Period True-Up Amount
(in Dollars)

Line	Description	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	ECRC Revenues (net of Revenue Taxes)	\$4,325,385	\$4,601,370	\$4,522,575	\$4,290,070	\$4,441,341	\$5,355,200	\$5,910,856	\$5,776,457	\$5,968,542	\$5,725,482	\$4,969,597	\$4,405,148	60,292,021
2	True-Up Provision (Order No. PSC-2018-0014-FOF-EI)	3,017,507 \$251,459	\$251,459	\$251,459	\$251,459	\$251,459	\$251,459	\$251,459	\$251,459	\$251,459	\$251,459	\$251,459	\$251,459	3,017,507
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	\$4,576,844	4,852,829	4,774,034	4,541,529	4,692,799	5,606,659	6,162,314	6,027,916	6,220,000	5,976,941	5,221,056	4,656,607	63,309,528
4	Jurisdictional ECRC Costs													
	a. O & M Activities (Form 42-5A, Line 9)	\$2,675,819	\$3,123,560	\$3,739,185	\$2,310,113	\$2,642,622	\$2,360,504	\$2,300,884	\$3,671,409	\$2,862,792	\$2,943,373	\$2,108,252	\$2,099,296	\$32,837,809
	b. Capital Investment Projects (Form 42-7A, Line 9)	1,908,206	1,922,411	1,949,145	1,983,572	1,978,288	1,989,340	2,010,055	2,038,477	2,066,340	2,092,204	2,121,719	2,139,388	24,199,144
	c. Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Total Jurisdictional ECRC Costs	\$4,584,025	\$5,045,971	\$5,688,330	\$4,293,685	\$4,620,910	\$4,349,844	\$4,310,939	\$5,709,886	\$4,929,132	\$5,035,577	\$4,229,971	\$4,238,684	\$57,036,953
5	Over/(Under) Recovery (Line 3 - Line 4d)	(\$7,181)	(\$193,142)	(\$914,296)	\$247,844	\$71,890	\$1,256,815	\$1,851,376	\$318,030	\$1,290,869	\$941,364	\$991,085	\$417,923	\$6,272,575
6	Interest Provision (Form 42-3A, Line 10)	9,783	9,422	9,520	9,285	9,157	10,128	12,610	14,006	15,847	18,580	20,272	21,951	160,561
7	Beginning Balance True-Up & Interest Provision	3,017,507	2,768,650	2,333,471	1,177,236	1,182,906	1,012,494	2,027,977	3,640,504	3,721,081	4,776,338	5,484,823	6,244,721	3,017,507
	a. Deferred True-Up - January 2017 - December 2017 (2017 TU filing dated 4/2/18)	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791	4,814,791
8	True-Up Collected/(Refunded) (see Line 2)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(251,459)	(3,017,507)
9	End of Period Total True-Up (Lines 5+6+7+7a+8)	\$7,583,441	\$7,148,262	\$5,992,027	\$5,997,697	\$5,827,285	\$6,842,768	\$8,455,295	\$8,535,872	\$9,591,129	\$10,299,614	\$11,059,512	\$11,247,927	\$11,247,927
10	Adjustments to Period Total True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11	End of Period Total True-Up Over/(Under) (Lines 9 + 10)	\$7,583,441	\$7,148,262	\$5,992,027	\$5,997,697	\$5,827,285	\$6,842,768	8,455,295	\$8,535,872	\$9,591,129	\$10,299,614	\$11,059,512	\$11,247,927	\$11,247,927

Notes:

(A) N/A

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

Form 42-3A

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
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Interest Provision (in Dollars)														End of Period Total
Line	Description	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	
1	Beginning True-Up Amount (Form 42-2A, Line 7 + 7a + 10)	\$7,832,298	\$7,583,441	\$7,148,262	\$5,992,027	\$5,997,697	\$5,827,285	\$6,842,768	\$8,455,295	\$8,535,872	\$9,591,129	\$10,299,614	\$11,059,512	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2A, Lines 5 + 8)	7,573,658	7,138,840	5,982,507	5,988,412	5,818,128	6,832,640	8,442,685	8,521,866	9,575,282	10,281,034	11,039,240	11,225,976	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	15,405,956	14,722,281	13,130,769	11,980,439	11,815,824	12,659,925	15,285,454	16,977,162	18,111,154	19,872,163	21,338,854	22,285,488	
4	Average True-Up Amount (Line 3 x 1/2)	7,702,978	7,361,141	6,565,385	5,990,220	5,907,912	6,329,963	7,642,727	8,488,581	9,055,577	9,936,082	10,669,427	11,142,744	
5	Interest Rate (Last Business Day of Prior Month)	1.58%	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	2.21%	2.27%	2.30%	
6	Interest Rate (Last Business Day of Current Month)	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	2.21%	2.27%	2.30%	2.42%	
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	3.04%	3.08%	3.48%	3.71%	3.71%	3.84%	3.96%	3.96%	4.19%	4.48%	4.57%	4.72%	
8	Average Interest Rate (Line 7 x 1/2)	1.520%	1.540%	1.740%	1.855%	1.855%	1.920%	1.980%	1.980%	2.095%	2.240%	2.285%	2.360%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.127%	0.128%	0.145%	0.155%	0.155%	0.160%	0.165%	0.165%	0.175%	0.187%	0.190%	0.197%	
10	Interest Provision for the Month (Line 4 x Line 9)	\$9,783	\$9,422	\$9,520	\$9,285	\$9,157	\$10,128	\$12,610	\$14,006	\$15,847	\$18,580	\$20,272	\$21,951	\$160,561

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018
Variance Report of O&M Activities
(In Dollars)

Form 42-4A

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
Page 5 of 27

Line		(1) YTD Actual	(2) Actual/ Estimated	(3) Variance Amount	(4) Percent
1	Description of O&M Activities - System				
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$332,113	\$484,949	(\$152,836)	-32%
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	354,283	371,361	(17,079)	-5%
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	0	8,000	(8,000)	-100%
3	Pipeline Integrity Management - Bartow /Anclote Pipeline - Intm	0	0	0	0%
4	Above Ground Tank Secondary Containment	0	0	0	0%
5	SO2/NOx Emissions Allowances - Energy	38,535	37,593	942	3%
6	Phase II Cooling Water Intake 316(b) - Base	460,628	232,200	228,428	98%
6a	Phase II Cooling Water Intake 316(b) - Intm	128,744	32,989	95,755	290%
7.2	CAIR/CAMR - Peaking - Demand	0	0	0	0%
7.4	CAIR/CAMR Crystal River - Base	16,164,486	16,027,287	137,199	1%
7.4	CAIR/CAMR Crystal River - Energy	15,516,154	17,461,449	(1,945,295)	-11%
7.4	CAIR/CAMR Crystal River - A&G	69,722	96,243	(26,522)	-28%
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	39,561	495,000	(455,439)	-92%
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0%
8	Arsenic Groundwater Standard - Base	173,969	170,228	3,740	2%
9	Sea Turtle - Coastal Street Lighting - Distrib	46,966	600	46,366	7728%
11	Modular Cooling Towers - Base	0	0	0	0%
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0%
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0%
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0%
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0%
15.1	Effluent Limitation Guidelines Program CRN - Energy	0	40,000	(40,000)	-100%
16	National Pollutant Discharge Elimination System (NPDES) - Energy	29,925	32,320	(2,394)	-7%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	68,478	458,901	(390,423)	-85%
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	0	0	0	0%
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	972,139	1,496,883	(524,745)	-35%
18	Coal Combustion Residual (CCR) Rule - Energy	714,718	895,851	(181,133)	-20%
2	Total O&M Activities - Recoverable Costs	\$35,110,419	\$38,341,855	(\$3,231,435)	-8%
3	Recoverable Costs Allocated to Energy	17,379,509	20,917,997	(3,538,488)	-17%
4	Recoverable Costs Allocated to Demand	17,730,910	17,423,858	307,053	2%

Notes:

Column (1) End of Period Totals on Form 42-5A
Column (2) 2018 Estimated/Actual Filing (7/25/2018)
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

Form 42-5A

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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		O&M Activities (in Dollars)												Exh. No. __ (CAM-1) Page 6 of 27
Line	Description	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Description of O&M Activities													
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$15,917	\$71,800	\$43,589	\$47,512	\$45,491	\$29,833	\$10,152	\$12,174	\$4,233	\$9,175	\$14,645	\$27,594	\$332,113
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	8,980	53,537	10,074	4,346	113,464	102,651	8,015	21,333	13,335	3,640	12,894	2,014	354,283
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Pipeline Integrity Management - Bartow/Anclore Pipeline - Intm	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Above Ground Tank Secondary Containment - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
5	SO2/NOx Emissions Allowances - Energy	2,120	4,060	4,165	16,202	(16,942)	2,596	6,100	5,213	4,590	4,376	4,241	1,815	38,535
6	Phase II Cooling Water Intake 316(b) - Base	13,731	21,490	0	15,301	21,518	16,313	0	84,095	67,421	125,789	62,543	32,427	460,628
6a	Phase II Cooling Water Intake 316(b) - Intm	3,372	(2,497)	19,663	(10,798)	11,523	5,425	33,385	(48,412)	118,849	(45,982)	17,085	27,129	128,744
7.2	CAIR/CAMR - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River - Base	1,161,373	1,700,788	2,792,300	1,370,991	1,401,303	885,854	1,154,876	1,873,931	1,110,001	1,208,300	818,329	686,441	16,164,486
7.4	CAIR/CAMR Crystal River - Energy	1,545,080	1,380,970	1,001,199	810,262	1,125,740	1,342,446	1,133,482	1,690,633	1,520,675	1,736,245	1,122,762	1,106,661	15,516,154
7.4	CAIR/CAMR Crystal River - A&G	4,886	5,843	8,058	5,279	5,214	6,594	8,647	8,575	5,500	3,291	4,966	2,870	69,722
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	0	0	0	0	0	0	0	0	0	2,714	2,482	34,364	39,561
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Arsenic Groundwater Standard - Base	11,543	14,370	20,742	43,080	0	23,437	0	5,087	11,326	3,777	8,488	32,119	173,969
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	0	0	46,966	0	0	0	0	46,966
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines ICR Program CRN - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
16	National Pollutant Discharge Elimination System (NPDES) - Energy	0	0	11,423	544	2,263	0	0	2,485	0	0	9,876	3,335	29,925
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	0	0	472	13,715	24,714	1,406	0	27,763	0	0	408	0	68,478
17.1	Mercury & Air Toxic Standards (MATS) Anclore Gas Conversion - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	56,394	73,910	88,235	141,371	71,644	71,609	90,688	43,526	160,869	78,627	60,917	34,350	972,139
18	Coal Combustion Residual (CCR) Rule - Energy	19,496	17,889	15,649	12,437	33,004	46,884	19,586	139,147	66,726	(3,115)	102,157	244,860	714,718
2	Total of O&M Activities	\$2,842,893	\$3,342,159	\$4,015,568	\$2,470,241	\$2,838,935	\$2,535,047	\$2,464,930	\$3,912,514	\$3,083,522	\$3,126,836	\$2,241,794	\$2,235,979	\$35,110,419
3	Recoverable Costs Allocated to Energy	1,623,090	1,476,829	1,121,143	994,530	1,240,422	1,464,940	1,249,855	1,908,766	1,752,859	1,818,846	1,302,844	1,425,385	17,379,509
4	Recoverable Costs Allocated to Demand - Transm	15,917	71,800	43,589	47,512	45,491	29,833	10,152	12,174	4,233	9,175	14,645	27,594	332,113
	Recoverable Costs Allocated to Demand - Distrib	8,980	53,537	10,074	4,346	113,464	102,651	8,015	68,299	13,335	3,640	12,894	2,014	401,249
	Recoverable Costs Allocated to Demand - Prod-Base	1,186,647	1,736,648	2,813,042	1,429,372	1,422,821	925,604	1,154,876	1,963,113	1,188,747	1,337,866	889,360	750,988	16,799,083
	Recoverable Costs Allocated to Demand - Prod-Intm	3,372	(2,497)	19,663	(10,798)	11,523	5,425	33,385	(48,412)	118,849	(45,982)	17,085	27,129	128,744
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
	Recoverable Costs Allocated to Demand - A&G	4,886	5,843	8,058	5,279	5,214	6,594	8,647	8,575	5,500	3,291	4,966	2,870	69,722
5	Retail Energy Jurisdictional Factor	0.95280	0.95010	0.94890	0.95290	0.93750	0.93350	0.94470	0.94230	0.94180	0.94620	0.95330	0.95270	
6	Retail Transmission Demand Jurisdictional Factor	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
	Retail Production Demand Jurisdictional Factor - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Production Demand Jurisdictional Factor - Intm	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Production Demand Jurisdictional Factor - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
	Retail Production Demand Jurisdictional Factor - A&G	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	
7	Jurisdictional Energy Recoverable Costs (A)	1,546,480	1,403,135	1,063,852	947,688	1,162,895	1,367,521	1,180,738	1,798,630	1,650,843	1,720,993	1,242,001	1,357,964	16,442,740
8	Jurisdictional Demand Recoverable Costs - Transm (B)	11,174	50,406	30,601	33,355	31,936	20,944	7,127	8,546	2,971	6,441	10,281	19,372	233,154
	Jurisdictional Demand Recoverable Costs - Distrib (B)	8,941	53,302	10,030	4,327	112,966	102,201	7,980	67,999	13,276	3,624	12,837	2,006	399,489
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,102,217	1,613,085	2,612,894	1,327,672	1,321,587	859,747	1,072,707	1,823,437	1,104,168	1,242,677	826,082	697,555	15,603,828
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	2,452	(1,815)	14,296	(7,850)	8,378	3,944	24,272	(35,197)	86,407	(33,430)	12,422	19,724	93,603
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jurisdictional Demand Recoverable Costs - A&G (B)	4,555	5,447	7,512	4,921	4,860	6,147	8,060	7,994	5,127	3,068	4,629	2,675	64,995
9	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	\$2,675,819	\$3,123,560	\$3,739,185	\$2,310,113	\$2,642,622	\$2,360,504	\$2,300,884	\$3,671,409	\$2,862,792	\$2,943,373	\$2,108,252	\$2,099,296	\$32,837,809

Notes:

- (A) Line 3 x Line 5
(B) Line 4 x Line 6

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

Form 42-6A

Variance Report of Capital Investment Activities
(In Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Line		(1) YTD Actual	(2) Actual/ Estimated	(3) Variance Amount	(4) Percent
1	Description of Capital Investment Activities				
3.1	Pipeline Integrity Management - Bartow/Anclole Pipeline	\$658,081	\$658,083	(\$2)	0%
4.x	Above Ground Tank Secondary Containment	1,774,030	1,774,030	0	0%
5	SO2/NOx Emissions Allowances	269,478	269,466	12	0%
6	Phase II Cooling Water Intake 316(b)	88,833	86,505	2,328	3%
7.x	CAIR/CAMR	5,167,211	5,191,433	(24,222)	0%
9	Sea Turtle - Coastal Street Lighting	1,100	1,123	(23)	-2%
10.x	Underground Storage Tanks	22,459	22,459	0	0%
11	Modular Cooling Towers	0	0	0	0%
11.1	Crystal River Thermal Discharge Compliance Project	0	0	0	0%
15.1	Effluent Limitation Guidelines CRN (ELG)	19,459	36,219	(16,760)	-46%
16	National Pollutant Discharge Elimination System (NPDES)	1,491,493	1,491,493	0	0%
17x	Mercury & Air Toxics Standards (MATS)	16,614,482	16,624,582	(10,100)	0%
18	Coal Combustion Residual (CCR) Rule	43,400	36,576	6,824	19%
2	Total Capital Investment Activities - Recoverable Costs	\$26,150,026	\$26,191,969	(\$41,943)	0%
3	Recoverable Costs Allocated to Energy	16,985,229	16,990,268	(\$5,039)	0%
4	Recoverable Costs Allocated to Demand	\$9,164,797	\$9,201,701	(\$36,904)	0%

Notes:

Column (1) End of Period Totals on Form 42-7A
Column (2) 2018 Actual/Estimated Filing (7/25/2018)
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

Form 42-7A

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Capital Investment Projects-Recoverable Costs
(in Dollars)

Line	Description	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Description of Investment Projects (A)													
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intermediate	\$56,770	\$56,424	\$56,078	\$55,732	\$55,386	\$55,038	54,629	\$54,288	\$53,946	\$53,604	\$53,263	\$52,921	\$658,081
4.1	Above Ground Tank Secondary Containment - Peaking	128,806	128,298	127,783	127,276	126,763	126,251	125,148	124,643	124,139	123,635	123,131	122,628	1,508,501
4.2	Above Ground Tank Secondary Containment - Base	20,150	20,130	20,108	20,087	20,067	20,046	19,800	19,779	19,758	19,739	19,717	19,696	239,077
4.3	Above Ground Tank Secondary Containment - Intermediate	2,234	2,230	2,227	2,224	2,220	2,216	2,192	2,189	2,185	2,181	2,179	2,175	26,452
5	SO2/NOX Emissions Allowances - Energy	22,816	22,795	22,766	22,696	22,630	22,612	22,277	22,238	22,205	22,174	22,145	22,124	269,478
6	Phase II Cooling Water Intake 316(b) - Base	4,876	5,168	5,845	7,476	8,274	6,608	6,689	8,379	8,644	8,939	8,979	8,956	88,833
7.1	CAIR/CAMR Anclote- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	17,980	17,934	17,889	17,843	17,796	17,750	17,574	17,529	17,483	17,438	17,392	17,347	211,953
7.3	CAMR Crystal River - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River AFUDC - Base	254,639	276,837	310,523	343,882	364,137	386,412	410,297	445,721	479,741	503,968	527,702	550,130	4,853,989
7.4	CAIR/CAMR Crystal River AFUDC - Energy	8,239	8,552	8,191	7,524	7,798	8,533	8,547	8,589	8,357	8,502	9,140	9,297	101,269
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Sea Turtle - Coastal Street Lighting -Distribution	93	93	92	92	92	92	91	91	91	91	91	91	1,100
10.1	Underground Storage Tanks - Base	1,291	1,290	1,287	1,286	1,283	1,282	1,268	1,266	1,264	1,262	1,260	1,258	15,297
10.2	Underground Storage Tanks - Intermediate	607	605	604	603	601	600	594	592	591	590	588	587	7,162
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines CRN (RLG) - Base	1,570	1,572	1,574	1,576	1,585	1,586	1,554	1,551	1,546	1,546	1,549	2,250	19,459
16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	126,174	125,927	125,680	125,433	125,186	124,938	123,635	123,391	123,148	122,904	122,661	122,416	1,491,493
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	30,736	30,690	30,645	30,599	30,554	30,508	30,140	30,095	30,050	30,005	29,959	29,915	363,900
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	1,168,209	1,166,531	1,164,852	1,163,174	1,161,495	1,159,816	1,146,871	1,145,215	1,143,559	1,141,903	1,140,247	1,138,591	13,840,457
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	204,411	203,923	203,438	202,955	202,471	201,986	199,688	199,211	198,733	198,255	197,778	197,271	2,410,125
18	Coal Combustion Residual (CCR) Rule - Demand	3,346	3,342	3,337	3,332	3,328	3,322	3,675	4,060	4,064	3,896	3,851	3,847	43,400
2	Total Investment Projects - Recoverable Costs	\$2,052,947	\$2,072,341	\$2,102,919	\$2,133,790	\$2,151,666	\$2,169,596	\$2,174,669	\$2,208,827	\$2,239,504	\$2,260,632	\$2,281,632	\$2,301,500	\$26,150,026
3	Recoverable Costs Allocated to Energy	1,434,411	1,432,491	1,429,892	1,426,948	1,424,948	1,423,455	1,407,523	1,405,348	1,402,904	1,400,839	1,399,269	1,397,198	16,985,229
	Recoverable Costs Allocated to Distribution Demand	93	93	92	92	92	92	91	91	91	91	91	91	1,100
4	Recoverable Costs Allocated to Demand - Production - Base	285,872	308,339	342,674	377,639	398,674	419,256	443,283	480,756	515,017	539,350	563,058	586,137	5,260,055
	Recoverable Costs Allocated to Demand - Production - Intermediate	185,785	185,186	184,589	183,992	183,393	182,792	181,050	180,460	179,870	179,279	178,691	178,099	2,183,188
	Recoverable Costs Allocated to Demand - Production - Peaking	146,786	146,232	145,672	145,119	144,559	144,001	142,722	142,172	141,622	141,073	140,523	139,975	1,720,454
5	Retail Energy Jurisdictional Factor	0.95280	0.95010	0.94890	0.95290	0.93750	0.93350	0.94470	0.94230	0.94180	0.94620	0.95330	0.95270	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
6	Retail Demand Jurisdictional Factor - Production - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Demand Jurisdictional Factor - Production - Intermediate	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Demand Jurisdictional Factor - Production - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
7	Jurisdictional Energy Recoverable Costs (B)	1,366,707	1,361,010	1,356,825	1,359,739	1,335,889	1,328,795	1,329,687	1,324,260	1,321,255	1,325,474	1,333,923	1,331,111	16,074,676
	Jurisdictional Demand Recoverable Costs - Distribution (B)	93	93	92	92	92	92	91	91	91	91	91	91	1,095
8	Jurisdictional Demand Recoverable Costs - Production - Base (C)	265,532	286,401	318,293	350,770	370,308	389,426	411,743	446,550	478,374	500,975	522,996	544,433	4,885,802
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	135,071	134,636	134,202	133,768	133,332	132,895	131,629	131,200	130,771	130,341	129,914	129,483	1,587,243
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	140,803	140,271	139,734	139,204	138,667	138,131	136,904	136,377	135,849	135,323	134,795	134,269	1,650,328
9	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	\$1,908,206	\$1,922,411	\$1,949,145	\$1,983,572	\$1,978,288	\$1,989,340	\$2,010,055	\$2,038,477	\$2,066,340	\$2,092,204	\$2,121,719	\$2,139,388	\$24,199,144

Notes:

- (A) Each project's Total System Recoverable Expenses on Form 42-8A, Line 9; Form 42-8A, Line 5 for Projects 5 - Emission Allowances and Project 7. 4 - Reagents
(B) Line 3 x Line 5
(C) Line 4 x Line 6

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Return on Capital Investments, Depreciation and Taxes
For Project: PIPELINE INTEGRITY MANAGEMENT - Bartow/Anclole Pipeline - Intermediate (Project 3.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0		
3a	Regulatory Asset Balance (G)	1,000,345	950,328	900,311	850,294	800,277	750,260	700,243	650,226	600,209	550,193	500,176	450,159	400,142		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$1,000,345	\$950,328	\$900,311	\$850,294	\$800,277	\$750,260	\$700,244	\$650,227	\$600,210	\$550,193	\$500,176	\$450,159	\$400,142		
6	Average Net Investment		\$975,336	\$925,319	\$875,302	\$825,286	\$775,269	\$725,252	\$675,235	\$625,218	\$575,201	\$525,184	\$475,167	\$425,151		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.02%	1.97%	1,640	1,556	1,472	1,388	1,304	1,219	1,107	1,025	943	861	779	697	13,991
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	5,113	4,851	4,589	4,327	4,065	3,802	3,505	3,246	2,986	2,726	2,467	2,207	43,884
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0	
	b. Amortization (G)		50,017	50,017	50,017	50,017	50,017	50,017	50,017	50,017	50,017	50,017	50,017	50,017	600,206	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0	
	e. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$56,770	\$56,424	\$56,078	\$55,732	\$55,386	\$55,038	\$54,629	\$54,288	\$53,946	\$53,604	\$53,263	\$52,921	658,081	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	
	b. Recoverable Costs Allocated to Demand		\$56,770	\$56,424	\$56,078	\$55,732	\$55,386	\$55,038	\$54,629	\$54,288	\$53,946	\$53,604	\$53,263	\$52,921	658,081	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0	
13	Retail Demand-Related Recoverable Costs (F)		41,274	41,022	40,771	40,519	40,267	40,014	39,717	39,469	39,220	38,972	38,724	38,475	478,445	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$41,274	\$41,022	\$40,771	\$40,519	\$40,267	\$40,014	\$39,717	\$39,469	\$39,220	\$38,972	\$38,724	\$38,475	\$478,445	

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
- (D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Projects 3.1b, 3.1c, and 3.1d are being treated as a regulatory asset and are being amortized over 3 years as approved in Order No. PSC-2016-0535-FOF-EI. Project 3.1a amortized over 26 months as approved in Order No. PSC-2018-0014-FOF-EI.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Peaking (Project 4.1)
(in Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	
3	Less: Accumulated Depreciation	(3,073,848)	(3,101,915)	(3,129,983)	(3,158,051)	(3,186,120)	(3,214,188)	(3,242,253)	(3,270,321)	(3,298,389)	(3,326,456)	(3,354,524)	(3,382,592)	(3,410,659)	
3a	Regulatory Asset Balance (G)	685,616	639,909	594,202	548,495	502,788	457,081	411,374	365,667	319,960	274,253	228,546	182,839	137,132	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$6,846,972	\$6,773,198	\$6,699,423	\$6,625,648	\$6,551,872	\$6,478,098	\$6,404,325	\$6,330,550	\$6,256,775	\$6,183,001	\$6,109,226	\$6,035,451	\$5,961,677	
6	Average Net Investment		\$6,810,085	\$6,736,311	\$6,662,535	\$6,588,760	\$6,514,985	\$6,441,211	\$6,367,438	\$6,293,663	\$6,219,888	\$6,146,113	\$6,072,339	\$5,998,564	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.02%	1.97%	11,449	11,328	11,202	11,079	10,954	10,829	10,441	10,320	10,200	10,078	9,957	127,673
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	35,705	35,318	34,929	34,545	34,157	33,770	33,055	32,671	32,287	31,905	31,522	401,004
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	336,828
	b. Amortization (G)		45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	548,484
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	94,512
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$128,806	\$128,298	\$127,783	\$127,276	\$126,763	\$126,251	\$125,148	\$124,643	\$124,139	\$123,635	\$123,131	\$122,628	1,508,501
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$128,806	\$128,298	\$127,783	\$127,276	\$126,763	\$126,251	\$125,148	\$124,643	\$124,139	\$123,635	\$123,131	\$122,628	1,508,501
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		123,556	123,069	122,575	122,088	121,596	121,105	120,047	119,563	119,079	118,596	118,112	117,630	1,447,014
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$123,556	\$123,069	\$122,575	\$122,088	\$121,596	\$121,105	\$120,047	\$119,563	\$119,079	\$118,596	\$118,112	\$117,630	\$1,447,014

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Project 4.1a amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Base (Project 4.2)
(in Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	
3	Less: Accumulated Depreciation	27,233	24,201	21,169	18,137	15,105	12,073	9,041	6,009	2,977	(55)	(3,087)	(6,119)	(9,151)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$2,426,272	\$2,423,240	\$2,420,208	\$2,417,176	\$2,414,144	\$2,411,112	\$2,408,080	\$2,405,048	\$2,402,016	\$2,398,984	\$2,395,952	\$2,392,920	\$2,389,888	
6	Average Net Investment		\$2,424,756	\$2,421,724	\$2,418,692	\$2,415,660	\$2,412,628	\$2,409,596	\$2,406,564	\$2,403,532	\$2,400,500	\$2,397,468	\$2,394,436	\$2,391,404	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.02%	1.97%	4,077	4,072	4,066	4,062	4,057	4,052	3,946	3,941	3,936	3,932	3,926	47,988
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	12,712	12,697	12,681	12,664	12,649	12,633	12,493	12,477	12,461	12,446	12,430	150,757
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	36,384
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		329	329	329	329	329	329	329	329	329	329	329	329	3,948
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$20,150	\$20,130	\$20,108	\$20,087	\$20,067	\$20,046	\$19,800	\$19,779	\$19,758	\$19,739	\$19,717	\$19,696	239,077
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$20,150	\$20,130	\$20,108	\$20,087	\$20,067	\$20,046	\$19,800	\$19,779	\$19,758	\$19,739	\$19,717	\$19,696	239,077
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		18,716	18,698	18,677	18,658	18,639	18,620	18,391	18,372	18,352	18,335	18,314	18,295	222,067
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$18,716	\$18,698	\$18,677	\$18,658	\$18,639	\$18,620	\$18,391	\$18,372	\$18,352	\$18,335	\$18,314	\$18,295	\$222,067

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 rate case Order PSC-2010-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
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Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Intermediate (Project 4.3)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	
3	Less: Accumulated Depreciation	(72,786)	(73,311)	(73,836)	(74,361)	(74,886)	(75,411)	(75,936)	(76,461)	(76,986)	(77,511)	(78,036)	(78,561)	(79,086)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$217,512	\$216,986	\$216,461	\$215,936	\$215,411	\$214,886	\$214,361	\$213,836	\$213,311	\$212,786	\$212,261	\$211,736	\$211,211	
6	Average Net Investment		\$217,249	\$216,724	\$216,199	\$215,674	\$215,149	\$214,624	\$214,099	\$213,574	\$213,049	\$212,524	\$211,999	\$211,474	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.02%	1.97%	365	364	364	363	362	361	351	350	349	348	348	4,272
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	1,139	1,136	1,133	1,131	1,128	1,125	1,111	1,109	1,106	1,103	1,101	13,420
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		205	205	205	205	205	205	205	205	205	205	205	205	2,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,234	\$2,230	\$2,227	\$2,224	\$2,220	\$2,216	\$2,192	\$2,189	\$2,185	\$2,181	\$2,179	\$2,175	26,452
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,234	\$2,230	\$2,227	\$2,224	\$2,220	\$2,216	\$2,192	\$2,189	\$2,185	\$2,181	\$2,179	\$2,175	26,452
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		1,624	1,621	1,619	1,617	1,614	1,611	1,594	1,591	1,589	1,586	1,584	1,581	19,231
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,624	\$1,621	\$1,619	\$1,617	\$1,614	\$1,611	\$1,594	\$1,591	\$1,589	\$1,586	\$1,584	\$1,581	\$19,231

Notes:
(A) N/A
(B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
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Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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SO2 and NOx EMISSIONS ALLOWANCES - Energy (Project 5)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0158150 SO2 Emission Allowance Inventory	\$3,296,898	\$3,294,754	\$3,290,670	\$3,286,482	\$3,270,255	\$3,267,330	\$3,264,702	\$3,257,884	\$3,252,672	\$3,248,082	\$3,243,705	\$3,239,464	\$3,237,649	\$3,237,649
	b. 0254020 Auctioned SO2 Allowance	(610)	(586)	(562)	(538)	(514)	(447)	(414)	304	304	304	304	304	304	\$304
	c. 0158170 NOx Emission Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Total Working Capital	\$3,296,289	\$3,294,168	\$3,290,108	\$3,285,944	\$3,269,741	\$3,266,884	\$3,264,288	\$3,258,188	\$3,252,975	\$3,248,385	\$3,244,009	\$3,239,768	\$3,237,953	\$3,237,953
3	Average Net Investment		\$3,295,228	\$3,292,138	\$3,288,026	\$3,277,842	\$3,268,313	\$3,265,586	\$3,261,238	\$3,255,582	\$3,250,680	\$3,246,197	\$3,241,888	\$3,238,860	
4	Return on Average Net Working Capital Balance (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.02%	1.97%	5,541	5,536	5,529	5,512	5,496	5,492	5,348	5,338	5,330	5,323	5,316	65,072
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	17,275	17,259	17,237	17,184	17,134	17,120	16,929	16,900	16,875	16,851	16,829	204,406
5	Total Return Component (C)			\$22,816	\$22,795	\$22,766	\$22,696	\$22,630	\$22,612	\$22,277	\$22,238	\$22,205	\$22,174	\$22,145	269,478
6	Expense Dr (Cr)														
	a. 0509030 SO ₂ Allowance Expense		\$2,144	\$4,084	\$4,189	\$16,226	\$2,925	\$2,629	\$6,818	\$5,213	\$4,590	\$4,376	\$4,241	\$1,815	\$59,249
	b. 0407426 Amortization Expense		(\$24)	(\$24)	(\$24)	(\$24)	(\$67)	(\$33)	(\$717)	\$0	\$0	\$0	\$0	\$0	(914)
	c. 0509212 NOx Allowance Expense		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	d. Other (G)		\$0	\$0	\$0	\$0	(\$19,800)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(19,800)
7	Net Expense (D)		2,120	4,060	4,165	16,202	(16,942)	2,596	6,100	5,213	4,590	4,376	4,241	1,815	38,535
8	Total System Recoverable Expenses (Lines 5 + 7 + 8)		\$24,936	\$26,855	\$26,931	\$38,898	\$5,688	\$25,208	\$28,377	\$27,451	\$26,795	\$26,550	\$26,386	\$23,939	308,013
	a. Recoverable Costs Allocated to Energy		24,936	26,855	26,931	38,898	5,688	25,208	28,377	27,451	26,795	26,550	26,386	23,939	308,013
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
9	Energy Jurisdictional Factor		0.95280	0.95010	0.94890	0.95290	0.93750	0.93350	0.94470	0.94230	0.94180	0.94620	0.95330	0.95270	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (E)		\$23,759	\$25,515	\$25,555	\$37,066	\$5,332	\$23,532	\$26,808	\$25,867	\$25,236	\$25,122	\$25,154	\$22,807	291,750
12	Retail Demand-Related Recoverable Costs (F)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$23,759	\$25,515	\$25,555	\$37,066	\$5,332	\$23,532	\$26,808	\$25,867	\$25,236	\$25,122	\$25,154	\$22,807	\$291,750

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 5 is reported on Capital Schedule
- (D) Line 7 is reported on O&M Schedule
- (E) Line 8a x Line 9
- (F) Line 8b x Line 10
- (G) There was a Seasonal NOX credit in May 2018 of \$19,800. This was the result of sales of allowances that were allocated to DEF by the EPA at zero cost.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Return on Capital Investments, Depreciation and Taxes
For Project: Phase II Cooling Water Intake 316(b) - Base (Project 6)
(in Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$81,980	\$2,210	\$193,266	\$277,856	(\$47,238)	(\$434,111)	\$483,957	\$10,920	\$66,388	\$19,985	(\$8,035)	\$1,039	\$648,217	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing	663,307	745,287	747,497	940,763	1,218,619	1,171,381	737,270	1,221,227	1,232,147	1,298,535	1,318,520	1,310,486	1,311,525		
5	Net Investment (Lines 2 + 3 + 4)	\$663,307	\$745,287	\$747,497	\$940,763	\$1,218,619	\$1,171,381	\$737,270	\$1,221,227	\$1,232,147	\$1,298,535	\$1,318,520	\$1,310,486	\$1,311,525		
6	Average Net Investment		\$704,297	\$746,392	\$844,130	\$1,079,691	\$1,195,000	\$954,326	\$979,249	\$1,226,687	\$1,265,341	\$1,308,528	\$1,314,503	\$1,311,005		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.02%	1.97%	1,184	1,255	1,419	1,815	2,009	1,605	1,606	2,011	2,075	2,146	2,155	2,150	21,430
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	3,692	3,913	4,426	5,661	6,265	5,003	5,083	6,368	6,569	6,793	6,824	6,806	67,403
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C) 1.4860%		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.001703		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$4,876	\$5,168	\$5,845	\$7,476	\$8,274	\$6,608	\$6,689	\$8,379	\$8,644	\$8,939	\$8,979	\$8,956	88,833	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$4,876	\$5,168	\$5,845	\$7,476	\$8,274	\$6,608	\$6,689	\$8,379	\$8,644	\$8,939	\$8,979	\$8,956	88,833	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		4,529	4,800	5,429	6,944	7,685	6,138	6,213	7,783	8,029	8,303	8,340	8,319	82,513	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,529	\$4,800	\$5,429	\$6,944	\$7,685	\$6,138	\$6,213	\$7,783	\$8,029	\$8,303	\$8,340	\$8,319	\$82,513	

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Peaking (Project 7.2 - CT Emission Monitoring Systems)
(in Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ____ (CAM-1)
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Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	
3	Less: Accumulated Depreciation	(410,841)	(414,255)	(417,669)	(421,083)	(424,497)	(427,911)	(431,325)	(434,739)	(438,153)	(441,567)	(444,981)	(448,395)	(451,809)	
3a	Regulatory Asset Balance (G)	48,372	45,147	41,922	38,698	35,473	32,248	29,023	25,798	22,574	19,349	16,124	12,899	9,674	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$1,439,627	\$1,432,988	\$1,426,349	\$1,419,711	\$1,413,072	\$1,406,433	\$1,399,794	\$1,393,155	\$1,386,517	\$1,379,878	\$1,373,239	\$1,366,600	\$1,359,961	
6	Average Net Investment		\$1,436,308	\$1,429,669	\$1,423,030	\$1,416,391	\$1,409,752	\$1,403,114	\$1,396,475	\$1,389,836	\$1,383,197	\$1,376,558	\$1,369,920	\$1,363,281	
7	Return on Average Net Investment (B)			Jan-Jun	Jul-Dec										
	a. Debt Component			2.02%	1.97%										27,898
	b. Equity Component Grossed Up For Taxes			6.29%	6.23%										87,637
	c. Other			0	0									0	0
8	Investment Expenses														
	a. Depreciation (C) Varies		3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	40,968
	b. Amortization (G)		3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	38,698
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) Varies		1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	16,752
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$17,980	\$17,934	\$17,889	\$17,843	\$17,796	\$17,750	\$17,574	\$17,529	\$17,483	\$17,438	\$17,392	\$17,347	211,953
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$17,980	\$17,934	\$17,889	\$17,843	\$17,796	\$17,750	\$17,574	\$17,529	\$17,483	\$17,438	\$17,392	\$17,347	211,953
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		17,247	17,203	17,160	17,116	17,070	17,026	16,857	16,814	16,770	16,727	16,683	16,640	203,313
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,247	\$17,203	\$17,160	\$17,116	\$17,070	\$17,026	\$16,857	\$16,814	\$16,770	\$16,727	\$16,683	\$16,640	\$203,313

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$3,357,899	\$3,068,868	\$6,676,348	\$2,974,452	\$2,891,636	\$3,556,825	\$4,945,014	\$5,441,852	\$4,533,960	\$2,574,719	\$4,389,767	\$2,191,660	\$46,603,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	\$3,930,012	
3	Less: Accumulated Depreciation	(\$276,456)	(284,042)	(291,628)	(299,214)	(306,800)	(314,386)	(321,972)	(329,558)	(337,144)	(344,730)	(352,316)	(359,902)	(367,488)	
4	CWIP - AFUDC-Interest Bearing	30,270,290	33,628,190	36,697,058	43,373,406	46,347,858	49,239,494	52,796,318	57,741,332	63,183,184	67,717,144	70,291,863	74,681,630	76,873,290	
5	Net Investment (Lines 2 + 3 + 4)	\$33,923,847	\$37,274,160	\$40,335,443	\$47,004,205	\$49,971,070	\$52,855,120	\$56,404,359	\$61,341,787	\$66,776,053	\$71,302,427	\$73,869,560	\$78,251,741	\$80,435,815	
6	Average Net Investment		\$35,604,938	\$38,804,802	\$43,669,824	\$48,487,637	\$51,413,095	\$54,629,740	\$58,873,073	\$64,058,920	\$69,039,240	\$72,585,993	\$76,060,650	\$79,343,778	
7	Return on Average Net Investment (B)	Jan-Jun		Jul-Dec											
	a. Debt Component	2.02%		1.97%											
	b. Equity Component Grossed Up For Taxes	6.29%		6.23%											
	c. Other (F)														
			59,857	65,247	73,427	81,528	86,446	91,856	96,537	105,041	113,207	119,022	124,720	130,104	1,146,992
			186,638	203,446	228,952	254,210	269,547	286,412	305,616	332,536	358,390	376,802	394,838	411,882	3,609,269
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	91,032
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		558	558	558	558	558	558	558	558	558	558	558	558	6,696
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$254,639	\$276,837	\$310,523	\$343,882	\$364,137	\$386,412	\$410,297	\$445,721	\$479,741	\$503,968	\$527,702	\$550,130	4,853,989
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$254,639	\$276,837	\$310,523	\$343,882	\$364,137	\$386,412	\$410,297	\$445,721	\$479,741	\$503,968	\$527,702	\$550,130	4,853,989
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		236,521	257,140	288,429	319,415	338,229	358,919	381,104	414,008	445,607	468,111	490,156	510,988	4,508,628
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$236,521	\$257,140	\$288,429	\$319,415	\$338,229	\$358,919	\$381,104	\$414,008	\$445,607	\$468,111	\$490,156	\$510,988	\$4,508,628

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Depreciation calculated only on assets placed in-service which appear in CAIR Crystal River section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Property taxes calculated only on assets placed in-service which appear in CAIR Crystal River section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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Duke Energy Florida
Witness: C. A. Menendez
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Schedule of Amortization and Return
For Project: CAIR/CAMR - Energy (Project 7.4 - Reagents and By-Products)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0154401 Ammonia Inventory	\$9,781	\$192,137	\$134,599	\$59,285	\$35,567	\$95,990	\$145,403	\$97,620	\$75,569	\$48,453	\$47,496	\$43,783	\$74,264	74,264
	b. 0154200 Limestone Inventory (F)	1,137,114	1,040,771	1,102,615	1,069,412	1,009,001	1,111,731	1,111,751	1,147,549	1,193,798	1,129,075	1,264,317	1,320,387	1,283,532	1,283,532
2	Total Working Capital	\$1,146,895	1,232,908	1,237,214	1,128,697	1,044,568	1,207,721	1,257,154	1,245,168	1,269,367	1,177,528	1,311,812	1,364,170	1,357,797	1,357,797
3	Average Net Investment		1,189,902	1,235,061	1,182,956	1,086,632	1,126,144	1,232,437	1,251,161	1,257,268	1,223,447	1,244,670	1,337,991	1,360,983	
4	Return on Average Net Working Capital Balance (A)	Jan-Jun													
	a. Debt Component (F)	2.02%													
	b. Equity Component Grossed Up For Taxes	6.29%													
5	Total Return Component (B)		2,001	2,077	1,989	1,827	1,894	2,072	2,052	2,062	2,006	2,041	2,194	2,232	\$24,447
			6,238	6,475	6,202	5,697	5,904	6,461	6,495	6,527	6,351	6,461	6,946	7,065	76,822
			8,239	8,552	8,191	7,524	7,798	8,533	8,547	8,589	8,357	8,502	9,140	9,297	101,269
6	Expense Dr (Cr)														
	a. 502030 Ammonia Expense		300,866	345,474	382,972	236,235	263,893	258,209	339,829	459,557	408,830	481,369	349,034	321,567	4,147,836
	b. 502040 Limestone Expense		650,787	517,063	341,025	306,665	422,624	555,987	409,620	649,428	565,109	612,337	391,008	405,168	5,826,821
	c. 502050 Dibasic Acid Expense		0	0	24,387	0	0	0	0	0	0	0	0	0	24,387
	d. 502070 Gypsum Disposal/Sale		214,439	208,716	90,248	102,248	185,879	201,449	143,764	217,836	208,155	233,329	153,058	144,744	2,103,866
	e. 502040 Hydrated Lime Expense		368,739	285,489	182,781	179,375	253,344	326,801	240,268	363,812	332,387	356,473	226,520	223,328	3,339,317
	f. 502300 Caustic Expense		10,248	24,228	(20,214)	(14,262)	0	0	0	0	6,193	52,738	3,142	11,853	73,927
7	Net Expense (C)		1,545,080	1,380,970	1,001,199	810,262	1,125,740	1,342,446	1,133,482	1,690,633	1,520,675	1,736,245	1,122,762	1,106,661	15,516,153
8	Total System Recoverable Expenses (Lines 5 + 7)		\$1,553,319	\$1,389,522	\$1,009,390	\$817,786	\$1,133,538	\$1,350,979	\$1,142,029	\$1,699,222	\$1,529,032	\$1,744,747	\$1,131,902	\$1,115,958	\$15,617,422
	a. Recoverable Costs Allocated to Energy		1,553,319	1,389,522	1,009,390	817,786	1,133,538	1,350,979	1,142,029	1,699,222	1,529,032	1,744,747	1,131,902	1,115,958	\$15,617,422
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Energy Jurisdictional Factor		0.95280	0.95010	0.94890	0.95290	0.93750	0.93350	0.94470	0.94230	0.94180	0.94620	0.95330	0.95270	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (D)		\$1,480,003	\$1,320,185	\$957,810	\$779,268	\$1,062,691	\$1,261,139	\$1,078,875	\$1,601,177	\$1,440,042	\$1,650,880	\$1,079,042	\$1,063,173	\$14,774,283
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$1,480,003	\$1,320,185	\$957,810	\$779,268	\$1,062,691	\$1,261,139	\$1,078,875	\$1,601,177	\$1,440,042	\$1,650,880	\$1,079,042	\$1,063,173	\$14,774,283

Notes:

- (A) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (B) Line 5 is reported on Capital Schedule
- (C) Line 7 is reported on O&M Schedule
- (D) Line 8a x Line 9
- (E) Line 8b x Line 10

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Duke Energy Florida
Witness: C. A. Menendez
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Return on Capital Investments, Depreciation and Taxes
For Project: SEA TURTLE - COASTAL STREET LIGHTING - (Project 9)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	\$11,324	
3	Less: Accumulated Depreciation	(\$3,350)	(3,379)	(3,408)	(3,437)	(3,466)	(3,495)	(3,524)	(3,553)	(3,582)	(3,611)	(3,640)	(3,669)	(3,698)	
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$7,974	\$7,945	\$7,916	\$7,887	\$7,858	\$7,829	\$7,800	\$7,771	\$7,742	\$7,713	\$7,684	\$7,655	\$7,626	
6	Average Net Investment		\$7,960	\$7,931	\$7,902	\$7,873	\$7,844	\$7,815	\$7,786	\$7,757	\$7,728	\$7,699	\$7,670	\$7,641	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.02%	1.97%	13	13	13	13	13	13	13	13	13	13	13	156
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	42	42	41	41	41	41	40	40	40	40	40	488
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.0658%	29	29	29	29	29	29	29	29	29	29	29	29	348
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.9414%	9	9	9	9	9	9	9	9	9	9	9	9	108
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$93	\$93	\$92	\$92	\$92	\$92	\$91	\$91	\$91	\$91	\$91	\$91	1,100
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$93	\$93	\$92	\$92	\$92	\$92	\$91	\$91	\$91	\$91	\$91	\$91	1,100
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - (Distribution)		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		93	93	92	92	92	92	91	91	91	91	91	91	1,095
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$93	\$93	\$92	\$92	\$92	\$92	\$91	\$91	\$91	\$91	\$91	\$91	\$1,095

Notes:
(A) N/A
(B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

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Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Base (Project 10.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	\$168,941	
3	Less: Accumulated Depreciation	(42,448)	(42,744)	(43,040)	(43,336)	(43,632)	(43,928)	(44,224)	(44,520)	(44,816)	(45,112)	(45,408)	(45,704)	(46,000)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$126,493	\$126,197	\$125,901	\$125,605	\$125,309	\$125,013	\$124,717	\$124,421	\$124,125	\$123,829	\$123,533	\$123,237	\$122,941	
6	Average Net Investment		\$126,345	\$126,049	\$125,753	\$125,457	\$125,161	\$124,865	\$124,569	\$124,273	\$123,977	\$123,681	\$123,385	\$123,089	
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun	2.02%	Jul-Dec	1.97%										
	b. Equity Component Grossed Up For Taxes		662	661	659	658	656	655	647	645	644	642	641	639	2,484
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	7,809
8	Investment Expenses														
	a. Depreciation (C)	2.1000%	296	296	296	296	296	296	296	296	296	296	296	296	3,552
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.8573%	121	121	121	121	121	121	121	121	121	121	121	121	1,452
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,291	\$1,290	\$1,287	\$1,286	\$1,283	\$1,282	\$1,268	\$1,266	\$1,264	\$1,262	\$1,260	\$1,258	15,297
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,291	\$1,290	\$1,287	\$1,286	\$1,283	\$1,282	\$1,268	\$1,266	\$1,264	\$1,262	\$1,260	\$1,258	15,297
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		1,199	1,198	1,195	1,195	1,192	1,191	1,178	1,176	1,174	1,172	1,170	1,168	14,209
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,199	\$1,198	\$1,195	\$1,195	\$1,192	\$1,191	\$1,178	\$1,176	\$1,174	\$1,172	\$1,170	\$1,168	\$14,209

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Intermediate (10.2)
(in Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
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Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0		
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0		
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0		
2	Plant-in-Service/Depreciation Base	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006	\$76,006		
3	Less: Accumulated Depreciation	(\$26,657)	(26,860)	(27,063)	(27,266)	(27,469)	(27,672)	(27,875)	(28,078)	(28,281)	(28,484)	(28,687)	(28,890)	(29,093)		
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$49,349	\$49,146	\$48,943	\$48,740	\$48,537	\$48,334	\$48,131	\$47,928	\$47,725	\$47,522	\$47,319	\$47,116	\$46,913		
6	Average Net Investment		\$49,248	\$49,045	\$48,842	\$48,639	\$48,436	\$48,233	\$48,030	\$47,827	\$47,624	\$47,421	\$47,218	\$47,015		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.02%	1.97%	83	82	82	82	81	81	79	78	78	78	77	77	958
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	258	257	256	255	254	253	249	248	247	246	245	244	3,012
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C) 3.2000%		203	203	203	203	203	203	203	203	203	203	203	203	203	2,436
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.9890%		63	63	63	63	63	63	63	63	63	63	63	63	63	756
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$607	\$605	\$604	\$603	\$601	\$600	\$594	\$592	\$591	\$590	\$588	\$587		7,162
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$607	\$605	\$604	\$603	\$601	\$600	\$594	\$592	\$591	\$590	\$588	\$587		7,162
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		0
13	Retail Demand-Related Recoverable Costs (F)		441	440	439	438	437	436	432	430	430	429	427	427		5,207
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$441	\$440	\$439	\$438	\$437	\$436	\$432	\$430	\$430	\$429	\$427	\$427		\$5,207

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Return on Capital Investments, Depreciation and Taxes
For Project: Effluent Limitation Guidelines CRN - Base (Project 15.1)
(in Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$394	\$386	\$0	\$2,633	(\$2,041)	(\$1,336)	\$528	(\$1,815)	\$1,806	(\$1,157)	\$206,397	\$205,796
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing	226,768	226,768	227,162	227,548	227,548	230,181	228,140	226,804	227,332	225,517	227,323	226,166	432,564	
5	Net Investment (Lines 2 + 3 + 4)	\$226,768	\$226,768	\$227,162	\$227,548	\$227,548	\$230,181	\$228,140	\$226,804	\$227,332	\$225,517	\$227,323	\$226,166	\$432,564	
6	Average Net Investment		\$226,768	\$226,965	\$227,355	\$227,548	\$228,864	\$229,160	\$227,472	\$227,068	\$226,425	\$226,420	\$226,745	\$329,365	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.02%	1.97%	381	382	382	383	385	385	373	372	371	371	372	4,697
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	1,189	1,190	1,192	1,193	1,200	1,201	1,181	1,179	1,175	1,175	1,177	14,762
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.4700%		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.1703%		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,570	\$1,572	\$1,574	\$1,576	\$1,585	\$1,586	\$1,554	\$1,551	\$1,546	\$1,546	\$1,549	\$2,250	19,459
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,570	\$1,572	\$1,574	\$1,576	\$1,585	\$1,586	\$1,554	\$1,551	\$1,546	\$1,546	\$1,549	\$2,250	19,459
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		1,458	1,460	1,462	1,464	1,472	1,473	1,443	1,441	1,436	1,436	1,439	2,090	18,074
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,458	\$1,460	\$1,462	\$1,464	\$1,472	\$1,473	\$1,443	\$1,441	\$1,436	\$1,436	\$1,439	\$2,090	\$18,074

Notes:
(A) N/A
(B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Return on Capital Investments, Depreciation and Taxes
For Project: NPDES - Intermediate (Project 16)
(in Dollars)

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870	\$12,841,870		
3	Less: Accumulated Depreciation	(\$1,288,446)	(1,324,118)	(1,359,790)	(1,395,462)	(1,431,134)	(1,466,806)	(1,502,478)	(1,538,150)	(1,573,822)	(1,609,494)	(1,645,166)	(1,680,838)	(1,716,510)		
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$11,553,424	\$11,517,752	\$11,482,080	\$11,446,408	\$11,410,736	\$11,375,064	\$11,339,392	\$11,303,720	\$11,268,048	\$11,232,376	\$11,196,704	\$11,161,032	\$11,125,360		
6	Average Net Investment		\$11,535,588	\$11,499,916	\$11,464,244	\$11,428,572	\$11,392,900	\$11,357,228	\$11,321,556	\$11,285,884	\$11,250,212	\$11,214,540	\$11,178,868	\$11,143,196		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.02%	1.97%	19,396	19,336	19,276	19,216	19,156	19,096	18,565	18,506	18,448	18,389	18,331	18,272	225,987
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	60,479	60,292	60,105	59,918	59,731	59,543	58,771	58,586	58,401	58,216	58,031	57,845	709,918
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)	3.3333%	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	428,064
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.9930%	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	127,524
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$126,174	\$125,927	\$125,680	\$125,433	\$125,186	\$124,938	\$123,635	\$123,391	\$123,148	\$122,904	\$122,661	\$122,416	\$122,416	1,491,493
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$126,174	\$125,927	\$125,680	\$125,433	\$125,186	\$124,938	\$123,635	\$123,391	\$123,148	\$122,904	\$122,661	\$122,416	\$122,416	1,491,493
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		91,732	91,553	91,373	91,194	91,014	90,834	89,886	89,709	89,532	89,355	89,178	89,000	89,000	1,084,360
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$91,732	\$91,553	\$91,373	\$91,194	\$91,014	\$90,834	\$89,886	\$89,709	\$89,532	\$89,355	\$89,178	\$89,000	\$89,000	\$1,084,360

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

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Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 4 & 5 - Energy (Project 17)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187	\$3,690,187		
3	Less: Accumulated Depreciation	(\$187,997)	(194,579)	(201,161)	(207,743)	(214,325)	(220,907)	(227,489)	(234,071)	(240,653)	(247,235)	(253,817)	(260,399)	(266,981)		
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$3,502,190	\$3,495,608	\$3,489,026	\$3,482,444	\$3,475,862	\$3,469,280	\$3,462,698	\$3,456,116	\$3,449,534	\$3,442,952	\$3,436,370	\$3,429,788	\$3,423,206		
6	Average Net Investment		\$3,498,899	\$3,492,317	\$3,485,735	\$3,479,153	\$3,472,571	\$3,465,989	\$3,459,407	\$3,452,825	\$3,446,243	\$3,439,661	\$3,433,079	\$3,426,497		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.02%	1.97%	5,883	5,872	5,861	5,850	5,839	5,828	5,673	5,662	5,651	5,640	5,629	5,619	69,007
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	18,344	18,309	18,275	18,240	18,206	18,171	17,958	17,924	17,890	17,856	17,821	17,787	216,781
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C) Blended		6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	78,984
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.1703%		524	524	524	524	524	524	524	524	524	524	524	524	524	6,288
	e. Other (E)		(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(7,160)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$30,736	\$30,690	\$30,645	\$30,599	\$30,554	\$30,508	\$30,140	\$30,095	\$30,050	\$30,005	\$29,959	\$29,915	\$29,915	363,900
	a. Recoverable Costs Allocated to Energy		30,736	30,690	30,645	30,599	30,554	30,508	30,140	30,095	30,050	30,005	29,959	29,915	29,915	363,900
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95280	0.95010	0.94890	0.95290	0.93750	0.93350	0.94470	0.94230	0.94180	0.94620	0.95330	0.95270		
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
12	Retail Energy-Related Recoverable Costs (F)		\$29,286	\$29,159	\$29,079	\$29,158	\$28,645	\$28,480	\$28,474	\$28,359	\$28,301	\$28,391	\$28,560	\$28,500	\$28,500	344,392
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$29,286	\$29,159	\$29,079	\$29,158	\$28,645	\$28,480	\$28,474	\$28,359	\$28,301	\$28,391	\$28,560	\$28,500	\$28,500	\$344,392

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - ANCLOTE GAS CONVERSION - Energy (Project 17.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0		
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0		
	d. Other - AFUDC (A)		0	0	0	0	0	0	0	0	0	0	0	0		
2	Plant-in-Service/Depreciation Base	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267	\$133,918,267		
3	Less: Accumulated Depreciation	(\$11,639,662)	(11,882,076)	(12,124,490)	(12,366,904)	(12,609,318)	(12,851,732)	(13,094,146)	(13,336,560)	(13,578,974)	(13,821,388)	(14,063,802)	(14,306,216)	(14,548,630)		
4	CWIP - AFUDC Bearing	(\$0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)		
5	Net Investment (Lines 2 + 3 + 4)	\$122,278,605	\$122,036,191	\$121,793,777	\$121,551,363	\$121,308,949	\$121,066,535	\$120,824,121	\$120,581,707	\$120,339,293	\$120,096,879	\$119,854,465	\$119,612,051	\$119,369,637		
6	Average Net Investment		\$122,157,398	\$121,914,984	\$121,672,570	\$121,430,156	\$121,187,742	\$120,945,328	\$120,702,914	\$120,460,500	\$120,218,086	\$119,975,672	\$119,733,258	\$119,490,844		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.02%	1.97%	205,397	204,990	204,582	204,175	203,767	203,359	197,923	197,525	197,128	196,730	196,333	195,935	2,407,844
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	640,445	639,174	637,903	636,632	635,361	634,090	626,581	625,323	624,064	622,806	621,547	620,289	7,564,215
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C) 2.1722%		242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	2,908,968
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.8490%		94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	1,136,964
	e. Other (E)		(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(177,534)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,168,209	\$1,166,531	\$1,164,852	\$1,163,174	\$1,161,495	\$1,159,816	\$1,146,871	\$1,145,215	\$1,143,559	\$1,141,903	\$1,140,247	\$1,138,591	\$1,138,591	13,840,457
	a. Recoverable Costs Allocated to Energy		1,168,209	1,166,531	1,164,852	1,163,174	1,161,495	1,159,816	1,146,871	1,145,215	1,143,559	1,141,903	1,140,247	1,138,591	1,138,591	13,840,457
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95280	0.95010	0.94890	0.95290	0.93750	0.93350	0.94470	0.94230	0.94180	0.94620	0.95330	0.95270	0.95270	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$1,113,069	\$1,108,321	\$1,105,328	\$1,108,388	\$1,088,901	\$1,082,688	\$1,083,449	\$1,079,136	\$1,077,003	\$1,080,468	\$1,086,997	\$1,084,735	\$1,084,735	13,098,482
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,113,069	\$1,108,321	\$1,105,328	\$1,108,388	\$1,088,901	\$1,082,688	\$1,083,449	\$1,079,136	\$1,077,003	\$1,080,468	\$1,086,997	\$1,084,735	\$1,084,735	\$13,098,482

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

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Duke Energy Florida
Witness: C. A. Menendez
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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 1 & 2 - Energy (Project 17.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other - AFUDC (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074	\$22,681,074		
3	Less: Accumulated Depreciation	(\$2,159,309)	(2,229,242)	(2,299,175)	(2,369,108)	(2,439,041)	(2,508,974)	(2,578,907)	(2,648,840)	(2,718,773)	(2,788,706)	(2,858,639)	(2,928,572)	(3,006,977)		
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$20,521,765	\$20,451,832	\$20,381,899	\$20,311,966	\$20,242,033	\$20,172,100	\$20,102,167	\$20,032,234	\$19,962,301	\$19,892,368	\$19,822,435	\$19,752,502	\$19,674,097		
6	Average Net Investment		\$20,486,798	\$20,416,865	\$20,346,932	\$20,276,999	\$20,207,066	\$20,137,133	\$20,067,200	\$19,997,267	\$19,927,334	\$19,857,401	\$19,787,468	\$19,713,299		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.02%	1.97%	34,439	34,320	34,203	34,087	33,967	33,850	32,905	32,791	32,676	32,561	32,447	32,325	400,571
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	107,360	106,991	106,623	106,256	105,892	105,524	104,171	103,808	103,445	103,082	102,719	102,334	1,258,205
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)	3.7000%	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	839,196	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D)	0.1703%	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	38,628	
	e. Other (E)		(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(126,475)	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$204,411	\$203,923	\$203,438	\$202,955	\$202,471	\$201,986	\$199,688	\$199,211	\$198,733	\$198,255	\$197,778	\$197,271	2,410,125	
	a. Recoverable Costs Allocated to Energy		204,411	203,923	203,438	202,955	202,471	201,986	199,688	199,211	198,733	198,255	197,778	197,271	2,410,125	
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0	
10	Energy Jurisdictional Factor		0.95280	0.95010	0.94890	0.95290	0.93750	0.93350	0.94470	0.94230	0.94180	0.94620	0.95330	0.95270		
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
12	Retail Energy-Related Recoverable Costs (F)		\$194,763	\$193,748	\$193,043	\$193,396	\$189,817	\$188,554	\$188,646	\$187,717	\$187,167	\$187,589	\$188,542	\$187,940	2,280,922	
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$194,763	\$193,748	\$193,043	\$193,396	\$189,817	\$188,554	\$188,646	\$187,717	\$187,167	\$187,589	\$188,542	\$187,940	\$2,280,922	

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
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Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Return on Capital Investments, Depreciation and Taxes
For Project: COAL COMBUSTION RESIDUAL (CCR) RULE - Base (Project 18)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$114,537	\$0	\$2,269	(\$50,140)	\$394	\$0	\$67,060
	b. Clearings to Plant		281,429	0	0	0	0	0	0	0	0	0	67,059	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$97,585	379,014	379,014	379,014	379,014	379,014	379,014	379,014	379,014	379,014	379,014	446,073	446,073	
3	Less: Accumulated Depreciation	(2,112)	(2,797)	(3,482)	(4,167)	(4,852)	(5,537)	(6,222)	(6,907)	(7,592)	(8,277)	(8,962)	(9,768)	(10,574)	
4	CWIP - Non-Interest Bearing	281,429	(0)	(0)	(0)	(0)	(0)	(0)	114,537	114,537	116,806	66,665	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$376,902	\$376,217	\$375,532	\$374,847	\$374,162	\$373,477	\$372,792	\$486,644	\$485,959	\$487,543	\$436,717	\$436,305	\$435,499	
6	Average Net Investment		\$376,559	\$375,874	\$375,189	\$374,504	\$373,819	\$373,134	\$429,718	\$486,301	\$486,751	\$462,130	\$436,511	\$435,902	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.02%	1.97%	633	632	631	630	629	627	705	797	798	758	716	8,271
	b. Equity Component Grossed Up For Taxes	6.29%	6.23%	1,974	1,971	1,967	1,963	1,960	1,956	2,231	2,524	2,527	2,399	2,266	26,001
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.1695%	685	685	685	685	685	685	685	685	685	685	806	806	8,462
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.1703%	54	54	54	54	54	54	54	54	54	54	63	63	666
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,346	\$3,342	\$3,337	\$3,332	\$3,328	\$3,322	\$3,675	\$4,060	\$4,064	\$3,896	\$3,851	\$3,847	43,400
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,346	\$3,342	\$3,337	\$3,332	\$3,328	\$3,322	\$3,675	\$4,060	\$4,064	\$3,896	\$3,851	\$3,847	43,400
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		3,108	3,104	3,100	3,095	3,091	3,086	3,414	3,771	3,775	3,619	3,577	3,573	40,312
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,108	\$3,104	\$3,100	\$3,095	\$3,091	\$3,086	\$3,414	\$3,771	\$3,775	\$3,619	\$3,577	\$3,573	\$40,312

Notes:

- (A) N/A
- (B) Jan - Jun 2018 Line 6 x 8.31% x 1/12. Jul - Dec 2018 Line 6 x 8.20% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.70% (Jan-Jun) and 4.65 (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).
See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2017 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2018 - December 2018

Form 42-9A

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
Page 27 of 27

Capital Structure and Cost Rates

Class of Capital	Retail	Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE		\$4,711,485,475	44.73%	0.10500	4.70%	6.29%
PS		-	0.00%	0.00000	0.00%	0.00%
LTD		3,931,532,102	37.33%	0.05290	1.97%	1.97%
STD		102,874,989	0.98%	0.00210	0.00%	0.00%
CD-Active		191,024,808	1.81%	0.02260	0.04%	0.04%
CD-Inactive		1,455,315	0.01%	0.00000	0.00%	0.00%
ADIT		1,772,932,910	16.83%	0.00000	0.00%	0.00%
FAS 109		(180,390,549)	-1.71%	0.00000	0.00%	0.00%
ITC		1,967,889	0.02%	0.00000	0.00%	0.00%
Total	\$	10,532,882,939	100.00%		6.71%	8.31%
Total Debt					2.02%	2.02%
Total Equity					4.70%	6.29% (A)

May 2017 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

(A) The May 2017 Pre-Tax Weighted Cost Rate for Common Equity above reflects the impact of the reduction in the federal corporate income tax rate as a result of the 2018 Tax Cuts and Jobs Act.

Class of Capital	Retail	Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$	5,022,459,234	44.29%	0.10500	4.65%	6.23%
PS		-	0.00%	0.00000	0.00%	0.00%
LTD		4,497,051,945	39.66%	0.04896	1.94%	1.94%
STD		(193,058,184)	-1.70%	0.00878	-0.01%	-0.01%
CD-Active		179,648,841	1.58%	0.02352	0.04%	0.04%
CD-Inactive		1,597,098	0.01%	0.00000	0.00%	0.00%
ADIT		1,826,908,909	16.11%	0.00000	0.00%	0.00%
FAS 109		-	0.00%	0.00000	0.00%	0.00%
ITC		5,239,408	0.05%	0.07853	0.00%	0.00%
Total	\$	11,339,847,250	100.00%		6.62%	8.20%
Total Debt					1.97%	1.97%
Total Equity					4.65%	6.23%

May 2018 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

The May 2018 DEF Surveillance Report reflects the tax reform adjustments as set forth in Paragraph 16 of DEF's 2017 Settlement.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Capital Program Detail

January 2018 - December 2018
Final True-Up
Docket No. 20190007-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 8
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Christopher Menendez CAM-2

For Project: PIPELINE INTEGRITY MANAGEMENT - Alderman Road Fence (Project 3.1a)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3a	Regulatory Asset Balance (C)	18,203	17,293	16,383	15,473	14,563	13,654	12,744	11,834	10,924	10,014	9,105	8,195	7,285		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$18,203	\$17,293	\$16,383	\$15,473	\$14,564	\$13,654	\$12,744	\$11,834	\$10,925	\$10,015	\$9,105	\$8,195	\$7,285		
6	Average Net Investment		17,748	16,838	15,928	15,018	14,109	13,199	12,289	11,379	10,470	9,560	8,650	7,740		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	30	28	27	25	24	22	20	19	17	16	14	13	255
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	93	88	84	79	74	69	64	59	54	50	45	40	799
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	1.8857%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (C)		910	910	910	910	910	910	910	910	910	910	910	910	910	10,921
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009772	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,033	\$1,026	\$1,021	\$1,014	\$1,008	\$1,001	\$994	\$988	\$981	\$976	\$969	\$963	\$11,975	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$1,033	\$1,026	\$1,021	\$1,014	\$1,008	\$1,001	\$994	\$988	\$981	\$976	\$969	\$963	\$11,975	

For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Leak Detection (Project 3.1b)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0		
3a	Regulatory Asset Balance (B)	521,464	495,391	469,318	443,244	417,171	391,098	365,025	338,952	312,878	286,805	260,732	234,659	208,586		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$521,464	\$495,391	\$469,318	\$443,244	\$417,171	\$391,098	\$365,025	\$338,952	\$312,878	\$286,805	\$260,732	\$234,659	\$208,586		
6	Average Net Investment		508,427	482,354	456,281	430,208	404,135	378,061	351,988	325,915	299,842	273,769	247,695	221,622		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	855	811	767	723	680	636	577	534	492	449	406	363	7,293
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	2,666	2,529	2,392	2,255	2,119	1,982	1,827	1,692	1,557	1,421	1,286	1,150	22,876
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.5579%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (B)		26,073	26,073	26,073	26,073	26,073	26,073	26,073	26,073	26,073	26,073	26,073	26,073	26,073	312,878
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009772	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$29,594	\$29,413	\$29,232	\$29,051	\$28,872	\$28,691	\$28,477	\$28,299	\$28,122	\$27,943	\$27,765	\$27,586	\$343,047	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$29,594	\$29,413	\$29,232	\$29,051	\$28,872	\$28,691	\$28,477	\$28,299	\$28,122	\$27,943	\$27,765	\$27,586	\$343,047	

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.
(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.
(C) Investment amortized over 26 months, as approved in Order PSC-2018-0014-FOF-EI.

For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Controls Upgrade (Project 3.1c)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	\$397,503	377,628	357,753	337,878	318,003	298,128	278,252	258,377	238,502	218,627	198,752	178,877	159,001	
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$397,503	\$377,628	\$357,753	\$337,878	\$318,003	\$298,128	\$278,252	\$258,377	\$238,502	\$218,627	\$198,752	\$178,877	\$159,001	
6	Average Net Investment		387,566	367,691	347,816	327,940	308,065	288,190	268,315	248,440	228,565	208,689	188,814	168,939	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component	2.02%	1.97%	652	618	585	551	518	485	440	375	342	310	277	5,560
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	2,032	1,928	1,824	1,719	1,615	1,511	1,393	1,290	1,083	980	877	17,439
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.5579%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (B)		19,875	19,875	19,875	19,875	19,875	19,875	19,875	19,875	19,875	19,875	19,875	19,875	238,502
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009772	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$22,559	\$22,421	\$22,284	\$22,145	\$22,008	\$21,871	\$21,708	\$21,572	\$21,437	\$21,300	\$21,165	\$21,029	\$261,501
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$22,559	\$22,421	\$22,284	\$22,145	\$22,008	\$21,871	\$21,708	\$21,572	\$21,437	\$21,300	\$21,165	\$21,029	\$261,501

For Project: PIPELINE INTEGRITY MANAGEMENT - Control Room Management (Project 3.1d)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
3	Less: Accumulated Depreciation	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	\$63,175	60,016	56,857	53,698	50,540	47,381	44,222	41,063	37,905	34,746	31,587	28,429	25,270	
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$63,175	\$60,016	\$56,857	\$53,698	\$50,540	\$47,381	\$44,222	\$41,063	\$37,905	\$34,746	\$31,587	\$28,429	\$25,270	
6	Average Net Investment		61,595	58,436	55,278	52,119	48,960	45,802	42,643	39,484	36,325	33,167	30,008	26,849	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component	2.02%	1.97%	104	98	93	88	82	77	70	65	60	54	49	884
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	323	306	290	273	257	240	221	205	189	172	156	2,771
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	3.3596%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (B)		3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	37,905
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009772	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,586	\$3,563	\$3,542	\$3,520	\$3,498	\$3,476	\$3,450	\$3,429	\$3,408	\$3,385	\$3,364	\$3,342	\$41,560
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$3,586	\$3,563	\$3,542	\$3,520	\$3,498	\$3,476	\$3,450	\$3,429	\$3,408	\$3,385	\$3,364	\$3,342	\$41,560

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.
(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - TURNER CTs (Project 4.1a)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	\$0	\$0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3a	Regulatory Asset Balance (B)	685,616	639,909	594,202	548,495	502,788	457,081	411,374	365,667	319,960	274,253	228,546	182,839	137,132		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$685,616	\$639,909	\$594,202	\$548,495	\$502,788	\$457,081	\$411,374	\$365,667	\$319,960	\$274,253	\$228,546	\$182,839	\$137,132		
6	Average Net Investment		662,763	617,056	571,349	525,642	479,935	434,228	388,521	342,814	297,107	251,400	205,693	159,986		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	1,114	1,038	961	884	807	730	637	562	487	412	337	262	8,231
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	3,475	3,235	2,995	2,756	2,516	2,277	2,017	1,780	1,542	1,305	1,068	831	25,797
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	Blended	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (B)		45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	548,484
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.011630	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$50,296	\$49,980	\$49,663	\$49,347	\$49,030	\$48,714	\$48,361	\$48,049	\$47,736	\$47,424	\$47,112	\$46,800	\$582,512	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$50,296	\$49,980	\$49,663	\$49,347	\$49,030	\$48,714	\$48,361	\$48,049	\$47,736	\$47,424	\$47,112	\$46,800	\$582,512	

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BARTOW CTs (Project 4.1b)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801	\$1,473,801		
3	Less: Accumulated Depreciation	(380,955)	(384,640)	(388,325)	(392,010)	(395,695)	(399,380)	(403,062)	(406,747)	(410,431)	(414,116)	(417,800)	(421,485)	(425,169)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$1,092,846	\$1,089,162	\$1,085,476	\$1,081,792	\$1,078,106	\$1,074,422	\$1,070,739	\$1,067,055	\$1,063,370	\$1,059,686	\$1,056,001	\$1,052,317	\$1,048,632		
6	Average Net Investment		1,091,004	1,087,319	1,083,634	1,079,949	1,076,264	1,072,580	1,068,897	1,065,212	1,061,528	1,057,843	1,054,159	1,050,474		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	1,834	1,828	1,822	1,816	1,810	1,803	1,753	1,747	1,741	1,735	1,729	1,723	21,341
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	5,720	5,701	5,681	5,662	5,643	5,623	5,549	5,530	5,510	5,491	5,472	5,453	67,035
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	3.0000%	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	44,220
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.00993	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	14,640
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$12,459	\$12,434	\$12,408	\$12,383	\$12,358	\$12,331	\$12,207	\$12,182	\$12,156	\$12,131	\$12,106	\$12,081	\$147,236	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$12,459	\$12,434	\$12,408	\$12,383	\$12,358	\$12,331	\$12,207	\$12,182	\$12,156	\$12,131	\$12,106	\$12,081	\$147,236	

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.
(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - INTERCESSION CITY CTs (Project 4.1c)
(in Dollars)

Line	Description		Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments															
a.	Expenditures/Additions			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements			0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base		\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	\$1,661,664	
3	Less: Accumulated Depreciation		(1,053,467)	(1,062,606)	(1,071,745)	(1,080,884)	(1,090,023)	(1,099,162)	(1,108,301)	(1,117,440)	(1,126,579)	(1,135,718)	(1,144,857)	(1,153,996)	(1,163,135)	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		\$608,197	\$599,058	\$589,919	\$580,780	\$571,641	\$562,502	\$553,363	\$544,224	\$535,085	\$525,946	\$516,807	\$507,668	\$498,529	
6	Average Net Investment			603,628	594,489	585,350	576,211	567,072	557,933	548,794	539,655	530,516	521,377	512,238	503,099	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%		1,015	1,000	984	969	953	938	900	885	870	855	840	825
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%		3,165	3,117	3,069	3,021	2,973	2,925	2,849	2,801	2,754	2,707	2,659	2,612
c.	Other				0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	6.6000%			9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	109,668
b.	Amortization				0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008500			1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	14,124
e.	Other				0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				\$14,496	\$14,433	\$14,369	\$14,306	\$14,242	\$14,179	\$14,065	\$14,002	\$13,940	\$13,878	\$13,815	\$13,753
a.	Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand				\$14,496	\$14,433	\$14,369	\$14,306	\$14,242	\$14,179	\$14,065	\$14,002	\$13,940	\$13,878	\$13,815	\$13,753

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - AVON PARK CTs (Project 4.1d)
(in Dollars)

Line	Description		Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments															
a.	Expenditures/Additions			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements			0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base		\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	\$178,938	
3	Less: Accumulated Depreciation		(89,897)	(90,613)	(91,329)	(92,045)	(92,761)	(93,477)	(94,193)	(94,909)	(95,625)	(96,341)	(97,057)	(97,773)	(98,489)	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)		\$89,041	\$88,325	\$87,609	\$86,893	\$86,177	\$85,461	\$84,745	\$84,029	\$83,313	\$82,597	\$81,881	\$81,165	\$80,449	
6	Average Net Investment			88,683	87,967	87,251	86,535	85,819	85,103	84,387	83,671	82,955	82,239	81,523	80,807	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%		149	148	147	146	144	143	138	137	136	135	134	133
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%		465	461	457	454	450	446	438	434	431	427	423	419
c.	Other				0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	4.8000%			716	716	716	716	716	716	716	716	716	716	716	8,592
b.	Amortization				0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009420			140	140	140	140	140	140	140	140	140	140	140	1,680
e.	Other				0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				\$1,470	\$1,465	\$1,460	\$1,456	\$1,450	\$1,445	\$1,432	\$1,427	\$1,423	\$1,418	\$1,413	\$1,408
a.	Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand				\$1,470	\$1,465	\$1,460	\$1,456	\$1,450	\$1,445	\$1,432	\$1,427	\$1,423	\$1,418	\$1,413	\$1,408

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BAYBORO CTs (Project 4.1e)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295	\$730,295		
3	Less: Accumulated Depreciation	(220,616)	(222,438)	(224,260)	(226,083)	(227,905)	(229,727)	(231,549)	(233,371)	(235,194)	(237,016)	(238,838)	(240,660)	(242,482)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$509,679	\$507,857	\$506,035	\$504,213	\$502,391	\$500,568	\$498,746	\$496,924	\$495,102	\$493,280	\$491,457	\$489,635	\$487,813		
6	Average Net Investment		508,768	506,946	505,124	503,302	501,480	499,657	497,835	496,013	494,191	492,369	490,546	488,724		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	855	852	849	846	843	840	816	813	810	807	804	801	9,936
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	2,667	2,658	2,648	2,639	2,629	2,620	2,584	2,575	2,565	2,556	2,546	2,537	31,224
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.9936%	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	21,864
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009930	604	604	604	604	604	604	604	604	604	604	604	604	604	7,248
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,948	\$5,936	\$5,923	\$5,911	\$5,898	\$5,886	\$5,826	\$5,814	\$5,801	\$5,789	\$5,776	\$5,764	\$70,272	\$70,272
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$5,948	\$5,936	\$5,923	\$5,911	\$5,898	\$5,886	\$5,826	\$5,814	\$5,801	\$5,789	\$5,776	\$5,764	\$70,272	\$70,272

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - SUWANNEE CTs (Project 4.1f)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199	\$1,037,199		
3	Less: Accumulated Depreciation	(358,152)	(361,004)	(363,856)	(366,708)	(369,560)	(372,412)	(375,264)	(378,116)	(380,968)	(383,820)	(386,672)	(389,524)	(392,376)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$679,047	\$676,195	\$673,343	\$670,491	\$667,639	\$664,787	\$661,935	\$659,083	\$656,231	\$653,379	\$650,527	\$647,675	\$644,823		
6	Average Net Investment		677,621	674,769	671,917	669,065	666,213	663,361	660,509	657,657	654,805	651,953	649,101	646,249		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	1,139	1,135	1,130	1,125	1,120	1,115	1,083	1,078	1,074	1,069	1,064	1,060	13,192
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	3,553	3,538	3,523	3,508	3,493	3,478	3,429	3,414	3,399	3,384	3,370	3,355	41,444
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	3.3000%	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	34,224
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008670	749	749	749	749	749	749	749	749	749	749	749	749	749	8,988
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$8,293	\$8,274	\$8,254	\$8,234	\$8,214	\$8,194	\$8,113	\$8,093	\$8,074	\$8,054	\$8,035	\$8,016	\$97,848	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$8,293	\$8,274	\$8,254	\$8,234	\$8,214	\$8,194	\$8,113	\$8,093	\$8,074	\$8,054	\$8,035	\$8,016	\$97,848	

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - DeBARY CTs (Project 4.1g)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904	\$3,616,904		
3	Less: Accumulated Depreciation	(728,030)	(735,866)	(743,702)	(751,538)	(759,374)	(767,210)	(775,046)	(782,882)	(790,718)	(798,554)	(806,390)	(814,226)	(822,062)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$2,888,874	\$2,881,038	\$2,873,202	\$2,865,366	\$2,857,530	\$2,849,694	\$2,841,858	\$2,834,022	\$2,826,186	\$2,818,350	\$2,810,514	\$2,802,678	\$2,794,842		
6	Average Net Investment		2,884,956	2,877,120	2,869,284	2,861,448	2,853,612	2,845,776	2,837,940	2,830,104	2,822,268	2,814,432	2,806,596	2,798,760		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	4,851	4,838	4,824	4,811	4,798	4,785	4,654	4,641	4,628	4,615	4,602	4,589	56,636
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	15,125	15,084	15,043	15,002	14,961	14,920	14,732	14,691	14,651	14,610	14,569	14,529	177,917
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.6000%	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	\$7,837	94,044
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.011630	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	42,060
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$31,318	\$31,264	\$31,209	\$31,155	\$31,101	\$31,047	\$30,728	\$30,674	\$30,621	\$30,567	\$30,513	\$30,460	\$370,657	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$31,318	\$31,264	\$31,209	\$31,155	\$31,101	\$31,047	\$30,728	\$30,674	\$30,621	\$30,567	\$30,513	\$30,460	\$370,657	

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - University of Florida (Project 4.1h)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435	\$141,435		
3	Less: Accumulated Depreciation	(60,342)	(60,583)	(60,824)	(61,065)	(61,306)	(61,547)	(61,788)	(62,029)	(62,270)	(62,511)	(62,752)	(62,993)	(63,234)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$81,092	\$80,852	\$80,611	\$80,370	\$80,129	\$79,888	\$79,647	\$79,406	\$79,165	\$78,924	\$78,683	\$78,442	\$78,201		
6	Average Net Investment		80,972	80,731	80,490	80,249	80,008	79,767	79,526	79,285	79,044	78,803	78,562	78,321		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	136	136	135	135	135	134	130	130	130	129	129	128	1,587
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	425	423	422	421	419	418	413	412	410	409	408	407	4,987
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.0482%	241	241	241	241	241	241	241	241	241	241	241	241	241	2,892
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.013030	154	154	154	154	154	154	154	154	154	154	154	154	154	1,848
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$956	\$954	\$952	\$951	\$949	\$947	\$938	\$937	\$935	\$933	\$932	\$930	\$11,314	\$11,314
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$956	\$954	\$952	\$951	\$949	\$947	\$938	\$937	\$935	\$933	\$932	\$930	\$11,314	\$11,314

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Higgins (Project 4.1i)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968	\$394,968		
3	Less: Accumulated Depreciation	(182,388)	(184,165)	(185,942)	(187,719)	(189,496)	(191,273)	(193,050)	(194,827)	(196,604)	(198,381)	(200,158)	(201,935)	(203,712)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$212,580	\$210,803	\$209,026	\$207,249	\$205,472	\$203,695	\$201,918	\$200,141	\$198,364	\$196,587	\$194,810	\$193,033	\$191,256		
6	Average Net Investment		211,691	209,914	208,137	206,360	204,583	202,806	201,029	199,252	197,475	195,698	193,921	192,144		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	356	353	350	347	344	341	330	327	324	321	318	315	4,026
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	1,110	1,101	1,091	1,082	1,073	1,063	1,044	1,034	1,025	1,016	1,007	997	12,643
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	5.4000%	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	21,324
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009930	327	327	327	327	327	327	327	327	327	327	327	327	327	3,924
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,570	\$3,558	\$3,545	\$3,533	\$3,521	\$3,508	\$3,478	\$3,465	\$3,453	\$3,441	\$3,429	\$3,416	\$41,917	\$41,917
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$3,570	\$3,558	\$3,545	\$3,533	\$3,521	\$3,508	\$3,478	\$3,465	\$3,453	\$3,441	\$3,429	\$3,416	\$41,917	\$41,917

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 1 & 2 (Project 4.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092	\$33,092		
3	Less: Accumulated Depreciation	(18,339)	(18,441)	(18,543)	(18,645)	(18,747)	(18,849)	(18,951)	(19,053)	(19,155)	(19,257)	(19,359)	(19,461)	(19,563)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$14,753	\$14,651	\$14,549	\$14,447	\$14,345	\$14,243	\$14,141	\$14,039	\$13,937	\$13,835	\$13,733	\$13,631	\$13,529		
6	Average Net Investment		14,702	14,600	14,498	14,396	14,294	14,192	14,090	13,988	13,886	13,784	13,682	13,580		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	25	25	24	24	24	24	23	23	23	23	22	22	282
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	77	77	76	75	75	74	73	73	72	72	71	70	885
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	3.7000%	102	102	102	102	102	102	102	102	102	102	102	102	102	1,224
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.001645	5	5	5	5	5	5	5	5	5	5	5	5	5	60
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$209	\$209	\$207	\$206	\$206	\$205	\$203	\$203	\$202	\$202	\$200	\$199	\$2,451	\$2,451
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$209	\$209	\$207	\$206	\$206	\$205	\$203	\$203	\$202	\$202	\$200	\$199	\$2,451	\$2,451

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 4 & 5 (Project 4.2a)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	\$2,365,947	
3	Less: Accumulated Depreciation	45,572	42,642	39,712	36,782	33,852	30,922	27,992	25,062	22,132	19,202	16,272	13,342	10,412	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$2,411,519	\$2,408,589	\$2,405,659	\$2,402,729	\$2,399,799	\$2,396,869	\$2,393,939	\$2,391,009	\$2,388,079	\$2,385,149	\$2,382,219	\$2,379,289	\$2,376,359	
6	Average Net Investment		2,410,054	2,407,124	2,404,194	2,401,264	2,398,334	2,395,404	2,392,474	2,389,544	2,386,614	2,383,684	2,380,754	2,377,824	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component	2.02%	1.97%	4,052	4,047	4,042	4,038	4,033	4,028	3,923	3,918	3,913	3,909	3,904	47,706
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	12,635	12,620	12,605	12,589	12,574	12,559	12,420	12,404	12,389	12,374	12,359	149,872
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	35,160
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.001645	324	324	324	324	324	324	324	324	324	324	324	324	3,888
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$19,941	\$19,921	\$19,901	\$19,881	\$19,861	\$19,841	\$19,597	\$19,576	\$19,556	\$19,537	\$19,517	\$19,497	\$236,626
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$19,941	\$19,921	\$19,901	\$19,881	\$19,861	\$19,841	\$19,597	\$19,576	\$19,556	\$19,537	\$19,517	\$19,497	\$236,626

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Anclote (Project 4.3)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	
3	Less: Accumulated Depreciation	(72,786)	(73,311)	(73,836)	(74,361)	(74,886)	(75,411)	(75,936)	(76,461)	(76,986)	(77,511)	(78,036)	(78,561)	(79,086)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$217,512	\$216,986	\$216,461	\$215,936	\$215,411	\$214,886	\$214,361	\$213,836	\$213,311	\$212,786	\$212,261	\$211,736	\$211,211	
6	Average Net Investment		217,249	216,724	216,199	215,674	215,149	214,624	214,099	213,574	213,049	212,524	211,999	211,474	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component	2.02%	1.97%	365	364	364	363	362	361	351	350	349	348	347	4,272
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	1,139	1,136	1,133	1,131	1,128	1,125	1,111	1,109	1,106	1,103	1,101	13,420
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.1722%	525	525	525	525	525	525	525	525	525	525	525	525	6,300
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008490	205	205	205	205	205	205	205	205	205	205	205	205	2,460
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,234	\$2,230	\$2,227	\$2,224	\$2,220	\$2,216	\$2,192	\$2,189	\$2,185	\$2,181	\$2,179	\$2,175	\$26,452
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$2,234	\$2,230	\$2,227	\$2,224	\$2,220	\$2,216	\$2,192	\$2,189	\$2,185	\$2,181	\$2,179	\$2,175	\$26,452

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - AVON PARK (Project 7.2a)																
(in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	\$161,754	
3	Less: Accumulated Depreciation	(43,337)	(43,741)	(44,145)	(44,549)	(44,953)	(45,357)	(45,761)	(46,165)	(46,569)	(46,973)	(47,377)	(47,781)	(48,185)	(48,185)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$118,417	\$118,013	\$117,609	\$117,205	\$116,801	\$116,397	\$115,993	\$115,589	\$115,185	\$114,781	\$114,377	\$113,973	\$113,569		
6	Average Net Investment		118,215	117,811	117,407	117,003	116,599	116,195	115,791	115,387	114,983	114,579	114,175	113,771		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	199	198	197	197	196	195	190	189	189	188	187	187	2,312
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	620	618	616	613	611	609	601	599	597	595	593	591	7,263
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	3.0000%	404	404	404	404	404	404	404	404	404	404	404	404	404	4,848
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009420	127	127	127	127	127	127	127	127	127	127	127	127	127	1,524
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,350	\$1,347	\$1,344	\$1,341	\$1,338	\$1,335	\$1,322	\$1,319	\$1,317	\$1,314	\$1,311	\$1,309	\$15,947	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$1,350	\$1,347	\$1,344	\$1,341	\$1,338	\$1,335	\$1,322	\$1,319	\$1,317	\$1,314	\$1,311	\$1,309	\$15,947	

For Project: CAIR CTs - BARTOW (Project 7.2b)																
(in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	\$275,347	
3	Less: Accumulated Depreciation	(53,857)	(54,215)	(54,573)	(54,931)	(55,289)	(55,647)	(56,005)	(56,363)	(56,721)	(57,079)	(57,437)	(57,795)	(58,153)	(58,153)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$221,490	\$221,132	\$220,774	\$220,416	\$220,058	\$219,700	\$219,342	\$218,984	\$218,626	\$218,268	\$217,910	\$217,552	\$217,194		
6	Average Net Investment		221,311	220,953	220,595	220,237	219,879	219,521	219,163	218,805	218,447	218,089	217,731	217,373		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	372	372	371	370	370	369	359	359	358	358	357	356	4,371
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	1,160	1,158	1,157	1,155	1,153	1,151	1,138	1,136	1,134	1,132	1,130	1,128	13,732
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	1.5610%	358	358	358	358	358	358	358	358	358	358	358	358	358	4,296
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009930	228	228	228	228	228	228	228	228	228	228	228	228	228	2,736
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,118	\$2,116	\$2,114	\$2,111	\$2,109	\$2,106	\$2,083	\$2,081	\$2,078	\$2,076	\$2,073	\$2,070	\$25,135	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$2,118	\$2,116	\$2,114	\$2,111	\$2,109	\$2,106	\$2,083	\$2,081	\$2,078	\$2,076	\$2,073	\$2,070	\$25,135	

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - BAYBORO (Project 7.2c) (in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988		
3	Less: Accumulated Depreciation	(47,871)	(48,255)	(48,639)	(49,023)	(49,407)	(49,791)	(50,175)	(50,559)	(50,943)	(51,327)	(51,711)	(52,095)	(52,479)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$151,117	\$150,733	\$150,349	\$149,965	\$149,581	\$149,197	\$148,813	\$148,429	\$148,045	\$147,661	\$147,277	\$146,893	\$146,509		
6	Average Net Investment		150,925	150,541	150,157	149,773	149,389	149,005	148,621	148,237	147,853	147,469	147,085	146,701		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	254	253	252	252	251	251	244	243	242	242	241	241	2,966
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	791	789	787	785	783	781	772	770	768	766	764	762	9,318
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.3149%	384	384	384	384	384	384	384	384	384	384	384	384	384	4,608
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009930	165	165	165	165	165	165	165	165	165	165	165	165	165	1,980
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,594	\$1,591	\$1,588	\$1,586	\$1,583	\$1,581	\$1,565	\$1,562	\$1,559	\$1,557	\$1,554	\$1,552		\$18,872
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$1,594	\$1,591	\$1,588	\$1,586	\$1,583	\$1,581	\$1,565	\$1,562	\$1,559	\$1,557	\$1,554	\$1,552		\$18,872

For Project: CAIR CTs - DeBARY (Project 7.2d) (in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667		
3	Less: Accumulated Depreciation	(27,399)	(27,618)	(27,837)	(28,056)	(28,275)	(28,494)	(28,713)	(28,932)	(29,151)	(29,370)	(29,589)	(29,808)	(30,027)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$60,268	\$60,049	\$59,830	\$59,611	\$59,392	\$59,173	\$58,954	\$58,735	\$58,516	\$58,297	\$58,078	\$57,859	\$57,640		
6	Average Net Investment		60,159	59,940	59,721	59,502	59,283	59,064	58,845	58,626	58,407	58,188	57,969	57,750		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	101	101	100	100	100	99	96	96	96	95	95	95	1,174
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	315	314	313	312	311	310	305	304	303	302	301	300	3,690
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	3.0000%	219	219	219	219	219	219	219	219	219	219	219	219	219	2,628
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.011630	85	85	85	85	85	85	85	85	85	85	85	85	85	1,020
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$720	\$719	\$717	\$716	\$715	\$713	\$705	\$704	\$703	\$701	\$700	\$699		\$8,512
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$720	\$719	\$717	\$716	\$715	\$713	\$705	\$704	\$703	\$701	\$700	\$699		\$8,512

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - HIGGINS (Project 7.2e)																
(in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198		
3	Less: Accumulated Depreciation	(87,177)	(88,016)	(88,855)	(89,694)	(90,533)	(91,372)	(92,211)	(93,050)	(93,889)	(94,728)	(95,567)	(96,406)	(97,245)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$260,021	\$259,182	\$258,343	\$257,504	\$256,665	\$255,826	\$254,987	\$254,148	\$253,309	\$252,470	\$251,631	\$250,792	\$249,953		
6	Average Net Investment		259,601	258,762	257,923	257,084	256,245	255,406	254,567	253,728	252,889	252,050	251,211	250,372		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	436	435	434	432	431	429	417	416	415	413	412	411	5,081
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	1,361	1,357	1,352	1,348	1,343	1,339	1,321	1,317	1,313	1,308	1,304	1,300	15,963
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.9000%	839	839	839	839	839	839	839	839	839	839	839	839	839	10,068
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009930	287	287	287	287	287	287	287	287	287	287	287	287	287	3,444
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,923	\$2,918	\$2,912	\$2,906	\$2,900	\$2,894	\$2,864	\$2,859	\$2,854	\$2,847	\$2,842	\$2,837		\$34,556
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$2,923	\$2,918	\$2,912	\$2,906	\$2,900	\$2,894	\$2,864	\$2,859	\$2,854	\$2,847	\$2,842	\$2,837		\$34,556

For Project: CAIR CTs - INTERCESSION CITY (Project 7.2f)																
(in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583		
3	Less: Accumulated Depreciation	(95,011)	(95,798)	(96,585)	(97,372)	(98,159)	(98,946)	(99,733)	(100,520)	(101,307)	(102,094)	(102,881)	(103,668)	(104,455)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$254,573	\$253,786	\$252,999	\$252,212	\$251,425	\$250,638	\$249,851	\$249,064	\$248,277	\$247,490	\$246,703	\$245,916	\$245,129		
6	Average Net Investment		254,179	253,392	252,605	251,818	251,031	250,244	249,457	248,670	247,883	247,096	246,309	245,522		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	427	426	425	423	422	421	409	408	406	405	404	403	4,979
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	1,333	1,328	1,324	1,320	1,316	1,312	1,295	1,291	1,287	1,283	1,279	1,275	15,643
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.7000%	787	787	787	787	787	787	787	787	787	787	787	787	787	9,444
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008500	248	248	248	248	248	248	248	248	248	248	248	248	248	2,976
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,795	\$2,789	\$2,784	\$2,778	\$2,773	\$2,768	\$2,739	\$2,734	\$2,728	\$2,723	\$2,718	\$2,713		\$33,042
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$2,795	\$2,789	\$2,784	\$2,778	\$2,773	\$2,768	\$2,739	\$2,734	\$2,728	\$2,723	\$2,718	\$2,713		\$33,042

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - TURNER (Project 7.2g) (in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3a	Regulatory Asset Balance (B)	48,372	45,147	41,922	38,698	35,473	32,248	29,023	25,798	22,574	19,349	16,124	12,899	9,674		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$48,372	\$45,147	\$41,922	\$38,698	\$35,473	\$32,248	\$29,023	\$25,798	\$22,574	\$19,349	\$16,124	\$12,899	\$9,674		
6	Average Net Investment		46,760	43,535	40,310	37,085	33,860	30,636	27,411	24,186	20,961	17,736	14,512	11,287		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	79	73	68	62	57	52	45	40	34	29	24	19	582
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	245	228	211	194	178	161	142	126	109	92	75	59	1,820
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	1.2187%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (B)		3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	38,698
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.011630	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,549	\$3,526	\$3,504	\$3,481	\$3,460	\$3,438	\$3,412	\$3,391	\$3,368	\$3,346	\$3,324	\$3,303		\$41,100
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$3,549	\$3,526	\$3,504	\$3,481	\$3,460	\$3,438	\$3,412	\$3,391	\$3,368	\$3,346	\$3,324	\$3,303		\$41,100

For Project: CAIR CTs - SUWANNEE (Project 7.2h) (in Dollars)																
Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560		
3	Less: Accumulated Depreciation	(56,190)	(56,613)	(57,036)	(57,459)	(57,882)	(58,305)	(58,728)	(59,151)	(59,574)	(59,997)	(60,420)	(60,843)	(61,266)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$325,370	\$324,947	\$324,524	\$324,101	\$323,678	\$323,255	\$322,832	\$322,409	\$321,986	\$321,563	\$321,140	\$320,717	\$320,294		
6	Average Net Investment		325,158	324,735	324,312	323,889	323,466	323,043	322,620	322,197	321,774	321,351	320,928	320,505		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	547	546	545	545	544	543	529	528	528	527	526	526	6,434
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	1,705	1,703	1,700	1,698	1,696	1,694	1,675	1,673	1,670	1,668	1,666	1,664	20,212
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	1.3299%	423	423	423	423	423	423	423	423	423	423	423	423	423	5,076
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008060	256	256	256	256	256	256	256	256	256	256	256	256	256	3,072
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,931	\$2,928	\$2,924	\$2,922	\$2,919	\$2,916	\$2,883	\$2,880	\$2,877	\$2,874	\$2,871	\$2,869		\$34,794
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$2,931	\$2,928	\$2,924	\$2,922	\$2,919	\$2,916	\$2,883	\$2,880	\$2,877	\$2,874	\$2,871	\$2,869		\$34,794

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.
(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

For Project: CAIR Crystal River - FGD Common (Project 7.4d)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100		
3	Less: Accumulated Depreciation	(129,041)	(133,465)	(137,889)	(142,313)	(146,737)	(151,161)	(155,585)	(160,009)	(164,433)	(168,857)	(173,281)	(177,705)	(182,129)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$2,020,059	\$2,015,635	\$2,011,211	\$2,006,787	\$2,002,363	\$1,997,939	\$1,993,515	\$1,989,091	\$1,984,667	\$1,980,243	\$1,975,819	\$1,971,395	\$1,966,971		
6	Average Net Investment		2,017,847	2,013,423	2,008,999	2,004,575	2,000,151	1,995,727	1,991,303	1,986,879	1,982,455	1,978,031	1,973,607	1,969,183		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%		3,393	3,385	3,378	3,371	3,363	3,356	3,265	3,258	3,251	3,243	3,236	3,229	39,728
b.	Equity Component Grossed Up For Taxes	6.29%		10,579	10,556	10,533	10,510	10,486	10,463	10,337	10,314	10,291	10,268	10,245	10,222	124,804
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.4700%		4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	53,088	
b.	Amortization			0	0	0	0	0	0	0	0	0	0	0	0	
c.	Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
d.	Property Taxes	0.001703		305	305	305	305	305	305	305	305	305	305	305	3,660	
e.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)			\$18,701	\$18,670	\$18,640	\$18,610	\$18,578	\$18,548	\$18,331	\$18,301	\$18,271	\$18,240	\$18,210	\$18,180	\$221,280
a.	Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand			\$18,701	\$18,670	\$18,640	\$18,610	\$18,578	\$18,548	\$18,331	\$18,301	\$18,271	\$18,240	\$18,210	\$18,180	\$221,280

For Project: Crystal River 4 and 5 - Conditions of Certification (Project 7.4q)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$3,357,899	\$3,068,868	\$6,676,348	\$2,974,452	\$2,891,636	\$3,556,825	\$4,945,014	\$5,441,852	\$4,533,960	\$2,574,719	\$4,389,767	\$2,191,660	\$46,603,000
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	
3	Less: Accumulated Depreciation	(34,043)	(34,803)	(35,563)	(36,323)	(37,083)	(37,843)	(38,603)	(39,363)	(40,123)	(40,883)	(41,643)	(42,403)	(43,163)	
4	CWIP - Non-Interest Bearing	30,270,290	33,628,190	36,697,058	43,373,406	46,347,858	49,239,494	52,796,318	57,741,332	63,183,184	67,717,144	70,291,863	74,681,630	76,873,290	
5	Net Investment (Lines 2 + 3 + 4)	\$30,850,257	\$34,207,397	\$37,275,505	\$43,951,093	\$46,924,784	\$49,815,661	\$53,371,725	\$58,315,979	\$63,757,071	\$68,290,271	\$70,864,230	\$75,253,237	\$77,444,137	
6	Average Net Investment		32,528,827	35,741,451	40,613,299	45,437,939	48,370,223	51,593,693	55,843,852	61,036,525	66,023,671	69,577,251	73,058,734	76,348,687	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component	2.02%	54,695	60,096	68,288	76,400	81,330	86,750	91,570	100,085	108,262	114,089	119,798	125,193	1,086,556
b.	Equity Component Grossed Up For Taxes	6.29%	170,542	187,385	212,927	238,221	253,595	270,495	289,891	316,847	342,736	361,183	379,255	396,334	3,419,411
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	760	760	760	760	760	760	760	760	760	760	760	760	9,120
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.001703	87	87	87	87	87	87	87	87	87	87	87	87	1,044
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$226,084	\$248,328	\$282,062	\$315,468	\$335,772	\$358,092	\$382,308	\$417,779	\$451,845	\$476,119	\$499,900	\$522,374	\$4,516,131
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$226,084	\$248,328	\$282,062	\$315,468	\$335,772	\$358,092	\$382,308	\$417,779	\$451,845	\$476,119	\$499,900	\$522,374	\$4,516,131

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-2013-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.
(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR Crystal River - FGD Common (Project 7.4r) - CR4 Clinker Mitigation
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998		
3	Less: Accumulated Depreciation	(71,533)	(72,894)	(74,255)	(75,616)	(76,977)	(78,338)	(79,699)	(81,060)	(82,421)	(83,782)	(85,143)	(86,504)	(87,865)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$589,465	\$588,104	\$586,743	\$585,382	\$584,021	\$582,660	\$581,299	\$579,938	\$578,577	\$577,216	\$575,855	\$574,494	\$573,133		
6	Average Net Investment		588,785	587,424	586,063	584,702	583,341	581,980	580,619	579,258	577,897	576,536	575,175	573,814		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	990	988	985	983	981	979	952	950	948	945	943	941	11,585
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	3,087	3,080	3,073	3,065	3,058	3,051	3,014	3,007	3,000	2,993	2,986	2,979	36,393
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.4700%	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	16,332
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.001703	94	94	94	94	94	94	94	94	94	94	94	94	94	1,128
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,532	\$5,523	\$5,513	\$5,503	\$5,494	\$5,485	\$5,421	\$5,412	\$5,403	\$5,393	\$5,384	\$5,375	\$65,438	\$65,438
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$5,532	\$5,523	\$5,513	\$5,503	\$5,494	\$5,485	\$5,421	\$5,412	\$5,403	\$5,393	\$5,384	\$5,375	\$65,438	\$65,438

For Project: CAIR Crystal River - FGD Common (Project 7.4s) - CR5 Clinker Mitigation
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-18	Actual Feb-18	Actual Mar-18	Actual Apr-18	Actual May-18	Actual Jun-18	Actual Jul-18	Actual Aug-18	Actual Sep-18	Actual Oct-18	Actual Nov-18	Actual Dec-18	Period Total	
1	Investments															
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904		
3	Less: Accumulated Depreciation	(41,839)	(42,880)	(43,921)	(44,962)	(46,003)	(47,044)	(48,085)	(49,126)	(50,167)	(51,208)	(52,249)	(53,290)	(54,331)		
4	CWIP - Non-Interest Bearing	-	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$464,065	\$463,024	\$461,983	\$460,942	\$459,901	\$458,860	\$457,819	\$456,778	\$455,737	\$454,696	\$453,655	\$452,614	\$451,573		
6	Return on Average Net Investment (A)		463,545	462,504	461,463	460,422	459,381	458,340	457,299	456,258	455,217	454,176	453,135	452,094		
7	Return on Average Net Investment	Jan-Jun	Jul-Dec													
a.	Debt Component	2.02%	1.97%	779	778	776	774	772	771	750	748	746	745	743	741	9,123
b.	Equity Component Grossed Up For Taxes	6.29%	6.23%	2,430	2,425	2,419	2,414	2,408	2,403	2,374	2,368	2,363	2,358	2,352	2,347	28,661
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a.	Depreciation	2.4700%	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	12,492
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.001703	72	72	72	72	72	72	72	72	72	72	72	72	72	864
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$4,322	\$4,316	\$4,308	\$4,301	\$4,293	\$4,287	\$4,237	\$4,229	\$4,222	\$4,216	\$4,208	\$4,201	\$51,140	
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$4,322	\$4,316	\$4,308	\$4,301	\$4,293	\$4,287	\$4,237	\$4,229	\$4,222	\$4,216	\$4,208	\$4,201	\$51,140	

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-2013-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.
(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Commission Forms 42-1E Through 42-9E

January 2019 - December 2019
Calculation for the Current Period Actual / Estimated Amount
Actuals for the Period January 2019 - June 2019
Estimates for the Period July 2019 - December 2019

Docket No. 20190007-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 9
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Christopher Menendez CAM-3

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2019 - December 2019
(in Dollars)

Form 42-1E

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-3)
Page 2 of 27

<u>Line</u>		<u>Period Amount</u>
1	Over/(Under) Recovery for the Period (Form 42-2E, Line 5)	\$ 16,350,783
2	Interest Provision (Form 42-2E, Line 6)	315,223
3	Sum of Current Period Adjustments (Form 42-2E, Line 10)	<u>0</u>
4	Final True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2019 to December 2019 (Lines 1 + 2 + 3)	<u>\$ 16,666,006</u>

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2019 - December 2019

Form 42-2E

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ____ (CAM-3)
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End-of-Period True-Up Amount
(in Dollars)

Line	Description	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	ECRC Revenues (net of Revenue Taxes)	\$3,815,052	\$3,854,689	\$3,938,619	\$4,104,582	\$4,513,384	\$5,409,150	\$5,946,856	\$5,972,701	\$6,048,990	\$5,533,383	\$4,542,215	\$4,329,600	\$58,009,220
2	True-Up Provision (Order No. PSC-2018-0594-FOF-EI)	771,582	771,582	771,582	771,582	771,582	771,582	771,582	771,582	771,582	771,582	771,582	771,582	9,258,985
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	\$4,586,634	4,626,271	4,710,201	4,876,164	5,284,966	6,180,732	6,718,438	6,744,283	6,820,572	6,304,965	5,313,797	5,101,182	67,268,205
4	Jurisdictional ECRC Costs													
	a. O & M Activities (Form 42-5E, Line 9)	\$1,866,306	1,405,024	3,060,780	2,625,102	1,945,487	2,069,398	2,279,074	2,123,504	2,228,789	2,040,053	1,990,521	1,822,108	25,456,146
	b. Capital Investment Projects (Form 42-7E, Line 9)	2,086,990	2,196,483	2,195,214	2,150,764	2,129,801	2,132,027	2,086,588	2,098,240	2,081,815	2,081,631	2,118,685	2,103,039	25,461,276
	c. Other	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Total Jurisdictional ECRC Costs	\$3,953,296	\$3,601,507	\$5,255,994	\$4,775,866	\$4,075,288	\$4,201,425	\$4,365,662	\$4,221,744	\$4,310,604	\$4,121,684	\$4,109,206	\$3,925,147	\$50,917,422
5	Over/(Under) Recovery (Line 3 - Line 4d)	\$633,338	1,024,765	(545,792)	100,298	1,209,678	1,979,307	2,352,775	2,522,539	2,509,968	2,183,281	1,204,591	1,176,035	\$16,350,783
6	Interest Provision (Form 42-3E, Line 10)	22,469	22,630	21,929	20,043	19,457	20,940	23,757	27,120	30,645	33,841	35,744	36,648	315,223
7	Beginning Balance True-Up & Interest Provision	9,258,985	9,143,210	9,419,022	8,123,577	7,472,336	7,929,889	9,158,553	10,763,504	12,541,581	14,310,612	15,756,152	16,224,905	9,258,985
	a. Deferred True-Up - January 2018 to December 2018 (2018 TU filing dated March 29, 2019)	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942	1,988,942
8	True-Up Collected/(Refunded) (Line 2)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(771,582)	(9,258,985)
9	End of Period Total True-Up (Lines 5+6+7+7a+8)	\$11,132,152	11,407,964	10,112,519	9,461,278	9,918,831	11,147,495	12,752,446	14,530,523	16,299,554	17,745,094	18,213,847	18,654,948	\$18,654,948
10	Adjustments to Period Total True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11	End of Period Total True-Up (Over/(Under) (Lines 9 + 10)	\$11,132,152	\$11,407,964	\$10,112,519	\$9,461,278	\$9,918,831	\$11,147,495	12,752,446	\$14,530,523	\$16,299,554	\$17,745,094	\$18,213,847	\$18,654,948	\$18,654,948

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2019 - December 2019

Form 42-3E

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ____ (CAM-3)
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Interest Provision
(in Dollars)

Line	Description	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Beginning True-Up Amount (Form 42-2E, Lines 7 + 7a + 10)	\$11,247,927	\$11,132,152	\$11,407,964	\$10,112,519	\$9,461,278	\$9,918,831	\$11,147,495	\$12,752,446	\$14,530,523	\$16,299,554	\$17,745,094	\$18,213,847	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2E, Lines 5 + 8)	11,109,683	11,385,334	10,090,590	9,441,235	9,899,374	11,126,555	12,728,689	14,503,403	16,268,909	17,711,253	18,178,103	18,618,300	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	22,357,610	22,517,486	21,498,554	19,553,753	19,360,651	21,045,386	23,876,184	27,255,849	30,799,432	34,010,807	35,923,196	36,832,146	
4	Average True-Up Amount (Line 3 x 1/2)	11,178,805	11,258,743	10,749,277	9,776,877	9,680,326	10,522,693	11,938,092	13,627,925	15,399,716	17,005,404	17,961,598	18,416,073	
5	Interest Rate (Last Business Day of Prior Month)	2.42%	2.41%	2.41%	2.48%	2.43%	2.39%	2.39%	2.39%	2.39%	2.39%	2.39%	2.39%	
6	Interest Rate (Last Business Day of Current Month)	2.41%	2.41%	2.48%	2.43%	2.39%	2.39%	2.39%	2.39%	2.39%	2.39%	2.39%	2.39%	
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	4.83%	4.82%	4.89%	4.91%	4.82%	4.78%	4.78%	4.78%	4.78%	4.78%	4.78%	4.78%	
8	Average Interest Rate (Line 7 x 1/2)	2.415%	2.410%	2.445%	2.455%	2.410%	2.390%	2.390%	2.390%	2.390%	2.390%	2.390%	2.390%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.201%	0.201%	0.204%	0.205%	0.201%	0.199%	0.199%	0.199%	0.199%	0.199%	0.199%	0.199%	
10	Interest Provision for the Month (Line 4 x Line 9)	\$22,469	\$22,630	\$21,929	\$20,043	\$19,457	\$20,940	\$23,757	\$27,120	\$30,645	\$33,841	\$35,744	\$36,648	315,223

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2019 - December 2019

Form 42-4E

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-3)
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Variance Report of O&M Activities
(In Dollars)

Line	Description	(1) Actual / Estimated	(2) Projection Filing	(3) Amount	(4) Variance Percent
1	O&M Activities - System				
1	Transmission Substation Environmental Investigation, Remediation and Pollution Prevention	\$618,709	\$408,504	\$210,205	51%
1a	Distribution Substation Environmental Investigation, Remediation and Pollution Prevention	12,053	0	12,053	100%
2	Distribution System Environmental Investigation, Remediation and Pollution Prevention	7,500	8,000	(500)	-6%
3	Pipeline Integrity Management - Bartow /Anclote Pipeline - Intm	0	0	0	0%
4	Above Ground Tank Secondary Containment	0	0	0	0%
5	SO2/NOx Emissions Allowances - Energy	16,059	20,482	(4,423)	-22%
6	Phase II Cooling Water Intake 316(b) - Base	326,355	160,200	166,155	104%
6 a	Phase II Cooling Water Intake 316(b) - Intm	390,922	138,600	252,322	182%
7 2	CAIR/CAMR - Peaking	0	0	0	0%
7.4	CAIR/CAMR Crystal River - Base	14,706,826	15,642,100	(935,274)	-6%
7.4	CAIR/CAMR Crystal River - Energy	8,070,700	17,127,387	(9,056,687)	-53%
7.4	CAIR/CAMR Crystal River - A&G	88,186	125,297	(37,111)	-30%
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	924,619	2,900,394	(1,975,775)	-68%
7 5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0%
8	Arsenic Groundwater Standard - Base	150,000	150,000	0	0%
9	Sea Turtle - Coastal Street Lighting - Distrib	(47,974)	350	(48,324)	-13807%
11	Modular Cooling Towers - Base	0	0	0	0%
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0%
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0%
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0%
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0%
15.1	Effluent Limitation Guidelines Program CRN - Energy	0	0	0	0%
16	National Pollutant Discharge Elimination System (NPDES) - Energy	26,374	25,600	774	3%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	162,841	598,000	(435,159)	-73%
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	0	0	0	0%
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	45,152	60,000	(14,848)	-25%
18	Coal Combustion Residual (CCR) Rule - Energy	2,022,617	4,127,212	(2,104,595)	-51%
2	Total O&M Activities - Recoverable Costs	\$27,520,938	\$41,492,125	(\$13,971,187)	-34%
3	Recoverable Costs Allocated to Energy	11,268,361	24,859,075	(13,590,713)	-55%
4	Recoverable Costs Allocated to Demand	\$16,252,577	\$16,633,050	(\$380,473)	-2%

Notes:

Column (1) End of Period Totals on Form 42-5E
Column (2) 2019 Projection Filing Form 42-2P
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2019 - December 2019

Form 42-5E

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
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		O&M Activities (in Dollars)												End of Period Total
Line	Description	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	
1	O&M Activities - System													
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$15,946	\$158,436	\$250,680	\$41,115	\$118,533	\$9,507	\$24,492	\$0	\$0	\$0	\$0	\$0	\$618,709
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	(7,714)	2,536	10,402	2,262	2,412	2,156	0	0	0	0	0	0	12,053
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	0	0	0	0	0	6,755	745	0	0	0	0	0	7,500
3	Pipeline Integrity Management - Bartow/Ancloste Pipeline - Intm	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Above Ground Tank Secondary Containment - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
5	SO2/NOx Emissions Allowances - Energy	1,965	729	0	116	914	1,046	1,968	2,035	1,932	1,798	1,937	1,618	16,059
6	Phase II Cooling Water Intake 316(b) - Base	13,731	28,160	26,572	23,280	2,724	47,199	10,773	57,972	0	57,972	0	57,972	326,355
6a	Phase II Cooling Water Intake 316(b) - Intm	3,372	46,388	0	24,895	103,742	(47,199)	100,330	53,131	0	53,131	0	53,131	390,922
7.2	CAIR/CAMR - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River - Base	1,204,590	1,302,839	2,257,606	1,719,390	960,939	939,462	1,016,000	1,016,000	1,260,000	1,010,000	1,010,000	1,010,000	14,706,826
7.4	CAIR/CAMR Crystal River - Energy	505,618	68,407	573,674	535,668	499,090	771,637	1,139,418	887,140	823,030	820,325	852,459	594,234	8,070,700
7.4	CAIR/CAMR Crystal River - A&G	6,860	7,229	8,724	7,013	7,034	7,233	7,349	7,349	7,349	7,349	7,349	7,349	88,186
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	0	64,404	11,738	78,832	76,671	92,974	100,000	100,000	100,000	100,000	100,000	100,000	924,619
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Arsenic Groundwater Standard - Base	0	13,525	35,032	4,949	5,029	13,359	17,129	0	30,488	0	0	30,489	150,000
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	0	(47,974)	0	0	0	0	0	(47,974)
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines Program CRN - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
16	National Pollutant Discharge Elimination System (NPDES) - Energy	0	0	0	2,135	3,339	0	1,800	5,100	9,500	4,500	0	0	26,374
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	0	0	0	1,841	0	0	30,000	31,000	25,000	25,000	25,000	25,000	162,841
17.1	Mercury & Air Toxic Standards (MATS) Ancloste Gas Conversion - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	(12)	0	0	45,164	0	0	0	0	0	0	0	0	45,152
18	Coal Combustion Residual (CCR) Rule - Energy	245,538	(131,514)	159,158	326,069	354,854	361,379	100,394	148,212	137,766	125,555	115,065	80,143	2,022,617
2	Total O&M Activities - Recoverable Costs	\$1,989,895	\$1,561,138	\$3,333,586	\$2,812,727	\$2,135,282	\$2,205,508	\$2,502,425	\$2,307,939	\$2,395,065	\$2,205,630	\$2,111,810	\$1,959,935	\$27,520,938
3	Recoverable Costs Allocated to Energy	753,109	2,026	744,570	989,824	934,868	1,227,036	1,373,580	1,173,487	1,097,228	1,077,178	1,094,461	800,994	11,268,361
4	Recoverable Costs Allocated to Demand - Transm	15,946	158,436	250,680	41,115	118,533	9,507	24,492	0	0	0	0	0	618,709
	Recoverable Costs Allocated to Demand - Distrib	(7,714)	2,536	10,402	2,262	2,412	8,911	(47,229)	0	0	0	0	0	(28,420)
	Recoverable Costs Allocated to Demand - Prod-Base	1,218,321	1,344,524	2,319,210	1,747,618	968,693	1,000,020	1,043,902	1,073,972	1,290,488	1,067,972	1,010,000	1,098,461	15,183,181
	Recoverable Costs Allocated to Demand - Prod-Intm	3,372	46,388	0	24,895	103,742	(47,199)	100,330	53,131	0	53,131	0	53,131	390,922
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
	Recoverable Costs Allocated to Demand - A&G	6,860	7,229	8,724	7,013	7,034	7,233	7,349	7,349	7,349	7,349	7,349	7,349	88,186
5	Retail Energy Jurisdictional Factor	0.95910	0.96140	0.95640	0.95580	0.93930	0.93930	0.91693	0.92073	0.93259	0.93075	0.95529	0.94423	
6	Retail Transmission Demand Jurisdictional Factor	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
	Retail Production Demand Jurisdictional Factor - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Production Demand Jurisdictional Factor - Intm	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Production Demand Jurisdictional Factor - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
	Retail Production Demand Jurisdictional Factor - A&G	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	
7	Jurisdictional Energy Recoverable Costs (A)	722,307	1,947	712,107	946,074	878,121	1,152,555	1,259,479	1,080,466	1,023,268	1,002,588	1,045,531	756,324	10,580,767
8	Jurisdictional Demand Recoverable Costs - Transm (B)	11,195	111,227	175,985	28,864	83,214	6,674	17,194	0	0	0	0	0	434,353
	Jurisdictional Demand Recoverable Costs - Distrib (B)	(7,680)	2,525	10,357	2,252	2,401	8,872	(47,021)	0	0	0	0	0	(28,294)
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,131,637	1,248,861	2,154,198	1,623,275	899,770	928,869	969,628	997,559	1,198,670	991,986	938,139	1,020,305	14,102,897
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	2,452	33,725	0	18,099	75,424	(34,315)	72,943	38,628	0	38,628	0	38,628	284,212
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jurisdictional Demand Recoverable Costs - A&G (B)	6,395	6,739	8,133	6,538	6,557	6,743	6,851	6,851	6,851	6,851	6,851	6,851	82,211
9	Total Jurisdictional Recoverable Costs - O&M Activities (Lines 7 + 8)	\$1,866,306	\$1,405,024	\$3,060,780	\$2,625,102	\$1,945,487	\$2,069,398	\$2,279,074	\$2,123,504	\$2,228,789	\$2,040,053	\$1,990,521	\$1,822,108	\$25,456,146

Notes

- (A) Line 3 x Line 5
(B) Line 4 x Line 6

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2019 - December 2019

Form 42-6E

Docket No. 20190007-El
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ____ (CAM-3)
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Variance Report of Capital Investment Activities
(in Dollars)

Line	Description	(1) Actual / Estimated	(2) Projection Filing	(3) Variance Amount	(4) Percent
1	Capital Investment Activities - System				
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline	\$410,598	\$410,604	(\$6)	0%
4.x	Above Ground Tank Secondary Containment	1,260,408	1,264,836	(4,428)	0%
5	SO2/NOx Emissions Allowances	251,663	253,241	(1,578)	-1%
6	Phase II Cooling Water Intake 316(b) - Base	244,199	195,009	49,190	25%
7.x	CAIR/CAMR	8,162,591	7,840,193	322,398	4%
9	Sea Turtle - Coastal Street Lighting	1,053	1,119	(66)	-6%
10.x	Underground Storage Tanks	21,192	21,285	(93)	0%
11	Modular Cooling Towers	0	0	0	0%
11.1	Crystal River Thermal Discharge Compliance Project	0	0	0	0%
15.1	Effluent Limitation Guidelines CRN (ELG)	88,881	112,434	(23,553)	-21%
16	National Pollutant Discharge Elimination System (NPDES)	1,405,468	1,411,345	(5,877)	0%
17x	Mercury & Air Toxics Standards (MATS)	15,645,294	15,721,883	(76,589)	0%
18	Coal Combustion Residual (CCR) Rule	43,974	47,146	(3,172)	-7%
2	Total Capital Investment Activities - Recoverable Costs	\$27,535,321	\$27,279,095	\$256,226	1%
3	Recoverable Costs Allocated to Energy	\$15,986,748	\$16,067,235	(\$80,487)	-1%
4	Recoverable Costs Allocated to Demand	\$11,548,573	\$11,211,860	\$336,713	3%

Notes:

Column (1) End of Period Totals on Form 42-7E
Column (2) 2019 Projection Filing Form 42-3P
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2019 - December 2019

Form 42-7E

Docket No. 20190007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ____ (CAM-3)
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Capital Investment Projects-Recoverable Costs
(in Dollars)

Line	Description	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investment Projects - System (A)													
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intermediate	\$52,469	\$52,142	\$51,814	\$51,489	\$51,162	\$50,834	50,501	\$50,186	\$0	\$0	\$0	\$0	\$410,598
4.1	Above Ground Tank Secondary Containment - Peaking	120,367	119,886	119,416	73,364	73,181	72,998	72,315	72,133	71,952	71,772	71,593	71,409	1,010,386
4.2	Above Ground Tank Secondary Containment - Base	18,968	18,948	18,929	18,909	18,890	18,869	18,639	18,620	18,601	18,581	18,561	18,541	225,056
4.3	Above Ground Tank Secondary Containment - Intermediate	2,109	2,105	2,102	2,098	2,095	2,091	2,070	2,066	2,063	2,059	2,056	2,052	24,966
5	SO ₂ /NO _x Emissions Allowances - Energy	21,152	21,144	21,141	21,140	21,137	21,130	20,834	20,822	20,809	20,796	20,784	20,774	251,663
6	Phase II Cooling Water Intake 316(b) - Base	8,812	9,254	10,288	11,385	12,362	13,565	18,447	25,704	30,277	32,964	34,852	36,289	244,199
7.1	CAIR/CAMR Anclote- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	16,902	16,857	16,814	13,556	13,535	13,512	13,370	13,347	13,326	13,304	13,284	13,261	171,067
7.3	CAMR Crystal River - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River AFUDC - Base	538,216	656,077	663,954	669,131	671,366	674,686	670,674	672,058	672,045	671,612	671,174	670,740	7,901,733
7.4	CAIR/CAMR Crystal River AFUDC - Energy	8,456	7,874	7,885	7,944	8,701	9,351	7,692	6,377	6,377	6,377	6,377	6,377	89,791
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Sea Turtle - Coastal Street Lighting -Distribution	88	87	87	87	87	87	86	88	89	89	89	89	1,053
10.1	Underground Storage Tanks - Base	1,220	1,217	1,216	1,214	1,211	1,210	1,197	1,195	1,193	1,191	1,189	1,188	14,441
10.2	Underground Storage Tanks - Intermediate	571	571	570	568	567	566	560	558	557	556	554	553	6,751
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (Post 2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines CRN (ELG) - Base	2,837	2,848	2,966	3,184	3,307	3,319	4,440	6,942	9,594	12,248	18,427	18,769	88,881
16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	118,882	118,649	118,416	118,183	117,950	117,717	116,520	116,290	116,060	115,830	115,601	115,370	1,405,468
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	28,856	28,814	28,770	28,728	28,684	28,642	28,299	28,257	28,215	28,173	28,130	28,087	341,659
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	1,101,605	1,100,021	1,098,438	1,096,854	1,095,269	1,093,684	1,081,683	1,080,121	1,078,558	1,076,996	1,075,433	1,073,870	13,052,526
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	190,948	190,492	190,033	189,575	189,119	188,664	186,506	186,055	185,604	185,153	184,703	184,252	2,251,109
18	Coal Combustion Residual (CCR) Rule - Base	3,713	3,707	3,702	3,696	3,691	3,686	3,642	3,638	3,633	3,627	3,622	3,617	43,974
2	Total Investment Projects - Recoverable Costs	\$2,236,171	\$2,350,694	\$2,356,541	\$2,311,106	\$2,312,315	\$2,314,612	\$2,297,475	\$2,304,457	\$2,258,954	\$2,261,329	\$2,266,430	\$2,265,239	\$27,535,321
3	Recoverable Costs Allocated to Energy	1,351,017	1,348,346	1,346,267	1,344,242	1,342,911	1,341,472	1,325,014	1,321,633	1,319,564	1,317,496	1,315,428	1,313,361	15,986,748
	Recoverable Costs Allocated to Distribution Demand	88	87	87	87	87	87	86	88	89	89	89	89	1,053
4	Recoverable Costs Allocated to Demand - Production - Base	573,766	692,051	701,055	707,519	710,827	715,335	717,039	728,157	735,343	740,223	747,825	749,144	8,518,284
	Recoverable Costs Allocated to Demand - Production - Intermediate	174,031	173,467	172,902	172,338	171,774	171,208	169,651	169,100	118,680	118,445	118,211	117,975	1,847,783
	Recoverable Costs Allocated to Demand - Production - Peaking	137,269	136,743	136,230	86,920	86,716	86,510	85,685	85,480	85,278	85,076	84,877	84,670	1,181,453
5	Retail Energy Jurisdictional Factor	0.95910	0.96140	0.95640	0.95580	0.93930	0.93930	0.91693	0.92073	0.93259	0.93075	0.95529	0.94423	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
6	Retail Demand Jurisdictional Factor - Production - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Demand Jurisdictional Factor - Production - Intermediate	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Demand Jurisdictional Factor - Production - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
7	Jurisdictional Energy Recoverable Costs (B)	1,295,760	1,296,300	1,287,570	1,284,826	1,261,396	1,260,044	1,214,947	1,216,868	1,230,617	1,226,265	1,256,619	1,240,118	15,071,329
	Jurisdictional Demand Recoverable Costs - Distribution (B)	88	87	87	87	87	87	86	88	89	89	89	89	1,048
8	Jurisdictional Demand Recoverable Costs - Production - Base (C)	532,943	642,812	651,175	657,179	660,252	664,439	666,022	676,349	683,023	687,556	694,617	695,842	7,912,208
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	126,526	126,116	125,705	125,295	124,885	124,473	123,341	122,940	86,284	86,113	85,943	85,771	1,343,393
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	131,674	131,169	130,677	83,377	83,181	82,984	82,192	81,996	81,802	81,608	81,417	81,219	1,133,297
9	Total Jurisdictional Recoverable Costs - Investment Projects (Lines 7 + 8)	\$2,086,990	\$2,196,483	\$2,195,214	\$2,150,764	\$2,129,801	\$2,132,027	\$2,086,588	\$2,098,240	\$2,081,815	\$2,081,631	\$2,118,685	\$2,103,039	\$25,461,276

Notes

- (A) Each project's Total System Recoverable Expenses on Form 42-8E, Line 9; Form 42-8E, Line 5 for Projects 5 - Emission Allowances and Project 7. 4 - Reagents.
(B) Line 3 x Line 5
(C) Line 4 x Line 6

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Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ____ (CAM-3)
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Return on Capital Investments, Depreciation and Taxes
For Project: PIPELINE INTEGRITY MANAGEMENT - Bartow/Anclole Pipeline - Intermediate (Project 3.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
3a	Regulatory Asset Balance (G)	400,142	350,125	300,108	250,091	200,074	150,057	100,040	50,024	0	(0)	0	(0)	(0)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$400,142	\$350,125	\$300,108	\$250,091	\$200,074	\$150,057	\$100,041	\$50,024	\$0	\$0	\$0	\$0	\$0	
6	Average Net Investment		\$375,134	\$325,117	\$275,100	\$225,083	\$175,066	\$125,049	\$75,032	\$25,012	\$0	\$0	\$0	\$0	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	652	566	478	392	305	217	123	41	0	0	0	2,774
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	1,800	1,559	1,319	1,080	840	600	361	121	0	0	0	7,680
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (G)		50,017	50,017	50,017	50,017	50,017	50,017	50,017	50,024	0	0	0	0	400,144
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$52,469	\$52,142	\$51,814	\$51,489	\$51,162	\$50,834	\$50,501	\$50,186	\$0	\$0	\$0	\$0	410,598
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		52,469	52,142	51,814	51,489	51,162	50,834	50,501	50,186	0	0	0	0	410,598
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		38,147	37,909	37,670	37,434	37,196	36,958	36,716	36,486	0	0	0	0	298,517
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$38,147	\$37,909	\$37,670	\$37,434	\$37,196	\$36,958	\$36,716	\$36,486	\$0	\$0	\$0	\$0	\$298,517

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in- service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11
(G) Projects 3.1b, 3.1c, and 3.1d amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI. Project 3.1a amortized over 26 months as approved in Order PSC-2018-0014-FOF-EI.

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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Peaking (Project 4.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (A)	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	
3	Less: Accumulated Depreciation	(3,410,659)	(3,438,728)	(3,466,797)	(3,494,866)	(3,522,935)	(3,551,004)	(3,579,073)	(3,607,142)	(3,635,211)	(3,663,280)	(3,691,349)	(3,719,418)	(3,747,487)	
3a	Regulatory Asset Balance (G)	137,132	91,425	45,718	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$5,961,677	\$5,887,901	\$5,814,125	\$5,740,338	\$5,712,269	\$5,684,200	\$5,656,131	\$5,628,062	\$5,599,993	\$5,571,924	\$5,543,855	\$5,515,786	\$5,487,717	
6	Average Net Investment		\$5,924,789	\$5,851,013	\$5,777,231	\$5,726,303	\$5,698,234	\$5,670,165	\$5,642,096	\$5,614,027	\$5,585,958	\$5,557,889	\$5,529,820	\$5,501,751	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	10,303	10,175	10,047	9,959	9,909	9,861	9,247	9,201	9,155	9,108	9,064	9,017
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	28,412	28,059	27,706	27,460	27,327	27,192	27,123	26,987	26,852	26,719	26,584	26,447
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	336,828
	b. Amortization (G)		45,707	45,707	45,718	0	0	0	0	0	0	0	0	0	137,132
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	94,512
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$120,367	\$119,886	\$119,416	\$73,364	\$73,181	\$72,998	\$72,315	\$72,133	\$71,952	\$71,772	\$71,593	\$71,409	1,010,386
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		120,367	119,886	119,416	73,364	73,181	72,998	72,315	72,133	71,952	71,772	71,593	71,409	1,010,386
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		115,461	114,999	114,549	70,374	70,198	70,023	69,367	69,193	69,019	68,847	68,675	68,498	969,203
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$115,461	\$114,999	\$114,549	\$70,374	\$70,198	\$70,023	\$69,367	\$69,193	\$69,019	\$68,847	\$68,675	\$68,498	\$969,203

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11
(G) Project 4.1a amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Base (Project 4.2)
(in Dollars)

																End of
Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	
3	Less: Accumulated Depreciation	(\$9,151)	(12,183)	(15,215)	(18,247)	(21,279)	(24,311)	(27,343)	(30,375)	(33,407)	(36,439)	(39,471)	(42,503)	(45,535)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$2,389,888	\$2,386,856	\$2,383,824	\$2,380,792	\$2,377,760	\$2,374,728	\$2,371,696	\$2,368,664	\$2,365,632	\$2,362,600	\$2,359,568	\$2,356,536	\$2,353,504		
6	Average Net Investment		\$2,388,372	\$2,385,340	\$2,382,308	\$2,379,276	\$2,376,244	\$2,373,212	\$2,370,180	\$2,367,148	\$2,364,116	\$2,361,084	\$2,358,052	\$2,355,020		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	4,153	4,148	4,143	4,138	4,133	4,127	3,884	3,880	3,875	3,870	3,864	3,859	48,074
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	11,454	11,439	11,425	11,410	11,396	11,381	11,394	11,379	11,365	11,350	11,336	11,321	136,650
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)		3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	36,384
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		329	329	329	329	329	329	329	329	329	329	329	329	329	3,948
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,968	\$18,948	\$18,929	\$18,909	\$18,890	\$18,869	\$18,639	\$18,620	\$18,601	\$18,581	\$18,561	\$18,541	225,056	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		18,968	18,948	18,929	18,909	18,890	18,869	18,639	18,620	18,601	18,581	18,561	18,541	225,056	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		17,618	17,600	17,582	17,564	17,546	17,526	17,313	17,295	17,278	17,259	17,240	17,222	209,043	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,618	\$17,600	\$17,582	\$17,564	\$17,546	\$17,526	\$17,313	\$17,295	\$17,278	\$17,259	\$17,240	\$17,222	\$209,043	

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Intermediate (Project 4.3)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297		
3	Less: Accumulated Depreciation	(79,086)	(79,611)	(80,136)	(80,661)	(81,186)	(81,711)	(82,236)	(82,761)	(83,286)	(83,811)	(84,336)	(84,861)	(85,386)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2+ 3 + 4)	\$211,211	\$210,686	\$210,161	\$209,636	\$209,111	\$208,586	\$208,061	\$207,536	\$207,011	\$206,486	\$205,961	\$205,436	\$204,911		
6	Average Net Investment		\$210,949	\$210,424	\$209,899	\$209,374	\$208,849	\$208,324	\$207,799	\$207,274	\$206,749	\$206,224	\$205,699	\$205,174		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	367	366	365	364	363	362	341	340	339	338	337	336	4,218
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	1,012	1,009	1,007	1,004	1,002	999	999	996	994	991	989	986	11,988
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)		525	525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		205	205	205	205	205	205	205	205	205	205	205	205	205	2,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,109	\$2,105	\$2,102	\$2,098	\$2,095	\$2,091	\$2,070	\$2,066	\$2,063	\$2,059	\$2,056	\$2,052		24,966
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		2,109	2,105	2,102	2,098	2,095	2,091	2,070	2,066	2,063	2,059	2,056	2,052		24,966
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$0
13	Retail Demand-Related Recoverable Costs (F)		1,533	1,530	1,528	1,525	1,523	1,520	1,505	1,502	1,500	1,497	1,495	1,492		18,151
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,533	\$1,530	\$1,528	\$1,525	\$1,523	\$1,520	\$1,505	\$1,502	\$1,500	\$1,497	\$1,495	\$1,492		\$18,151

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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SO2 and NOx EMISSIONS ALLOWANCES - Energy (Project 5)
(in Dollars)

		Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	End of	
Line	Description	Period Amount	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Period Total	
1	Working Capital Dr (Cr)															
a.	0158150 SO ₂ Emission Allowance Inventory	\$3,237,649	\$3,235,988	\$3,235,258	\$3,235,258	\$3,235,143	\$3,234,097	\$3,233,051	\$3,231,082	\$3,229,047	\$3,227,115	\$3,225,317	\$3,223,380	\$3,221,762	\$3,221,762	
b.	0254020 Auctioned SO ₂ Allowance	304	0	0	0	(132)	0	0	0	0	0	0	0	0	0	
c.	0158170 NO _x Emission Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Total Working Capital	\$3,237,953	\$3,235,988	\$3,235,258	\$3,235,258	\$3,235,011	\$3,234,097	\$3,233,051	\$3,231,082	\$3,229,047	\$3,227,115	\$3,225,317	\$3,223,380	\$3,221,762	\$3,221,762	
3	Average Net Investment		\$3,236,970	\$3,235,623	\$3,235,258	\$3,235,135	\$3,234,554	\$3,233,574	\$3,232,067	\$3,230,065	\$3,228,081	\$3,226,216	\$3,224,349	\$3,222,571		
4	Return on Average Net Working Capital Balance (B)	Jan-Jun	Jul-Dec													
a.	Debt Component	2.09%	1.97%	5,629	5,627	5,626	5,626	5,625	5,623	5,297	5,294	5,291	5,287	5,284	5,282	65,491
b.	Equity Component Grossed Up For Taxes	5.75%	5.77%	15,523	15,517	15,515	15,514	15,512	15,507	15,537	15,528	15,518	15,509	15,500	15,492	186,172
5	Total Return Component (C)			\$21,152	\$21,144	\$21,141	\$21,140	\$21,137	\$21,130	\$20,834	\$20,822	\$20,809	\$20,796	\$20,784	\$20,774	251,663
6	Expense Dr (Cr)															
a.	0509030 SO ₂ Allowance Expense		\$1,661	\$729	\$0	\$116	\$1,046	\$1,046	\$1,968	\$2,035	\$1,932	\$1,798	\$1,937	\$1,618		15,887
b.	0407426 Amortization Expense		304	0	0	0	(132)	0	0	0	0	0	0	0	0	172
c.	0509212 NO _x Allowance Expense		0	0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (D)		1,965	729	0	116	914	1,046	1,968	2,035	1,932	1,798	1,937	1,618		16,059
8	Total System Recoverable Expenses (Lines 5 + 7)		\$23,117	\$21,873	\$21,141	\$21,256	\$22,051	\$22,176	\$22,802	\$22,857	\$22,741	\$22,594	\$22,721	\$22,392		267,722
a.	Recoverable Costs Allocated to Energy		23,117	21,873	21,141	21,256	22,051	22,176	22,802	22,857	22,741	22,594	22,721	22,392		267,722
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0		0
9	Energy Jurisdictional Factor		0.95910	0.96140	0.95640	0.95580	0.93930	0.93930	0.91693	0.92073	0.93259	0.93075	0.95529	0.94423		
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Retail Energy-Related Recoverable Costs (E)		\$22,172	\$21,029	\$20,219	\$20,316	\$20,713	\$20,830	\$20,908	\$21,045	\$21,208	\$21,029	\$21,706	\$21,143		252,318
12	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0		0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 22,172	\$ 21,029	\$ 20,219	\$ 20,316	\$ 20,713	\$ 20,830	\$ 20,908	\$ 21,045	\$ 21,208	\$ 21,029	\$ 21,706	\$ 21,143	\$	252,318

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 5 is reported on Capital Schedule
(D) Line 7 is reported on O&M Schedule
(E) Line 8a x Line 9
(F) Line 8b x Line 10

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Return on Capital Investments, Depreciation and Taxes
For Project: Phase II Cooling Water Intake 316(b) - Base (Project 6)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$73,881	\$61,552	\$254,624	\$81,175	\$218,045	\$150,013	\$1,422,012	\$829,499	\$589,257	\$244,464	\$341,320	\$104,506	\$4,370,348	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non-Interest Bearing	\$1,311,525	1,385,406	1,446,958	1,701,582	1,782,757	2,000,801	2,150,814	3,572,826	4,402,325	4,991,582	5,236,046	5,577,366	5,681,872		
5	Net Investment (Lines 2 + 3 + 4)	\$1,311,525	1,385,406	1,446,958	1,701,582	1,782,757	2,000,801	2,150,814	3,572,826	4,402,325	4,991,582	5,236,046	5,577,366	5,681,872		
6	Average Net Investment		\$1,348,465	\$1,416,182	\$1,574,270	\$1,742,169	\$1,891,779	\$2,075,808	\$2,861,820	\$3,987,576	\$4,696,954	\$5,113,814	\$5,406,706	\$5,629,619		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	2,345	2,463	2,738	3,030	3,290	3,610	4,690	6,535	7,698	8,381	8,861	9,226	62,867
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	6,467	6,791	7,550	8,355	9,072	9,955	13,757	19,169	22,579	24,583	25,991	27,063	181,332
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)	1.4860%	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$8,812	\$9,254	\$10,288	\$11,385	\$12,362	\$13,565	\$18,447	\$25,704	\$30,277	\$32,964	\$34,852	\$36,289	244,199	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$8,812	\$9,254	\$10,288	\$11,385	\$12,362	\$13,565	\$18,447	\$25,704	\$30,277	\$32,964	\$34,852	\$36,289	244,199	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Base		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		8,185	8,596	9,556	10,575	11,482	12,600	17,134	23,875	28,123	30,619	32,372	33,707	226,824	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$8,185	\$8,596	\$9,556	\$10,575	\$11,482	\$12,600	\$17,134	\$23,875	\$28,123	\$30,619	\$32,372	\$33,707	\$226,824	

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Peaking (Project 7.2 - CT Emission Monitoring Systems)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	
3	Less: Accumulated Depreciation	(451,809)	(455,223)	(458,637)	(462,051)	(465,465)	(468,879)	(472,293)	(475,707)	(479,121)	(482,535)	(485,949)	(489,363)	(492,777)	
3a	Regulatory Asset Balance (G)	9,674	6,450	3,225	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$1,359,961</u>	<u>\$1,353,322</u>	<u>\$1,346,684</u>	<u>\$1,340,045</u>	<u>\$1,336,631</u>	<u>\$1,333,217</u>	<u>\$1,329,803</u>	<u>\$1,326,389</u>	<u>\$1,322,975</u>	<u>\$1,319,561</u>	<u>\$1,316,147</u>	<u>\$1,312,733</u>	<u>\$1,309,319</u>	
6	Average Net Investment		\$1,356,642	\$1,350,003	\$1,343,364	\$1,338,338	\$1,334,924	\$1,331,510	\$1,328,096	\$1,324,682	\$1,321,268	\$1,317,854	\$1,314,440	\$1,311,026	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	2,359	2,347	2,336	2,327	2,322	2,316	2,176	2,166	2,159	2,155	2,149	26,983
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	6,508	6,475	6,443	6,419	6,403	6,386	6,384	6,366	6,350	6,335	6,302	76,690
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	40,968
	b. Amortization (G)		3,225	3,225	3,225	0	0	0	0	0	0	0	0	0	9,674
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	16,752
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$16,902	\$16,857	\$16,814	\$13,556	\$13,535	\$13,512	\$13,370	\$13,347	\$13,326	\$13,304	\$13,284	\$13,261	171,067
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		16,902	16,857	16,814	13,556	13,535	13,512	13,370	13,347	13,326	13,304	13,284	13,261	171,067
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		16,213	16,170	16,128	13,003	12,983	12,961	12,825	12,803	12,783	12,762	12,743	12,720	164,095
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$16,213</u>	<u>\$16,170</u>	<u>\$16,128</u>	<u>\$13,003</u>	<u>\$12,983</u>	<u>\$12,961</u>	<u>\$12,825</u>	<u>\$12,803</u>	<u>\$12,783</u>	<u>\$12,762</u>	<u>\$12,743</u>	<u>\$12,720</u>	<u>\$164,095</u>

Notes:

- (A) N/A
- (B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Depreciation calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
- (D) Property tax calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$1,371,979	\$1,237,479	\$974,639	\$579,883	\$225,674	\$708,445	\$412,457	\$165,535	\$35,000	\$35,000	\$35,000	\$35,000	\$5,816,092
	b. Clearings to Plant		0	79,482,748	974,639	579,883	225,674	708,445	412,457	165,535	35,000	35,000	35,000	35,000	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$3,930,012	3,930,012	83,412,760	84,387,399	84,967,282	85,192,956	85,901,401	86,313,858	86,479,393	86,514,393	86,549,393	86,584,393	86,619,393	
3	Less: Accumulated Depreciation	(\$367,488)	(375,074)	(481,086)	(588,305)	(696,243)	(804,460)	(913,554)	(1,023,159)	(1,132,969)	(1,242,822)	(1,352,719)	(1,462,659)	(1,572,642)	
4	CWIP - Non-Interest Bearing	76,873,290	78,245,269	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$80,435,815	\$81,800,208	\$82,931,675	\$83,799,095	\$84,271,039	\$84,388,497	\$84,987,848	\$85,290,700	\$85,346,425	\$85,271,572	\$85,196,675	\$85,121,735	\$85,046,752	
6	Average Net Investment		\$81,118,011	\$82,365,941	\$83,365,385	\$84,035,067	\$84,329,768	\$84,688,172	\$85,139,274	\$85,318,562	\$85,308,998	\$85,234,123	\$85,159,205	\$85,084,243	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	141,064	143,235	144,973	146,137	146,649	147,272	139,537	139,830	139,814	139,692	139,569	1,707,218
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	389,008	394,993	399,786	402,998	404,410	406,129	409,283	410,145	410,100	409,740	409,378	4,854,989
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		7,586	106,012	107,219	107,938	108,217	109,094	109,605	109,810	109,853	109,897	109,940	109,983	1,205,154
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		558	11,837	11,976	12,058	12,090	12,191	12,249	12,273	12,278	12,283	12,287	12,292	134,372
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$538,216	\$656,077	\$663,954	\$669,131	\$671,366	\$674,686	\$670,674	\$672,058	\$672,045	\$671,612	\$671,174	\$670,740	7,901,733
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		538,216	656,077	663,954	669,131	671,366	674,686	670,674	672,058	672,045	671,612	671,174	670,740	7,901,733
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		499,922	609,397	616,714	621,522	623,598	626,682	622,956	624,241	624,229	623,827	623,420	623,017	7,339,525
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$499,922	\$609,397	\$616,714	\$621,522	\$623,598	\$626,682	\$622,956	\$624,241	\$624,229	\$623,827	\$623,420	\$623,017	\$7,339,525

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property taxes calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Schedule of Amortization and Return
For Project: CAIR/CAMR - Energy (Project 7.4 - Reagents and By-Products)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0154401 Ammonia Inventory	\$74,264	\$49,071	\$32,745	\$13,530	\$62,259	\$107,068	\$184,972	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941
	b. 0154200 Limestone Inventory	\$1,283,532	1,181,071	1,147,202	1,219,817	1,135,901	1,357,936	1,212,154	914,386	914,386	914,386	914,386	914,386	914,386	914,386
2	Total Working Capital	\$1,357,797	\$1,230,142	\$1,179,947	\$1,233,347	\$1,198,160	\$1,465,004	\$1,397,126	\$989,326	\$989,326	\$989,326	\$989,326	\$989,326	\$989,326	989,326
3	Average Net Investment		1,293,969	1,205,045	1,206,647	1,215,754	1,331,582	1,431,065	1,193,226	989,326	989,326	989,326	989,326	989,326	
4	Return on Average Net Working Capital Balance (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%												\$23,425
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												66,365
5	Total Return Component (B)														89,791
6	Expense Dr (Cr)														
	a. 0502030 Ammonia Expense	176,215	16,575	171,157	179,926	113,375	211,577	188,423	200,000	200,000	200,000	200,000	200,000	200,000	2,057,248
	b. 0502040 Limestone Expense	225,019	26,083	255,161	222,037	256,686	374,564	794,491	511,224	447,113	444,409	476,542	218,317	4,251,646	
	c. 0502050 Dibasic Acid Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. 0502070 Gypsum Disposal/Sale	(34,022)	(4,608)	(24,525)	(24,522)	(34,907)	(33,916)	(26,083)	(26,083)	(26,083)	(26,083)	(26,083)	(26,083)	(26,083)	(313,000)
	e. 0502040 Hydrated Lime Expense	130,092	13,919	149,377	154,002	163,936	219,412	180,588	200,000	200,000	200,000	200,000	200,000	200,000	2,011,327
	f. 0502300 Caustic Expense	8,314	16,437	22,503	4,224	0	0	2,000	2,000	2,000	2,000	2,000	2,000	2,000	63,479
7	Net Expense (C)	505,618	68,407	573,674	535,668	499,090	771,637	1,139,418	887,140	823,030	820,325	852,459	594,234	8,070,700	
8	Total System Recoverable Expenses (Lines 5 + 7)	\$514,074	\$76,281	\$581,559	\$543,612	\$507,791	\$780,988	\$1,147,110	\$893,518	\$829,407	\$826,703	\$858,836	\$600,611	8,160,490	
	a. Recoverable Costs Allocated to Energy	514,074	76,281	581,559	543,612	507,791	780,988	1,147,110	893,518	829,407	826,703	858,836	600,611	8,160,490	
	b. Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Energy Jurisdictional Factor	0.95910	0.96140	0.95640	0.95580	0.93930	0.93930	0.91693	0.92073	0.93259	0.93075	0.95529	0.94423		
10	Demand Jurisdictional Factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Retail Energy-Related Recoverable Costs (D)	493,048	73,337	556,203	519,584	476,968	733,582	1,051,821	822,689	773,500	769,457	820,440	567,116	7,657,747	
12	Retail Demand-Related Recoverable Costs (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)	\$ 493,048	\$ 73,337	\$ 556,203	\$ 519,584	\$ 476,968	\$ 733,582	\$ 1,051,821	\$ 822,689	\$ 773,500	\$ 769,457	\$ 820,440	\$ 567,116	\$ 7,657,747	

Notes:

(A) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495).

See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.

(B) Line 5 is reported on Capital Schedule

(C) Line 7 is reported on O&M Schedule

(D) Line 8a x Line 9

(E) Line 8b x Line 10

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Return on Capital Investments, Depreciation and Taxes
For Project: SEA TURTLE - COASTAL STREET LIGHTING - (Project 9)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$100	\$100	\$50	\$0	\$0	\$400
	b. Clearings to Plant		0	0	0	0	0	0	150	100	100	50	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$11,324	11,324	11,324	11,324	11,324	11,324	11,324	11,474	11,574	11,674	11,724	11,724	11,724	
3	Less: Accumulated Depreciation	(3,698)	(3,727)	(3,756)	(3,785)	(3,814)	(3,843)	(3,872)	(3,901)	(3,931)	(3,961)	(3,991)	(4,021)	(4,051)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$7,626	\$7,597	\$7,568	\$7,539	\$7,510	\$7,481	\$7,452	\$7,573	\$7,643	\$7,713	\$7,733	\$7,703	\$7,673	
6	Average Net Investment		\$7,612	\$7,583	\$7,554	\$7,525	\$7,496	\$7,467	\$7,513	\$7,608	\$7,678	\$7,723	\$7,718	\$7,688	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	13	13	13	13	13	12	12	13	13	13	13	154
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	37	36	36	36	36	36	37	37	37	37	37	438
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.0658%		29	29	29	29	29	29	29	30	30	30	30	30	353
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.009414		9	9	9	9	9	9	9	9	9	9	9	9	108
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$88	\$87	\$87	\$87	\$87	\$87	\$86	\$88	\$89	\$89	\$89	\$89	1,053
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$88	\$87	\$87	\$87	\$87	\$87	\$86	\$88	\$89	\$89	\$89	\$89	1,053
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - (Distribution)		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		88	87	87	87	87	87	86	88	89	89	89	89	1,048
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$88	\$87	\$87	\$87	\$87	\$87	\$86	\$88	\$89	\$89	\$89	\$89	\$1,048

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Base (Project 10.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	
3	Less: Accumulated Depreciation	(46,000)	(46,296)	(46,592)	(46,888)	(47,184)	(47,480)	(47,776)	(48,072)	(48,368)	(48,664)	(48,960)	(49,256)	(49,552)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$122,941	\$122,645	\$122,349	\$122,053	\$121,757	\$121,461	\$121,165	\$120,869	\$120,573	\$120,277	\$119,981	\$119,685	\$119,389	
6	Average Net Investment		\$122,793	\$122,497	\$122,201	\$121,905	\$121,609	\$121,313	\$121,017	\$120,721	\$120,425	\$120,129	\$119,833	\$119,537	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	214	213	213	212	211	211	198	198	197	197	196	2,456
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	589	587	586	585	583	582	582	580	579	577	576	6,981
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.1000%		296	296	296	296	296	296	296	296	296	296	296	296	3,552
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.008573		121	121	121	121	121	121	121	121	121	121	121	121	1,452
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,220	\$1,217	\$1,216	\$1,214	\$1,211	\$1,210	\$1,197	\$1,195	\$1,193	\$1,191	\$1,189	\$1,188	14,441
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,220	\$1,217	\$1,216	\$1,214	\$1,211	\$1,210	\$1,197	\$1,195	\$1,193	\$1,191	\$1,189	\$1,188	14,441
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,133	1,130	1,129	1,128	1,125	1,124	1,112	1,110	1,108	1,106	1,104	1,103	13,414
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,133	\$1,130	\$1,129	\$1,128	\$1,125	\$1,124	\$1,112	\$1,110	\$1,108	\$1,106	\$1,104	\$1,103	\$13,414

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Intermediate (10.2)
(in Dollars)

																End of
Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006		
3	Less: Accumulated Depreciation	(29,093)	(29,296)	(29,499)	(29,702)	(29,905)	(30,108)	(30,311)	(30,514)	(30,717)	(30,920)	(31,123)	(31,326)	(31,529)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$46,913	\$46,710	\$46,507	\$46,304	\$46,101	\$45,898	\$45,695	\$45,492	\$45,289	\$45,086	\$44,883	\$44,680	\$44,477		
6	Average Net Investment		\$46,812	\$46,609	\$46,406	\$46,203	\$46,000	\$45,797	\$45,594	\$45,391	\$45,188	\$44,985	\$44,782	\$44,579		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	81	81	81	80	80	80	75	74	74	74	73	73	926
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	224	224	223	222	221	220	219	218	217	216	215	214	2,633
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C) 3.2000%		203	203	203	203	203	203	203	203	203	203	203	203	203	2,436
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.009890		63	63	63	63	63	63	63	63	63	63	63	63	63	756
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$571	\$571	\$570	\$568	\$567	\$566	\$560	\$558	\$557	\$556	\$554	\$553	6,751	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$571	\$571	\$570	\$568	\$567	\$566	\$560	\$558	\$557	\$556	\$554	\$553	6,751	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Retail Demand-Related Recoverable Costs (F)		415	415	414	413	412	411	407	406	405	404	403	402	4,908	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$415	\$415	\$414	\$413	\$412	\$411	\$407	\$406	\$405	\$404	\$403	\$402	\$4,908	

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: Effluent Limitation Guidelines CRN - Energy (Project 15.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$2,974	\$395	\$35,883	\$31,049	\$6,508	(\$2,945)	\$364,580	\$411,635	\$411,635	\$411,635	\$42,885	\$42,885	\$1,759,119
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	2,148,797	42,885	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	2,148,797	2,191,682	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	(4,423)	(8,934)	
4	CWIP - Non-Interest Bearing	432,564	435,537	435,933	471,816	502,864	509,372	506,427	871,007	1,282,642	1,694,277	2,105,912	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$432,564	\$435,537	\$435,933	\$471,816	\$502,864	\$509,372	\$506,427	\$871,007	\$1,282,642	\$1,694,277	\$2,105,912	\$2,144,374	\$2,182,748	
6	Average Net Investment		\$434,051	\$435,735	\$453,874	\$487,340	\$506,118	\$507,900	\$688,717	\$1,076,825	\$1,488,460	\$1,900,095	\$2,125,143	\$2,163,561	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	755	758	789	847	880	883	1,129	1,765	2,439	3,114	3,483	20,388
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	2,082	2,090	2,177	2,337	2,427	2,436	3,311	5,177	7,155	9,134	10,216	58,943
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.4700%		0	0	0	0	0	0	0	0	0	0	4,423	4,511	8,934
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.001703		0	0	0	0	0	0	0	0	0	0	305	311	616
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,837	\$2,848	\$2,966	\$3,184	\$3,307	\$3,319	\$4,440	\$6,942	\$9,594	\$12,248	\$18,427	\$18,769	88,881
	a. Recoverable Costs Allocated to Energy		2,837	2,848	2,966	3,184	3,307	3,319	4,440	6,942	9,594	12,248	18,427	18,769	88,881
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		\$2,635	\$2,645	\$2,755	\$2,957	\$3,072	\$3,083	\$4,124	\$6,448	\$8,911	\$11,377	\$17,116	\$17,434	82,557
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,635	\$2,645	\$2,755	\$2,957	\$3,072	\$3,083	\$4,124	\$6,448	\$8,911	\$11,377	\$17,116	\$17,434	\$82,557

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: NPDES - Intermediate (Project 16)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	
3	Less: Accumulated Depreciation	(1,716,510)	(1,752,182)	(1,787,854)	(1,823,526)	(1,859,198)	(1,894,870)	(1,930,542)	(1,966,214)	(2,001,886)	(2,037,558)	(2,073,230)	(2,108,902)	(2,144,574)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$11,125,360	\$11,089,688	\$11,054,016	\$11,018,344	\$10,982,672	\$10,947,000	\$10,911,328	\$10,875,656	\$10,839,984	\$10,804,312	\$10,768,640	\$10,732,968	\$10,697,296	
6	Average Net Investment		\$11,107,524	\$11,071,852	\$11,036,180	\$11,000,508	\$10,964,836	\$10,929,164	\$10,893,492	\$10,857,820	\$10,822,148	\$10,786,476	\$10,750,804	\$10,715,132	
7	Return on Average Net Investment (B)	Jan-Jun Jul-Dec													
	a. Debt Component	2.09% 1.97%	19,316	19,254	19,192	19,130	19,068	19,006	17,854	17,795	17,737	17,678	17,620	17,561	221,211
	b. Equity Component Grossed Up For Taxes	5.75% 5.77%	53,267	53,096	52,925	52,754	52,583	52,412	52,367	52,196	52,024	51,853	51,682	51,510	628,669
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.3333%	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	428,064
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.009930	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	127,524
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$118,882	\$118,649	\$118,416	\$118,183	\$117,950	\$117,717	\$116,520	\$116,290	\$116,060	\$115,830	\$115,601	\$115,370	1,405,468
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$118,882	\$118,649	\$118,416	\$118,183	\$117,950	\$117,717	\$116,520	\$116,290	\$116,060	\$115,830	\$115,601	\$115,370	1,405,468
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		86,431	86,261	86,092	85,923	85,753	85,584	84,714	84,546	84,379	84,212	84,045	83,877	1,021,817
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$86,431	\$86,261	\$86,092	\$85,923	\$85,753	\$85,584	\$84,714	\$84,546	\$84,379	\$84,212	\$84,045	\$83,877	\$1,021,817

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 4 & 5 - Energy (Project 17)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	
3	Less: Accumulated Depreciation	(266,981)	(273,563)	(280,145)	(286,727)	(293,309)	(299,891)	(306,473)	(313,055)	(319,637)	(326,219)	(332,801)	(339,383)	(345,965)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$3,423,206</u>	<u>\$3,416,624</u>	<u>\$3,410,042</u>	<u>\$3,403,460</u>	<u>\$3,396,878</u>	<u>\$3,390,296</u>	<u>\$3,383,714</u>	<u>\$3,377,132</u>	<u>\$3,370,550</u>	<u>\$3,363,968</u>	<u>\$3,357,386</u>	<u>\$3,350,804</u>	<u>\$3,344,222</u>	
6	Average Net Investment		\$3,419,915	\$3,413,333	\$3,406,751	\$3,400,169	\$3,393,587	\$3,387,005	\$3,380,423	\$3,373,841	\$3,367,259	\$3,360,677	\$3,354,095	\$3,347,513	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	5,947	5,936	5,924	5,913	5,901	5,890	5,540	5,529	5,519	5,508	5,497	5,486
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	16,400	16,369	16,337	16,306	16,274	16,243	16,250	16,219	16,187	16,156	16,124	16,092
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) Blended		6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	78,984
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.001703		524	524	524	524	524	524	524	524	524	524	524	524	6,288
	e. Other (E)		(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(7,160)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$28,856	\$28,814	\$28,770	\$28,728	\$28,684	\$28,642	\$28,299	\$28,257	\$28,215	\$28,173	\$28,130	\$28,087	341,659
	a. Recoverable Costs Allocated to Energy		28,856	28,814	28,770	28,728	28,684	28,642	28,299	28,257	28,215	28,173	28,130	28,087	341,659
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95910	0.96140	0.95640	0.95580	0.93930	0.93930	0.91693	0.92073	0.93259	0.93075	0.95529	0.94423	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$27,676	\$27,702	\$27,516	\$27,459	\$26,943	\$26,904	\$25,949	\$26,017	\$26,313	\$26,222	\$26,873	\$26,521	\$322,095
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$27,676</u>	<u>\$27,702</u>	<u>\$27,516</u>	<u>\$27,459</u>	<u>\$26,943</u>	<u>\$26,904</u>	<u>\$25,949</u>	<u>\$26,017</u>	<u>\$26,313</u>	<u>\$26,222</u>	<u>\$26,873</u>	<u>\$26,521</u>	<u>\$322,095</u>

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - ANCLOTE GAS CONVERSION - Energy (Project 17.1)
(in Dollars)

				Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	End of
Line	Description			Period Amount	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Period Total
1	Investments																
	a. Expenditures/Additions				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (A)				0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base			\$133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	
3	Less: Accumulated Depreciation			(14,548,630)	(14,791,044)	(15,033,458)	(15,275,872)	(15,518,286)	(15,760,700)	(16,003,114)	(16,245,528)	(16,487,942)	(16,730,356)	(16,972,770)	(17,215,184)	(17,457,598)	
4	CWIP - AFUDC Bearing			(0)	(0)	(0)	(0)	(0)	(0)	(0)	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			<u>\$119,369,637</u>	<u>\$119,127,223</u>	<u>\$118,884,809</u>	<u>\$118,642,395</u>	<u>\$118,399,981</u>	<u>\$118,157,567</u>	<u>\$117,915,153</u>	<u>\$117,672,739</u>	<u>\$117,430,325</u>	<u>\$117,187,911</u>	<u>\$116,945,497</u>	<u>\$116,703,083</u>	<u>\$116,460,669</u>	
6	Average Net Investment				\$119,248,430	\$119,006,016	\$118,763,602	\$118,521,188	\$118,278,774	\$118,036,360	\$117,793,946	\$117,551,532	\$117,309,118	\$117,066,704	\$116,824,290	\$116,581,876	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.09%	1.97%		206,995	206,574	206,154	205,733	205,313	204,891	193,054	192,657	192,260	191,863	191,465	191,068	2,388,027
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%		572,243	571,080	569,917	568,754	567,589	566,426	566,262	565,097	563,931	562,766	561,601	560,435	6,796,101
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C)	2.1722%			242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	2,908,968
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.008490			94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	1,136,964
	e. Other (E)				(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(177,534)
9	Total System Recoverable Expenses (Lines 7 + 8)				\$1,101,605	\$1,100,021	\$1,098,438	\$1,096,854	\$1,095,269	\$1,093,684	\$1,081,683	\$1,080,121	\$1,078,558	\$1,076,996	\$1,075,433	\$1,073,870	13,052,526
	a. Recoverable Costs Allocated to Energy				1,101,605	1,100,021	1,098,438	1,096,854	1,095,269	1,093,684	1,081,683	1,080,121	1,078,558	1,076,996	1,075,433	1,073,870	13,052,526
	b. Recoverable Costs Allocated to Demand				\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor				0.95910	0.96140	0.95640	0.95580	0.93930	0.93930	0.91693	0.92073	0.93259	0.93075	0.95529	0.94423	
11	Demand Jurisdictional Factor				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)				\$1,056,549	\$1,057,560	\$1,050,546	\$1,048,373	\$1,028,786	\$1,027,297	\$991,829	\$994,500	\$1,005,856	\$1,002,418	\$1,027,353	\$1,013,982	\$12,305,049
13	Retail Demand-Related Recoverable Costs (G)				0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				<u>\$1,056,549</u>	<u>\$1,057,560</u>	<u>\$1,050,546</u>	<u>\$1,048,373</u>	<u>\$1,028,786</u>	<u>\$1,027,297</u>	<u>\$991,829</u>	<u>\$994,500</u>	<u>\$1,005,856</u>	<u>\$1,002,418</u>	<u>\$1,027,353</u>	<u>\$1,013,982</u>	<u>\$12,305,049</u>

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

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Duke Energy Florida
Witness C. A. Menendez
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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 1 & 2 - Energy (Project 17.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	
3	Less: Accumulated Depreciation	(3,006,977)	(3,076,912)	(3,146,847)	(3,216,782)	(3,286,717)	(3,356,652)	(3,426,587)	(3,496,522)	(3,566,457)	(3,636,392)	(3,706,327)	(3,776,262)	(3,846,197)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$19,674,097	\$19,604,162	\$19,534,227	\$19,464,292	\$19,394,357	\$19,324,422	\$19,254,487	\$19,184,552	\$19,114,617	\$19,044,682	\$18,974,747	\$18,904,812	\$18,834,877	
6	Average Net Investment		\$19,639,129	\$19,569,194	\$19,499,259	\$19,429,324	\$19,359,389	\$19,289,454	\$19,219,519	\$19,149,584	\$19,079,649	\$19,009,714	\$18,939,779	\$18,869,844	
7	Return on Average Net Investment (B)	Jan-Jun Jul-Dec													
	a. Debt Component	2.09% 1.97%	34,093	33,969	33,847	33,725	33,603	33,485	31,499	31,385	31,270	31,155	31,041	30,926	389,998
	b. Equity Component Grossed Up For Taxes	5.75% 5.77%	94,241	93,909	93,572	93,236	92,902	92,565	92,393	92,056	91,720	91,384	91,048	90,712	1,109,738
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.7000%		69,935	69,935	69,935	69,935	69,935	69,935	69,935	69,935	69,935	69,935	69,935	69,935	839,220
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.001703		3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	38,628
	e. Other (E)		(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(126,475)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$190,948	\$190,492	\$190,033	\$189,575	\$189,119	\$188,664	\$186,506	\$186,055	\$185,604	\$185,153	\$184,703	\$184,252	2,251,109
	a. Recoverable Costs Allocated to Energy		190,948	190,492	190,033	189,575	189,119	188,664	186,506	186,055	185,604	185,153	184,703	184,252	2,251,109
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95910	0.96140	0.95640	0.95580	0.93930	0.93930	0.91693	0.92073	0.93259	0.93075	0.95529	0.94423	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$183,139	\$183,139	\$181,748	\$181,196	\$177,640	\$177,212	\$171,014	\$171,307	\$173,093	\$172,332	\$176,446	\$173,977	\$2,122,243
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$183,139	\$183,139	\$181,748	\$181,196	\$177,640	\$177,212	\$171,014	\$171,307	\$173,093	\$172,332	\$176,446	\$173,977	\$2,122,243

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: COAL COMBUSTION RESIDUAL (CCR) RULE - Base (Project 18)
(in Dollars)

		Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	End of	
Line	Description	Period Amount	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Period Total	
1	Investments															
	a. Expenditures/Additions		\$17	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$17	
	b. Clearings to Plant		17	0	0	0	0	0	0	0	0	0	0	0		
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0		
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0		
2	Plant-in-Service/Depreciation Base	\$446,073	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090		
3	Less: Accumulated Depreciation	(10,574)	(11,380)	(12,186)	(12,992)	(13,798)	(14,604)	(15,410)	(16,216)	(17,022)	(17,828)	(18,634)	(19,440)	(20,246)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3 + 4)	\$435,499	\$434,710	\$433,904	\$433,098	\$432,292	\$431,486	\$430,680	\$429,874	\$429,068	\$428,262	\$427,456	\$426,650	\$425,844		
6	Average Net Investment		\$435,105	\$434,307	\$433,501	\$432,695	\$431,889	\$431,083	\$430,277	\$429,471	\$428,665	\$427,859	\$427,053	\$426,247		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	757	755	754	752	751	750	705	704	703	701	700	699	8,731
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	2,087	2,083	2,079	2,075	2,071	2,067	2,068	2,065	2,061	2,057	2,053	2,049	24,815
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)	2.1695%	806	806	806	806	806	806	806	806	806	806	806	806	806	9,672
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	63	63	63	63	63	63	63	63	63	63	63	63	63	756
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,713	\$3,707	\$3,702	\$3,696	\$3,691	\$3,686	\$3,642	\$3,638	\$3,633	\$3,627	\$3,622	\$3,617	43,974	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		3,713	3,707	3,702	3,696	3,691	3,686	3,642	3,638	3,633	3,627	3,622	3,617	43,974	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		3,449	3,443	3,439	3,433	3,428	3,424	3,383	3,379	3,375	3,369	3,364	3,360	40,846	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,449	\$3,443	\$3,439	\$3,433	\$3,428	\$3,424	\$3,383	\$3,379	\$3,375	\$3,369	\$3,364	\$3,360	\$40,846	

Notes:

- (A) N/A
(B) Jan - Jun 2019 Line 6 x 7.84% x 1/12. Jul - Dec 2019 Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.30% (Jan-Jun) and 4.31% (Jul-Dec), and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA
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Capital Structure and Cost Rates

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 4,374,787,363	40.92%	0.10500	4.30%	5.75%
PS	-	0.00%	0.00000	0.00%	0.00%
LTD	4,497,051,945	42.06%	0.04896	2.06%	2.06%
STD	(193,058,184)	-1.81%	0.00878	-0.02%	-0.02%
CD-Active	179,648,841	1.68%	0.02352	0.04%	0.04%
CD-Inactive	1,597,098	0.01%	0.00000	0.00%	0.00%
ADIT	1,826,908,909	17.09%	0.00000	0.00%	0.00%
FAS 109	-	0.00%	0.00000	0.00%	0.00%
ITC	5,239,408	0.05%	0.07853	0.00%	0.00%
Total	\$10,692,175,379	100.00%		6.38%	7.84%
Total Debt				2.09%	2.09%
Total Equity				4.30%	5.75%

May 2018 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

The May 2018 DEF Surveillance Report reflects the tax reform adjustments as set forth in Paragraph 16 of DEF's 2017 Settlement.

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 4,874,577,393	41.01%	0.10500	4.31%	5.77%
PS	-	0.00%	0.00000	0.00%	0.00%
LTD	4,845,025,196	40.77%	0.04701	1.92%	1.92%
STD	(59,426,995)	-0.50%	-0.00358	0.00%	0.00%
CD-Active	176,756,874	1.49%	0.02378	0.04%	0.04%
CD-Inactive	1,853,499	0.02%	0.00000	0.00%	0.00%
ADIT	2,026,313,275	17.05%	0.00000	0.00%	0.00%
FAS 109	-	0.00%	0.00000	0.00%	0.00%
ITC	19,805,922	0.17%	0.07715	0.01%	0.01%
Total	\$ 11,884,905,162	100.00%		6.27%	7.74%
Total Debt				1.97%	1.97%
Total Equity				4.31%	5.77%

May 2019 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

Docket No. 20190007-EI

Duke Energy Florida

Christopher A. Menendez

Exh. No. __ (CAM-4)

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DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Capital Program Detail

January 2019 - December 2019
Actuals for the Period January 2019 - June 2019
Estimates for the Period July 2019 - December 2019
Docket No. 20190007-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 10
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Christopher Menendez CAM-4

DUKE ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support January 2019 through December 2019
Pipeline Integrity Management (Project 3 Recap)

Docket No. 20190007-EI
Duke Energy Florida
Christopher A. Menendez
Exh. No. ____ (CAM-4)
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For Project: PIPELINE INTEGRITY MANAGEMENT - Alderman Road Fence (Project 3.1a)
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (C)	7,285	6,375	5,465	4,556	3,646	2,736	1,826	916	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$7,285	\$6,375	\$5,466	\$4,556	\$3,646	\$2,736	\$1,826	\$917	\$0	\$0	\$1	\$0	\$0	\$0
6	Average Net Investment		6,830	5,921	5,011	4,101	3,191	2,281	1,371	458	0	0	0	0	
7	Return on Average Net Investment (A)	Jan-Jun 2.09%	Jul-Dec 1.97%												
	a. Debt Component	2.09%	1.97%	12	10	9	7	6	4	2	1	0	0	0	51
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	33	28	24	20	15	11	7	2	0	0	0	140
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.8857%		0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (C)			910	910	910	910	910	910	916	0	0	0	0	7,287
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%		0	0	0	0	0	0	0	0	0	0	0	0
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$955	\$948	\$943	\$937	\$931	\$925	\$919	\$919	\$0	\$0	\$0	\$0	\$7,478
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$955	\$948	\$943	\$937	\$931	\$925	\$919	\$919	\$0	\$0	\$0	\$0	\$7,478

For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Leak Detection (Project 3.1b)
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	208,586	182,512	156,439	130,366	104,293	78,220	52,146	26,073	(0)	(0)	(0)	(0)	(0)	(0)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$208,586	\$182,512	\$156,439	\$130,366	\$104,293	\$78,220	\$52,146	\$26,073	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
6	Average Net Investment		195,549	169,476	143,403	117,329	91,256	65,183	39,110	13,037	0	0	0	0	
7	Return on Average Net Investment (A)	Jan-Jun 2.09%	Jul-Dec 1.97%												
	a. Debt Component	2.09%	1.97%	340	295	249	204	159	113	64	21	0	0	0	1,445
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	938	813	688	563	438	313	188	63	0	0	0	4,004
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.5579%		0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)			26,073	26,073	26,073	26,073	26,073	26,073	26,073	0	0	0	0	208,586
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%		0	0	0	0	0	0	0	0	0	0	0	0
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$27,351	\$27,181	\$27,010	\$26,840	\$26,670	\$26,499	\$26,325	\$26,157	\$0	\$0	\$0	\$0	\$214,035
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$27,351	\$27,181	\$27,010	\$26,840	\$26,670	\$26,499	\$26,325	\$26,157	\$0	\$0	\$0	\$0	\$214,035

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

(C) Investment amortized over 26 months, as approved in Order PSC-2018-0014-FOF-EI.

DUKE ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support January 2019 through December 2019
Pipeline Integrity Management (Project 3 Recap)

Docket No. 20190007-EI
Duke Energy Florida
Christopher A. Menendez
Exh. No. ____ (CAM-4)
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For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Controls Upgrade (Project 3.1c)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less Accumulated Depreciation	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	\$159,001	139,126	119,251	99,376	79,501	59,626	39,750	19,875	(0)	(0)	(0)	(0)	(0)	(0)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$159,001	\$139,126	\$119,251	\$99,376	\$79,501	\$59,626	\$39,750	\$19,875	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
6	Average Net Investment		149,064	129,189	109,313	89,438	69,563	49,688	29,813	9,938	0	0	0	0	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	259	225	190	156	121	86	49	16	0	0	0	1,102
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	715	620	524	429	334	238	143	48	0	0	0	3,051
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.5579%	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)		19,875	19,875	19,875	19,875	19,875	19,875	19,875	19,875	0	0	0	0	159,001
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%	0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$20,849	\$20,720	\$20,589	\$20,460	\$20,330	\$20,199	\$20,067	\$19,939	\$0	\$0	\$0	\$0	\$163,154
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$20,849	\$20,720	\$20,589	\$20,460	\$20,330	\$20,199	\$20,067	\$19,939	\$0	\$0	\$0	\$0	\$163,154

For Project: PIPELINE INTEGRITY MANAGEMENT - Control Room Management (Project 3.1d)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	25,270	22,111	18,952	15,794	12,635	9,476	6,317	3,159	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$25,270	\$22,111	\$18,952	\$15,794	\$12,635	\$9,476	\$6,317	\$3,159	\$0	\$0	\$0	\$0	\$0	\$0
6	Average Net Investment		23,690	20,532	17,373	14,214	11,056	7,897	4,738	1,579	0	0	0	0	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	41	36	30	25	19	14	8	3	0	0	0	176
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	114	98	83	68	53	38	23	8	0	0	0	485
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.3596%	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)		3,159	3,159	3,159	3,159	3,159	3,159	3,159	3,159	0	0	0	0	25,270
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%	0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,314	\$3,293	\$3,272	\$3,252	\$3,231	\$3,211	\$3,190	\$3,170	\$0	\$0	\$0	\$0	\$25,931
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,314	\$3,293	\$3,272	\$3,252	\$3,231	\$3,211	\$3,190	\$3,170	\$0	\$0	\$0	\$0	\$25,931

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - TURNER CTs (Project 4.1a)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	137,132	91,425	45,718	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$137,132	\$91,425	\$45,718	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Average Net Investment		114,279	68,572	22,859	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	199	119	40	0	0	0	0	0	0	0	0	358
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	548	329	110	0	0	0	0	0	0	0	0	987
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	Blended	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)		45,707	45,718	45,718	0	0	0	0	0	0	0	0	0	137,132
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	1.1630%	0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$46,454	\$46,155	\$45,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$138,477
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$46,454	\$46,155	\$45,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$138,477

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BARTOW CTs (Project 4.1b)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801
3	Less Accumulated Depreciation	(425,169)	(428,854)	(432,539)	(436,224)	(439,909)	(443,594)	(447,279)	(450,964)	(454,649)	(458,334)	(462,019)	(465,704)	(469,389)	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$1,048,632	\$1,044,947	\$1,041,262	\$1,037,577	\$1,033,892	\$1,030,207	\$1,026,522	\$1,022,837	\$1,019,152	\$1,015,467	\$1,011,782	\$1,008,097	\$1,004,412	0
6	Average Net Investment		1,046,790	1,043,105	1,039,420	1,035,735	1,032,050	1,028,365	1,024,680	1,020,995	1,017,310	1,013,625	1,009,940	1,006,255	0
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	1,820	1,814	1,808	1,801	1,795	1,788	1,679	1,673	1,667	1,661	1,655	20,810
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	5,020	5,002	4,985	4,967	4,949	4,932	4,926	4,908	4,890	4,873	4,855	59,144
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	44,220
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9930%	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	14,640
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$11,745	\$11,721	\$11,698	\$11,673	\$11,649	\$11,625	\$11,510	\$11,486	\$11,462	\$11,439	\$11,415	\$11,391	\$138,814
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$11,745	\$11,721	\$11,698	\$11,673	\$11,649	\$11,625	\$11,510	\$11,486	\$11,462	\$11,439	\$11,415	\$11,391	\$138,814

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.
(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - INTERCESSION CITY CTs (Project 4.1c)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664		
3	Less Accumulated Depreciation	(1,163,135)	(1,172,274)	(1,181,413)	(1,190,552)	(1,199,691)	(1,208,830)	(1,217,969)	(1,227,108)	(1,236,247)	(1,245,386)	(1,254,525)	(1,263,664)	(1,272,803)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$498,529	\$489,390	\$480,251	\$471,112	\$461,973	\$452,834	\$443,695	\$434,556	\$425,417	\$416,278	\$407,139	\$398,000	\$388,861		
6	Average Net Investment		493,960	484,821	475,682	466,543	457,404	448,265	439,126	429,987	420,848	411,709	402,570	393,431		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	859	843	827	811	795	780	720	705	690	675	660	645	9,010
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	2,369	2,325	2,281	2,237	2,194	2,150	2,111	2,067	2,023	1,979	1,935	1,891	25,562
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation	6.6000%	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	109,668
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.8500%	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	14,124
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$13,544	\$13,484	\$13,424	\$13,364	\$13,305	\$13,246	\$13,147	\$13,088	\$13,029	\$12,970	\$12,911	\$12,852	\$158,364	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$13,544	\$13,484	\$13,424	\$13,364	\$13,305	\$13,246	\$13,147	\$13,088	\$13,029	\$12,970	\$12,911	\$12,852	\$158,364	

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - AVON PARK CTs (Project 4.1d)
(in Dollars)

		Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	End of	
Line	Description	Period Amount	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938		
3	Less Accumulated Depreciation	(98,489)	(99,205)	(99,921)	(100,637)	(101,353)	(102,069)	(102,785)	(103,501)	(104,217)	(104,933)	(105,649)	(106,365)	(107,081)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$80,449	\$79,733	\$79,017	\$78,301	\$77,585	\$76,869	\$76,153	\$75,437	\$74,721	\$74,005	\$73,289	\$72,573	\$71,857		
6	Average Net Investment		80,091	79,375	78,659	77,943	77,227	76,511	75,795	75,079	74,363	73,647	72,931	72,215		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	139	138	137	136	134	133	124	123	122	121	120	118	1,545
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	384	381	377	374	370	367	364	361	357	354	351	347	4,387
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation	4.8000%	716	716	716	716	716	716	716	716	716	716	716	716	716	8,592
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9420%	140	140	140	140	140	140	140	140	140	140	140	140	140	1,680
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,379	\$1,375	\$1,370	\$1,366	\$1,360	\$1,356	\$1,344	\$1,340	\$1,335	\$1,331	\$1,327	\$1,321	\$16,204	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,379	\$1,375	\$1,370	\$1,366	\$1,360	\$1,356	\$1,344	\$1,340	\$1,335	\$1,331	\$1,327	\$1,321	\$16,204	

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BAYBORO CTs (Project 4.1e)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	
3	Less Accumulated Depreciation	(242,482)	(244,304)	(246,126)	(247,948)	(249,770)	(251,592)	(253,414)	(255,236)	(257,058)	(258,880)	(260,702)	(262,524)	(264,346)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$487,813	\$485,991	\$484,169	\$482,347	\$480,525	\$478,703	\$476,881	\$475,059	\$473,237	\$471,415	\$469,593	\$467,771	\$465,949	
6	Average Net Investment		486,902	485,080	483,258	481,436	479,614	477,792	475,970	474,148	472,326	470,504	468,682	466,860	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%												9,668
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												27,476
	c. Other														0
8	Investment Expenses														
	a. Depreciation	2.9936%													21,864
	b. Amortization														0
	c. Dismantlement														N/A
	d. Property Taxes	0.9930%													7,248
	e. Other														0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,608	\$5,596	\$5,584	\$5,572	\$5,560	\$5,548	\$5,494	\$5,482	\$5,471	\$5,459	\$5,447	\$5,435	\$66,256
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$5,608	\$5,596	\$5,584	\$5,572	\$5,560	\$5,548	\$5,494	\$5,482	\$5,471	\$5,459	\$5,447	\$5,435	\$66,256

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - SUWANNEE CTs (Project 4.1f)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	
3	Less Accumulated Depreciation	(392,376)	(395,228)	(398,080)	(400,932)	(403,784)	(406,636)	(409,488)	(412,340)	(415,192)	(418,044)	(420,896)	(423,748)	(426,600)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$644,823	\$641,971	\$639,119	\$636,267	\$633,415	\$630,563	\$627,711	\$624,859	\$622,007	\$619,155	\$616,303	\$613,451	\$610,599	
6	Average Net Investment		643,397	640,545	637,693	634,841	631,989	629,137	626,285	623,433	620,581	617,729	614,877	612,025	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%												12,727
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												36,166
	c. Other														0
8	Investment Expenses														
	a. Depreciation	3.3000%													34,224
	b. Amortization														0
	c. Dismantlement														N/A
	d. Property Taxes	0.8670%													8,988
	e. Other														0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,805	\$7,787	\$7,768	\$7,749	\$7,731	\$7,712	\$7,638	\$7,620	\$7,601	\$7,583	\$7,565	\$7,546	\$92,105
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$7,805	\$7,787	\$7,768	\$7,749	\$7,731	\$7,712	\$7,638	\$7,620	\$7,601	\$7,583	\$7,565	\$7,546	\$92,105

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - DeBARY CTs (Project 4.1g)
(in Dollars)

																End of
Line	Description		Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	Period Total
1	Investments															
	a. Expenditures/Additions			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base		\$3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	
3	Less Accumulated Depreciation		(822,062)	(829,899)	(837,736)	(845,573)	(853,410)	(861,247)	(869,084)	(876,921)	(884,758)	(892,595)	(900,432)	(908,269)	(916,106)	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)		\$2,794,842	\$2,787,005	\$2,779,168	\$2,771,331	\$2,763,494	\$2,755,657	\$2,747,820	\$2,739,983	\$2,732,146	\$2,724,309	\$2,716,472	\$2,708,635	\$2,700,798	
6	Average Net Investment			2,790,923	2,783,086	2,775,249	2,767,412	2,759,575	2,751,738	2,743,901	2,736,064	2,728,227	2,720,390	2,712,553	2,704,716	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	4,853	4,840	4,826	4,813	4,799	4,785	4,497	4,484	4,471	4,458	4,446	4,433	55,705
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	13,384	13,347	13,309	13,271	13,234	13,196	13,191	13,153	13,115	13,078	13,040	13,002	158,320
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation	2.6000%		7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	94,044
	b. Amortization			0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement			N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	1.1630%		3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	42,060
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)			\$29,579	\$29,529	\$29,477	\$29,426	\$29,375	\$29,323	\$29,030	\$28,979	\$28,928	\$28,878	\$28,828	\$28,777	\$350,129
	a. Recoverable Costs Allocated to Energy			0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand			\$29,579	\$29,529	\$29,477	\$29,426	\$29,375	\$29,323	\$29,030	\$28,979	\$28,928	\$28,878	\$28,828	\$28,777	\$350,129

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - University of Florida (Project 4.1h)
(in Dollars)

																End of
Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	
3	Less Accumulated Depreciation	(63,234)	(63,475)	(63,716)	(63,957)	(64,198)	(64,439)	(64,680)	(64,921)	(65,162)	(65,403)	(65,644)	(65,885)	(66,126)		
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$78,201	\$77,960	\$77,719	\$77,478	\$77,237	\$76,996	\$76,755	\$76,514	\$76,273	\$76,032	\$75,791	\$75,550	\$75,309		
6	Average Net Investment		78,080	77,839	77,598	77,357	77,116	76,875	76,634	76,393	76,152	75,911	75,670	75,429		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.09%	1.97%	136	135	135	135	134	134	126	125	125	124	124	124	1,557
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	374	373	372	371	370	369	368	367	366	365	364	363	4,422
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation	2.0482%	241	241	241	241	241	241	241	241	241	241	241	241	241	2,892
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	1.3030%	154	154	154	154	154	154	154	154	154	154	154	154	154	1,848
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$905	\$903	\$902	\$901	\$899	\$898	\$889	\$887	\$886	\$884	\$883	\$882		\$10,719
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$905	\$903	\$902	\$901	\$899	\$898	\$889	\$887	\$886	\$884	\$883	\$882		\$10,719

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Higgins (Project 4.1i)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	
3	Less Accumulated Depreciation	(203,712)	(205,489)	(207,266)	(209,043)	(210,820)	(212,597)	(214,374)	(216,151)	(217,928)	(219,705)	(221,482)	(223,259)	(225,036)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$191,256	\$189,479	\$187,702	\$185,925	\$184,148	\$182,371	\$180,594	\$178,817	\$177,040	\$175,263	\$173,486	\$171,709	\$169,932	
6	Average Net Investment		190,367	188,590	186,813	185,036	183,259	181,482	179,705	177,928	176,151	174,374	172,597	170,820	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%												
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	5.4000%	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	21,324
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9930%	327	327	327	327	327	327	327	327	327	327	327	327	3,924
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,348	\$3,336	\$3,325	\$3,313	\$3,302	\$3,290	\$3,263	\$3,251	\$3,240	\$3,228	\$3,217	\$3,205	\$39,318
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,348	\$3,336	\$3,325	\$3,313	\$3,302	\$3,290	\$3,263	\$3,251	\$3,240	\$3,228	\$3,217	\$3,205	\$39,318

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 1 & 2 (Project 4.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	
3	Less Accumulated Depreciation	(19,563)	(19,665)	(19,767)	(19,869)	(19,971)	(20,073)	(20,175)	(20,277)	(20,379)	(20,481)	(20,583)	(20,685)	(20,787)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$13,529	\$13,427	\$13,325	\$13,223	\$13,121	\$13,019	\$12,917	\$12,815	\$12,713	\$12,611	\$12,509	\$12,407	\$12,305	
6	Average Net Investment		13,478	13,376	13,274	13,172	13,070	12,968	12,866	12,764	12,662	12,560	12,458	12,356	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%												
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	3.7000%	102	102	102	102	102	102	102	102	102	102	102	102	1,224
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1645%	5	5	5	5	5	5	5	5	5	5	5	5	60
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$195	\$194	\$194	\$193	\$193	\$192	\$190	\$189	\$189	\$188	\$187	\$186	\$2,290
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$195	\$194	\$194	\$193	\$193	\$192	\$190	\$189	\$189	\$188	\$187	\$186	\$2,290

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 4 & 5 (Project 4.2a)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	
3	Less Accumulated Depreciation	\$10,412	7,482	4,552	1,622	(1,308)	(4,238)	(7,168)	(10,098)	(13,028)	(15,958)	(18,888)	(21,818)	(24,748)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$2,376,359	\$2,373,429	\$2,370,499	\$2,367,569	\$2,364,639	\$2,361,709	\$2,358,779	\$2,355,849	\$2,352,919	\$2,349,989	\$2,347,059	\$2,344,129	\$2,341,199	
6	Average Net Investment		2,374,894	2,371,964	2,369,034	2,366,104	2,363,174	2,360,244	2,357,314	2,354,384	2,351,454	2,348,524	2,345,594	2,342,664	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	4,130	4,125	4,120	4,115	4,110	4,104	3,863	3,859	3,854	3,849	3,844	47,812
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	11,389	11,375	11,361	11,347	11,333	11,319	11,332	11,318	11,304	11,290	11,276	135,906
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.4860%	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	35,160
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1645%	324	324	324	324	324	324	324	324	324	324	324	324	3,888
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,773	\$18,754	\$18,735	\$18,716	\$18,697	\$18,677	\$18,449	\$18,431	\$18,412	\$18,393	\$18,374	\$18,355	\$222,766
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$18,773	\$18,754	\$18,735	\$18,716	\$18,697	\$18,677	\$18,449	\$18,431	\$18,412	\$18,393	\$18,374	\$18,355	\$222,766

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Anclole (Project 4.3)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	
3	Less Accumulated Depreciation	(79,086)	(79,611)	(80,136)	(80,661)	(81,186)	(81,711)	(82,236)	(82,761)	(83,286)	(83,811)	(84,336)	(84,861)	(85,386)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$211,211	\$210,686	\$210,161	\$209,636	\$209,111	\$208,586	\$208,061	\$207,536	\$207,011	\$206,486	\$205,961	\$205,436	\$204,911	
6	Average Net Investment		210,949	210,424	209,899	209,374	208,849	208,324	207,799	207,274	206,749	206,224	205,699	205,174	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	367	366	365	364	363	362	341	340	339	338	337	4,218
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	1,012	1,009	1,007	1,004	1,002	999	999	996	994	991	989	11,988
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.1722%	525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.8490%	205	205	205	205	205	205	205	205	205	205	205	205	2,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,109	\$2,105	\$2,102	\$2,098	\$2,095	\$2,091	\$2,070	\$2,066	\$2,063	\$2,059	\$2,056	\$2,052	\$24,966
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,109	\$2,105	\$2,102	\$2,098	\$2,095	\$2,091	\$2,070	\$2,066	\$2,063	\$2,059	\$2,056	\$2,052	\$24,966

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - AVON PARK (Project 7.2a)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	
3	Less Accumulated Depreciation	(48,185)	(48,589)	(48,993)	(49,397)	(49,801)	(50,205)	(50,609)	(51,013)	(51,417)	(51,821)	(52,225)	(52,629)	(53,033)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$113,569	\$113,165	\$112,761	\$112,357	\$111,953	\$111,549	\$111,145	\$110,741	\$110,337	\$109,933	\$109,529	\$109,125	\$108,721	
6	Average Net Investment		113,367	112,963	112,559	112,155	111,751	111,347	110,943	110,539	110,135	109,731	109,327	108,923	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.09%	Jul-Dec 1.97%												
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	3.0000%	404	404	404	404	404	404	404	404	404	404	404	404	4,848
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9420%	127	127	127	127	127	127	127	127	127	127	127	127	1,524
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,272	\$1,269	\$1,267	\$1,264	\$1,261	\$1,259	\$1,246	\$1,243	\$1,241	\$1,239	\$1,236	\$1,234	\$15,031
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,272	\$1,269	\$1,267	\$1,264	\$1,261	\$1,259	\$1,246	\$1,243	\$1,241	\$1,239	\$1,236	\$1,234	\$15,031

For Project: CAIR CTs - BARTOW (Project 7.2b)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	
3	Less Accumulated Depreciation	(58,153)	(58,511)	(58,869)	(59,227)	(59,585)	(59,943)	(60,301)	(60,659)	(61,017)	(61,375)	(61,733)	(62,091)	(62,449)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 3 + 4)	\$217,194	\$216,836	\$216,478	\$216,120	\$215,762	\$215,404	\$215,046	\$214,688	\$214,330	\$213,972	\$213,614	\$213,256	\$212,898	
6	Average Net Investment		217,015	216,657	216,299	215,941	215,583	215,225	214,867	214,509	214,151	213,793	213,435	213,077	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.09%	Jul-Dec 1.97%												
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	1.5610%	358	358	358	358	358	358	358	358	358	358	358	358	4,296
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9930%	228	228	228	228	228	228	228	228	228	228	228	228	2,736
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,004	\$2,002	\$1,999	\$1,998	\$1,995	\$1,992	\$1,971	\$1,969	\$1,966	\$1,964	\$1,962	\$1,959	\$23,781
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,004	\$2,002	\$1,999	\$1,998	\$1,995	\$1,992	\$1,971	\$1,969	\$1,966	\$1,964	\$1,962	\$1,959	\$23,781

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - BAYBORO (Project 7.2c)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	
3	Less Accumulated Depreciation	(52,479)	(52,863)	(53,247)	(53,631)	(54,015)	(54,399)	(54,783)	(55,167)	(55,551)	(55,935)	(56,319)	(56,703)	(57,087)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$146,509	\$146,125	\$145,741	\$145,357	\$144,973	\$144,589	\$144,205	\$143,821	\$143,437	\$143,053	\$142,669	\$142,285	\$141,901	
6	Average Net Investment		146,317	145,933	145,549	145,165	144,781	144,397	144,013	143,629	143,245	142,861	142,477	142,093	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.09%													
	b. Equity Component Grossed Up For Taxes	Jul-Dec 1.97%	254	254	253	252	252	251	236	235	235	234	234	233	2,923
	c. Other	5.75%	702	700	698	696	694	692	692	690	689	687	685	683	8,308
		5.77%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.3149%	384	384	384	384	384	384	384	384	384	384	384	384	4,608
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9930%	165	165	165	165	165	165	165	165	165	165	165	165	1,980
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,505	\$1,503	\$1,500	\$1,497	\$1,495	\$1,492	\$1,477	\$1,474	\$1,473	\$1,470	\$1,468	\$1,465	\$17,819
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,505	\$1,503	\$1,500	\$1,497	\$1,495	\$1,492	\$1,477	\$1,474	\$1,473	\$1,470	\$1,468	\$1,465	\$17,819

For Project: CAIR CTs - DeBARY (Project 7.2d)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	
3	Less Accumulated Depreciation	(30,027)	(30,246)	(30,465)	(30,684)	(30,903)	(31,122)	(31,341)	(31,560)	(31,779)	(31,998)	(32,217)	(32,436)	(32,655)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$57,640	\$57,421	\$57,202	\$56,983	\$56,764	\$56,545	\$56,326	\$56,107	\$55,888	\$55,669	\$55,450	\$55,231	\$55,012	
6	Average Net Investment		57,531	57,312	57,093	56,874	56,655	56,436	56,217	55,998	55,779	55,560	55,341	55,122	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.09%													
	b. Equity Component Grossed Up For Taxes	Jul-Dec 1.97%	100	100	99	99	99	98	92	92	91	91	91	90	1,142
	c. Other	5.75%	276	275	274	273	272	271	270	269	268	267	266	265	3,246
		5.77%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	219	219	219	219	219	219	219	219	219	219	219	219	2,628
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	1.1630%	85	85	85	85	85	85	85	85	85	85	85	85	1,020
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$680	\$679	\$677	\$676	\$675	\$673	\$666	\$665	\$663	\$662	\$661	\$659	\$8,036
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$680	\$679	\$677	\$676	\$675	\$673	\$666	\$665	\$663	\$662	\$661	\$659	\$8,036

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - HIGGINS (Project 7.2e)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	
3	Less Accumulated Depreciation	(97,245)	(98,084)	(98,923)	(99,762)	(100,601)	(101,440)	(102,279)	(103,118)	(103,957)	(104,796)	(105,635)	(106,474)	(107,313)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$249,953	\$249,114	\$248,275	\$247,436	\$246,597	\$245,758	\$244,919	\$244,080	\$243,241	\$242,402	\$241,563	\$240,724	\$239,885	
6	Average Net Investment		249,533	248,694	247,855	247,016	246,177	245,338	244,499	243,660	242,821	241,982	241,143	240,304	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.09%	Jul-Dec 1.97%												
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	2.9000%													
	b. Amortization														
	c. Dismantlement														
	d. Property Taxes	0.9930%													
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,757	\$2,751	\$2,746	\$2,741	\$2,735	\$2,730	\$2,702	\$2,696	\$2,691	\$2,686	\$2,680	\$2,675	\$32,590
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,757	\$2,751	\$2,746	\$2,741	\$2,735	\$2,730	\$2,702	\$2,696	\$2,691	\$2,686	\$2,680	\$2,675	\$32,590

For Project: CAIR CTs - INTERCESSION CITY (Project 7.2f)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	
3	Less Accumulated Depreciation	(104,455)	(105,242)	(106,029)	(106,816)	(107,603)	(108,390)	(109,177)	(109,964)	(110,751)	(111,538)	(112,325)	(113,112)	(113,899)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$245,129	\$244,342	\$243,555	\$242,768	\$241,981	\$241,194	\$240,407	\$239,620	\$238,833	\$238,046	\$237,259	\$236,472	\$235,685	
6	Average Net Investment		244,735	243,948	243,161	242,374	241,587	240,800	240,013	239,226	238,439	237,652	236,865	236,078	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.09%	Jul-Dec 1.97%												
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	2.7000%													
	b. Amortization														
	c. Dismantlement														
	d. Property Taxes	0.8500%													
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,635	\$2,629	\$2,624	\$2,618	\$2,614	\$2,609	\$2,582	\$2,577	\$2,572	\$2,566	\$2,562	\$2,557	\$31,145
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,635	\$2,629	\$2,624	\$2,618	\$2,614	\$2,609	\$2,582	\$2,577	\$2,572	\$2,566	\$2,562	\$2,557	\$31,145

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - TURNER (Project 7.2g)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
3a	Regulatory Asset Balance (B)	9,674	6,450	3,225	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$9,674	\$6,450	\$3,225	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	
6	Average Net Investment		8,062	4,837	1,612	0	0	0	0	0	0	0	0	0	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	14	8	3	0	0	0	0	0	0	0	0	25
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	39	23	8	0	0	0	0	0	0	0	0	70
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.2187%	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)		3,225	3,225	3,225	0	0	0	0	0	0	0	0	0	9,674
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	1.1630%	0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,278	\$3,256	\$3,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,769
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,278	\$3,256	\$3,236	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9,769

For Project: CAIR CTs - SUWANNEE (Project 7.2h)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	
3	Less Accumulated Depreciation	(\$61,266)	(61,689)	(62,112)	(62,535)	(62,958)	(63,381)	(63,804)	(64,227)	(64,650)	(65,073)	(65,496)	(65,919)	(66,342)	
4	CWIP - Non-Interest Bearing	\$0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$320,294	\$319,871	\$319,448	\$319,025	\$318,602	\$318,179	\$317,756	\$317,333	\$316,910	\$316,487	\$316,064	\$315,641	\$315,218	
6	Average Net Investment		320,082	319,659	319,236	318,813	318,390	317,967	317,544	317,121	316,698	316,275	315,852	315,429	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.09%	1.97%	557	556	555	554	554	553	520	519	518	518	517	6,441
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	1,535	1,533	1,531	1,529	1,527	1,525	1,527	1,524	1,522	1,518	1,516	18,307
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.3299%	423	423	423	423	423	423	423	423	423	423	423	423	5,076
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.8060%	256	256	256	256	256	256	256	256	256	256	256	256	3,072
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,771	\$2,768	\$2,765	\$2,762	\$2,760	\$2,757	\$2,726	\$2,723	\$2,720	\$2,717	\$2,715	\$2,712	\$32,896
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,771	\$2,768	\$2,765	\$2,762	\$2,760	\$2,757	\$2,726	\$2,723	\$2,720	\$2,717	\$2,715	\$2,712	\$32,896

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

(B) Investment amortized over three years as approved in Order No. PSC-2016-0535-FOF-EI.

For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4d)
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	
3	Less Accumulated Depreciation	(\$182,129)	(186,553)	(190,977)	(195,401)	(199,825)	(204,249)	(208,673)	(213,097)	(217,521)	(221,945)	(226,369)	(230,793)	(235,217)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$1,966,971	\$1,962,547	\$1,958,123	\$1,953,699	\$1,949,275	\$1,944,851	\$1,940,427	\$1,936,003	\$1,931,579	\$1,927,155	\$1,922,731	\$1,918,307	\$1,913,883	
6	Average Net Investment		1,964,759	1,960,335	1,955,911	1,951,487	1,947,063	1,942,639	1,938,215	1,933,791	1,929,367	1,924,943	1,920,519	1,916,095	
7	Return on Average Net Investment (A)	Jan-Jun 2.09%	Jul-Dec 1.97%												
	a. Debt Component		3,417	3,409	3,401	3,394	3,386	3,378	3,177	3,169	3,162	3,155	3,148	3,140	39,336
	b. Equity Component Grossed Up For Taxes	5.75%	9,422	9,401	9,380	9,359	9,337	9,316	9,317	9,296	9,275	9,254	9,232	9,211	111,800
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.4700%	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	53,088
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1703%	305	305	305	305	305	305	305	305	305	305	305	305	3,660
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$17,568	\$17,539	\$17,510	\$17,482	\$17,452	\$17,423	\$17,223	\$17,194	\$17,166	\$17,138	\$17,109	\$17,080	\$207,884
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$17,568	\$17,539	\$17,510	\$17,482	\$17,452	\$17,423	\$17,223	\$17,194	\$17,166	\$17,138	\$17,109	\$17,080	\$207,884

For Project: Crystal River 4 and 5 - Conditions of Certification (Project 7.4q)
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$1,371,979	\$1,237,479	\$974,639	\$579,883	\$225,674	\$708,445	\$412,457	\$165,535	\$35,000	\$35,000	\$35,000	\$35,000	\$5,816,092
	b. Clearings to Plant		0	79,482,748	974,639	579,883	225,674	708,445	412,457	165,535	35,000	35,000	35,000	35,000	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$614,010	614,010	80,096,758	81,071,397	81,651,280	81,876,954	82,585,399	82,997,856	83,163,391	83,198,391	83,233,391	83,268,391	83,303,391	
3	Less Accumulated Depreciation	(\$43,923)	(43,923)	(143,109)	(243,502)	(344,614)	(446,005)	(548,273)	(651,052)	(754,036)	(857,063)	(960,134)	(1,063,248)	(1,166,405)	
4	CWIP - Non-Interest Bearing	76,873,290	78,245,269	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$77,444,137	\$78,815,356	\$79,953,649	\$80,827,895	\$81,306,666	\$81,430,949	\$82,037,126	\$82,346,804	\$82,409,355	\$82,341,328	\$82,273,257	\$82,205,143	\$82,136,986	
6	Average Net Investment		78,129,747	79,384,503	80,390,772	81,067,280	81,368,807	81,734,038	82,191,965	82,378,080	82,375,342	82,307,293	82,239,200	82,171,065	
7	Return on Average Net Investment (A)	Jan-Jun 2.09%	Jul-Dec 1.97%												
	a. Debt Component		135,868	138,050	139,800	140,976	141,500	142,135	134,706	135,011	135,006	134,895	134,783	134,672	1,647,402
	b. Equity Component Grossed Up For Taxes	5.75%	374,678	380,695	385,521	388,765	390,211	391,962	395,115	396,010	395,997	395,670	395,342	395,015	4,684,981
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.4860%	760	99,186	100,393	101,112	101,391	102,268	102,779	102,984	103,027	103,071	103,114	103,157	1,123,242
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1703%	87	11,366	11,505	11,587	11,619	11,720	11,778	11,802	11,807	11,812	11,816	11,821	128,720
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$511,393	\$629,297	\$637,219	\$642,440	\$644,721	\$648,085	\$644,378	\$645,837	\$645,837	\$645,448	\$645,055	\$644,665	\$7,584,345
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$511,393	\$629,297	\$637,219	\$642,440	\$644,721	\$648,085	\$644,378	\$645,837	\$645,837	\$645,448	\$645,055	\$644,665	\$7,584,345

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-2013-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4r) - CR4 Clinker Mitigation
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	
3	Less Accumulated Depreciation	(\$87,865)	(89,226)	(90,587)	(91,948)	(93,309)	(94,670)	(96,031)	(97,392)	(98,753)	(100,114)	(101,475)	(102,836)	(104,197)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$573,133	\$571,772	\$570,411	\$569,050	\$567,689	\$566,328	\$564,967	\$563,606	\$562,245	\$560,884	\$559,523	\$558,162	\$556,801	
6	Average Net Investment		572,453	571,092	569,731	568,370	567,009	565,648	564,287	562,926	561,565	560,204	558,843	557,482	
7	Return on Average Net Investment (A)	Jan-Jun 2.09%	Jul-Dec 1.97%												
	a. Debt Component		995	993	991	988	986	984	925	923	920	918	916	914	11,453
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	2,745	2,739	2,732	2,726	2,719	2,713	2,706	2,700	2,693	2,686	2,680	32,552
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.4700%	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	16,332
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1703%	94	94	94	94	94	94	94	94	94	94	94	94	1,128
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,195	\$5,187	\$5,178	\$5,169	\$5,160	\$5,152	\$5,093	\$5,084	\$5,075	\$5,066	\$5,057	\$5,049	\$61,465
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$5,195	\$5,187	\$5,178	\$5,169	\$5,160	\$5,152	\$5,093	\$5,084	\$5,075	\$5,066	\$5,057	\$5,049	\$61,465

For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4s) - CR5 Clinker Mitigation
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-19	Actual Feb-19	Actual Mar-19	Actual Apr-19	Actual May-19	Actual Jun-19	Estimated Jul-19	Estimated Aug-19	Estimated Sep-19	Estimated Oct-19	Estimated Nov-19	Estimated Dec-19	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	
3	Less Accumulated Depreciation	(\$54,331)	(55,372)	(56,413)	(57,454)	(58,495)	(59,536)	(60,577)	(61,618)	(62,659)	(63,700)	(64,741)	(65,782)	(66,823)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$451,573	\$450,532	\$449,491	\$448,450	\$447,409	\$446,368	\$445,327	\$444,286	\$443,245	\$442,204	\$441,163	\$440,122	\$439,081	
6	Return on Average Net Investment (A)		451,053	450,012	448,971	447,930	446,889	445,848	444,807	443,766	442,725	441,684	440,643	439,602	
7	Return on Average Net Investment	Jan-Jun 2.09%	Jul-Dec 1.97%												
	a. Debt Component		784	783	781	779	777	775	729	727	726	724	722	720	9,027
	b. Equity Component Grossed Up For Taxes	5.75%	5.77%	2,163	2,158	2,153	2,148	2,143	2,138	2,133	2,128	2,123	2,118	2,113	25,656
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.4700%	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	12,492
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1703%	72	72	72	72	72	72	72	72	72	72	72	72	864
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$4,060	\$4,054	\$4,047	\$4,040	\$4,033	\$4,026	\$3,980	\$3,973	\$3,967	\$3,960	\$3,953	\$3,946	\$48,039
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$4,060	\$4,054	\$4,047	\$4,040	\$4,033	\$4,026	\$3,980	\$3,973	\$3,967	\$3,960	\$3,953	\$3,946	\$48,039

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-2013-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

Docket No. 20190007-EI

Duke Energy Florida, LLC

Witness: C. A. Menendez

Exh. No. __ (CAM-5)

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DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Commission Forms 42-1P Through 42-8P

January 2020 - December 2020
Calculation of Projected Period Amount

Docket No. 20190007-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 11
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Christopher Menendez CAM-5

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projection Amount
January 2020 - December 2020

Form 42-1P

Docket No. 20190007-EI

Duke Energy Florida, LLC

Witness: C. A. Menendez

Exh. No. __ (CAM-5)

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Line	Energy (\$)	Transmission Demand (\$)	Distribution Demand (\$)	Production Demand (\$)	Total (\$)
1 Total Jurisdictional Rev Req for the Projected Period					
a Projected O&M Activities (Form 42-2P, Lines 7 through 9)	\$22,181,818	\$17,544	\$300	\$1,289,814	\$23,489,476
b Projected Capital Projects (Form 42-3P, Lines 7 through 9)	22,768,609	0	1,057	2,996,381	25,766,047
c Total Jurisdictional Rev Req for the Projected Period (Lines 1a + 1b)	44,950,427	17,544	1,357	4,286,195	49,255,523
2 True-up for Estimated Over/(Under) Recovery for the Current Period January 2019 - December 2019 (Form 42-2E, Line 5 + 6 + 10)	15,805,352	(111,566)	34,850	937,370	16,666,006
3 Final True-up for the Period January 2018 - December 2018 (Form 42-1A, Line 3)	2,164,200	(99,190)	(170,850)	94,782	1,988,942
4 Total Jurisdictional Amount to Be Recovered/(Refunded) in the Projection Period January 2020 - December 2020 (Line 1 - Line 2 - Line 3)	26,980,875	228,300	137,357	3,254,043	30,600,575
5 Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier of 1.00072)	\$27,000,301	\$228,464	\$137,456	\$3,256,386	\$30,622,607

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projection Amount
January 2020 - December 2020

Form 42-2P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ____ (CAM-5)
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O&M Activities
(in Dollars)

Line	Description	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	O&M Activities - System													
1	Transmission Substation Environmental Investigation, Remediation and Pollution Prevention	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$24,996
1a	Distribution Substation Environmental Investigation, Remediation and Pollution Prevention	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Distribution System Environmental Investigation, Remediation and Pollution Prevention	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intm	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Above Ground Tank Secondary Containment - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
5	SO2/NOx Emissions Allowances - Energy	1,684	1,072	899	602	1,243	1,447	1,691	1,726	1,534	1,557	811	457	14,722
6	Phase II Cooling Water Intake 316(b) - Base	0	25,200	0	25,200	0	12,200	0	5,200	0	200	0	200	68,200
6a	Phase II Cooling Water Intake 316(b) - Intm	0	25,100	0	25,100	0	12,100	0	5,100	0	100	0	100	67,600
7.2	CAIR/CAMR - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River - Base	1,150,118	1,450,148	1,159,358	966,883	1,154,156	1,154,421	1,330,822	1,098,701	1,098,717	1,098,733	1,048,750	1,267,584	13,978,392
7.4	CAIR/CAMR Crystal River - Energy	427,278	272,590	448,060	228,418	522,230	637,732	776,510	904,749	705,633	489,512	223,311	33,586	5,669,608
7.4	CAIR/CAMR Crystal River - A&G	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	96,825
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	150,000	150,000	150,000	150,000	300,000	300,000	300,000	300,000	275,000	275,000	275,000	275,000	2,900,000
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Arsenic Groundwater Standard - Base	25,000	25,000	62,500	0	37,500	502,500	37,500	0	37,500	0	0	540,000	1,267,500
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	75	75	50	50	50	0	0	300
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines Program CRN - Energy	0	0	10,000	0	0	10,000	0	0	10,000	0	0	10,000	40,000
16	National Pollutant Discharge Elimination System (NPDES) - Energy	0	0	0	5,500	0	5,100	0	9,300	0	5,500	0	0	25,400
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	48,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	598,000
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
18	Coal Combustion Residual (CCR) Rule - Energy	49,200	36,700	11,700	11,700	17,700	17,200	11,700	16,700	16,700	16,700	17,700	17,200	240,900
2	Total O&M Activities - Recoverable Costs	\$1,861,431	\$2,045,962	\$1,902,669	\$1,473,554	\$2,092,981	\$2,712,927	\$2,518,451	\$2,401,677	\$2,205,285	\$1,947,503	\$1,625,724	\$2,204,279	\$24,992,444
3	Recoverable Costs Allocated to Energy	676,161	510,362	670,659	446,220	891,174	1,021,480	1,139,902	1,282,474	1,058,866	838,268	566,822	386,243	9,488,631
4	Recoverable Costs Allocated to Demand - Transm	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	24,996
	Recoverable Costs Allocated to Demand - Distrib	0	0	0	0	0	75	75	50	50	50	0	0	300
	Recoverable Costs Allocated to Demand - Prod-Base	1,175,118	1,500,348	1,221,858	992,083	1,191,656	1,669,121	1,368,322	1,103,901	1,136,217	1,098,933	1,048,750	1,807,784	15,314,092
	Recoverable Costs Allocated to Demand - Prod-Intm	0	25,100	0	25,100	0	12,100	0	5,100	0	100	0	100	67,600
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
	Recoverable Costs Allocated to Demand - A&G	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	96,825
5	Retail Energy Jurisdictional Factor	0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
6	Retail Transmission Demand Jurisdictional Factor	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
	Retail Production Demand Jurisdictional Factor - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Production Demand Jurisdictional Factor - Intm	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Production Demand Jurisdictional Factor - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
	Retail Production Demand Jurisdictional Factor - A&G	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	
7	Jurisdictional Energy Recoverable Costs (A)	635,787	484,676	644,329	426,117	847,849	977,208	1,090,548	1,234,557	1,023,792	813,057	555,031	374,776	9,107,727
8	Jurisdictional Demand Recoverable Costs - Transm (B)	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	17,544
	Jurisdictional Demand Recoverable Costs - Distrib (B)	0	0	0	0	0	75	75	50	50	50	0	0	300
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,091,508	1,393,599	1,134,923	921,496	1,106,870	1,550,363	1,270,966	1,025,358	1,055,375	1,020,744	974,132	1,679,160	14,224,494
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	0	18,248	0	18,248	0	8,797	0	3,708	0	73	0	73	49,147
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jurisdictional Demand Recoverable Costs - A&G (B)	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	90,264
9	Total Jurisdictional Recoverable Costs - O&M Activities (Lines 7 + 8)	\$1,736,279	\$1,905,507	\$1,788,236	\$1,374,845	\$1,963,703	\$2,545,427	\$2,370,573	\$2,272,657	\$2,088,201	\$1,842,908	\$1,538,147	\$2,062,993	\$23,489,476

Notes:

- (A) Line 3 x Line 5
(B) Line 4 x Line 6

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projection Amount
January 2020 - December 2020

Form 42-3P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ___ (CAM-5)
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Capital Investment Projects-Recoverable Costs
(In Dollars)

Line	Description	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investment Projects - System (A)													
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intm	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.1	Above Ground Tank Secondary Containment - Peaking	71,251	71,068	70,888	70,705	70,527	70,346	86,050	85,765	85,477	85,190	84,905	84,618	936,790
4.2	Above Ground Tank Secondary Containment - Base	18,531	18,511	18,492	18,472	18,452	18,432	18,413	18,393	18,375	18,355	18,335	18,316	221,077
4.3	Above Ground Tank Secondary Containment - Intm	2,050	2,046	2,043	2,040	2,037	2,033	2,030	2,026	2,023	2,019	2,017	2,013	24,377
5	SO2/NOX Emissions Allowances - Energy	20,775	20,765	20,759	20,754	20,748	20,740	20,729	20,718	20,708	20,698	20,690	20,686	248,770
6	Phase II Cooling Water Intake 316(b) - Base	38,192	41,709	44,890	47,143	48,440	48,906	49,704	50,684	63,121	64,051	74,507	82,461	653,808
7.1	CAIR/CAMR Anclote- Intm	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	13,242	13,222	13,201	13,178	13,157	13,496	49,853	49,595	49,337	49,079	48,820	48,564	374,744
7.3	CAMR Crystal River - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River AFUDC - Base	670,453	669,745	669,035	668,325	667,617	666,907	666,197	665,489	664,780	664,070	663,359	662,651	7,998,628
7.4	CAIR/CAMR Crystal River AFUDC - Energy	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	76,571
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Sea Turtle - Coastal Street Lighting -Distrib	89	89	88	87	87	87	87	89	89	90	90	90	1,062
10.1	Underground Storage Tanks - Base	1,186	1,184	1,182	1,180	1,179	1,176	1,175	1,172	1,171	1,168	1,167	1,166	14,106
10.2	Underground Storage Tanks - Intm	552	551	549	548	547	545	544	543	542	541	540	538	6,540
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (Post 2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines CRN (ELG) - Base	18,950	19,050	19,150	19,250	19,285	19,256	19,228	19,198	19,169	19,140	19,111	19,082	229,869
16	National Pollutant Discharge Elimination System (NPDES) - Intm	115,180	114,949	114,720	114,489	114,259	114,029	113,799	113,569	113,339	113,108	112,879	112,648	1,366,968
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	28,058	28,015	27,972	27,930	27,887	27,845	27,803	27,760	27,717	27,675	27,633	27,591	333,890
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	1,072,732	1,071,169	1,069,605	1,068,042	1,066,479	1,064,914	1,063,351	1,061,788	1,060,224	1,058,661	1,057,097	1,055,533	12,769,589
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	183,867	183,416	182,965	182,514	182,064	181,612	181,161	180,710	180,259	179,808	179,357	178,906	2,176,644
18	Coal Combustion Residual (CCR) Rule - Base	3,636	3,676	3,716	3,755	3,795	3,835	3,875	3,915	3,955	3,995	4,035	4,075	45,451
2	Total Investment Projects - Recoverable Costs	\$2,265,125	\$2,265,546	\$2,265,636	\$2,264,793	\$2,262,941	\$2,260,540	\$2,310,358	\$2,307,728	\$2,316,554	\$2,313,871	\$2,320,720	\$2,325,070	\$27,478,884
3	Recoverable Costs Allocated to Energy	1,311,813	1,309,746	1,307,682	1,305,621	1,303,559	1,301,492	1,299,425	1,297,357	1,295,289	1,293,223	1,291,158	1,289,097	15,605,464
	Recoverable Costs Allocated to Distribution Demand	89	89	88	87	87	87	87	89	89	90	90	90	1,062
4	Recoverable Costs Allocated to Demand - Production - Base	750,948	753,875	756,465	758,125	758,768	758,512	758,570	758,784	770,458	770,621	780,311	787,502	9,162,939
	Recoverable Costs Allocated to Demand - Production - Intermediate	117,782	117,546	117,312	117,077	116,843	116,607	116,373	116,138	115,904	115,668	115,436	115,199	1,397,885
	Recoverable Costs Allocated to Demand - Production - Peaking	84,493	84,290	84,089	83,883	83,684	83,482	135,903	135,360	134,814	134,269	133,725	133,182	1,311,534
5	Retail Energy Jurisdictional Factor	0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
6	Retail Demand Jurisdictional Factor - Production - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Demand Jurisdictional Factor - Production - Intermediate	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Demand Jurisdictional Factor - Production - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
7	Jurisdictional Energy Recoverable Costs (B)	1,233,484	1,243,829	1,256,342	1,246,802	1,240,185	1,245,085	1,243,164	1,248,884	1,252,383	1,254,330	1,264,299	1,250,826	14,979,614
	Jurisdictional Demand Recoverable Costs - Distribution (B)	89	89	88	87	87	87	87	89	89	90	90	90	1,057
8	Jurisdictional Demand Recoverable Costs - Production - Base (C)	697,518	700,237	702,643	704,184	704,782	704,544	704,598	704,797	715,640	715,791	724,792	731,471	8,510,996
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	85,631	85,459	85,289	85,118	84,948	84,777	84,607	84,436	84,266	84,094	83,925	83,753	1,016,304
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	81,049	80,854	80,662	80,464	80,273	80,425	130,364	129,843	129,319	128,796	128,274	127,754	1,258,076
9	Total Jurisdictional Recoverable Costs - Investment Projects (Lines 7 + 8)	\$2,097,771	\$2,110,468	\$2,125,023	\$2,116,655	\$2,110,275	\$2,114,917	\$2,162,819	\$2,168,048	\$2,181,696	\$2,183,101	\$2,201,381	\$2,193,893	\$25,766,047

Notes:

- (A) Each project's Total System Recoverable Expenses on Form 42-4P, Line 9; Form 42-4P, Line 5 for Projects 5 - Emission Allowances and Project 7. 4 - Reagents.
(B) Line 3 x Line 5
(C) Line 4 x Line 6

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ____ (CAM-5)
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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Peaking (Project 4.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements (G)		0	0	0	0	0	573,906	0	0	0	0	0	0	0
d.	Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298
3	Less: Accumulated Depreciation	(\$3,747,487)	(\$3,775,556)	(\$3,803,625)	(\$3,831,694)	(\$3,859,763)	(\$3,887,832)	(\$3,341,996)	(\$3,594,402)	(\$3,619,978)	(\$3,645,554)	(\$3,671,130)	(\$3,696,706)	(\$3,722,282)	
3a	Regulatory Asset Balance (G)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$207,929	\$189,027	\$170,125	\$151,223	\$132,321	\$113,419	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	<u>\$5,487,717</u>	<u>\$5,459,648</u>	<u>\$5,431,579</u>	<u>\$5,403,510</u>	<u>\$5,375,441</u>	<u>\$5,347,372</u>	<u>\$5,319,303</u>	<u>\$5,274,825</u>	<u>\$5,230,347</u>	<u>\$5,185,869</u>	<u>\$5,141,391</u>	<u>\$5,096,913</u>	<u>\$5,052,435</u>	
6			\$5,473,682	\$5,445,613	\$5,417,544	\$5,389,475	\$5,361,406	\$5,333,337	\$5,297,064	\$5,252,586	\$5,208,108	\$5,163,630	\$5,119,152	\$5,074,674	
7	Return on Average Net Investment (B)														
a.	Debt Component	1.97%	8,992	8,945	8,899	8,853	8,807	8,761	8,700	8,628	8,554	8,481	8,409	8,335	104,364
b.	Equity Component Grossed Up For Taxes	5.77%	26,314	26,178	26,044	25,907	25,775	25,640	25,463	25,250	25,036	24,822	24,609	24,396	305,434
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation (C)		28,069	28,069	28,069	28,069	28,069	28,069	25,576	25,576	25,576	25,576	25,576	25,576	321,870
b.	Amortization (G)		0	0	0	0	0	0	18,902	18,902	18,902	18,902	18,902	18,902	113,412
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes (D)		7,876	7,876	7,876	7,876	7,876	7,876	7,409	7,409	7,409	7,409	7,409	7,409	91,710
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$71,251	\$71,068	\$70,888	\$70,705	\$70,527	\$70,346	\$86,050	\$85,765	\$85,477	\$85,190	\$84,905	\$84,618	\$936,790
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$71,251	\$71,068	\$70,888	\$70,705	\$70,527	\$70,346	\$86,050	\$85,765	\$85,477	\$85,190	\$84,905	\$84,618	\$936,790
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		68,347	68,171	67,999	67,823	67,652	67,479	82,543	82,269	81,993	81,718	81,444	81,169	898,606
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$68,347</u>	<u>\$68,171</u>	<u>\$67,999</u>	<u>\$67,823</u>	<u>\$67,652</u>	<u>\$67,479</u>	<u>\$82,543</u>	<u>\$82,269</u>	<u>\$81,993</u>	<u>\$81,718</u>	<u>\$81,444</u>	<u>\$81,169</u>	<u>\$898,606</u>

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11
(G) Projects 4.1d and 4.1i to be amortized over one year in accordance with petition filed 8/30/2019 in Docket 20190007-EI

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ____ (CAM-5)
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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Base (Project 4.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	
3	Less: Accumulated Depreciation	(45,535)	(48,567)	(51,599)	(54,631)	(57,663)	(60,695)	(63,727)	(66,759)	(69,791)	(72,823)	(75,855)	(78,887)	(81,919)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$2,353,504	\$2,350,472	\$2,347,440	\$2,344,408	\$2,341,376	\$2,338,344	\$2,335,312	\$2,332,280	\$2,329,248	\$2,326,216	\$2,323,184	\$2,320,152	\$2,317,120	
6	Average Net Investment		\$2,351,988	\$2,348,956	\$2,345,924	\$2,342,892	\$2,339,860	\$2,336,828	\$2,333,796	\$2,330,764	\$2,327,732	\$2,324,700	\$2,321,668	\$2,318,636	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	3,863	3,858	3,854	3,849	3,843	3,838	3,833	3,828	3,824	3,819	3,813	3,808	46,030
	b. Equity Component Grossed Up For Taxes	5.77%	11,307	11,292	11,277	11,262	11,248	11,233	11,219	11,204	11,190	11,175	11,161	11,147	134,715
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	36,384
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		329	329	329	329	329	329	329	329	329	329	329	329	3,948
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,531	\$18,511	\$18,492	\$18,472	\$18,452	\$18,432	\$18,413	\$18,393	\$18,375	\$18,355	\$18,335	\$18,316	\$221,077
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$18,531	\$18,511	\$18,492	\$18,472	\$18,452	\$18,432	\$18,413	\$18,393	\$18,375	\$18,355	\$18,335	\$18,316	\$221,077
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		17,213	17,194	17,176	17,158	17,139	17,121	17,103	17,084	17,068	17,049	17,030	17,013	205,347
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,213	\$17,194	\$17,176	\$17,158	\$17,139	\$17,121	\$17,103	\$17,084	\$17,068	\$17,049	\$17,030	\$17,013	\$205,347

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ____ (CAM-5)
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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Intermediate (Project 4.3)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297
3	Less: Accumulated Depreciation	(\$85,386)	(85,911)	(86,436)	(86,961)	(87,486)	(88,011)	(88,536)	(89,061)	(89,586)	(90,111)	(90,636)	(91,161)	(91,686)	(91,686)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2+ 3 + 4)	\$204,911	\$204,386	\$203,861	\$203,336	\$202,811	\$202,286	\$201,761	\$201,236	\$200,711	\$200,186	\$199,661	\$199,136	\$198,611	
6	Average Net Investment		\$204,649	\$204,124	\$203,599	\$203,074	\$202,549	\$202,024	\$201,499	\$200,974	\$200,449	\$199,924	\$199,399	\$198,874	
7	Return on Average Net Investment (B)														
	a. Debt Component 1.97%		336	335	334	334	333	332	331	330	329	328	328	327	3,977
	b. Equity Component Grossed Up For Taxes 5.77%		984	981	979	976	974	971	969	966	964	961	959	956	11,640
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		205	205	205	205	205	205	205	205	205	205	205	205	2,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,050	\$2,046	\$2,043	\$2,040	\$2,037	\$2,033	\$2,030	\$2,026	\$2,023	\$2,019	\$2,017	\$2,013	\$24,377
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,050	\$2,046	\$2,043	\$2,040	\$2,037	\$2,033	\$2,030	\$2,026	\$2,023	\$2,019	\$2,017	\$2,013	\$24,377
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,490	1,488	1,485	1,483	1,481	1,478	1,476	1,473	1,471	1,468	1,466	1,464	17,723
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,490	\$1,488	\$1,485	\$1,483	\$1,481	\$1,478	\$1,476	\$1,473	\$1,471	\$1,468	\$1,466	\$1,464	\$17,723

Notes:

- (A) N/A
 (B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
 (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
 (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
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SO2 and NOx EMISSIONS ALLOWANCES - Energy (Project 5)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0158150 SO ₂ Emission Allowance Inventory	\$3,221,762	\$3,220,079	\$3,219,007	\$3,218,107	\$3,217,506	\$3,216,262	\$3,214,815	\$3,213,124	\$3,211,398	\$3,209,864	\$3,208,308	\$3,207,497	\$3,207,040	\$3,207,040
	b. 0254020 Auctioned SO ₂ Allowance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. 0158170 NO _x Emission Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Total Working Capital	\$3,221,762	\$3,220,079	\$3,219,007	\$3,218,107	\$3,217,506	\$3,216,262	\$3,214,815	\$3,213,124	\$3,211,398	\$3,209,864	\$3,208,308	\$3,207,497	\$3,207,040	\$3,207,040
3	Average Net Investment		\$3,220,921	\$3,219,543	\$3,218,557	\$3,217,807	\$3,216,884	\$3,215,539	\$3,213,969	\$3,212,261	\$3,210,631	\$3,209,086	\$3,207,902	\$3,207,269	
4	Return on Average Net Working Capital Balance (B)														
	a. Debt Component 1.97%		5,291	5,288	5,287	5,285	5,284	5,282	5,279	5,276	5,274	5,271	5,269	5,268	63,354
	b. Equity Component Grossed Up For Taxes 5.77%		15,484	15,477	15,472	15,469	15,464	15,458	15,450	15,442	15,434	15,427	15,421	15,418	185,416
5	Total Return Component (C)		\$20,775	\$20,765	\$20,759	\$20,754	\$20,748	\$20,740	\$20,729	\$20,718	\$20,708	\$20,698	\$20,690	\$20,686	248,770
6	Expense Dr (Cr)														
	a. 0509030 SO ₂ Allowance Expense		\$1,684	\$1,072	\$899	\$602	\$1,243	\$1,447	\$1,691	\$1,726	\$1,534	\$1,557	\$811	\$457	14,722
	b. 0407426 Amortization Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. 0509212 NO _x Allowance Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (D)		1,684	1,072	899	602	1,243	1,447	1,691	1,726	1,534	1,557	811	457	14,722
8	Total System Recoverable Expenses (Lines 5 + 7)		\$22,459	\$21,837	\$21,658	\$21,356	\$21,991	\$22,187	\$22,420	\$22,444	\$22,242	\$22,255	\$21,501	\$21,143	263,492
	a. Recoverable costs allocated to Energy		\$22,459	\$21,837	\$21,658	\$21,356	\$21,991	\$22,187	\$22,420	\$22,444	\$22,242	\$22,255	\$21,501	\$21,143	263,492
	b. Recoverable costs allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
9	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (E)		\$21,118	\$20,738	\$20,808	\$20,394	\$20,922	\$21,226	\$21,450	\$21,605	\$21,505	\$21,585	\$21,053	\$20,515	252,919
12	Retail Demand-Related Recoverable Costs (F)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 21,118	\$ 20,738	\$ 20,808	\$ 20,394	\$ 20,922	\$ 21,226	\$ 21,450	\$ 21,605	\$ 21,505	\$ 21,585	\$ 21,053	\$ 20,515	\$ 252,919

Notes:

- (A) N/A
- (B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
- (C) Line 5 is reported on Capital Schedule
- (D) Line 7 is reported on O&M Schedule
- (E) Line 8a x Line 9
- (F) Line 8b x Line 10

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ___ (CAM-5)
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Return on Capital Investments, Depreciation and Taxes
For Project: Phase II Cooling Water Intake 316(b) - Base (Project 6)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$479,225	\$611,225	\$375,225	\$323,225	\$79,225	\$65,225	\$182,000	\$122,000	\$248,654	\$42,312	\$2,328,664	\$43,020	\$4,900,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	8,167,876	42,312	2,328,664	43,020	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	8,167,876	8,210,188	10,538,852	10,581,872	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	(10,115)	(20,282)	(33,333)	(46,437)	
4	CWIP - Non-Interest Bearing	5,681,872	6,161,097	6,772,322	7,147,547	7,470,772	7,549,997	7,615,222	7,797,222	7,919,222	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$5,681,872</u>	<u>\$6,161,097</u>	<u>\$6,772,322</u>	<u>\$7,147,547</u>	<u>\$7,470,772</u>	<u>\$7,549,997</u>	<u>\$7,615,222</u>	<u>\$7,797,222</u>	<u>\$7,919,222</u>	<u>\$8,157,761</u>	<u>\$8,189,906</u>	<u>\$10,505,519</u>	<u>\$10,535,435</u>	
6	Average Net Investment		\$5,921,485	\$6,466,710	\$6,959,935	\$7,309,160	\$7,510,385	\$7,582,610	\$7,706,222	\$7,858,222	\$8,038,492	\$8,173,834	\$9,347,713	\$10,520,477	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	9,726	10,622	11,432	12,006	12,336	12,455	12,658	12,908	13,204	13,426	15,354	17,281	153,408
	b. Equity Component Grossed Up For Taxes	5.77%	28,466	31,087	33,458	35,137	36,104	36,451	37,046	37,776	38,643	39,293	44,937	50,574	448,972
	c. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	1.4860%	0	0	0	0	0	0	0	0	10,115	10,167	13,051	13,104	46,437
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	0	0	0	0	0	0	0	0	1,159	1,165	1,165	1,502	4,991
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$38,192	\$41,709	\$44,890	\$47,143	\$48,440	\$48,906	\$49,704	\$50,684	\$63,121	\$64,051	\$74,507	\$82,461	653,808
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		38,192	41,709	44,890	47,143	48,440	48,906	49,704	50,684	63,121	64,051	74,507	82,461	653,808
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		35,475	38,741	41,696	43,789	44,993	45,426	46,168	47,078	58,630	59,494	69,206	76,594	607,290
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$35,475</u>	<u>\$38,741</u>	<u>\$41,696</u>	<u>\$43,789</u>	<u>\$44,993</u>	<u>\$45,426</u>	<u>\$46,168</u>	<u>\$47,078</u>	<u>\$58,630</u>	<u>\$59,494</u>	<u>\$69,206</u>	<u>\$76,594</u>	<u>\$607,290</u>

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
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Duke Energy Florida, LLC
Witness: C. A. Menendez
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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Peaking (Project 7.2 - CT Emission Monitoring Systems)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements (G)		0	0	0	0	0	508,952	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144	
3	Less: Accumulated Depreciation	(\$492,777)	(496,191)	(499,605)	(503,019)	(506,433)	(509,847)	\$108,038	(\$347,628)	(\$349,799)	(\$351,970)	(\$354,141)	(\$356,312)	(358,483)	
3a	Regulatory Asset Balance (G)	\$0	0	0	0	0	0	0	415,704	377,913	340,122	302,331	264,540	226,749	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$1,309,319	\$1,305,905	\$1,302,491	\$1,299,077	\$1,295,663	\$1,292,249	\$1,401,182	\$1,361,220	\$1,321,258	\$1,281,296	\$1,241,334	\$1,201,372	\$1,161,410	
6			\$1,307,612	\$1,304,198	\$1,300,784	\$1,297,370	\$1,293,956	\$1,346,715	\$1,381,201	\$1,341,239	\$1,301,277	\$1,261,315	\$1,221,353	\$1,181,391	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	2,146	2,143	2,137	2,131	2,126	2,212	2,269	2,203	2,137	2,072	2,006	1,941	25,523
	b. Equity Component Grossed Up For Taxes	5.77%	6,286	6,269	6,254	6,237	6,221	6,474	6,640	6,448	6,256	6,063	5,870	5,679	74,697
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,414	3,414	3,414	3,414	3,414	3,414	2,171	2,171	2,171	2,171	2,171	2,171	33,510
	b. Amortization (G)		0	0	0	0	0	0	37,791	37,791	37,791	37,791	37,791	37,791	226,746
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		1,396	1,396	1,396	1,396	1,396	1,396	982	982	982	982	982	982	14,268
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$13,242	\$13,222	\$13,201	\$13,178	\$13,157	\$13,496	\$49,853	\$49,595	\$49,337	\$49,079	\$48,820	\$48,564	374,744
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$13,242	\$13,222	\$13,201	\$13,178	\$13,157	\$13,496	\$49,853	\$49,595	\$49,337	\$49,079	\$48,820	\$48,564	374,744
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		12,702	12,683	12,663	12,641	12,621	12,946	47,821	47,574	47,326	47,079	46,830	46,585	359,469
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$12,702	\$12,683	\$12,663	\$12,641	\$12,621	\$12,946	\$47,821	\$47,574	\$47,326	\$47,079	\$46,830	\$46,585	\$359,469

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11
(G) Projects 7.2a and 7.2e to be amortized over one year in accordance with petition filed 8/30/2019 in Docket 20190007-EI

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Duke Energy Florida, LLC
Witness: C. A. Menendez
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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	
3	Less: Accumulated Depreciation	(\$1,572,642)	(\$1,682,625)	(\$1,792,608)	(\$1,902,591)	(\$2,012,574)	(\$2,122,557)	(\$2,232,540)	(\$2,342,523)	(\$2,452,506)	(\$2,562,489)	(\$2,672,472)	(\$2,782,455)	(\$2,892,438)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$85,046,752	\$84,936,769	\$84,826,786	\$84,716,803	\$84,606,820	\$84,496,837	\$84,386,854	\$84,276,871	\$84,166,888	\$84,056,905	\$83,946,922	\$83,836,939	\$83,726,956	
6	Average Net Investment		\$84,991,760	\$84,881,777	\$84,771,794	\$84,661,811	\$84,551,828	\$84,441,845	\$84,331,862	\$84,221,879	\$84,111,896	\$84,001,913	\$83,891,930	\$83,781,947	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	139,604	139,424	139,244	139,062	138,883	138,702	138,520	138,340	138,160	137,979	137,797	137,618	1,663,333
	b. Equity Component Grossed Up For Taxes	5.77%	408,574	408,046	407,516	406,988	406,459	405,930	405,402	404,874	404,345	403,816	403,287	402,758	4,867,995
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	1,319,796
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	147,504
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$670,453	\$669,745	\$669,035	\$668,325	\$667,617	\$666,907	\$666,197	\$665,489	\$664,780	\$664,070	\$663,359	\$662,651	7,998,628
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$670,453	\$669,745	\$669,035	\$668,325	\$667,617	\$666,907	\$666,197	\$665,489	\$664,780	\$664,070	\$663,359	\$662,651	7,998,628
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		622,750	622,093	621,433	620,774	620,116	619,457	618,797	618,139	617,481	616,821	616,161	615,503	7,429,526
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$622,750	\$622,093	\$621,433	\$620,774	\$620,116	\$619,457	\$618,797	\$618,139	\$617,481	\$616,821	\$616,161	\$615,503	\$7,429,526

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property taxes calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Schedule of Amortization and Return
For Project: CAIR/CAMR - Energy (Project 7.4 - Reagents and By-Products)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0154401 Ammonia Inventory	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	74,941
	b. 0154200 Limestone Inventory	\$914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386
2	Total Working Capital	\$989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326
3	Average Net Investment		989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	
4	Return on Average Net Working Capital Balance (A)														
	a. Debt Component	1.97%	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	\$19,500
	b. Equity Component Grossed Up For Taxes	5.77%	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	57,071
5	Total Return Component (B)		6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	76,571
6															
	a. 0502010 Ammonia Expense		117,700	41,100	136,900	116,500	130,700	186,800	226,500	246,100	193,000	177,800	25,600	25,600	1,624,300
	b. 0502040 Limestone Expense		243,900	201,298	220,085	38,140	314,937	325,848	383,594	475,632	374,516	186,395	201,945	12,220	2,978,508
	c. 0502050 Dibasic Acid Expense		900	300	1,100	900	1,000	1,500	1,700	1,900	1,500	1,400	200	200	12,600
	d. 0502070 Gypsum Disposal/Sale		(34,022)	(4,608)	(24,525)	(24,522)	(34,907)	(33,916)	(26,083)	(26,083)	(26,083)	(26,083)	(26,083)	(26,083)	(313,000)
	e. 0502040 Hydrated Lime Expense		98,800	34,500	114,500	97,400	110,500	157,500	190,800	207,200	162,700	150,000	21,650	21,650	1,367,200
	f. 0502300 Caustic Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (C)		427,278	272,590	448,060	228,418	522,230	637,732	776,510	904,749	705,633	489,512	223,311	33,586	5,669,608
8	Total System Recoverable Expenses (Lines 5 + 7)		\$433,658	\$278,971	\$454,441	\$234,799	\$528,611	\$644,113	\$782,891	\$911,129	\$712,013	\$495,893	\$229,692	\$39,967	\$5,746,180
	a. Recoverable Costs Allocated to Energy		433,658	278,971	454,441	234,799	528,611	644,113	782,891	911,129	712,013	495,893	229,692	39,967	5,746,180
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (D)		407,765	264,931	436,599	224,221	502,912	616,197	748,995	877,087	688,428	480,979	224,914	38,781	5,511,808
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 407,765	\$ 264,931	\$ 436,599	\$ 224,221	\$ 502,912	\$ 616,197	\$ 748,995	\$ 877,087	\$ 688,428	\$ 480,979	\$ 224,914	\$ 38,781	\$ 5,511,808

Notes:

- (A) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(B) Line 5 is reported on Capital Schedule
(C) Line 7 is reported on O&M Schedule
(D) Line 8a x Line 9
(E) Line 8b x Line 10

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Duke Energy Florida, LLC
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Return on Capital Investments, Depreciation and Taxes
For Project: SEA TURTLE - COASTAL STREET LIGHTING - (Project 9)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$75	\$75	\$50	\$50	\$50	\$0	\$0	\$300
	b. Clearings to Plant		0	0	0	0	0	75	75	50	50	50	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$11,724	11,724	11,724	11,724	11,724	11,724	11,799	11,874	11,924	11,974	12,024	12,024	12,024	
3	Less: Accumulated Depreciation	(4,051)	(4,081)	(4,111)	(4,141)	(4,171)	(4,201)	(4,231)	(4,261)	(4,291)	(4,321)	(4,352)	(4,383)	(4,414)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$7,673	\$7,643	\$7,613	\$7,583	\$7,553	\$7,523	\$7,568	\$7,613	\$7,633	\$7,653	\$7,672	\$7,641	\$7,610	
6	Average Net Investment		\$7,658	\$7,628	\$7,598	\$7,568	\$7,538	\$7,546	\$7,591	\$7,623	\$7,643	\$7,663	\$7,657	\$7,626	
7	Return on Average Net Investment (B)														
	a. Debt Component 1.97%		13	13	12	12	12	12	12	13	13	13	13	13	151
	b. Equity Component Grossed Up For Taxes 5.77%		37	37	37	36	36	36	36	37	37	37	37	37	440
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.0658%		30	30	30	30	30	30	30	30	30	31	31	31	363
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.009414		9	9	9	9	9	9	9	9	9	9	9	9	108
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$89	\$89	\$88	\$87	\$87	\$87	\$87	\$89	\$89	\$90	\$90	\$90	1,062
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$89	\$89	\$88	\$87	\$87	\$87	\$87	\$89	\$89	\$90	\$90	\$90	1,062
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - (Distribution)		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		89	89	88	87	87	87	87	89	89	90	90	90	1,057
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$89	\$89	\$88	\$87	\$87	\$87	\$87	\$89	\$89	\$90	\$90	\$90	\$1,057

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Base (Project 10.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	
3	Less: Accumulated Depreciation	(49,552)	(49,848)	(50,144)	(50,440)	(50,736)	(51,032)	(51,328)	(51,624)	(51,920)	(52,216)	(52,512)	(52,808)	(53,104)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$119,389	\$119,093	\$118,797	\$118,501	\$118,205	\$117,909	\$117,613	\$117,317	\$117,021	\$116,725	\$116,429	\$116,133	\$115,837	
6	Average Net Investment		\$119,241	\$118,945	\$118,649	\$118,353	\$118,057	\$117,761	\$117,465	\$117,169	\$116,873	\$116,577	\$116,281	\$115,985	
7	Return on Average Net Investment (B)														
	a. Debt Component 1.97%		196	195	195	194	194	193	193	192	192	191	191	191	2,317
	b. Equity Component Grossed Up For Taxes 5.77%		573	572	570	569	568	566	565	563	562	560	559	558	6,785
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.1000%		296	296	296	296	296	296	296	296	296	296	296	296	3,552
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.008573		121	121	121	121	121	121	121	121	121	121	121	121	1,452
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,186	\$1,184	\$1,182	\$1,180	\$1,179	\$1,176	\$1,175	\$1,172	\$1,171	\$1,168	\$1,167	\$1,166	14,106
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,186	\$1,184	\$1,182	\$1,180	\$1,179	\$1,176	\$1,175	\$1,172	\$1,171	\$1,168	\$1,167	\$1,166	14,106
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,102	1,100	1,098	1,096	1,095	1,092	1,091	1,089	1,088	1,085	1,084	1,083	13,102
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,102	\$1,100	\$1,098	\$1,096	\$1,095	\$1,092	\$1,091	\$1,089	\$1,088	\$1,085	\$1,084	\$1,083	\$13,102

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Intermediate (10.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	
3	Less: Accumulated Depreciation	(31,529)	(31,732)	(31,935)	(32,138)	(32,341)	(32,544)	(32,747)	(32,950)	(33,153)	(33,356)	(33,559)	(33,762)	(33,965)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$44,477</u>	<u>\$44,274</u>	<u>\$44,071</u>	<u>\$43,868</u>	<u>\$43,665</u>	<u>\$43,462</u>	<u>\$43,259</u>	<u>\$43,056</u>	<u>\$42,853</u>	<u>\$42,650</u>	<u>\$42,447</u>	<u>\$42,244</u>	<u>\$42,041</u>	
6	Average Net Investment		\$44,376	\$44,173	\$43,970	\$43,767	\$43,564	\$43,361	\$43,158	\$42,955	\$42,752	\$42,549	\$42,346	\$42,143	
7	Return on Average Net Investment (B)														
	a. Debt Component 1.97%		73	73	72	72	72	71	71	71	70	70	70	69	854
	b. Equity Component Grossed Up For Taxes 5.77%		213	212	211	210	209	208	207	206	206	205	204	203	2,494
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.2000%		203	203	203	203	203	203	203	203	203	203	203	203	2,436
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Tax (D) 0.009890		63	63	63	63	63	63	63	63	63	63	63	63	756
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$552	\$551	\$549	\$548	\$547	\$545	\$544	\$543	\$542	\$541	\$540	\$538	6,540
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$552	\$551	\$549	\$548	\$547	\$545	\$544	\$543	\$542	\$541	\$540	\$538	6,540
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		401	401	399	398	398	396	396	395	394	393	393	391	4,755
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$401</u>	<u>\$401</u>	<u>\$399</u>	<u>\$398</u>	<u>\$398</u>	<u>\$396</u>	<u>\$396</u>	<u>\$395</u>	<u>\$394</u>	<u>\$393</u>	<u>\$393</u>	<u>\$391</u>	<u>\$4,755</u>

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
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Return on Capital Investments, Depreciation and Taxes
For Project: Effluent Limitation Guidelines CRN - Base (Project 15.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	
3	Less: Accumulated Depreciation	(8,934)	(13,445)	(17,956)	(22,467)	(26,978)	(31,489)	(36,000)	(40,511)	(45,022)	(49,533)	(54,044)	(58,555)	(63,066)	
4	CWIP - Non-Interest Bearing	0	20,000	40,000	60,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	
5	Net Investment (Lines 2 + 3 + 4)	\$2,182,748	\$2,198,237	\$2,213,726	\$2,229,215	\$2,244,704	\$2,240,193	\$2,235,682	\$2,231,171	\$2,226,660	\$2,222,149	\$2,217,638	\$2,213,127	\$2,208,616	
6	Average Net Investment		\$2,190,493	\$2,205,982	\$2,221,471	\$2,236,960	\$2,242,449	\$2,237,938	\$2,233,427	\$2,228,916	\$2,224,405	\$2,219,894	\$2,215,383	\$2,210,872	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	3,598	3,623	3,649	3,674	3,683	3,676	3,669	3,661	3,654	3,646	3,639	3,632	43,804
	b. Equity Component Grossed Up For Taxes	5.77%	10,530	10,605	10,679	10,754	10,780	10,758	10,737	10,715	10,693	10,672	10,650	10,628	128,201
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.4700%	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	54,132
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	311	311	311	311	311	311	311	311	311	311	311	311	3,732
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,950	\$19,050	\$19,150	\$19,250	\$19,285	\$19,256	\$19,228	\$19,198	\$19,169	\$19,140	\$19,111	\$19,082	229,869
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		18,950	19,050	19,150	19,250	19,285	19,256	19,228	19,198	19,169	19,140	19,111	19,082	229,869
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		17,602	17,695	17,787	17,880	17,913	17,886	17,860	17,832	17,805	17,778	17,751	17,724	213,514
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,602	\$17,695	\$17,787	\$17,880	\$17,913	\$17,886	\$17,860	\$17,832	\$17,805	\$17,778	\$17,751	\$17,724	\$213,514

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
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Return on Capital Investments, Depreciation and Taxes
For Project: NPDES - Intermediate (Project 16)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	
3	Less: Accumulated Depreciation	(2,144,574)	(2,180,246)	(2,215,918)	(2,251,590)	(2,287,262)	(2,322,934)	(2,358,606)	(2,394,278)	(2,429,950)	(2,465,622)	(2,501,294)	(2,536,966)	(2,572,638)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$10,697,296	\$10,661,624	\$10,625,952	\$10,590,280	\$10,554,608	\$10,518,936	\$10,483,264	\$10,447,592	\$10,411,920	\$10,376,248	\$10,340,576	\$10,304,904	\$10,269,232	
6	Average Net Investment		\$10,679,460	\$10,643,788	\$10,608,116	\$10,572,444	\$10,536,772	\$10,501,100	\$10,465,428	\$10,429,756	\$10,394,084	\$10,358,412	\$10,322,740	\$10,287,068	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	17,542	17,483	17,425	17,366	17,307	17,249	17,190	17,132	17,073	17,014	16,956	16,897	206,634
	b. Equity Component Grossed Up For Taxes	5.77%	51,339	51,167	50,996	50,824	50,653	50,481	50,310	50,138	49,967	49,795	49,624	49,452	604,746
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.333%	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	428,064
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.009930	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	127,524
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$115,180	\$114,949	\$114,720	\$114,489	\$114,259	\$114,029	\$113,799	\$113,569	\$113,339	\$113,108	\$112,879	\$112,648	1,366,968
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$115,180	\$114,949	\$114,720	\$114,489	\$114,259	\$114,029	\$113,799	\$113,569	\$113,339	\$113,108	\$112,879	\$112,648	1,366,968
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		83,739	83,571	83,405	83,237	83,070	82,903	82,735	82,568	82,401	82,233	82,066	81,898	993,827
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$83,739	\$83,571	\$83,405	\$83,237	\$83,070	\$82,903	\$82,735	\$82,568	\$82,401	\$82,233	\$82,066	\$81,898	\$993,827

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 4 & 5 - Energy (Project 17)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	
3	Less: Accumulated Depreciation	(345,965)	(352,547)	(359,129)	(365,711)	(372,293)	(378,875)	(385,457)	(392,039)	(398,621)	(405,203)	(411,785)	(418,367)	(424,949)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	<u>\$3,344,222</u>	<u>\$3,337,640</u>	<u>\$3,331,058</u>	<u>\$3,324,476</u>	<u>\$3,317,894</u>	<u>\$3,311,312</u>	<u>\$3,304,730</u>	<u>\$3,298,148</u>	<u>\$3,291,566</u>	<u>\$3,284,984</u>	<u>\$3,278,402</u>	<u>\$3,271,820</u>	<u>\$3,265,238</u>	
6	Average Net Investment		\$3,340,931	\$3,334,349	\$3,327,767	\$3,321,185	\$3,314,603	\$3,308,021	\$3,301,439	\$3,294,857	\$3,288,275	\$3,281,693	\$3,275,111	\$3,268,529	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	5,488	5,477	5,466	5,455	5,444	5,434	5,423	5,412	5,401	5,390	5,380	5,369	65,139
	b. Equity Component Grossed Up For Taxes	5.77%	16,061	16,029	15,997	15,966	15,934	15,902	15,871	15,839	15,807	15,776	15,744	15,713	190,639
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) Blended		6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	78,984
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.001703		524	524	524	524	524	524	524	524	524	524	524	524	6,288
	e. Other (E)		(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(7,160)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$28,058	\$28,015	\$27,972	\$27,930	\$27,887	\$27,845	\$27,803	\$27,760	\$27,717	\$27,675	\$27,633	\$27,591	333,890
	a. Recoverable Costs Allocated to Energy		28,058	28,015	27,972	27,930	27,887	27,845	27,803	27,760	27,717	27,675	27,633	27,591	333,890
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$26,383	\$26,605	\$26,874	\$26,672	\$26,532	\$26,639	\$26,600	\$26,723	\$26,799	\$26,843	\$27,059	\$26,772	\$320,501
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$26,383</u>	<u>\$26,605</u>	<u>\$26,874</u>	<u>\$26,672</u>	<u>\$26,532</u>	<u>\$26,639</u>	<u>\$26,600</u>	<u>\$26,723</u>	<u>\$26,799</u>	<u>\$26,843</u>	<u>\$27,059</u>	<u>\$26,772</u>	<u>\$320,501</u>

Notes:

- (A) N/A
 (B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
 (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
 (D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
 (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
 (F) Line 9a x Line 10
 (G) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - ANCLOTE GAS CONVERSION - Energy (Project 17.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	
3	Less: Accumulated Depreciation	(17,457,598)	(17,700,012)	(17,942,426)	(18,184,840)	(18,427,254)	(18,669,668)	(18,912,082)	(19,154,496)	(19,396,910)	(19,639,324)	(19,881,738)	(20,124,152)	(20,366,566)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$116,460,669	\$116,218,255	\$115,975,841	\$115,733,427	\$115,491,013	\$115,248,599	\$115,006,185	\$114,763,771	\$114,521,357	\$114,278,943	\$114,036,529	\$113,794,115	\$113,551,701	
6	Average Net Investment		\$116,339,462	\$116,097,048	\$115,854,634	\$115,612,220	\$115,369,806	\$115,127,392	\$114,884,978	\$114,642,564	\$114,400,150	\$114,157,736	\$113,915,322	\$113,672,908	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	191,095	190,697	190,299	189,901	189,503	189,104	188,706	188,308	187,910	187,512	187,113	186,715	2,266,863
	b. Equity Component Grossed Up For Taxes	5.77%	559,270	558,105	556,939	555,774	554,609	553,443	552,278	551,113	549,947	548,782	547,617	546,451	6,634,328
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.1722%	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	2,908,968
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.008490	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	1,136,964
	e. Other (E)		(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(177,534)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,072,732	\$1,071,169	\$1,069,605	\$1,068,042	\$1,066,479	\$1,064,914	\$1,063,351	\$1,061,788	\$1,060,224	\$1,058,661	\$1,057,097	\$1,055,533	12,769,589
	a. Recoverable Costs Allocated to Energy		1,072,732	1,071,169	1,069,605	1,068,042	1,066,479	1,064,914	1,063,351	1,061,788	1,060,224	1,058,661	1,057,097	1,055,533	12,769,589
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$1,008,678	\$1,017,258	\$1,027,611	\$1,019,925	\$1,014,631	\$1,018,760	\$1,017,311	\$1,022,116	\$1,025,104	\$1,026,821	\$1,035,107	\$1,024,195	\$12,257,517
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,008,678	\$1,017,258	\$1,027,611	\$1,019,925	\$1,014,631	\$1,018,760	\$1,017,311	\$1,022,116	\$1,025,104	\$1,026,821	\$1,035,107	\$1,024,195	\$12,257,517

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 1 & 2 - Energy (Project 17.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	
3	Less: Accumulated Depreciation	(3,846,197)	(3,916,130)	(3,986,063)	(4,055,996)	(4,125,929)	(4,195,862)	(4,265,795)	(4,335,728)	(4,405,661)	(4,475,594)	(4,545,527)	(4,615,460)	(4,685,393)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$18,834,877</u>	<u>\$18,764,944</u>	<u>\$18,695,011</u>	<u>\$18,625,078</u>	<u>\$18,555,145</u>	<u>\$18,485,212</u>	<u>\$18,415,279</u>	<u>\$18,345,346</u>	<u>\$18,275,413</u>	<u>\$18,205,480</u>	<u>\$18,135,547</u>	<u>\$18,065,614</u>	<u>\$17,995,681</u>	
6	Average Net Investment		\$18,799,910	\$18,729,977	\$18,660,044	\$18,590,111	\$18,520,178	\$18,450,245	\$18,380,312	\$18,310,379	\$18,240,446	\$18,170,513	\$18,100,580	\$18,030,647	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	30,880	30,765	30,650	30,535	30,421	30,306	30,191	30,076	29,961	29,846	29,731	29,617	362,979
	b. Equity Component Grossed Up For Taxes	5.77%	90,375	90,039	89,703	89,367	89,031	88,694	88,358	88,022	87,686	87,350	87,014	86,677	1,062,316
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.7000%	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	839,196
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	38,628
	e. Other (E)		(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(126,475)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$183,867	\$183,416	\$182,965	\$182,514	\$182,064	\$181,612	\$181,161	\$180,710	\$180,259	\$179,808	\$179,357	\$178,906	2,176,644
	a. Recoverable Costs Allocated to Energy		183,867	183,416	182,965	182,514	182,064	181,612	181,161	180,710	180,259	179,808	179,357	178,906	2,176,644
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$172,889	\$174,185	\$175,782	\$174,292	\$173,213	\$173,741	\$173,318	\$173,958	\$174,288	\$174,401	\$175,626	\$173,595	\$2,089,288
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$172,889</u>	<u>\$174,185</u>	<u>\$175,782</u>	<u>\$174,292</u>	<u>\$173,213</u>	<u>\$173,741</u>	<u>\$173,318</u>	<u>\$173,958</u>	<u>\$174,288</u>	<u>\$174,401</u>	<u>\$175,626</u>	<u>\$173,595</u>	<u>\$2,089,288</u>

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

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Return on Capital Investments, Depreciation and Taxes
For Project: COAL COMBUSTION RESIDUAL (CCR) RULE - Base (Project 18)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$42,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	
3	Less: Accumulated Depreciation (A)	(\$20,246)	(21,052)	(21,858)	(22,664)	(23,470)	(24,276)	(25,082)	(25,888)	(26,694)	(27,500)	(28,306)	(29,112)	(29,918)	
4	CWIP - Non-Interest Bearing	0	7,000	14,000	21,000	28,000	35,000	42,000	42,000	42,000	42,000	42,000	42,000	42,000	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$425,844</u>	<u>\$432,038</u>	<u>\$438,232</u>	<u>\$444,426</u>	<u>\$450,620</u>	<u>\$456,814</u>	<u>\$463,008</u>	<u>\$462,202</u>	<u>\$461,396</u>	<u>\$460,590</u>	<u>\$459,784</u>	<u>\$458,978</u>	<u>\$458,172</u>	
6	Average Net Investment		\$428,941	\$435,135	\$441,329	\$447,523	\$453,717	\$459,911	\$462,605	\$461,799	\$460,993	\$460,187	\$459,381	\$458,575	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	705	715	725	735	745	755	760	759	757	756	755	753	8,920
	b. Equity Component Grossed Up For Taxes	5.77%	2,062	2,092	2,122	2,151	2,181	2,211	2,224	2,220	2,216	2,212	2,208	2,204	26,103
	c. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.1695%	806	806	806	806	806	806	806	806	806	806	806	806	9,672
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	63	63	63	63	63	63	63	63	63	63	63	63	756
	e. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,636	\$3,676	\$3,716	\$3,755	\$3,795	\$3,835	\$3,853	\$3,848	\$3,842	\$3,837	\$3,832	\$3,826	45,451
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		3,636	3,676	3,716	3,755	3,795	3,835	3,853	3,848	3,842	3,837	3,832	3,826	45,451
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		3,377	3,414	3,452	3,488	3,525	3,562	3,579	3,574	3,569	3,564	3,559	3,554	42,217
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$3,377</u>	<u>\$3,414</u>	<u>\$3,452</u>	<u>\$3,488</u>	<u>\$3,525</u>	<u>\$3,562</u>	<u>\$3,579</u>	<u>\$3,574</u>	<u>\$3,569</u>	<u>\$3,564</u>	<u>\$3,559</u>	<u>\$3,554</u>	<u>\$42,217</u>

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Project Title: Substation Environmental Investigation, Remediation and Pollution Prevention
Project No. 1

Project Description:

Chapter 376 Florida Statutes requires that any person discharging a prohibited pollutant shall undertake to contain, remove and abate the discharge to the satisfaction of the FDEP. Similarly, Chapter 403 Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For DEF to comply with these statutes, it is actively conducting remediation and pollution prevention activities at its substation sites to remove the existence of pollutant discharges. Activities also include development and implementation of best management and pollution prevention measures at these sites.

Project Accomplishments:

As of the end of second quarter 2019, a total of 277 substation remediations are completed out of 279 slated for substation activities.

Project Fiscal Expenditures:

2019 O&M expenditures for the substation system program (Projects 1 & 1a) are estimated to be \$631k. Project 1, Transmission Substation Remediation, is forecasted to be \$619k. Project 1a, Distribution Substation Remediation, is forecasted to be \$12k. The distribution portion of this program is now complete.

Project Progress Summary:

DEF continues to remediate substation sites in accordance with the approved Substation Assessment and Remedial Action Plan (SARAP).

Project Projections:

2020 O&M estimated expenditures are \$25k.

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Project Title: Distribution System Environmental Investigation, Remediation and Pollution Prevention
Project No. 2

Project Description:

Chapter 376 Florida Statutes requires that any person discharging a prohibited pollutant shall undertake to contain, remove and abate the discharge to the satisfaction of the FDEP. Similarly, Chapter 403 Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For DEF to comply with these statutes, it is actively conducting remediation and pollution prevention activities at its distribution sites to remove the existence of pollutant discharges. Activities also include development and implementation of best management and pollution prevention measures at these sites.

Project Accomplishments:

All TRIP sites source removals are completed. Groundwater monitoring will complete in 2019.

Project Fiscal Expenditures:

There is \$7.5K forecasted for 2019.

Project Progress Summary:

This project is complete with the exception of the groundwater monitoring at the 7100 Sunset Way, St. Petersburg Beach location.

Project Projections:

No further charges are expected to hit this project in 2020.

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Project Title: Pipeline Integrity Management (PIM) - Bartow/Anclole Pipeline
Project No. 3

Project Description:

The U.S. Department of Transportation (USDOT) Regulation 49 CFR Part 195, as amended effective 2/15/02, and the new regulation published at 67 Federal Register 2136 on 1/16/02, requires DEF to implement a PIM program. Prior to the 2/15/02 amendments, the USDOT's PIM regulations applied only to operators with 500 miles or more of hazardous liquid and carbon dioxide pipelines that could affect high consequence areas. The amendments which became effective on 2/15/02, extended the requirements for implementing integrity management to operators who have less than 500 miles of regulated pipelines. As such, DEF must maintain the integrity of pipeline systems in order to protect public safety and the environment, and comply with continual assessment and evaluation of pipeline systems integrity through inspection or testing, data integration and analysis, and follow up with remedial, preventative, and mitigative actions. DEF owns one hazardous liquid pipeline, Bartow/Anclole 14-inch hot oil pipeline, extending 33.3 miles from the Company's Bartow Plant north of St. Petersburg to the Anclole Plant in Holiday, that is subject to PIM regulations.

Effective 2/2010, amendments to 49 CFR 195 were finalized to improve opportunities to reduce risk through more effective control of pipelines. Compliance with these amendments will enhance pipeline safety by coupling strengthened control room management with improved controller training and fatigue management. On 6/16/11, the USDOT published in the Federal Register (Vol. 76, 35130-35136), a final rule effective 8/15/11, that expedites the program implementation deadlines in the Control Room Management/Human Factors regulations in order to realize the safety benefits sooner than established in the original rule. This final rule amends the program implementation deadlines for different procedures to no later than 10/21/11 and 8/1/12.

Project Accomplishments:

Since the Bartow Anclole Pipeline (BAP) contained a small quantity of #6 fuel oil, the PIM program under 49CFR195 continues to be maintained. Third party projects by Florida Department of Transportation (FDOT), Florida Gas Transmission, Pinellas County, The City of Pinellas Park, and others have been evaluated for their risk to BAP integrity. Risk mitigation measures have been completed per 49CFR195.450. The BAP Risk Analysis has been updated. The Annual Report and National Pipeline Mapping System (NPMS) annual review have been completed. Reviews and evaluations are also being completed for Advisory Bulletins 11-04, 13-02, 15-01, and 15-02, relating to flooding and hurricanes. BAP personnel have participated in US Department of Transportation Pipeline and Hazardous Material Safety Administration (PHMSA), utility owners groups, damage prevention groups, and FDOT workshops and training. Pipeline accidents and PHMSA enforcement actions have been reviewed for conditions that are applicable to the BAP and appropriate changes to BAP practices and procedures have been implemented. Pipeline records are being organized and stored with the conversion to electronic storage now essentially complete.

In 2016, pipeline ownership was transferred from the Fossil Hydro Operations group to Plant Retirement and Demolition, in preparation for pipeline retirement that is expected to occur in 2016. Once retired, the pipeline will be cleaned to remove any remaining oil. Once cleaned, the requirements described above in the PIM program will no longer be required. Cleaning is expected to occur in 2016, with any required demolition activities in 2017. As of the end of 2016, three of the four sub-projects were retired and approved to be amortized over three years - Project 3.1b Pipeline Leak Detection, Project 3.1c Pipeline Controls Upgrade, and Project 3.1d Control Room Management.

The final sub-project 3.1a - Alderman Road Fence was retired June 2017 and approved as a regulatory asset. This was amortized over 26 months, and all four parts of this project are fully amortized as of September 2019.

Project Fiscal Expenditures:

No capital or O&M expenditures are estimated for 2019.

Project Progress Summary:

Projects 3.1b (Pipeline leak Detection), 3.1c (Pipeline Controls Upgrade), and 3.1d (Control Room Management) were retired August 2016. Project 3.1a (Alderman Road Fence) retired June 2017. All are fully amortized as of September 2019.

Project Projections:

No capital or O&M expenditures are estimated for 2020.

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Project Title: Above Ground Storage Tank Secondary Containment
Project No. 4

Project Description:

FDEP Rule 62-761.510(3) states that DEF is required to make improvements to its above ground petroleum storage tanks in order to comply with those provisions. Subsection (d) of the rule requires all internally lined single bottom above ground storage tanks to be upgraded with secondary containment, including secondary containment for piping in contact with the soil. Rule 62-761.500(1)(e) also requires that dike field area containment for pre-1998 tanks be upgraded, if needed, to comply with the requirement.

Project Accomplishments:

DEF has completed work at Debary 1 and 2, Turner 7, Turner 8, Higgins 1, and Bartow 6 as well as Turner P-1 and P-2 piping work.

Project Fiscal Expenditures:

No project expenditures are expected in 2019.

Project Progress Summary:

DEF continually evaluates its compliance program, including project prioritization, schedule and technology applications. Project 4.1a (Turner CTs) retired in March 2016. Consistent with DEF's petition filed August 4, 2016, DEF is treating the unrecovered investments as a regulatory asset, amortizing it over three years beginning April 2016 until fully recovered in 2019, with a return on the return on the unamortized balance.

Project Projections:

No new project expenditures are expected in 2020. Consistent with DEF's August 30, 2019 petition, DEF expects to retire the Avon Park and Higgins combustion turbine plants in 2020. With this retirement, the Above Ground Tank Secondary Containment and CAIR CT assets will also be retired. DEF is proposing to treat the unrecovered investments as a regulatory asset, and amortize them over one year until fully recovered, with a return on the unamortized balance.

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Project Title: SO₂ and NOx Emissions Allowances
Project No. 5

Project Description:

In accordance with the Acid Rain Program in Title IV of the Clean Air Act, CFR 40 Part 73 and Part 76, Florida Administrative Code Rule 62-214 and the Clean Air Interstate Rule (CAIR), DEF manages sulfur dioxide (SO₂) and nitrogen oxide (NOx) allowance inventory to offset emissions. On 7/6/11, the EPA issued the Cross-State Air Pollution Rule (CSAPR) to replace the CAIR. The CSAPR significantly alters SO₂ and NOx allowance programs. Under the CAIR, Florida has to comply with annual SO₂ and NOx emission requirements, and seasonal NOx emission requirements. Under the CSAPR, Florida is no longer required to comply with annual emissions requirements, only ozone seasonal limits. On 8/8/11, the final CSAPR was published in the Federal Register. The CSAPR sets state-level annual and seasonal SO₂ and NOx emission allowance requirements effective 1/1/12.

On 8/21/12, the D.C. Circuit Court vacated the CSAPR. It also directed the EPA to continue administering the CAIR which requires additional reductions in SO₂ and NOx emissions beginning in 2015. On 4/29/14, the U.S. Supreme Court reversed the D.C. Circuit Court decision finding that with CSAPR the EPA reasonably interpreted the good neighbor provision of the Clean Air Act. The case was then remanded to the D.C. Circuit Court for further proceedings, and the EPA requested the court lift the CSAPR stay and direct it to take effect on 1/1/15. On 10/23/14 the D.C. Circuit Court lifted the CSAPR stay. On 1/1/15, the CSAPR replaced the CAIR. The CSAPR took effect in Florida on 5/1/15. Consequently, CAIR NOx emission allowances have no value; however, SO₂ emission allowances can continue to be used to comply with the Acid Rain Program. DEF treated its unused NOx costs as a regulatory asset amortizing it over 3 years, as approved by the Commission in Order No. PSC-2011-0553-FOF-EI. These are fully recovered as of December 2017.

Project Accomplishments:

Air quality compliance costs are administered by an authorized account representative who evaluates a variety of resources and options. Activities performed include purchases of SO₂ and NOx emissions allowances as well as auctions and transfers of SO₂ emissions allowances.

Project Fiscal Expenditures:

2019 O&M is forecasted to be \$16k.

Project Progress Summary:

DEF continually evaluates the status of emission rules to maximize the cost effectiveness of its compliance strategy.

Project Projections:

2020 O&M expenditures are projected to be \$15k.

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Project Title: Phase II Cooling Water Intake
Project No. 6

Project Description:

Section 316(b) of the Federal Clean Water Act requires that the location, design, construction, and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impact. 33 U.S.C. Section 1326. On 5/19/14, the EPA Administrator signed a final 316(b) rule to protect fish and aquatic life drawn into cooling systems at power plant and factories. The rule aims to minimize impingement (aquatic life pinned against cooling water intake structures) and entrainment (aquatic life drawn into cooling water systems). The regulation became effective on October 14, 2014, 60 days after publication in the Federal Register which was 8/15/14.

EPA's regulation implementing §316(b) of the Clean Water Act for existing facilities was published on August 15, 2014. The regulation aims to minimize adverse environmental impacts to fish and other aquatic organisms from the operation of cooling water intake structures. The regulation became effective October 14, 2014, 60 days after publication in the Federal Register. The regulation primarily applies to existing power generating facilities that commenced construction prior to or on January 17, 2002 and to new units at existing facilities that are built to increase the generating capacity of the facility.

According to the current 316(b) rule, required studies and information submittals will be due with the renewal of the NPDES permit application for permits that expire after July 18, 2018. Permittees with a current NPDES permit that expires before July 18, 2018 may request the FDEP establish an alternative schedule for submitting the required information. This rule is applicable to Anclote, Bartow, Suwannee, and Crystal River North stations.

Project Accomplishments:

DEF is currently evaluating the 316(b) rule to determine potential study requirements, operating and cost impacts to its generating stations. Site specific strategic plans, studies, and implementation plans are under development to ensure compliance with all applicable requirements of the rule.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$717k. 2019 Capital expenditures are estimated to be \$4.4M.

Project Progress Summary:

Initial steps in site specific plan development have been completed. Work continues on plans for implementation, decision milestones, compliance approaches, and study requirements. Procurement of long lead time equipment and material began in 2018, along with selection of contractor services for the Crystal River Project. Contracts were awarded in 2019 for the construction of the Citrus County Combined Cycle Blowdown/Augmentation discharge to the Crystal River North station Cooling Tower Make-up system. Construction of this portion of the project is scheduled to complete in 2019.

Project Projections:

2020 estimated O&M expenditures are \$136k, capital expenditures are \$4.9M.

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Project Title: Integrated Clean Air Compliance Plan - Clean Air Interstate Rule (CAIR)
Project Nos. (7.2, 7.3 & 7.4)

Project Description:

The Clean Air Interstate Rule (CAIR), 40 CFR 24, 262, imposes significant restrictions on emissions of SO₂ and NO_x from power plants in 28 eastern states, including Florida and the District of Columbia. The CAIR rule apportions region-wide SO₂ and NO_x emission reduction requirements to the individual states, and further requires each affected state to revise its State Implementation Plans (SIPs) to include measures necessary to achieve its emission reduction budget within prescribed deadlines.

The Cross-State air pollution Rule (CSAPR) replaced CAIR on 1/1/15. Under the CSAPR, the State of Florida is no longer required to comply with annual emission requirements, only NO_x ozone seasonal limits. The CSAPR requirements took effect in Florida on 5/1/15, the beginning of the ozone season. NO_x emission allowances under CAIR have no value; however, DEF will continue to use its SO₂ emission allowances to comply with the Acid Rain Program. (see Project No. 5 - SO₂ and NO_x Emission Allowances Project Sheet for more information).

The Florida Department of Environmental Protection ("FDEP") Conditions of Certification, dated August 1, 2012, require DEF to evaluate an alternative disposal method of FGD Blowdown wastewater based on results of groundwater monitoring near percolation ponds. DEF is installing a physical/chemical treatment system to treat FGD Blowdown wastewater with discharge to surface water or percolation ponds.

Project Accomplishments:

The FGD Wastewater treatment (WWT) system went in-service February 2019.

Project Fiscal Expenditures:

For 2019, O&M expenditures for CAIR/CAMR – Peaking (Project 7.2) are projected to be \$0. For the CAIR/CAMR Crystal River Program (Project 7.4), O&M is forecasted be \$23.8M. Capital expenditures for CAIR/CAMR Crystal River - Conditions of Certification (Project 7.4) are expected to be \$5.8M.

Project Progress Summary:

DEF continues to comply with the CAIR, CSAPR and the Acid Rain Program. The FGD WWT project will comply with EPA's CCR rule, ELG requirements, and FDEP's Consent Order OCG Case No. 09-3463D, Third Amendment.

Project Projections:

2020 estimated O&M expenditures are \$22.6M.

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Project Title: Best Available Retrofit Technology (BART)
Project No. 7.5

Project Description:

On 5/25/12, the EPA proposed a partial disapproval of Florida's proposed Regional Haze State Implementation Plan (SIP) because the proposed SIP relies on CAIR to satisfy BART requirements for SO₂ and NO_x emissions. CAIR remained in effect while litigation against the Cross State Air Pollution Rule (CSAPR) proceeded, and the EPA incorporated the CSAPR in place of CAIR into Regional Haze SIPs, including Florida. DEF worked with the FDEP to develop specific BART and Reasonable Progress permits for affected units that were incorporated into Florida's revised SIP submittal, which was filed with EPA on 9/17/12. The final BART permit applications for Crystal River fossil units were submitted to EPA on 10/15/12 as a supplement to the 9/17/12 submittal. Permitting was finalized in 2013 with an effective date of January 1, 2014.

Project Accomplishments:

DEF performed required emissions modeling and associated BART analysis for Crystal River 1&2 (CR1&2) and Anclote plants, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications in support of the FDEP's work to amend its SIP as directed by the EPA. Permitting actions were completed in 2013 with the effective date of the CR 1& 2 permit being January 1, 2014.

Project Fiscal Expenditures:

No project expenditures are expected in 2019.

Project Progress Summary:

DEF performed required emissions modeling and associated BART analysis for CR1&2 and Anclote, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications needed in support of the FDEP ongoing work to amend its State Implementation Plan as directed by the EPA. Based on the revised Regional Haze SIP incorporating the provisions of Crystal River's BART permits for SO₂ and NO_x, EPA on 12/10/12 proposed approval of the SIP. In August 2013, EPA finalized the full approval of the SIP. The Crystal River South BART permit became effective on January 1, 2014 and DEF is now operating under the terms of that permit.

Project Projections:

No project expenditures are expected in 2020.

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Project Title: **Arsenic Groundwater Standard**
Project No. 8

Project Description:

On 12/22/01, the EPA adopted a new maximum contaminant level (MCL) for arsenic in drinking water replacing the previous standard of 0.050 mg/L (50 ppb) with a new MCL of 0.010 mg/L (10 ppb). Effective 1/1/05, the FDEP established the USEPA MCL as Florida's drinking water standard. See Rule 62-550 F.A.C. The new standard has compliance implications for land application and water reuse projects in Florida with arsenic ground water monitoring levels above 10 ppb because the drinking water standard has been established as the groundwater standard by Rule 62-520-420(1), F.A.C.

Project Accomplishments:

A Plan of Study (POS) to evaluate the source of arsenic at the site was implemented on November 2011. A POS Addendum that included a leachability study and proposed abandoning one well and installing 3 new wells was implemented in February 2012. An additional Flue Gas Desulfurization (FGD) Wastewater Treatment Study was conducted in May 2013. The results of these studies indicated that Arsenic is naturally occurring in some areas but there is also a contribution from the FGD discharge from the lined treatment pond to the percolation ponds, and from the industrial wastewater from Crystal River Units 1 & 2. These sources are being addressed by the construction of a new FGD wastewater treatment system and retirement of Units 1 & 2, both scheduled to be completed by December 31, 2018.

Additional assessment was initiated in 2016 around the area of ground water wells still exceeding the Arsenic standard of 10 ppb with no clear source of Arsenic identified (MWC-1, MWC-31 and MWC-32). This additional assessment indicated that the source of Arsenic around MWC-31 is related to the former North Ash Pond that was located in that area. Based on that finding, the Consent Order was amended to address that area under 62-780, F.A.C. Remedial Actions, which included additional assessment and submittal of a final assessment report to FDEP in 2018. Results from MWC-1 assessment indicate that the well is not measuring impacts from the industrial wastewater activities at the site and DEF requested to FDEP that the well be replaced by one of the Plan of Study wells. FDEP requested the sampling of all the wells around MWC-1 for a year prior to approval of the change. Assessment around MWC-32 is on-going in 2019.

Project Fiscal Expenditures:

2019 O&M expenditures are expected to be \$150k.

Project Progress Summary:

DEF is evaluating monitoring data and other options to achieve compliance in accordance to Consent Order.

Project Projections:

2020 O&M expenditures are forecasted to be \$1.3M.

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Project Title: Sea Turtle - Coastal Street Lighting
Project No. 9

Project Description:

DEF owns and leases high pressure sodium streetlights throughout its service territory, including areas along the Florida coast. Pursuant to Section 161.163, Florida Statutes, the FDEP, in collaboration with the Florida Fish and Wildlife Conservation Commission (FFWCC) and the U.S. Fish & Wildlife Service (USFWS), has developed a model Sea Turtle lighting ordinance. The model ordinance is used by the local governments to develop and implement ordinances within its jurisdiction. To date, Sea Turtle lighting ordinances have been adopted in Franklin County, Gulf County, City of Mexico Beach in Bay County and Pinellas County, all of which are within DEF's service territory. Since 2004, officials from the various local governments, as well as the FDEP, FFWC, and USFWS, have advised DEF that lighting it owns and leases is affecting turtle nesting areas that fall within the scope of these ordinances. As a result, local governments require DEF to take additional measures to satisfy new criteria being applied to ensure compliance with the sea turtle ordinances.

Project Accomplishments:

DEF continues to work with Franklin County, Gulf County, City of Mexico Beach in Bay County, and Pinellas County to mitigate any potential sea turtle nesting issues by retrofitting existing street lights, placing amber shields on existing HPS street lights and monitoring street lights for effectiveness in complying with sea turtle ordinances.

Project Fiscal Expenditures:

2019 Capital expenditures are estimated to be \$400, O&M expenditures are estimated to be a credit of (\$48k).

Project Progress Summary:

DEF is on schedule with activities identified for this program.

Project Projections:

2020 estimated O&M is \$300, and Capital expenditures are estimated at \$300.

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Project Title: **Underground Storage Tanks**
Project No. 10

Project Description:

FDEP regulations require that underground pollutant storage tanks and small diameter piping be upgraded with secondary containment by 12/31/09. See Rule 62-761.510(5), F.A.C. DEF identified four tanks that must comply with this rule: two at Crystal River Plant and two at Bartow Plant.

Project Accomplishments:

Work on Crystal River and Bartow USTs was completed in 4th Qtr 2006.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF continually evaluates its compliance program, including project prioritization, schedule and technology applications.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: **Modular Cooling Towers**
Project No. 11

Project Description:

This project involves installation and operation of modular cooling towers in the summer months to minimize de-rates of Crystal River 1&2 (CR1&2) necessary to comply with the NPDES permit limit for the temperature of cooling water discharged from the units.

Project Accomplishments:

Vendors of modular cooling towers were evaluated regarding cost of installation and operation. The FDEP reviewed the project and approved operation. A vendor was selected and the towers were installed during the 2nd Qtr 2006.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

The modular cooling towers began operation in June 2006 and successfully minimized de-rates of CR 1&2. The towers were removed during the first half of 2012. This project is complete.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Crystal River Thermal Discharge Compliance Project
Project No. 11.1

Project Description:

This project was to evaluate and implement the best long term solution to maintain compliance with the thermal discharge limit in the FDEP industrial wastewater permit for Crystal River Units 1,2&3 that was being addressed in the short term by the Modular Cooling Towers approved in Docket No. 20060162-EI. Due to DEF's decision to retire CR3, this project is no longer necessary and will not be implemented.

Project Accomplishments:

The study phase of the project was completed with a recommendation to replace the leased modular cooling towers in coordination with the cooling solution for the CR3 Extended Power Uprate (EPU) discharge canal cooling solution. The new cooling tower associated with the CR3 EPU was to be sized to mitigate both increased temperatures from the EPU as well as replace the modular cooling towers, which were removed in 2012. The design contract for the CR3 EPU cooling tower was awarded and a vendor selected. In February 2013, DEF decided to retire CR3; therefore, the project will not proceed.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

Crystal River Units 1,2&3 utilize a once-through cooling water process to cool and condense turbine exhaust steam back to water. The cooling water is removed from the Gulf of Mexico via an intake canal and discharged to a common discharge canal shared by all of the generating units. DEF has a NPDES industrial wastewater permit from the FDEP to discharge this cooling water from CR 1,2&3 into the Gulf of Mexico. The FDEP NPDES permit includes a limit on the temperature of the cooling water discharge (96.5 degrees Fahrenheit on a three-hour rolling average) measured at the point of discharge to the Gulf of Mexico. The new cooling towers were being added as a long term solution to the issue of higher ambient water temperatures previously being addressed by the modular cooling towers and added heat rejection due to the estimated 180MW Uprate of CR3. With the retirement of CR3, the heat rejection associated with the entire unit is removed and therefore the new cooling tower is not necessary for the continued operation of CR 1&2 within the NPDES permit limits.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Greenhouse Gas (GHG) Inventory and Reporting
Project No. 12

Project Description:

The GHG Inventory and Reporting Program was created in response to Chapter 2008-277, Florida Laws, which established the Florida Climate Protection Act to be codified at section 403.44, Florida Statutes. Among other things, this legislation authorizes the FDEP to establish a cap and trade program for GHG emissions from power plants. Utilities subject to the program, including DEF, will be required to use The Climate Registry for purposes of GHG emission registration and reporting. The requirement to report to The Climate Registry was repealed during the 2010 legislative session; however, the EPA GHG Reporting Rule (40 CFR 98) does require DEF to submit 2010 GHG data to the EPA no later than 9/30/2011.

Project Accomplishments:

In 2009, DEF joined The Climate Registry and submitted 2008 GHG inventory data. 2009 data was submitted during the third quarter of 2010. Both 2008 and 2009 data was validated by a third party as required by The Climate Registry. 2010 GHG inventory data was submitted to EPA on 9/30/11 and EPA does not require data validation by a third party. DEF has discontinued its membership with The Climate Registry. Since third party validation is not required by the EPA, no future expenditures will be incurred by DEF, resulting in the completion of this project.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF submits GHG inventory data directly to EPA which does not require third party validation. Membership with The Climate Registry has been discontinued.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Mercury Total Daily Maximum Loads Monitoring (TMDL)
Project No. 13

Project Description:

Section 303(d) of the Federal Clean Water Act requires each state to identify state waters not meeting water quality standards and establish a TMDL for the pollutant or pollutants causing the failure to meet standards. Under a 1999 federal consent decree, TMDLs for over 100 Florida water bodies listed as impaired for mercury must be established by 9/12/12. The FDEP has initiated a research program to provide necessary information for setting appropriate TMDLs for mercury. Among other things, the study will assess the relative contributions of mercury-emitting sources, such as coal-fired power plants, to mercury levels in surface waters.

Project Accomplishments:

Atmospheric & Environmental Research, Inc (AER) completed the literature review on mercury deposition in Florida. This document was sent to the FDEP Division of Air Resource Management and the TMDL team for review in February 2009. In addition, the Florida Electric Power Coordinating Group (FCG) Mercury Task Force met with FDEP Division of Air Resource Management to discuss the review in January 2010. AER performed Florida mercury deposition modeling for the Division of Air Resource Management. The FCG Mercury Task Force contracted with Tetra Tech to conduct aquatic field sampling, including an aquatics modeling report, to develop a "Conceptual Model for the Florida Mercury TMDL." This document was finalized and submitted to the FDEP in December 2010. Key personnel from AER were employed by Environ in 2011 and FCG established a contract with Environ to ensure continuity of the project. FCG used Environ and Tetra Tech to review and critique FDEP's aquatic cycling and atmospheric modeling analyses. The FDEP developed a mercury TMDL report in the spring and summer of 2012, and it proposed a TMDL in September 2012. The EPA approved Florida's statewide mercury TMDL in a letter dated October 18, 2013. Florida's mercury TMDL covers 441 waters listed as impaired for mercury based on fish tissue mercury levels. EPA's approval letter states that if FDEP identifies any new waters to be listed as impaired for mercury, a new TMDL will not be required if the listing is caused by the factors addressed in the approved TMDL. Conversely, a new TMDL, addressing the newly listed water body, would be required if "local emission or effluent sources" are determined to be the cause of the elevated fish tissue levels that required the new listing.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

The mercury TMDL study concluded in 2012.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Hazardous Air Pollutants (HAPs) ICR Program
Project No. 14

Project Description:

In 2009, the EPA initiated efforts to develop an Information Collection Request (ICR), which requires that owners/operators of all coal- and oil-fired electric utility steam generating units provide information that will allow the EPA to assess emissions of hazardous air pollutants from each such unit. The intention of the ICR is to assist the Administrator of the EPA in developing national emission standards for hazardous air pollutants under Section 112(d) of the Clean Air Act, 42 U.S.C. 7412. Pursuant to those efforts, by letter dated 12/24/09, the EPA formally requested DEF comply with certain data collection and emissions testing requirements for several of its steam electric generating units. The EPA letter states that initial submittal of existing information must be made within 90 days, and that the remaining data must be submitted within 8 months. Collection and submittal of the requested information is mandatory under Section 114 of the Clean Air Act, 42 U.S.C. 7414.

Project Accomplishments:

DEF completed and submitted the ICR to EPA during 2010. The HAPS ICR project is complete.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF completed and submitted the ICR to EPA during 2010.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Effluent Limitation Guidelines ICR Program
Project No. 15

Project Description:

The Effluent Limitation Guidelines ICR Program was created in response to Section 304 of the Federal Clean Water Act which directs the EPA to develop and periodically review regulations, called effluent guidelines, to limit the amount of pollutants that are discharged to surface waters from various point source categories. 33 U.S.C. §13 14(b). In October 2009, the EPA announced that it intended to update the effluent guidelines for the steam electric power generating point source category, which were last updated in 1982. DEF is required to complete the ICR and submit responses to the EPA within 90 days. Collection and submittal of the requested information is mandatory under Section 308 of the Clean Water Act.

Project Accomplishments:

DEF completed and submitted the ICR to the EPA in September 2010. The Effluent Limitation Guidelines ICR Program is complete.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF completed and submitted the ICR to EPA in September 2010.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Effluent Limitation Guidelines CRN Program
Project No. 15.1

Project Description:

On September 30th, 2015, U.S. Environmental Protection Agency finalized the Steam Electric Power Generating Effluent Guidelines, 40 CFR Part 423, imposing federal standards on several power plant streams that are discharged to surface water. In the final regulation, closed-loop systems or dry handling have been identified as the Best Available Technology ("BAT") for bottom ash transport water. Crystal River North Units 4 & 5 have a dry bottom ash system that utilizes dewatering bins for separation of bottom ash and water. However, the current configuration has the potential for bottom ash transport water to leave via overflows and drain into an NPDES internal outfall. Achieving the closed loop bottom ash compliance requirement is as soon as possible beginning November 1, 2018 but no later than December 31, 2023. Renewal of the Crystal River Units 4 & 5 NPDES permit is in progress and addresses this requirement. Duke Energy is seeking a compliance date of February 1, 2020 to include modification of the existing system.

Project Accomplishments:

DEF Initiated the first phase of ELG compliance activities necessary to comply with NPDES permit renewal. The remaining project scope is still on hold pending EPA Administrative Stay final decision.

Project Fiscal Expenditures:

The 2019 Capital forecast is \$1.8M.

Project Progress Summary:

The first phase of the project, which involves establishing a line from the Ash Sluice Pump Discharge to the FGD Filtrate tanks, and replace the old Sludge Return Pumps with dry seals, will complete construction in 2019 and closeout will continue into the first quarter 2020.

Project Projections:

2020 estimated O&M expenditures are \$40k, Capital is \$80k.

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Project Title: National Pollutant Discharge Elimination System (NPDES)
Project No. 16

Project Description:

Pursuant to the Federal Clean Water Act, 33 U.S.C. § 1342, all point source discharges to navigable waters from industrial facilities must obtain permits under the NPDES Program. The FDEP administers the NPDES program in Florida. DEF's Anclote, Bartow, and Crystal River North, Crystal River South, and Suwannee NPDES permits were issued on 11/25/2015, 1/5/2016, 7/18/11, 4/7/2014, and 10/6/2016, respectively. Crystal River North NPDES permit is in the renewal process. All facilities are required to meet new permitting conditions. In Docket No. 20110007-EI, the Commission approved recovery of costs associated with new requirements included or expected to be included in the new renewal permits, including: thermal studies, aquatic organism return studies and implementation, whole effluent toxicity testing, dissolved oxygen (DO) studies (Bartow only), and freeboard limitation related studies (Bartow only). As noted in DEF's 2/8/12 program update, on 12/14/11, the FDEP issued a final NPDES renewal permit and associated Administrative Order (AO) for the Suwannee Plant. The AO includes a new requirement to assess copper discharges that DEF did not anticipate when it filed its petition in 2011.

Project Accomplishments:

DEF continues to perform whole effluent toxicity testing, implementing initial 316(b) rule requirements based on NPDES permit schedules at affected facilities which includes literature review and analysis, additional field study, and reporting requirements in accordance to NPDES permit requirements. Bartow freeboard limitation study was completed in May 2011 and submitted to FDEP on 6/23/11. The FDEP approved DEF's corrective action plan and Bartow is in compliance with Administrative Order as of December 2014. The copper discharge study at the Suwannee plant has been completed and a final report was submitted to the FDEP in June 2014 resulting in a corrective action of retiring the steam units. The Suwannee plant retired Units 1, 2 and 3 in December 2016.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$26k. No capital expenditures are forecasted for 2019.

Project Progress Summary:

DEF has begun complying with the requirements of the NPDES permits. Aquatic organism return study requirements have been postponed to align with the final EPA 316(b) rule requirements (Bartow/Anclote Plants) which was published 8/15/14. The aquatic organism return requirement is not a requirement in the Crystal River North NPDES permit. The dissolved oxygen study of cooling water intake and discharge at the Bartow plant was completed and the results of the study demonstrated there is no negative impact on DO due to the plant's operation. The final DO report was submitted to the FDEP on November 20, 2012, and the Department has not required any additional action. The Suwannee Steam station was retired and removed from service; therefore, WET testing is no longer required.

Project Projections:

2020 estimated O&M expenditures are \$25k. No capital expenditures are expected in 2020.

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Project Title: Mercury & Air Toxic Standards (MATS) CR4 & CR5
Project No. 17

Project Description:

The Commission approved ECRC recovery of DEF's costs for compliance with new hazardous air pollutant standards at Crystal River Units 4 & 5 (CR4&5) in Order No. PSC-2011-0553-FOF-EI. The final MATS rule was issued by the EPA on 12/21/11. The FDEP granted a limited, one-year extension for the mercury-related requirements on 3/12/15. DEF will utilize the co-benefits of existing FGD and SCR systems as the primary MATS emission controls. CR4&5 have demonstrated compliance with all MATS requirements as of 4/16/16.

Project Accomplishments:

DEF installed oxidation-reduction potential (ORP) probes and mercury re-emission control systems for MATS emissions control. In addition, continuous emissions monitoring systems (CEMS) were installed for compliance demonstration with particulate matter (PM) and mercury emissions. Appendix K sorbent traps have been certified and maintained to serve as backup monitors for mercury CEMS.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$163K.

Project Progress Summary:

Initial implementation of the CR4&5 MATS compliance plan is complete.

Project Projections:

2020 estimated O&M is \$598k. No capital expenditures are forecasted in 2020.

**DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
January 2020 - December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects**

Form 42-5P
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
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Project Title: Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion
Project No. 17.1

Project Description:

Convert existing Anclote Units to use 100% natural gas to be in compliance with MATS as approved by the Commission in Order No. PSC-2012-0432-PAA-EI.

Project Accomplishments:

Unit 1 and Unit 2 gas conversions were completed 7/13/13 and 12/2/13, respectively. Unit 1 and Unit 2 Forced Draft (FD) fan modification work was completed 5/22/14 and 11/17/14, respectively.

Project Fiscal Expenditures:

No 2019 expenditures are expected for this project.

Project Progress Summary:

This project is in-service.

Project Projections:

No 2020 expenditures are expected for this project.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
January 2020 - December 2020
Description and Progress Report for
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Form 42-5P
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
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Project Title: Mercury & Air Toxic Standards (MATS) CR1 & CR2
Project No. 17.2

Project Description:

DEF implemented its CR1&2 MATS Compliance Plan as approved by the Commission in Order No. PSC-2014-0173-PAA-EI. CR1&2 have demonstrated compliance with all MATS requirements as of 4/16/2016.

Project Accomplishments:

DEF finalized its CR1&2 MATS Compliance Plan in December 2013 and began implementation in early 2014. Modifications were made to the electrostatic precipitators (ESPs) to improve particulate collection efficiency, and reagent injection systems were installed to reduce hydrogen chloride (HCl) and mercury emissions. Appendix K sorbent traps were installed for compliance demonstration with mercury emissions.

Project Fiscal Expenditures:

2019 O&M expenditures are expected to be \$45k.

Project Progress Summary:

CR1&2 have been retired.

Project Projections:

DEF does not expect to incur any capital expenditures or O&M costs in 2020.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
January 2020 - December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Form 42-5P
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
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Project Title: Coal Combustion Residual (CCR) Rule
Project No. 18

Project Description:

The Coal Combustion Residual (CCR) Rule was published in the Federal Register on 4/17/15 and is effective 10/19/15. This rule regulates the disposal of CCR as non-hazardous solid waste, and contains new requirements for CCR landfills and CCR surface impoundments. It also specifies implementation guidelines for compliance. The CCR compliance deadlines vary, with compliance obligations required as early as 10/19/15. The rule is self-implementing, meaning that affected facilities must comply with the new regulations irrespective of whether the rule is adopted by the State of Florida. The rule has specific impacts on the ash landfill, Flue Gas Desulfurization (FGD) lined blowdown ponds and temporary gypsum pad at the Crystal River site. No other DEF operating facilities are impacted by the CCR rule.

Project Accomplishments:

Annual inspections were completed for the FGD Blowdown Ponds and Ash Landfill. Maintenance, vegetation management, and weekly inspections for the FGD Blowdown Ponds and Ash Landfill continue. Work started on dewatering and solids excavation for closure of the FGD Blowdown Ponds. The groundwater assessment project for the FGD Blowdown Ponds and Ash Landfill continued per the requirements of the rule.

Project Fiscal Expenditures:

2019 estimated O&M expenditures are \$2M. No capital spend is forecast for 2019.

Project Progress Summary:

Ash Landfill: Ground water monitoring well installation, data gathering, and analysis is being performed. Groundwater assessment results triggered an assessment of corrective measures study, nature and extent delineation study, and alternative source demonstration. These studies were completed in 2019 and DEF continues to evaluate corrective measures to be implemented to address statistically significant increases of certain constituents in groundwater.

FGD Blowdown Ponds: Dewatering and solids removal from the primary and backup FGD Blowdown Ponds were completed. Development of a closure plan for the FGD Blowdown pond is underway. Pond closure was substantially completed during 2019, and alternative source demonstration was completed to address statistically significant increases in certain constituents in groundwater.

Vegetation Management & Inspection Work: More frequent mowing and inspection work is being performed, to comply with the CCR Rule.

Project Projections:

2020 estimated O&M expenditures are \$241k, capital is forecasted to be \$42k.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of the Energy & Demand Allocation % by Rate Class
January 2020 - December 2020

Form 42-6P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
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Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrs*(1))	(4) NCP Class Max Load Factor	(5) Delivery Efficiency Factor	(6) Sales at Source (Generation) (mWh) (2)/(5)	(7) Avg 12 CP at Source (MW) (3)/(5)	7(a) Sales at Source (Distrib Svc Only) (mWh)	(8) Class Max MW at Source Level (Distrib Svc) (7a)/(8760hrs/(4))	(9) mWh Sales at Source Energy Allocator (%)	(10) 12CP Demand Transmission Allocator (%)	(11) NCP Distribution Allocator (%)	(12) 12CP & 1/13 AD Demand Allocator (%)
Residential													
RS-1, RST-1, RSL-1, RSL-2, RSS-1													
Secondary	0.548	20,570,483	4,275.04	0.370	0.9356728	21,984,697	4,568.95	21,984,697	6,763.9	52.312%	60.038%	64.750%	59.444%
General Service Non-Demand													
GS-1, GST-1													
Secondary	0.576	2,111,508	417.57	0.451	0.9356728	2,256,673	446.28	2,256,673	569.4	5.370%	5.864%	5.451%	5.826%
Primary	0.576	20,599	4.07	0.451	0.9735768	21,158	4.18	21,158	5.3	0.050%	0.055%	0.051%	0.055%
Transmission	0.576	2,540	0.50	0.451	0.9835768	2,582	0.51	0	0.0	0.006%	0.007%	0.000%	0.007%
										5.426%	5.926%	5.502%	5.887%
General Service													
GS-2 Secondary	1.000	203,276	23.14	1.000	0.9356728	217,251	24.73	217,251	24.7	0.517%	0.325%	0.237%	0.340%
General Service Demand													
GSD-1, GSDT-1													
Secondary	0.742	11,560,312	1,772.76	0.626	0.9356728	12,355,079	1,894.63	12,355,079	2,247.0	29.399%	24.896%	21.510%	25.243%
Primary	0.742	2,210,723	339.01	0.626	0.9735768	2,270,723	348.21	2,270,723	413.0	5.403%	4.576%	3.953%	4.639%
Secondary Del/ Primary Mtr	0.742	27,874	4.27	0.626	0.9735768	28,631	4.39	28,631	5.2	0.068%	0.058%	0.050%	0.058%
Transm Del/ Primary Mtr	0.742	0	0.00	0.626	0.9735768	0	0.00	0	0.0	0.000%	0.000%	0.000%	0.000%
Transmission	0.742	0	0.00	0.626	0.9835768	0	0.00	0	0.0	0.000%	0.000%	0.000%	0.000%
SS-1 Primary	0.796	32,819	4.69	0.324	0.9735768	33,710	4.82	33,710	11.9	0.080%	0.063%	0.113%	0.065%
Transm Del/ Transm Mtr	0.796	6,147	0.88	0.324	0.9835768	6,250	0.89	0	0.0	0.015%	0.012%	0.000%	0.012%
Transm Del/ Primary Mtr	0.796	1,889	0.27	0.324	0.9735768	1,940	0.28	0	0.0	0.005%	0.004%	0.000%	0.004%
										34.970%	29.608%	25.626%	30.021%
Curtailable													
CS-1, CST-1, CS-2, CST-2, SS-3													
Secondary	1.082	(0)	(0.00)	0.334	0.9356728	(0)	(0.00)	(0)	(0.0)	0.000%	0.000%	0.000%	0.000%
Primary	1.082	70,228	7.39	0.334	0.9735768	72,134	7.59	72,134	24.6	0.172%	0.100%	0.235%	0.105%
SS-3 Primary	1.248	52,769	4.81	0.380	0.9735768	54,201	4.94	54,201	16.2	0.129%	0.065%	0.155%	0.070%
										0.301%	0.165%	0.391%	0.175%
Interruptible													
IS-1, IST-1, IS-2, IST-2													
Secondary	0.911	311,838	38.96	0.707	0.9356728	333,277	41.64	333,277	53.7	0.793%	0.547%	0.514%	0.566%
Sec Del/Primary Mtr	0.911	5,039	0.63	0.707	0.9735768	5,176	0.65	5,176	0.8	0.012%	0.008%	0.008%	0.009%
Primary Del / Primary Mtr	0.911	1,146,956	143.29	0.707	0.9735768	1,178,085	147.18	1,178,085	189.7	2.803%	1.934%	1.816%	2.001%
Primary Del / Transm Mtr	0.911	214	0.03	0.707	0.9835768	218	0.03	218	0.0	0.001%	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	0.911	374,835	46.83	0.707	0.9835768	381,094	47.61	0	0.0	0.907%	0.626%	0.000%	0.647%
Transm Del/ Primary Mtr	0.911	305,362	38.15	0.707	0.9735768	313,650	39.18	0	0.0	0.746%	0.515%	0.000%	0.533%
SS-2 Primary	0.686	62,736	10.41	0.272	0.9735768	64,439	10.70	64,439	27.0	0.153%	0.141%	0.258%	0.142%
Transm Del/ Transm Mtr	0.686	38,936	6.46	0.272	0.9835768	39,586	6.57	0	0.0	0.094%	0.086%	0.000%	0.087%
Transm Del/ Primary Mtr	0.686	10,244	1.70	0.272	0.9735768	10,522	1.75	0	0.0	0.025%	0.023%	0.000%	0.023%
										5.535%	3.880%	2.596%	4.008%
Lighting													
LS-1 (Secondary)	10.191	369,250	4.12	0.479	0.9356728	394,635	4.41	394,635	93.8	0.939%	0.058%	0.898%	0.126%
		39,496,576	7,145.00			42,025,709	7,610.12	41,270,085	10,446.3	100.000%	100.000%	100.000%	100.000%

Notes:

(1)	Average 12CP load factor based on load research study filed July 31, 2018	(7)	Column 3 / Column 5
(2)	Projected kWh sales for the period January 2019 to December 2019	(7a)	Column 6 excluding transmission service
(3)	Calculated: Column 2 / (8,760 hours x Column 1)	(8)	Calculated: Column 7a / (8,784 hours/ Column 4)
(4)	NCP load factor based on load research study filed July 31, 2018	(9)	Column 6/ Total Column 6
(5)	Based on system average line loss analysis for 2018	(10)	Column 7/ Total Column 7
(6)	Column 2 / Column 5	(11)	Column 8/ Total Column 8
		(12)	Column 9 x 1/13 + Column 10 x 12/13

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Environmental Cost Recovery Clause Rate Factors by Rate Class
January 2020 - December 2020

Form 42-7P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ____ (CAM-5)
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Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP Transmission Demand Allocator (%)	(3) NCP Distribution Allocator (%)	(4) 12CP & 1/13th AD Demand Allocator (%)	(5) Energy- Related Costs (\$)	(6) Transmission Demand Costs (\$)	(7) Distribution Demand Costs (\$)	(8) Production Demand Costs (\$)	(9) Total Environmental Costs (\$)	(10) Projected Effective Sales at Meter Level (mWh)	(11) Environmental Cost Recovery Factors (cents/kWh)
Residential											
RS-1, RST-1, RSL-1, RSL-2, RSS-1											
Secondary	52.312%	60.038%	64.750%	59.444%	\$14,124,531	\$137,165	\$89,003	\$1,935,711	\$16,286,409	20,570,483	0.079
General Service Non-Demand											
GS-1, GST-1											
Secondary										2,111,508	0.079
Primary										20,393	0.078
Transmission										2,489	0.077
TOTAL GS	5.426%	5.926%	5.502%	5.887%	\$1,465,100	\$13,539	\$7,563	\$191,720	\$1,677,921	2,134,390	
General Service											
GS-2											
Secondary	0.517%	0.325%	0.237%	0.340%	\$139,578	\$743	\$325.44	\$11,063.96	\$151,710	203,276	0.075
General Service Demand											
GSD-1, GSDT-1, SS-1											
Secondary										11,560,312	0.076
Primary										2,250,572	0.075
Transmission										6,024	0.074
TOTAL GSD	34.970%	29.608%	25.626%	30.021%	\$9,441,968	\$67,644	\$35,225	\$977,591	\$10,522,429	13,816,908	
Curtailable											
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3											
Secondary										(0)	0.072
Primary										121,767	0.071
Transmission										-	0.071
TOTAL CS	0.301%	0.165%	0.391%	0.175%	\$81,166	\$376	\$537	\$5,703	\$87,783	121,767	
Interruptible											
IS-1, IST-1, IS-2, IST-2, SS-2											
Secondary										311,838	0.073
Primary										1,515,034	0.072
Transmission										405,705	0.072
TOTAL IS	5.535%	3.880%	2.596%	4.008%	\$1,494,417	\$8,865	\$3,569	\$130,504	\$1,637,354	2,232,577	
Lighting											
LS-1											
Secondary	0.939%	0.058%	0.898%	0.126%	\$253,542	\$132	\$1,234.16	\$4,093.48	\$259,002	369,250	0.070
	100.000%	100.000%	100.000%	100.000%	\$27,000,301	\$228,464	\$137,456	\$3,256,386	\$30,622,607	39,448,650	0.078

Notes:

(1) From Form 42-6P, Column 9

(2) From Form 42-6P, Column 10

(3) From Form 42-6P, Column 11

(4) From Form 42-6P, Column 12

(5) Column 1 x Total Energy Jurisdictional Dollars from Form 42-1P, line 5

(6) Column 2 x Total Transmission Demand Jurisdictional Dollars from Form 42-1P, line 5

(7) Column 3 x Total Distribution Demand Jurisdictional Dollars from Form 42-1P, line 5

(8) Column 4 x Total Production Demand Jurisdictional Dollars from Form 42-1P, line 5

(9) Column 5 + Column 6 + Column 7 + Column 8

(10) Projected kWh sales at secondary voltage level for the period January 2020 to December 2020

(11) (Column 9 / Column 10)/10

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Form 42 8P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. __ (CAM-5)
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Capital Structure and Cost Rates

Class of Capital	Retail	Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$	4,874,577,393	41.01%	0.10500	4.31%	5.77%
PS		-	0.00%	0.00000	0.00%	0.00%
LTD		4,845,025,196	40.77%	0.04701	1.92%	1.92%
STD		(59,426,995)	-0.50%	-0.00358	0.00%	0.00%
CD-Active		176,756,874	1.49%	0.02378	0.04%	0.04%
CD-Inactive		1,853,499	0.02%	0.00000	0.00%	0.00%
ADIT		2,026,313,275	17.05%	0.00000	0.00%	0.00%
FAS 109		-	0.00%	0.00000	0.00%	0.00%
ITC		19,805,922	0.17%	0.07715	0.01%	0.02%
Total	\$	11,884,905,162	100.00%		6.27%	7.74%
Total Debt					1.97%	1.97%
Total Equity					4.31%	5.77%

May 2019 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

Pursuant to the unopposed motion filed on August 21, 2019 in Docket Nos. 20190001, 20190002 and 20190007, DEF does not require the alternative calculation of WACC because the Limitation Provision in Treasury Regulation Section 1.167(l)-l(h)(6)(i) is expected to be met.

Docket No. 20190007-EI

Duke Energy Florida, LLC

Witness: C. A. Menendez

Exh. No. __ (CAM-6)

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**DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Capital Program Detail**

**January 2020 - December 2020
Calculation of Projected Period Amount**

Docket No. 20190007-EI

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 12
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Christopher Menendez CAM-6

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BARTOW CTs (Project 4.1b)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801
3	Less: Accumulated Depreciation	(469,389)	(473,074)	(476,759)	(480,444)	(484,129)	(487,814)	(491,499)	(495,184)	(498,869)	(502,554)	(506,239)	(509,924)	(513,609)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$1,004,412	\$1,000,727	\$997,042	\$993,357	\$989,672	\$985,987	\$982,302	\$978,617	\$974,932	\$971,247	\$967,562	\$963,877	\$960,192	
6	Average Net Investment		1,002,570	998,885	995,200	991,515	987,830	984,145	980,460	976,775	973,090	969,405	965,720	962,035	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	1,647	1,641	1,635	1,629	1,623	1,617	1,610	1,604	1,598	1,592	1,586	1,580	19,362
	b. Equity Component Grossed Up For Taxes	5.77%	4,820	4,802	4,784	4,766	4,749	4,731	4,713	4,696	4,678	4,660	4,642	4,625	56,666
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	44,220
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009930	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	14,640
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$11,372	\$11,348	\$11,324	\$11,300	\$11,277	\$11,253	\$11,228	\$11,205	\$11,181	\$11,157	\$11,133	\$11,110	\$134,888
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$11,372	\$11,348	\$11,324	\$11,300	\$11,277	\$11,253	\$11,228	\$11,205	\$11,181	\$11,157	\$11,133	\$11,110	\$134,888

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - INTERCESSION CITY CTs (Project 4.1c)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	
3	Less: Accumulated Depreciation	(1,272,803)	(1,281,942)	(1,291,081)	(1,300,220)	(1,309,359)	(1,318,498)	(1,327,637)	(1,336,776)	(1,345,915)	(1,355,054)	(1,364,193)	(1,373,332)	(1,382,471)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$388,861	\$379,722	\$370,583	\$361,444	\$352,305	\$343,166	\$334,027	\$324,888	\$315,749	\$306,610	\$297,471	\$288,332	\$279,193	
6	Average Net Investment		384,292	375,153	366,014	356,875	347,736	338,597	329,458	320,319	311,180	302,041	292,902	283,763	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	631	616	601	586	571	556	541	526	511	496	481	466	6,582
	b. Equity Component Grossed Up For Taxes	5.77%	1,847	1,803	1,760	1,716	1,672	1,628	1,584	1,540	1,496	1,452	1,408	1,364	19,270
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	6.6000%	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	109,668
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.008500	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	14,124
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$12,794	\$12,735	\$12,677	\$12,618	\$12,559	\$12,500	\$12,441	\$12,382	\$12,323	\$12,264	\$12,205	\$12,146	\$149,644
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$12,794	\$12,735	\$12,677	\$12,618	\$12,559	\$12,500	\$12,441	\$12,382	\$12,323	\$12,264	\$12,205	\$12,146	\$149,644

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - AVON PARK CTs (Project 4.1d)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements (B)		0	0	0	0	0	178,938	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$178,938	178,938	178,938	178,938	178,938	178,938	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	(107,081)	(107,797)	(108,513)	(109,229)	(109,945)	(110,661)	67,561	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	0	0	0	0	0	0	0	61,931	56,301	50,671	45,041	39,411	33,781	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$71,857	\$71,141	\$70,425	\$69,709	\$68,993	\$68,277	\$67,561	\$61,931	\$56,301	\$50,671	\$45,041	\$39,411	\$33,781	
6	Average Net Investment		71,499	70,783	70,067	69,351	68,635	67,919	64,746	59,116	53,486	47,856	42,226	36,596	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	117	116	115	114	113	112	106	97	88	79	69	60	1,186
	b. Equity Component Grossed Up For Taxes	5.77%	344	340	337	333	330	327	311	284	257	230	203	176	3,472
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	4.8000%	716	716	716	716	716	716	0	0	0	0	0	0	4,296
	b. Amortization (B)		0	0	0	0	0	0	5,630	5,630	5,630	5,630	5,630	5,630	33,780
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009420	140	140	140	140	140	140	0	0	0	0	0	0	840
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,317	\$1,312	\$1,308	\$1,303	\$1,299	\$1,295	\$6,047	\$6,011	\$5,975	\$5,939	\$5,902	\$5,866	\$43,574
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,317	\$1,312	\$1,308	\$1,303	\$1,299	\$1,295	\$6,047	\$6,011	\$5,975	\$5,939	\$5,902	\$5,866	\$43,574

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BAYBORO CTs (Project 4.1e)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	
3	Less: Accumulated Depreciation	(264,346)	(266,168)	(267,990)	(269,812)	(271,634)	(273,456)	(275,278)	(277,100)	(278,922)	(280,744)	(282,566)	(284,388)	(286,210)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$465,949	\$464,127	\$462,305	\$460,483	\$458,661	\$456,839	\$455,017	\$453,195	\$451,373	\$449,551	\$447,729	\$445,907	\$444,085	
6	Average Net Investment		465,038	463,216	461,394	459,572	457,750	455,928	454,106	452,284	450,462	448,640	446,818	444,996	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	764	761	758	755	752	749	746	743	740	737	734	731	8,970
	b. Equity Component Grossed Up For Taxes	5.77%	2,236	2,227	2,218	2,209	2,201	2,192	2,183	2,174	2,165	2,157	2,148	2,139	26,249
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.9936%	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	21,864
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009930	604	604	604	604	604	604	604	604	604	604	604	604	7,248
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,426	\$5,414	\$5,402	\$5,390	\$5,379	\$5,367	\$5,355	\$5,343	\$5,331	\$5,320	\$5,308	\$5,296	\$64,331
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$5,426	\$5,414	\$5,402	\$5,390	\$5,379	\$5,367	\$5,355	\$5,343	\$5,331	\$5,320	\$5,308	\$5,296	\$64,331

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.
(B) Investment amortized over one year in accordance with the petition filed 8/30/2019 in Docket 20190007-EI

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - SUWANNEE CTs (Project 4.1f)
(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199
3	Less: Accumulated Depreciation	(426,600)	(429,452)	(432,304)	(435,156)	(438,008)	(440,860)	(443,712)	(446,564)	(449,416)	(452,268)	(455,120)	(457,972)	(460,824)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$610,599	\$607,747	\$604,895	\$602,043	\$599,191	\$596,339	\$593,487	\$590,635	\$587,783	\$584,931	\$582,079	\$579,227	\$576,375	
6	Average Net Investment		609,173	606,321	603,469	600,617	597,765	594,913	592,061	589,209	586,357	583,505	580,653	577,801	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	1,001	996	991	987	982	977	972	968	963	958	954	949	11,698
	b. Equity Component Grossed Up For Taxes	5.77%	2,928	2,915	2,901	2,887	2,874	2,860	2,846	2,832	2,819	2,805	2,791	2,778	34,236
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.3000%	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	34,224
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.008670	749	749	749	749	749	749	749	749	749	749	749	749	8,988
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,530	\$7,512	\$7,493	\$7,475	\$7,457	\$7,438	\$7,419	\$7,401	\$7,383	\$7,364	\$7,346	\$7,328	\$89,146
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$7,530	\$7,512	\$7,493	\$7,475	\$7,457	\$7,438	\$7,419	\$7,401	\$7,383	\$7,364	\$7,346	\$7,328	\$89,146

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - DeBARY CTs (Project 4.1g)
(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	
3	Less: Accumulated Depreciation	(916,106)	(923,943)	(931,780)	(939,617)	(947,454)	(955,291)	(963,128)	(970,965)	(978,802)	(986,639)	(994,476)	(1,002,313)	(1,010,150)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$2,700,798	\$2,692,961	\$2,685,124	\$2,677,287	\$2,669,450	\$2,661,613	\$2,653,776	\$2,645,939	\$2,638,102	\$2,630,265	\$2,622,428	\$2,614,591	\$2,606,754	
6	Average Net Investment		2,696,879	2,689,042	2,681,205	2,673,368	2,665,531	2,657,694	2,649,857	2,642,020	2,634,183	2,626,346	2,618,509	2,610,672	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	4,430	4,417	4,404	4,391	4,378	4,365	4,353	4,340	4,327	4,314	4,301	4,288	52,308
	b. Equity Component Grossed Up For Taxes	5.77%	12,965	12,927	12,889	12,851	12,814	12,776	12,738	12,701	12,663	12,625	12,588	12,550	153,087
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.6000%	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	94,044
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.011630	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	42,060
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$28,737	\$28,686	\$28,635	\$28,584	\$28,534	\$28,483	\$28,433	\$28,383	\$28,332	\$28,281	\$28,231	\$28,180	\$341,499
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$28,737	\$28,686	\$28,635	\$28,584	\$28,534	\$28,483	\$28,433	\$28,383	\$28,332	\$28,281	\$28,231	\$28,180	\$341,499

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - University of Florida (Project 4.1h)
(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435
3	Less: Accumulated Depreciation	(66,126)	(66,367)	(66,608)	(66,849)	(67,090)	(67,331)	(67,572)	(67,813)	(68,054)	(68,295)	(68,536)	(68,777)	(69,018)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$75,309	\$75,068	\$74,827	\$74,586	\$74,345	\$74,104	\$73,863	\$73,622	\$73,381	\$73,140	\$72,899	\$72,658	\$72,417	
6	Average Net Investment		75,188	74,947	74,706	74,465	74,224	73,983	73,742	73,501	73,260	73,019	72,778	72,537	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	124	123	123	122	122	122	121	121	120	120	120	119	1,457
	b. Equity Component Grossed Up For Taxes	5.77%	361	360	359	358	357	356	354	353	352	351	350	349	4,260
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.0482%	241	241	241	241	241	241	241	241	241	241	241	241	2,892
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.013030	154	154	154	154	154	154	154	154	154	154	154	154	1,848
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$880	\$878	\$877	\$875	\$874	\$873	\$870	\$869	\$867	\$866	\$865	\$863	\$10,457
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$880	\$878	\$877	\$875	\$874	\$873	\$870	\$869	\$867	\$866	\$865	\$863	\$10,457

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Higgins (Project 4.1i)
(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements (B)		0	0	0	0	0	394,968	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$394,968	394,968	394,968	394,968	394,968	394,968	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation	(225,036)	(226,813)	(228,590)	(230,367)	(232,144)	(233,921)	159,270	0	0	0	0	0	0	
3a	Regulatory Asset Balance (B)	0	0	0	0	0	0	0	145,998	132,726	119,454	106,182	92,910	79,638	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$169,932	\$168,155	\$166,378	\$164,601	\$162,824	\$161,047	\$159,270	\$145,998	\$132,726	\$119,454	\$106,182	\$92,910	\$79,638	
6	Average Net Investment		169,043	167,266	165,489	163,712	161,935	160,158	152,634	139,362	126,090	112,818	99,546	86,274	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	278	275	272	269	266	263	251	229	207	185	164	142	2,801
	b. Equity Component Grossed Up For Taxes	5.77%	813	804	796	787	778	770	734	670	606	542	479	415	8,194
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	5.4000%	1,777	1,777	1,777	1,777	1,777	1,777	0	0	0	0	0	0	10,662
	b. Amortization (B)		0	0	0	0	0	0	13,272	13,272	13,272	13,272	13,272	13,272	79,632
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009930	327	327	327	327	327	327	0	0	0	0	0	0	1,962
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,195	\$3,183	\$3,172	\$3,160	\$3,148	\$3,137	\$14,257	\$14,171	\$14,085	\$13,999	\$13,915	\$13,829	\$103,251
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,195	\$3,183	\$3,172	\$3,160	\$3,148	\$3,137	\$14,257	\$14,171	\$14,085	\$13,999	\$13,915	\$13,829	\$103,251

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.
(B) Investment amortized over one year in accordance with the petition filed 8/30/2019 in Docket 20190007-EI

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 1 & 2 (Project 4.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092
3	Less: Accumulated Depreciation	(20,787)	(20,889)	(20,991)	(21,093)	(21,195)	(21,297)	(21,399)	(21,501)	(21,603)	(21,705)	(21,807)	(21,909)	(22,011)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	<u>\$12,305</u>	<u>\$12,203</u>	<u>\$12,101</u>	<u>\$11,999</u>	<u>\$11,897</u>	<u>\$11,795</u>	<u>\$11,693</u>	<u>\$11,591</u>	<u>\$11,489</u>	<u>\$11,387</u>	<u>\$11,285</u>	<u>\$11,183</u>	<u>\$11,081</u>	
6	Average Net Investment		12,254	12,152	12,050	11,948	11,846	11,744	11,642	11,540	11,438	11,336	11,234	11,132	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	20	20	20	20	19	19	19	19	19	19	18	18	230
	b. Equity Component Grossed Up For Taxes	5.77%	59	58	58	57	57	56	56	55	55	54	54	54	673
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.7000%	102	102	102	102	102	102	102	102	102	102	102	102	1,224
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.001645	5	5	5	5	5	5	5	5	5	5	5	5	60
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$186	\$185	\$185	\$184	\$183	\$182	\$182	\$181	\$181	\$180	\$179	\$179	\$2,187
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$186	\$185	\$185	\$184	\$183	\$182	\$182	\$181	\$181	\$180	\$179	\$179	<u>\$2,187</u>

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 4 & 5 (Project 4.2a)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	
3	Less: Accumulated Depreciation	(24,748)	(27,678)	(30,608)	(33,538)	(36,468)	(39,398)	(42,328)	(45,258)	(48,188)	(51,118)	(54,048)	(56,978)	(59,908)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	<u>\$2,341,199</u>	<u>\$2,338,269</u>	<u>\$2,335,339</u>	<u>\$2,332,409</u>	<u>\$2,329,479</u>	<u>\$2,326,549</u>	<u>\$2,323,619</u>	<u>\$2,320,689</u>	<u>\$2,317,759</u>	<u>\$2,314,829</u>	<u>\$2,311,899</u>	<u>\$2,308,969</u>	<u>\$2,306,039</u>	
6	Average Net Investment		2,339,734	2,336,804	2,333,874	2,330,944	2,328,014	2,325,084	2,322,154	2,319,224	2,316,294	2,313,364	2,310,434	2,307,504	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	3,843	3,838	3,834	3,829	3,824	3,819	3,814	3,809	3,805	3,800	3,795	3,790	45,800
	b. Equity Component Grossed Up For Taxes	5.77%	11,248	11,234	11,219	11,205	11,191	11,177	11,163	11,149	11,135	11,121	11,107	11,093	134,042
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.4860%	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	35,160
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.001645	324	324	324	324	324	324	324	324	324	324	324	324	3,888
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,345	\$18,326	\$18,307	\$18,288	\$18,269	\$18,250	\$18,231	\$18,212	\$18,194	\$18,175	\$18,156	\$18,137	\$218,890
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$18,345	\$18,326	\$18,307	\$18,288	\$18,269	\$18,250	\$18,231	\$18,212	\$18,194	\$18,175	\$18,156	\$18,137	<u>\$218,890</u>

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Anclole (Project 4.3)
(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297
3	Less: Accumulated Depreciation	(\$85,386)	(85,911)	(86,436)	(86,961)	(87,486)	(88,011)	(88,536)	(89,061)	(89,586)	(90,111)	(90,636)	(91,161)	(91,686)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$204,911	\$204,386	\$203,861	\$203,336	\$202,811	\$202,286	\$201,761	\$201,236	\$200,711	\$200,186	\$199,661	\$199,136	\$198,611	
6	Average Net Investment		204,649	204,124	203,599	203,074	202,549	202,024	201,499	200,974	200,449	199,924	199,399	198,874	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	336	335	334	334	333	332	331	330	329	328	328	327	3,977
	b. Equity Component Grossed Up For Taxes	5.77%	984	981	979	976	974	971	969	966	964	961	959	956	11,640
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.1722%	525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.008490	205	205	205	205	205	205	205	205	205	205	205	205	2,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,050	\$2,046	\$2,043	\$2,040	\$2,037	\$2,033	\$2,030	\$2,026	\$2,023	\$2,019	\$2,017	\$2,013	\$24,377
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,050	\$2,046	\$2,043	\$2,040	\$2,037	\$2,033	\$2,030	\$2,026	\$2,023	\$2,019	\$2,017	\$2,013	\$24,377

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - AVON PARK (Project 7.2a)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements (B)		0	0	0	0	0	161,754	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$161,754	161,754	161,754	161,754	161,754	161,754	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation	(53,033)	(53,437)	(53,841)	(54,245)	(54,649)	(55,053)	106,297	0	0	0	0	0	0	
3a	Regulatory Asset Balance (B)	0	0	0	0	0	0	0	97,439	88,581	79,723	70,865	62,007	53,149	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$108,721	\$108,317	\$107,913	\$107,509	\$107,105	\$106,701	\$106,297	\$97,439	\$88,581	\$79,723	\$70,865	\$62,007	\$53,149	
6	Average Net Investment		108,519	108,115	107,711	107,307	106,903	106,499	101,868	93,010	84,152	75,294	66,436	57,578	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	178	178	177	176	176	175	167	153	138	124	109	95	1,846
	b. Equity Component Grossed Up For Taxes	5.77%	522	520	518	516	514	512	490	447	405	362	319	277	5,402
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	404	404	404	404	404	404	0	0	0	0	0	0	2,424
	b. Amortization (B)		0	0	0	0	0	0	8,858	8,858	8,858	8,858	8,858	8,858	53,148
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009420	127	127	127	127	127	127	0	0	0	0	0	0	762
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,231	\$1,229	\$1,226	\$1,223	\$1,221	\$1,218	\$9,515	\$9,458	\$9,401	\$9,344	\$9,286	\$9,230	\$63,582
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,231	\$1,229	\$1,226	\$1,223	\$1,221	\$1,218	\$9,515	\$9,458	\$9,401	\$9,344	\$9,286	\$9,230	\$63,582

For Project: CAIR CTs - BARTOW (Project 7.2b)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	
3	Less: Accumulated Depreciation	(62,449)	(62,807)	(63,165)	(63,523)	(63,881)	(64,239)	(64,597)	(64,955)	(65,313)	(65,671)	(66,029)	(66,387)	(66,745)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$212,898	\$212,540	\$212,182	\$211,824	\$211,466	\$211,108	\$210,750	\$210,392	\$210,034	\$209,676	\$209,318	\$208,960	\$208,602	
6	Average Net Investment		212,719	212,361	212,003	211,645	211,287	210,929	210,571	210,213	209,855	209,497	209,139	208,781	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	349	349	348	348	347	346	346	345	345	344	344	343	4,154
	b. Equity Component Grossed Up For Taxes	5.77%	1,023	1,021	1,019	1,017	1,016	1,014	1,012	1,011	1,009	1,007	1,005	1,004	12,158
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.5610%	358	358	358	358	358	358	358	358	358	358	358	358	4,296
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009930	228	228	228	228	228	228	228	228	228	228	228	228	2,736
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,958	\$1,956	\$1,953	\$1,951	\$1,949	\$1,946	\$1,944	\$1,942	\$1,940	\$1,937	\$1,935	\$1,933	\$23,344
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,958	\$1,956	\$1,953	\$1,951	\$1,949	\$1,946	\$1,944	\$1,942	\$1,940	\$1,937	\$1,935	\$1,933	\$23,344

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

(B) Investment amortized over one year in accordance with the petition filed 8/30/2019 in Docket 20190007-EI

For Project: CAIR CTs - BAYBORO (Project 7.2c)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	
3	Less: Accumulated Depreciation	(57,087)	(57,471)	(57,855)	(58,239)	(58,623)	(59,007)	(59,391)	(59,775)	(60,159)	(60,543)	(60,927)	(61,311)	(61,695)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$141,901	\$141,517	\$141,133	\$140,749	\$140,365	\$139,981	\$139,597	\$139,213	\$138,829	\$138,445	\$138,061	\$137,677	\$137,293	
6	Average Net Investment		141,709	141,325	140,941	140,557	140,173	139,789	139,405	139,021	138,637	138,253	137,869	137,485	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	233	232	232	231	230	230	229	228	228	227	226	226	2,752
	b. Equity Component Grossed Up For Taxes	5.77%	681	679	678	676	674	672	670	668	666	665	663	661	8,053
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.3149%	384	384	384	384	384	384	384	384	384	384	384	384	4,608
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009930	165	165	165	165	165	165	165	165	165	165	165	165	1,980
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,463	\$1,460	\$1,459	\$1,456	\$1,453	\$1,451	\$1,448	\$1,445	\$1,443	\$1,441	\$1,438	\$1,436	\$17,393
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,463	\$1,460	\$1,459	\$1,456	\$1,453	\$1,451	\$1,448	\$1,445	\$1,443	\$1,441	\$1,438	\$1,436	\$17,393

For Project: CAIR CTs - DeBARY (Project 7.2d)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	
3	Less: Accumulated Depreciation	(32,655)	(32,874)	(33,093)	(33,312)	(33,531)	(33,750)	(33,969)	(34,188)	(34,407)	(34,626)	(34,845)	(35,064)	(35,283)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$55,012	\$54,793	\$54,574	\$54,355	\$54,136	\$53,917	\$53,698	\$53,479	\$53,260	\$53,041	\$52,822	\$52,603	\$52,384	
6	Average Net Investment		54,903	54,684	54,465	54,246	54,027	53,808	53,589	53,370	53,151	52,932	52,713	52,494	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	90	90	89	89	89	88	88	88	87	87	87	86	1,058
	b. Equity Component Grossed Up For Taxes	5.77%	264	263	262	261	260	259	258	257	256	254	253	252	3,099
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	219	219	219	219	219	219	219	219	219	219	219	219	2,628
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.011630	85	85	85	85	85	85	85	85	85	85	85	85	1,020
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$658	\$657	\$655	\$654	\$653	\$651	\$650	\$649	\$647	\$645	\$644	\$642	\$7,805
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$658	\$657	\$655	\$654	\$653	\$651	\$650	\$649	\$647	\$645	\$644	\$642	\$7,805

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR CTs - HIGGINS (Project 7.2e)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements (B)		0	0	0	0	0	347,198	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$347,198	347,198	347,198	347,198	347,198	347,198	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	(107,313)	(108,152)	(108,991)	(109,830)	(110,669)	(111,508)	347,198	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	0	0	0	0	0	0	0	318,265	289,332	260,399	231,466	202,533	173,600	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$239,885	\$239,046	\$238,207	\$237,368	\$236,529	\$235,690	\$347,198	\$318,265	\$289,332	\$260,399	\$231,466	\$202,533	\$173,600	
6	Average Net Investment		239,465	238,626	237,787	236,948	236,109	291,444	332,731	303,798	274,865	245,932	216,999	188,066	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	393	392	391	389	388	479	547	499	451	404	356	309	4,998
	b. Equity Component Grossed Up For Taxes	5.77%	1,151	1,147	1,143	1,139	1,135	1,401	1,600	1,460	1,321	1,182	1,043	904	14,626
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.9000%	839	839	839	839	839	839	0	0	0	0	0	0	5,034
	b. Amortization (B)		0	0	0	0	0	0	28,933	28,933	28,933	28,933	28,933	28,933	173,598
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009930	287	287	287	287	287	287	0	0	0	0	0	0	1,722
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,670	\$2,665	\$2,660	\$2,654	\$2,649	\$3,006	\$31,080	\$30,892	\$30,705	\$30,519	\$30,332	\$30,146	\$199,978
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,670	\$2,665	\$2,660	\$2,654	\$2,649	\$3,006	\$31,080	\$30,892	\$30,705	\$30,519	\$30,332	\$30,146	\$199,978

For Project: CAIR CTs - INTERCESSION CITY (Project 7.2f)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	0
3	Less: Accumulated Depreciation	(\$113,899)	(114,686)	(115,473)	(116,260)	(117,047)	(117,834)	(118,621)	(119,408)	(120,195)	(120,982)	(121,769)	(122,556)	(123,343)	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$235,685	\$234,898	\$234,111	\$233,324	\$232,537	\$231,750	\$230,963	\$230,176	\$229,389	\$228,602	\$227,815	\$227,028	\$226,241	
6	Average Net Investment		235,291	234,504	233,717	232,930	232,143	231,356	230,569	229,782	228,995	228,208	227,421	226,634	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	386	385	384	383	381	380	379	377	376	375	374	372	4,552
	b. Equity Component Grossed Up For Taxes	5.77%	1,131	1,127	1,124	1,120	1,116	1,112	1,108	1,105	1,101	1,097	1,093	1,089	13,323
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.7000%	787	787	787	787	787	787	787	787	787	787	787	787	9,444
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.008500	248	248	248	248	248	248	248	248	248	248	248	248	2,976
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,552	\$2,547	\$2,543	\$2,538	\$2,532	\$2,527	\$2,522	\$2,517	\$2,512	\$2,507	\$2,502	\$2,496	\$30,295
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,552	\$2,547	\$2,543	\$2,538	\$2,532	\$2,527	\$2,522	\$2,517	\$2,512	\$2,507	\$2,502	\$2,496	\$30,295

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

(B) Investment amortized over one year in accordance with the petition filed 8/30/2019 in Docket 20190007-EI

For Project: CAIR CTs - SUWANNEE (Project 7.2h)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	
3	Less: Accumulated Depreciation	(66,342)	(66,765)	(67,188)	(67,611)	(68,034)	(68,457)	(68,880)	(69,303)	(69,726)	(70,149)	(70,572)	(70,995)	(71,418)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$315,218	\$314,795	\$314,372	\$313,949	\$313,526	\$313,103	\$312,680	\$312,257	\$311,834	\$311,411	\$310,988	\$310,565	\$310,142	
6	Average Net Investment		315,006	314,583	314,160	313,737	313,314	312,891	312,468	312,045	311,622	311,199	310,776	310,353	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	517	517	516	515	515	514	513	513	512	511	510	510	6,163
	b. Equity Component Grossed Up For Taxes	5.77%	1,514	1,512	1,510	1,508	1,506	1,504	1,502	1,500	1,498	1,496	1,494	1,492	18,036
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.3299%	423	423	423	423	423	423	423	423	423	423	423	423	5,076
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.008060	256	256	256	256	256	256	256	256	256	256	256	256	3,072
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,710	\$2,708	\$2,705	\$2,702	\$2,700	\$2,697	\$2,694	\$2,692	\$2,689	\$2,686	\$2,683	\$2,681	\$32,347
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,710	\$2,708	\$2,705	\$2,702	\$2,700	\$2,697	\$2,694	\$2,692	\$2,689	\$2,686	\$2,683	\$2,681	\$32,347

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4d)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	
3	Less: Accumulated Depreciation	(235,217)	(239,641)	(244,065)	(248,489)	(252,913)	(257,337)	(261,761)	(266,185)	(270,609)	(275,033)	(279,457)	(283,881)	(288,305)	
4	CWIP - Non-Interest Bearing (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$1,913,883	\$1,909,459	\$1,905,035	\$1,900,611	\$1,896,187	\$1,891,763	\$1,887,339	\$1,882,915	\$1,878,491	\$1,874,067	\$1,869,643	\$1,865,219	\$1,860,795	
6	Average Net Investment		1,911,671	1,907,247	1,902,823	1,898,399	1,893,975	1,889,551	1,885,127	1,880,703	1,876,279	1,871,855	1,867,431	1,863,007	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	3,140	3,133	3,126	3,118	3,111	3,104	3,096	3,089	3,082	3,075	3,067	3,060	37,201
	b. Equity Component Grossed Up For Taxes	5.77%	9,190	9,169	9,147	9,126	9,105	9,083	9,062	9,041	9,020	8,998	8,977	8,956	108,874
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.4700%	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	53,088
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.001703	305	305	305	305	305	305	305	305	305	305	305	305	3,660
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$17,059	\$17,031	\$17,002	\$16,973	\$16,945	\$16,916	\$16,887	\$16,859	\$16,831	\$16,802	\$16,773	\$16,745	\$202,823
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$17,059	\$17,031	\$17,002	\$16,973	\$16,945	\$16,916	\$16,887	\$16,859	\$16,831	\$16,802	\$16,773	\$16,745	\$202,823

For Project: Crystal River 4 and 5 - Conditions of Certification (Project 7.4q)
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	83,303,391	
3	Less: Accumulated Depreciation	(1,166,405)	(1,269,562)	(1,372,719)	(1,475,876)	(1,579,033)	(1,682,190)	(1,785,347)	(1,888,504)	(1,991,661)	(2,094,818)	(2,197,975)	(2,301,132)	(2,404,289)	
4	CWIP - Non-Interest Bearing (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$82,136,986	\$82,033,829	\$81,930,672	\$81,827,515	\$81,724,358	\$81,621,201	\$81,518,044	\$81,414,887	\$81,311,730	\$81,208,573	\$81,105,416	\$81,002,259	\$80,899,102	
6	Average Net Investment		82,085,408	81,982,251	81,879,094	81,775,937	81,672,780	81,569,623	81,466,466	81,363,309	81,260,152	81,156,995	81,053,838	80,950,681	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	134,831	134,661	134,492	134,322	134,153	133,984	133,814	133,645	133,475	133,306	133,136	132,967	1,606,786
	b. Equity Component Grossed Up For Taxes	5.77%	394,603	394,107	393,611	393,115	392,619	392,123	391,628	391,132	390,636	390,140	389,644	389,148	4,702,506
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.4860%	103,157	103,157	103,157	103,157	103,157	103,157	103,157	103,157	103,157	103,157	103,157	103,157	1,237,884
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.001703	11,821	11,821	11,821	11,821	11,821	11,821	11,821	11,821	11,821	11,821	11,821	11,821	141,852
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$644,412	\$643,746	\$643,081	\$642,415	\$641,750	\$641,085	\$640,420	\$639,755	\$639,089	\$638,424	\$637,758	\$637,093	\$7,689,028
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$644,412	\$643,746	\$643,081	\$642,415	\$641,750	\$641,085	\$640,420	\$639,755	\$639,089	\$638,424	\$637,758	\$637,093	\$7,689,028

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-2013-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4r) - CR4 Clinker Mitigation
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	
3	Less: Accumulated Depreciation	(104,197)	(105,558)	(106,919)	(108,280)	(109,641)	(111,002)	(112,363)	(113,724)	(115,085)	(116,446)	(117,807)	(119,168)	(120,529)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$556,801	\$555,440	\$554,079	\$552,718	\$551,357	\$549,996	\$548,635	\$547,274	\$545,913	\$544,552	\$543,191	\$541,830	\$540,469	
6	Average Net Investment		556,121	554,760	553,399	552,038	550,677	549,316	547,955	546,594	545,233	543,872	542,511	541,150	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.97%	913	911	909	907	905	902	900	898	896	893	891	889	10,814
	b. Equity Component Grossed Up For Taxes	5.77%	2,673	2,667	2,660	2,654	2,647	2,641	2,634	2,628	2,621	2,615	2,608	2,601	31,649
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.4700%	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	16,332
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.001703	94	94	94	94	94	94	94	94	94	94	94	94	1,128
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,041	\$5,033	\$5,024	\$5,016	\$5,007	\$4,998	\$4,989	\$4,981	\$4,972	\$4,963	\$4,954	\$4,945	\$59,923
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$5,041	\$5,033	\$5,024	\$5,016	\$5,007	\$4,998	\$4,989	\$4,981	\$4,972	\$4,963	\$4,954	\$4,945	\$59,923

For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4s) - CR5 Clinker Mitigation
(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	
3	Less: Accumulated Depreciation	(66,823)	(67,864)	(68,905)	(69,946)	(70,987)	(72,028)	(73,069)	(74,110)	(75,151)	(76,192)	(77,233)	(78,274)	(79,315)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$439,081	\$438,040	\$436,999	\$435,958	\$434,917	\$433,876	\$432,835	\$431,794	\$430,753	\$429,712	\$428,671	\$427,630	\$426,589	
6	Return on Average Net Investment (A)		438,561	437,520	436,479	435,438	434,397	433,356	432,315	431,274	430,233	429,192	428,151	427,110	
7	Return on Average Net Investment														
	a. Debt Component	1.97%	720	719	717	715	714	712	710	708	707	705	703	702	8,532
	b. Equity Component Grossed Up For Taxes	5.77%	2,108	2,103	2,098	2,093	2,088	2,083	2,078	2,073	2,068	2,063	2,058	2,053	24,966
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.4700%	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	12,492
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.001703	72	72	72	72	72	72	72	72	72	72	72	72	864
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,941	\$3,935	\$3,928	\$3,921	\$3,915	\$3,908	\$3,901	\$3,894	\$3,888	\$3,881	\$3,874	\$3,868	\$46,854
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,941	\$3,935	\$3,928	\$3,921	\$3,915	\$3,908	\$3,901	\$3,894	\$3,888	\$3,881	\$3,874	\$3,868	\$46,854

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-2013-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.

(A) The allowable return is per the methodology approved in Order No. PSC-2012-0425-PAA-EU.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ____ (CAM-5)
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Project Title: Coal Combustion Residual (CCR) Rule
Project No. 18

Project Description:

The Coal Combustion Residual (CCR) Rule was published in the Federal Register on 4/17/15 and is effective 10/19/15. This rule regulates the disposal of CCR as non-hazardous solid waste, and contains new requirements for CCR landfills and CCR surface impoundments. It also specifies implementation guidelines for compliance. The CCR compliance deadlines vary, with compliance obligations required as early as 10/19/15. The rule is self-implementing, meaning that affected facilities must comply with the new regulations irrespective of whether the rule is adopted by the State of Florida. The rule has specific impacts on the ash landfill, Flue Gas Desulfurization (FGD) lined blowdown ponds and temporary gypsum pad at the Crystal River site. No other DEF operating facilities are impacted by the CCR rule.

Project Accomplishments:

Annual inspections were completed for the FGD Blowdown Ponds and Ash Landfill. Maintenance, vegetation management, and weekly inspections for the FGD Blowdown Ponds and Ash Landfill continue. Work started on dewatering and solids excavation for closure of the FGD Blowdown Ponds. The groundwater assessment project for the FGD Blowdown Ponds and Ash Landfill continued per the requirements of the rule.

Project Fiscal Expenditures:

2019 estimated O&M expenditures are \$2M. No capital spend is forecast for 2019.

Project Progress Summary:

Ash Landfill: Ground water monitoring well installation, data gathering, and analysis is being performed. Groundwater assessment results triggered an assessment of corrective measures study, nature and extent delineation study, and alternative source demonstration. These studies were completed in 2019 and DEF continues to evaluate corrective measures to be implemented to address statistically significant increases of certain constituents in groundwater.

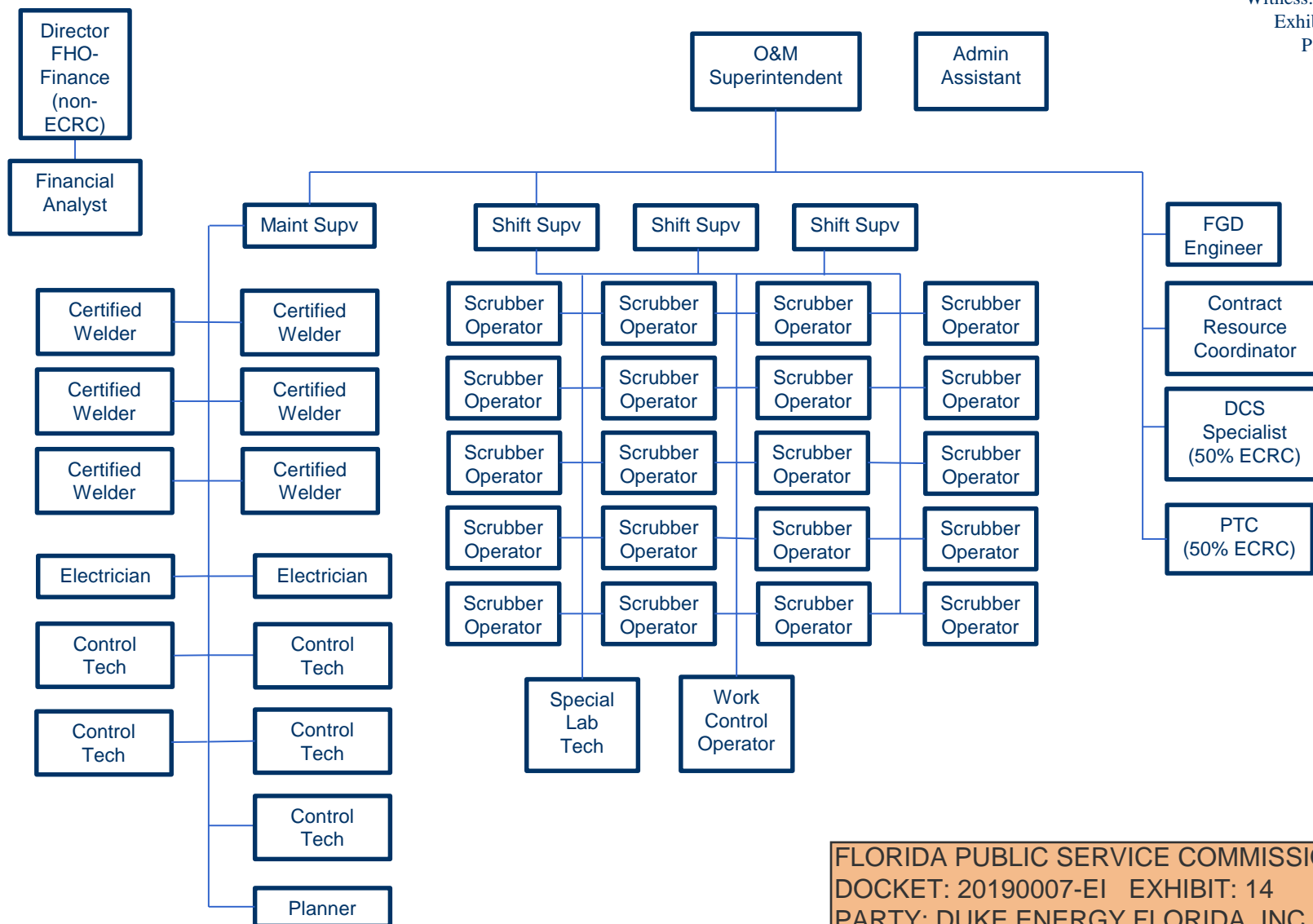
FGD Blowdown Ponds: Dewatering and solids removal from the primary and backup FGD Blowdown Ponds were completed. Development of a closure plan for the FGD Blowdown pond is underway. Pond closure was substantially completed during 2019, and alternative source demonstration was completed to address statistically significant increases in certain constituents in groundwater.

Vegetation Management & Inspection Work: More frequent mowing and inspection work is being performed, to comply with the CCR Rule.

Project Projections:

2020 estimated O&M expenditures are \$241k, capital is forecasted to be \$42k.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 13
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Timothy Hill CAM-5 TH



FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 14
PARTY: DUKE ENERGY FLORIDA, INC.
(DEF) – (DIRECT)
DESCRIPTION: Jeffrey Swartz JS-1

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
January 2020 - December 2020
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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
Exh. No. ____ (CAM-5)
Page 28 of 47

Project Title: Integrated Clean Air Compliance Plan - Clean Air Interstate Rule (CAIR)
Project Nos. (7.2, 7.3 & 7.4)

Project Description:

The Clean Air Interstate Rule (CAIR), 40 CFR 24, 262, imposes significant restrictions on emissions of SO₂ and NO_x from power plants in 28 eastern states, including Florida and the District of Columbia. The CAIR rule apportions region-wide SO₂ and NO_x emission reduction requirements to the individual states, and further requires each affected state to revise its State Implementation Plans (SIPs) to include measures necessary to achieve its emission reduction budget within prescribed deadlines.

The Cross-State air pollution Rule (CSAPR) replaced CAIR on 1/1/15. Under the CSAPR, the State of Florida is no longer required to comply with annual emission requirements, only NO_x ozone seasonal limits. The CSAPR requirements took effect in Florida on 5/1/15, the beginning of the ozone season. NO_x emission allowances under CAIR have no value; however, DEF will continue to use its SO₂ emission allowances to comply with the Acid Rain Program. (see Project No. 5 - SO₂ and NO_x Emission Allowances Project Sheet for more information).

The Florida Department of Environmental Protection ("FDEP") Conditions of Certification, dated August 1, 2012, require DEF to evaluate an alternative disposal method of FGD Blowdown wastewater based on results of groundwater monitoring near percolation ponds. DEF is installing a physical/chemical treatment system to treat FGD Blowdown wastewater with discharge to surface water or percolation ponds.

Project Accomplishments:

The FGD Wastewater treatment (WWT) system went in-service February 2019.

Project Fiscal Expenditures:

For 2019, O&M expenditures for CAIR/CAMR – Peaking (Project 7.2) are projected to be \$0. For the CAIR/CAMR Crystal River Program (Project 7.4), O&M is forecasted be \$23.8M. Capital expenditures for CAIR/CAMR Crystal River - Conditions of Certification (Project 7.4) are expected to be \$5.8M.

Project Progress Summary:

DEF continues to comply with the CAIR, CSAPR and the Acid Rain Program. The FGD WWT project will comply with EPA's CCR rule, ELG requirements, and FDEP's Consent Order OCG Case No. 09-3463D, Third Amendment.

Project Projections:

2020 estimated O&M expenditures are \$22.6M.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 15
PARTY: DUKE ENERGY FLORIDA, INC. (DEF) –
(DIRECT)
DESCRIPTION: Jeffrey Swartz CAM-5 JS

**DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
January 2020 - December 2020
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Project Title: Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion
Project No. 17.1

Project Description:

Convert existing Anclote Units to use 100% natural gas to be in compliance with MATS as approved by the Commission in Order No. PSC-2012-0432-PAA-EI.

Project Accomplishments:

Unit 1 and Unit 2 gas conversions were completed 7/13/13 and 12/2/13, respectively. Unit 1 and Unit 2 Forced Draft (FD) fan modification work was completed 5/22/14 and 11/17/14, respectively.

Project Fiscal Expenditures:

No 2019 expenditures are expected for this project.

Project Progress Summary:

This project is in-service.

Project Projections:

No 2020 expenditures are expected for this project.

**DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
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Duke Energy Florida, LLC
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Project Title: Mercury & Air Toxic Standards (MATS) CR1 & CR2
Project No. 17.2

Project Description:

DEF implemented its CR1&2 MATS Compliance Plan as approved by the Commission in Order No. PSC-2014-0173-PAA-EI. CR1&2 have demonstrated compliance with all MATS requirements as of 4/16/2016.

Project Accomplishments:

DEF finalized its CR1&2 MATS Compliance Plan in December 2013 and began implementation in early 2014. Modifications were made to the electrostatic precipitators (ESPs) to improve particulate collection efficiency, and reagent injection systems were installed to reduce hydrogen chloride (HCl) and mercury emissions. Appendix K sorbent traps were installed for compliance demonstration with mercury emissions.

Project Fiscal Expenditures:

2019 O&M expenditures are expected to be \$45k.

Project Progress Summary:

CR1&2 have been retired.

Project Projections:

DEF does not expect to incur any capital expenditures or O&M costs in 2020.

Duke Energy Florida, LLC

Review of Integrated Clean Air Compliance Plan

**Submitted to the
Florida Public Service Commission**

March 29, 2019



FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 16
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Kim McDaniel KSM-1

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Acronyms

BART – Best Available Retrofit Technology
CAIR – Clean Air Interstate Rule
CAMR – Clean Air Mercury Rule
CAVR – Clean Air Visibility Rule
CCR - Coal Combustion Residuals
CO₂ – Carbon Dioxide
CPP – Clean Power Plan
CSAPR – Cross-State Air Pollution Rule
DEF – Duke Energy Florida
ECRC – Environmental Cost Recovery Clause
EPA – Environmental Protection Agency
EGU – Electric Generating Unit
ELG - Effluent Limitation Guidelines
ESP – Electrostatic Precipitator
FDEP – Florida Department of Environmental Protection
FGD – Flue Gas Desulfurization
GHG – Greenhouse Gas
LNB – Low NO_x Burner
MATS – Mercury and Air Toxic Standards
MWh – Megawatt Hour
NAAQS – National Ambient Air Quality Standards
NO_x – Nitrogen Oxides
NPDES – National Pollutant Discharge Elimination System
NSPS - New Source Performance Standards
PAC – Powdered Activated Carbon
Plan D – DEF Integrated Clean Air Compliance Plan
PM – Particulate Matter
ppb – Parts per billion
PSC – Public Service Commission

SCR – Selective Catalytic Reduction

SIP – Site Implementation Plan

SO₂ – Sulfur Dioxide

Executive Summary

In the 2007 Environmental Cost Recovery Clause (“ECRC”) Docket (No. 20070007-EI), the Commission approved Duke Energy Florida’s (“DEF”) updated Integrated Clean Air Compliance Plan (Plan D) as a reasonable and prudent means to comply with the requirements of the Clean Air Interstate Rule (“CAIR”) (subsequently replaced by the Cross-State Air Pollution Rule (“CSAPR”), Clean Air Mercury Rule (“CAMR”) (subsequently replaced by the Mercury and Air Toxics Standards (“MATS”) rule), Clean Air Visibility Rule (“CAVR”), and related regulatory requirements. In its 2007 final order, the Commission also directed DEF to file as part of its ECRC true-up testimony “a yearly review of the efficacy of its Plan D and the cost-effectiveness of DEF’s retrofit options for each generating unit in relation to expected changes in environmental regulations.” This report provides the required review for 2019.

The primary original components of DEF’s 2006 Compliance Plan D included:

Sulfur Dioxide (“SO₂”)

- Installation of flue gas desulfurization (“FGD”) systems on Crystal River (“CR”) Units 4 and 5
- Fuel switching at CR Units 1 and 2 to burn low sulfur coal
- Fuel switching at Anclote Units 1 and 2 to burn low sulfur oil and natural gas
- Purchases of SO₂ allowances

Nitrogen Oxides (“NO_x”)

- Installation of low NO_x burners (“LNBs”) and selective catalytic reduction (“SCR”) systems on CR Units 4 and 5

- Installation of LNBs and separated over-fire air (“SOFA”) or alternative NO_x controls at Anclote Units 1 and 2
- Purchase of annual and ozone season NO_x allowances

Mercury

- Installation of FGD and SCR systems at CR Units 4 and 5
- Installation of powdered activated carbon (“PAC”) injection on CR Unit 2

As detailed in Docket No. 20070007-EI, DEF decided on Plan D based on a quantitative and qualitative evaluation of the ability of alternative plans to meet environmental requirements, while managing risks and controlling costs. That evaluation demonstrated that Plan D is DEF’s most cost-effective alternative to meet applicable regulatory requirements. The Plan was designed to strike a balance between reducing emissions, primarily through the installation of controls on DEF’s largest and newest coal units (CR Units 4 and 5) and making strategic use of emission allowance markets.

In accordance with the Commission’s final order in Docket No. 20070007-EI, DEF has continued to review the efficacy of Plan D and the cost-effectiveness of retrofit options in relation to expected changes in environmental regulations. With regard to efficacy, Plan D remains the cornerstone of DEF’s efforts to comply with applicable air quality regulations in a cost-effective manner.

As indicated in previous ECRC filings, the U.S. Court of Appeals for the District of Columbia (“D.C. Circuit”) stayed the effect of CSAPR (proposed by the U.S. Environmental Protection Agency (“EPA”) to replace CAIR) leaving CAIR in effect until the court completed its review of CSAPR. In August 2012, the D.C. Circuit vacated CSAPR in its entirety, and in January 2013, the court denied EPA’s petition for rehearing. On April 29, 2014, the U.S. Supreme Court reversed the D.C. Circuit’s decision and upheld the CSAPR. EPA subsequently petitioned the D.C. Circuit to reinstate CSAPR, making it effective January 1, 2015. The court agreed with EPA and approved its petition.

Additionally, on February 16, 2012, EPA issued MATS to replace the vacated CAMR for emissions from coal- and oil-fired electric generating units (“EGUs”), including, potentially, DEF’s Anclote Units 1 and 2, Suwannee Units 1, 2, and 3, and CR Units 1, 2, 4, and 5. The following summarizes the results of DEF’s MATS compliance analyses for these units:

Anclote Units 1 & 2: DEF determined that the most cost-effective option for Anclote Units 1 and 2 was conversion to fire 100% natural gas rather than installation of emission controls to comply with MATS. The Commission approved DEF's petition for ECRC recovery of costs associated with the Anclote Conversion Project in Docket No. 20120103-EI.

Suwannee Units 1, 2 & 3: DEF determined that no further modifications were needed on Suwannee Units 1, 2 and 3 as these units were already capable of operating on 100% natural gas.

CR Units 4 & 5: DEF determined that the existing electrostatic precipitators ("ESPs"), FGDs, and SCRs at CR Units 4 and 5 would provide sufficient control for MATS compliance under typical conditions. DEF also determined that chemical injection systems would be required to mitigate mercury re-emissions from the FGDs. On December 15, 2014, DEF requested a one-year extension to allow time for installation of additional mercury control systems. On March 12, 2015, the Florida Department of Environmental Protection ("FDEP") authorized a one-year extension (to April 16, 2016) for all mercury-related MATS requirements on CR Units 4 and 5; the units have operated in compliance with the Standards since that time.

CR Units 1 & 2: DEF determined that the use of alternative coals (along with dry sorbent injection, PAC injection, and ESP enhancements) was a feasible and cost-effective strategy to allow these units to continue running for a limited period of time in compliance with MATS and Best Available Retrofit Technology ("BART") requirements until new generation could be built. This plan was approved by the Commission in Order No. PSC-2014-0173-PAA-EI (April 17, 2014). On February 6, 2014, the FDEP granted a one-year extension (to April 16, 2016) for all MATS requirements on CR Units 1 and 2; the units have operated in compliance with the Standards since that time. CR Units 1 and 2 were retired from service on December 31, 2018.

Although EPA has begun implementation of a regulatory approach to reduce greenhouse gas ("GHG") emissions through the Clean Air Act, there currently are no GHG emission standards applicable to DEF's existing units. Moreover, there are still no retrofit options commercially available to reduce carbon dioxide ("CO₂") emissions from fossil fuel-fired EGUs. The Company will continue to monitor and update the Commission on EPA's efforts to establish emission guidelines to address GHG from existing power plants under Section 111(d) of the federal Clean Air Act and whether changes to EPA's approach occur.

DEF is confident that the emission controls installed pursuant to Plan D, along with compliance strategies discussed further in this Plan, will enable the Company to achieve and maintain compliance with all applicable environmental regulations in a cost-effective manner.

I. Introduction

In its final order in the 2007 ECRC Docket (No. 20070007-EI), the Commission approved DEF's updated Integrated Clean Air Compliance Plan (Plan D) as a reasonable and prudent means to comply with the requirements of CAIR, CAMR, CAVR and related regulatory requirements. In *In re Environmental Cost Recovery Clause*, Order No. PSC-2007-0922-FOF-EI, p. 8 (Nov. 16, 2007), the Commission specifically found that "PEF's [now DEF's] updated Integrated Clean Air Compliance Plan represents the most cost-effective alternative for achieving and maintaining compliance with CAIR, CAMR, and CAVR, and related regulatory requirements, and it is reasonable and prudent for DEF to recover prudently incurred costs to implement the plan." *Id.* The Commission also directed DEF to file as part of its ECRC true-up testimony "a yearly review of the efficacy of its Plan D and the cost-effectiveness of [DEF's] retrofit options for each generating unit in relation to expected changes in environmental regulations." *Id.* The purpose of this report is to provide the required review for 2019.

II. Regulatory Background

The CAIR and CAVR programs required DEF and other utilities to significantly reduce emissions of SO₂ and NO_x. CAIR contemplated emission reductions in incremental phases, in which Phase I began in 2009 for NO_x and in 2010 for SO₂. Phase II was scheduled to begin in 2015 for both NO_x and SO₂. As noted later in this Plan, CAIR was remanded by the courts in 2008, but remained in place through 2014 while the EPA worked on development and implementation of an acceptable replacement rule. Following resolution of litigation, the replacement rule, CSAPR, took effect on January 1, 2015, and in 2016 was revised to exclude Florida. The CAVR, designed to improve visibility in Class I areas, remains in effect and the status of the BART requirements under CAVR affecting DEF is provided in part D of this section of this Plan. The CAMR originally required reduction of mercury emissions at a system level and installation of mercury monitors. As discussed later in this Plan, CAMR was vacated in early 2008 and in lieu of CAMR, EPA published a final MATS rule on February 16, 2012.

In March 2006, the Company submitted a report and supporting testimony presenting its integrated plan for complying with the CAIR, CAVR, and CAMR, as well as the process the Company used to evaluate alternative plans, to the Commission. The analysis included an

examination of the projected emissions associated with several alternative plans and a comparison of economic impacts, in terms of cumulative present value of revenue requirements. The Company's Integrated Clean Air Compliance Plan, designated as Plan D, was found to be the most cost-effective compliance plan for CAIR, CAMR, and CAVR from among five alternative plans.

In June 2007, the Company submitted an updated report and supporting testimony summarizing the status of the Plan and an updated economic analysis incorporating certain Plan revisions necessitated by changed circumstances. Consistent with the approach utilized in 2006, the Company performed a quantitative evaluation to compare the ability of modified alternative plans to meet environmental requirements, while managing risks and controlling costs. That evaluation demonstrated that Plan D, as revised, is the Company's most cost-effective alternative to meet applicable regulatory requirements. Based on that analysis, the Commission approved Plan D as reasonable and prudent, and held that the Company should recover prudently incurred costs of implementing the Plan. In each subsequent ECRC docket, DEF has submitted its annual review of the Integrated Clean Air Compliance Plan for Commission review.

A. Status of CAIR and CSAPR

In July 2008, the D.C. Circuit issued a decision vacating CAIR in its entirety. *North Carolina v. EPA*, 531 F.3d 896 (D.C. Cir. 2008). However, the Court subsequently decided to remand CAIR without vacatur, thereby leaving the rule and its compliance obligations in place until EPA revises or replaces CAIR. *North Carolina v. EPA*, 550 F.3d 1176 (D.C. Cir. 2008). EPA adopted the CSAPR to replace the CAIR by publication in the *Federal Register* in August 2011. *See* 76 Fed. Reg. 48,208 (Aug. 8, 2011).

In Order No. PSC-2011-0553-FOF-EI, issued in Docket No. 20110007-EI on December 7, 2011, the Commission addressed the impact of CSAPR on the Company's recovery of NO_x emission allowance costs. Because CSAPR would no longer allow the Company to use NO_x allowances previously obtained under CAIR for compliance effective January 1, 2012, the Commission established a regulatory asset to allow the Company to recover the costs of its remaining NO_x allowance inventory over a three-year amortization period. However, on December 30, 2011, the D.C. Circuit stayed CSAPR, leaving CAIR in effect until the court completed its review of the new rule. Thus, the Company continued to maintain its NO_x

allowance inventory in order to comply with CAIR. Pursuant to the stipulation approved in Order No. PSC-2011-0553-FOF-EI, the Company continued to expense NO_x allowance costs incurred to comply with CAIR based on actual usage consistent with current practice. In August 2012, the D.C. Circuit vacated CSAPR in its entirety, and in January 2013, the court denied EPA's petition for rehearing. *See EME Homer City Generation, L.P. v. EPA*, 696 F.3d 7 (D.C. Cir. 2013). The EPA subsequently appealed the court's vacatur to the U.S. Supreme Court and on April 29, 2014, the Supreme Court overturned the D.C. Circuit's decision vacating CSAPR and remanded the case back to the lower court for further action. On June 26, 2014, the EPA requested that the court lift the stay of the CSAPR and allow it to be implemented, under a revised schedule, beginning January 1, 2015. This request was granted on October 23, 2014, and the CSAPR went into effect on January 1, 2015, replacing the CAIR. On July 28, 2015, the D.C. Circuit determined that EPA failed to cost justify a number of Phase 2 emission allowance budgets for certain states, including Florida, citing they were more stringent than necessary to achieve air compliance in downwind states, and held the Phase 2 NO_x allowance allocations invalid. Finally, on November 17, 2015, EPA proposed a revised CSAPR. EPA proposed to remove Florida from the CSAPR program, beginning with the 2017 ozone season.

On September 7, 2016, EPA finalized its CSAPR Update rule and eliminated Florida, South Carolina, and North Carolina from the CSAPR ozone season program based on modeling which shows that NO_x emissions from these states do not significantly contribute to ozone nonattainment in any downwind state. Duke Energy sources in Florida are no longer subject to any CSAPR NO_x emission limitations, as of the beginning of 2017.

B. Vacatur of CAMR and Adoption of MATS

In February 2008, the D.C. Circuit Court vacated CAMR and rejected EPA's delisting of coal-fired EGUs from the list of emission sources that are subject to Section 112 of the Clean Air Act. *See New Jersey v. EPA*, 517 F.3d 574 (D.C. Cir. 2008). As a result, in lieu of CAMR, EPA was required to adopt new emissions standards for control of various hazardous air pollutant emissions from coal-fired EGUs. *Id.* EPA issued its proposed rule to replace CAMR on March 16, 2011, with publication following in the *Federal Register* on May 3, 2011. *See* 76 Fed. Reg. 24976 (May 3, 2011). On February 16, 2012, EPA published the final rule which established new MATS limits for emissions of various metals and acid gases from both coal- and oil-fired

EGUs. Compliance generally was required to be achieved within three years of EPA's adoption of MATS (i.e., April 16, 2015), although the Clean Air Act authorizes permitting authorities to grant one-year compliance extensions in certain circumstances. On June 29, 2015, the U.S. Supreme Court remanded the MATS rule to the D.C. Circuit, finding that the EPA insufficiently considered costs in determining that it is "appropriate and necessary" to regulate mercury from power plants. On December 15, 2015, the D.C. Circuit remanded the MATS rule to EPA without vacatur, and EPA committed to completing its consideration of cost by April 16, 2016. On March 3, 2016, the U.S. Supreme Court denied a request for a stay of the MATS rule while the EPA completes its cost consideration, thus the MATS rule remains in effect pending the cost consideration process. On March 18, 2016, a coalition of 20 states led by Michigan petitioned the Court for a writ of certiorari asking the Court to declare whether an administrative rule promulgated without statutory authority may be left in effect by a reviewing court during the pendency of its review. *See State of Mich., et al. v. EPA*, Pet. for Writ of Cert. to U.S. Sup. Ct. (filed Mar. 18, 2016). On April 14, 2016 EPA issued a final finding that it is appropriate and necessary to set standards for emissions of air toxics from coal- and oil-fired power plants. This finding responded to the decision by the U.S. Supreme Court that EPA must consider cost in the appropriate and necessary finding supporting MATS. This finding has been challenged.

On February 7, 2019 the EPA proposed a revision to its response to the U.S. Supreme Court decision in *Michigan v. EPA* which held that the EPA erred by not considering cost in its determination that regulation under section 112 of the Clean Air Act of hazardous air pollutant emissions from coal- and oil-fired electric utility steam generating units is appropriate and necessary. This proposal is currently under review.

In the 2011 ECRC docket, the Commission recognized that EPA's adoption of MATS for EGUs would require the Company to modify its Integrated Clean Air Compliance Plan. See Order No. PSC-2011-0553-FOF-EI, at 11. Accordingly, consistent with the Commission's expectation that utilities "take steps to control the level of costs that must be incurred for environmental compliance," Order No. PSC-2008-0775-FOF-EI, at 7, the Commission approved the Company's request to recover costs incurred to assess EPA's proposed rule, prepare comments to EPA, and develop compliance strategies within the aggressive regulatory timeframes proposed by EPA.

C. Greenhouse Gas Regulation

In 2007, then-Governor Crist issued Executive Order 07-127 directing the FDEP to promulgate regulations requiring reductions in utility CO₂ emissions. In addition, the 2008 Florida Legislature enacted legislation authorizing FDEP to adopt rules establishing a cap-and-trade program and requiring the FDEP to submit any such rules for legislative review and ratification. However, the FDEP did not adopt any cap-and-trade rules, and the Legislature subsequently repealed the 2008 law. Likewise, although a number of bills that would regulate GHG emissions have been introduced to Congress over the past several years, none have become law. In the meantime, the EPA has begun implementing a regulatory approach to reducing GHG emissions through the Clean Air Act. At this time, however, there are no GHG emission standards applicable to DEF's existing generating units. Moreover, there are still no retrofit options commercially available to reduce CO₂ emissions from fossil fuel-fired electric generating units such as CR Units 4 and 5, which are the primary focus of DEF's compliance plan. To date, there are very limited large-scale commercial carbon capture and storage technology demonstrations on electric utility units. Until numerous technological, regulatory, and liability issues are resolved, it will be impossible to determine whether carbon capture and storage would be a technically-feasible or cost-effective means of complying with a CO₂ regulatory regime. Moreover, replacing coal-fired generation from CR Units 4 and 5 with lower CO₂-emitting natural gas-fired combined cycle generation is not a viable option at this late date, particularly given the fact that DEF has placed in service Plan D components.

On June 25, 2013, President Obama issued a Presidential Memorandum directing the EPA to establish GHG emission guidelines for existing power plants under Section 111(d) of the Clean Air Act. The Presidential Memorandum directed the EPA to issue proposed GHG standards, regulations, or guidelines, as appropriate, for existing power plants by no later than June 1, 2014, and issue final standards, regulations or guidelines, as appropriate, by no later than June 1, 2015. In addition, the Presidential Memorandum directed the EPA to include a requirement in the new regulations that states submit State Implementation Plans ("SIPs") to implement the new guidelines by no later than June 30, 2016.

On August 3, 2015, the EPA released the final New Source Performance Standards ("NSPS") for CO₂ emissions from existing fossil fuel-fired EGUs (also known as the Clean Power Plan or "CPP"). The final CPP established state-specific emission goals; for Florida, the

goals begin a phased approach in 2022, ending with a rate goal of 919 lb. CO₂/MWh annual average for the period 2030 and beyond. Alternatively, the state can adopt a mass emissions approach culminating in a 2030 target of 105,094,704 tons (existing units) or 106,641,595 tons (existing plus new units). The final CPP has been challenged in the D.C. Circuit by 27 states and a number of industry groups. Oral argument occurred on September 27, 2016. The D.C. Circuit subsequently issued a stay of the litigation. Previously, on February 9, 2016, the U.S. Supreme Court had placed a stay on the CPP until such time that all litigation is completed.

Also, on August 3, 2015, the EPA released the final NSPS for CO₂ emissions from new, modified and reconstructed fossil fuel-fired EGUs. The rule includes emission limits of 1,400 lb. CO₂/MWh for new coal-fired units and 1,000 lb. CO₂/MWh for new natural gas combined-cycle units. This rule has also been challenged in the D.C. Circuit. The D.C. Circuit has issued an order suspending this litigation pending a review of the rule by EPA.

On March 28, 2017, President Trump signed an Executive Order (“EO”) entitled “Promoting Energy Independence and Economic Growth.” The EO directs federal agencies to “immediately review existing regulations that potentially burden the development or use of domestically produced energy resources and appropriately suspend, revise, or rescind those that unduly burden the development of domestic energy resources.” The EO specifically directs the EPA to review the following rules and determine whether to suspend, revise, or rescind those rules:

- The final CO₂ emission standards for existing power plants (“CPP”);
- The final CO₂ emission standards for new power plants (“CO₂ NSPS”);
- The proposed Federal Plan and Model Trading Rules that accompanied the CPP.

In response to the EO, the Department of Justice filed motions with the D.C. Circuit Court to stay the litigation of both the CPP and the CO₂ NSPS rules while each is reviewed by EPA. The EO does not change the current status of the CPP which is under a legal hold by the U.S. Supreme Court. With regard to the CO₂ NSPS, that rule will remain in effect pending the outcome of EPA’s review.

On October 16, 2017, the EPA published a proposal to announce its intention to repeal the CPP. The proposal also requested public comment on the proposed rule. The EPA held public hearings on November 28 and 29, 2017, in Charleston, West Virginia, and extended the public comment period until January 16, 2018. In response to numerous requests for additional

opportunities for the public to provide oral testimony on the proposed rule in more than one location, the EPA will conduct EPA three listening sessions, and extend the public comment period until April 26, 2018.

On December 28, 2017 EPA published an Advanced Notice of Proposed Rulemaking (ANPR) to solicit information from the public as the agency considers proposing emission guidelines to limit GHG emissions from existing EGUs. EPA is also "soliciting information on the proper respective roles of the state and federal governments in the process, as well as information on systems of emission reduction that are applicable at or to an existing EGU, information on compliance measures, and information on state planning requirements under the Clean Air Act."

D. Status of BART Requirements under CAVR

In 2009, the FDEP issued a permit imposing BART requirements for particulate matter ("PM") emissions from CR Units 1 and 2. The 2009 permit did not impose BART requirements for SO₂ and NO_x emissions because, at the time, the EPA assumed that compliance with CAIR would satisfy BART requirements for SO₂ and NO_x. Following the proposed adoption of CSAPR, in early 2012, the EPA revised its previous determination to replace the "CAIR satisfies BART" assumption with "CSAPR satisfies BART." In late 2011, CSAPR was vacated (although later re-instated – see part A above), leaving CAIR in effect and resulting in confusion regarding the ability to rely on CAIR (or CSAPR) to satisfy BART requirements. As a result, in 2012, the Company worked with the FDEP to develop and finalize air construction permits to address SO₂ and NO_x emissions from CR Units 1 and 2 in support of FDEP's development of a revised Regional Haze SIP to address CAVR requirements for SO₂ and NO_x. The permits call for the installation of Dry FGD and SCR no later than January 1, 2018, or within 5 years of the effective date of the EPA's approval of the Florida Regional Haze SIP, whichever is later, or alternatively the discontinuation of the use of coal in CR Units 1 and 2 by December 31, 2020. DEF ultimately selected the latter of the two options. CR Units 1 and 2 were retired from service on December 31, 2018.

As discussed in the Company's 2013 Integrated Clean Air Compliance Plan, the FDEP subsequently submitted to EPA a revised Regional Haze SIP containing unit-specific

determinations for SO₂ and NO_x, including the new permit requirements for CR Units 1 and 2. EPA formally approved the FDEP's revised Regional Haze SIP in August 2013. *See* 78 Fed Reg. 53250 (Aug. 29, 2013). Although third parties initially petitioned for review of EPA's approval in the U.S. Court of Appeals for the Eleventh Circuit, the petition was subsequently withdrawn and the SIP approval remains in place. CR Units 1 and 2 were retired from service on December 31, 2018.

E. Status of National Ambient Air Quality Standards (NAAQS)

The EPA and FDEP are working to implement the 2010 one-hour NAAQS for SO₂. In mid-2013, the EPA finalized nonattainment designations for two small areas in Florida outside of DEF's service territory (one in Nassau County, one in Hillsborough County) based on existing monitoring data. The EPA deferred making any area designations (attainment, nonattainment, or unclassifiable) for the remainder of the state. On August 21, 2015, the EPA published a final rule that describes requirements for additional ambient air quality monitoring and/or modeling that will be used to determine future rounds of area designations. Under the rule, the EPA made nonattainment designations in 2017 for modeled areas and in 2020, will make designations for monitored areas. Based on the EPA modeling protocol, the FDEP modeled the area surrounding the Crystal River facility and determined that future operation will not cause a nonattainment issue. This finding was provided to EPA on January 13, 2017, as part of the FDEP's Data Requirements Rule package submittal. On August 22, 2017, EPA issued the Intended Area Designation document, which did not concur with FDEP's recommendation and outlined EPA's intent to identify an area in Citrus County near the Crystal River Power Plant as nonattainment with the SO₂ ambient standard. FDEP provided additional updated information and, on December 21, 2017, EPA issued the final Third Round of SO₂ Designations document designating the area around Crystal River as 'unclassifiable' rather than 'nonattainment.' In early 2018, this designation was upgrade to 'attainment', based on the results of the 2017 full year data.

In 2010, EPA also revised its NO₂ NAAQS to implement a new one-hour standard. At this time, however, DEF does not anticipate that the new standard will impact compliance measures at DEF facilities.

On October 1, 2015, the EPA issued a revised NAAQS for ambient ozone, changing the standard to 70 parts per billion (ppb) averaged over 8 hours from the previous level of 75 ppb. There are currently no nonattainment areas with respect to the revised standard in Florida; therefore, DEF does not anticipate an impact on its compliance measures.

III. DEF's Integrated Clean Air Compliance Plan

The Company's original compliance plan (Plan D) will continue to help it meet applicable environmental requirements by striking a balance between reducing emissions, primarily through installation of controls on its largest and newest coal units (CR Units 4 and 5). While the original plan made strategic use of the allowance markets to comply with CSAPR requirements, this is no longer necessary as discussed in Section II.A of this document. The controls installed in accordance with Plan D will continue to be the cornerstone of DEF's compliance strategy with the adoption of MATS and other ongoing regulatory efforts. Specific components of the Plan are summarized below.

A. FGD Systems

The most significant component of DEF's Integrated Clean Air Compliance Plan is the installation of FGD systems, also known as wet scrubbers, on CR Units 4 and 5 to comply with CAIR, Title IV of the Clean Air Act, and other SO₂ control requirements in DEF's air permits for these units. The FGDs also reduce mercury and acid gasses and, therefore, are a key component of DEF's MATS compliance strategy. In particular, the co-benefits of the FGDs and SCRs reduce mercury emissions by 90-95% under typical conditions.

B. SCR & Other NO_x Controls

The primary component of DEF's NO_x compliance plan is the installation of LNBs and SCR systems on CR Units 4 and 5. These controls enable DEF to comply with CAIR/CSAPR and other NO_x control requirements included in its air permits for the units. As discussed above, the SCRs also help achieve MATS requirements for mercury.

DEF has taken strategic advantage of CAIR's cap-and-trade feature by purchasing some annual and ozone season NO_x allowances; however, as explained above, the court stay of the

CSAPR was lifted, and the rule went into effect replacing CAIR on January 1, 2015. Under the CSAPR, the State of Florida was only affected by the ozone season requirements of the rule, which applied from May through September. Beginning in 2017, the entire state of Florida was removed from the requirements to comply with the CSAPR. Consequently, DEF has NO_x CAIR emission allowances that cannot be used to comply with the CSAPR. DEF has established a regulatory asset to recover the costs of its remaining NO_x CAIR emission allowance inventory over a three-year amortization period beginning January 2015 in accordance with Order No. PSC-2011-0553-FOF-EI.

C. Additional MATS Compliance Strategies

DEF determined that the most cost-effective option for its Anclote Units 1 and 2 was conversion to fire 100% natural gas rather than installation of emission controls to comply with MATS. This was approved by the Commission in Docket 20120103-EI.

Suwannee Units 1, 2 and 3 operated exclusively on natural gas and, therefore, were not subject to MATS requirements. At the end of 2016, these units were retired.

DEF utilizes ESP, FGD, and SCR systems as the primary MATS control technologies for CR Units 4 and 5. In addition, DEF has installed chemical injection systems to mitigate mercury re-emissions from the FGDs.

For CR Units 1&2, DEF has determined that the use of alternative coals (along with dry sorbent injection, PAC injection, and ESP enhancements) is a feasible and cost-effective strategy to allow these units to continue running for a limited period of time in compliance with MATS and BART requirements until new generation can be built. This plan was approved by the Commission in Order No. PSC-2014-0173-PAA-EI (April 17, 2014). CR Units 1 and 2 were retired from service on December 31, 2018.

D. Visibility Requirements

DEF operates four units that are potentially subject to BART under CAVR: Anclote Units 1 and 2 and CR Units 1 and 2. Based on modeling of air emissions from Anclote Units 1 and 2, those units are exempt from BART for PM. Because the modeling results for CR Units 1 and 2 showed visibility impacts at or above regulatory threshold levels, DEF obtained a BART permit in 2009 for PM for those units. This permit established a combined BART PM emission

standard for Crystal River Units 1 and 2 that requires demonstration of compliance by October 1, 2013. This deadline was met and the units now operate in compliance with the permit which was effective on January 1, 2014. As discussed above, in 2012 FDEP issued air construction permits addressing SO₂ and NO_x requirements for CR Units 1 and 2 in support of FDEP's development of a revised Regional Haze SIP. These units are also subject to the Reasonable Further Progress ("Beyond BART") requirements under CAVR which are now scheduled to take effect in 2021, following EPA's January 2017 extension of the 2018 requirements. As presented in the Company's petition approved in Order PSC-2014-0173-PAA-EI, DEF determined that the use of alternative coals with installation of less expensive pollution controls will provide a cost-effective means for it to continue operating CR Units 1 and 2 in compliance with MATS and CAVR for a limited time until replacement generation can be constructed.

IV. Efficacy of DEF's Plan

A. Project Milestones

DEF completed installation of Plan D's controls on CR Units 4 and 5 as contemplated in prior ECRC filings. CR Units 4 and 5 FGD and SCR projects are now in-service, and targeted environmental benefits have been met. In addition to reducing SO₂ and NO_x emissions, the FGDs and SCRs have the combined effect of reducing mercury and other emissions regulated by MATS. DEF installed mercury re-emission control systems in 2015 and has demonstrated compliance with the applicable MATS requirements for CR Units 4 and 5.

The Commission approved DEF's Need Petition in Docket No. 20140110-EI to construct the Citrus County Combined Cycle Units which are scheduled for commercial operation in 2018 and allowed for the retirement of coal-fired CR Units 1 and 2. DEF installed pollution controls on CR Units 1 and 2 to allow for continued operation in compliance with MATS and BART until the Citrus units became operational. CR Units 1 and 2 were retired from service on December 31, 2018. Targeted environmental benefits have been met.

Anclote Units 1 and 2 were converted to fire 100% natural gas in 2013. Necessary upgrades to the forced draft fans were completed in 2014 in order to maintain unit output. Targeted environmental benefits have been met.

B. Projects

CR Units 4 and 5 FGD and SCR projects are now in-service, and the targeted environmental benefits have been met. The Anclote units have been converted to fire 100% natural gas. DEF operated CR Units 1 and 2 in compliance with BART and MATS requirements as outlined in Order No. PSC-2014-0173-PAA-EI until their retirement.

C. Uncertainties

The impacts of ongoing federal rulemaking activities on the compliance plan include:

- The final regulation on cooling water intake structures, Clean Water Act Section 316(b), will influence decisions with regard to control technologies to meet new standards. The rule was issued on May 19, 2014 with an effective date of October 14, 2014. New rule requirements are being assessed, and DEF's compliance strategies may be altered when this evaluation is complete. As identified in the September 1, 2017 filing in Docket No. 2017007-EI, DEF has selected a 316(b) compliance plan for Crystal River Units 1, 2, 4 and 5. Compliance with the 316(b) rule could result in the need for substantial capital improvements and/or plant modifications which could influence decisions with regard to control technologies to meet new standards at other affected stations. The compliance schedule for 316(b) is determined by each station's National Pollutant Discharge Elimination System ("NPDES") permit cycle.
- On September 30, 2015, the EPA finalized the updated Steam Electric Effluent Limitation Guidelines ("ELG") for electric power plants, with a publication date of November 3, 2015. Compliance with this rule will affect decisions associated with the treatment of wastewater generated by the wet FGDs, and discharges from the bottom ash dewatering system at CR Units 4 and 5. On September 18, 2017, EPA issued a rule postponing for two (2) years the compliance dates for FGD wastewater and bottom ash transport water included in the 2015 rule.
- EPA signed the final CCR rule on December 19, 2014 and it was published on April 17, 2015. This rule will affect decisions associated with the handling of CCRs, including fly ash, bottom ash, and materials generated from operation of wet FGDs, including synthetic gypsum. DEF completed installation of 21 monitoring wells in December 2015 and January 2016. Sampling of these wells was performed and the

results statistically analyzed in January 2018. DEF's current plan is, by April 15, 2018, to perform an alternate source demonstration for the FGD ponds and proceed with assessment monitoring for the ash storage / disposal area (ash landfill). All other applicable CCR rule requirements applicable to the FGD ponds and ash landfill will continue into 2018 and beyond.

V. Conclusion

DEF has completed installation of the emission controls contemplated in its approved Plan D on time and within budget. The FGD and SCR systems at CR Units 4 and 5 have enabled DEF to comply with CAIR, and subsequently the CSAPR requirements and will continue to be the cornerstone of DEF's integrated air quality compliance strategy for years to come. DEF is confident that Plan D, along with the other compliance strategies discussed in the document, has enabled the Company to achieve and maintain compliance with applicable regulations, including MATS, in a cost-effective manner.

**DUKE ENERGY FLORIDA, LLC
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Project Title: Substation Environmental Investigation, Remediation and Pollution Prevention
Project No. 1

Project Description:

Chapter 376 Florida Statutes requires that any person discharging a prohibited pollutant shall undertake to contain, remove and abate the discharge to the satisfaction of the FDEP. Similarly, Chapter 403 Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For DEF to comply with these statutes, it is actively conducting remediation and pollution prevention activities at its substation sites to remove the existence of pollutant discharges. Activities also include development and implementation of best management and pollution prevention measures at these sites.

Project Accomplishments:

As of the end of second quarter 2019, a total of 277 substation remediations are completed out of 279 slated for substation activities.

Project Fiscal Expenditures:

2019 O&M expenditures for the substation system program (Projects 1 & 1a) are estimated to be \$631k. Project 1, Transmission Substation Remediation, is forecasted to be \$619k. Project 1a, Distribution Substation Remediation, is forecasted to be \$12k. The distribution portion of this program is now complete.

Project Progress Summary:

DEF continues to remediate substation sites in accordance with the approved Substation Assessment and Remedial Action Plan (SARAP).

Project Projections:

2020 O&M estimated expenditures are \$25k.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 17
PARTY: DUKE ENERGY FLORIDA, INC. (DEF)
– (DIRECT)
DESCRIPTION: Kim McDaniel CAM-5 KM

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Project Title: Distribution System Environmental Investigation, Remediation and Pollution Prevention
Project No. 2

Project Description:

Chapter 376 Florida Statutes requires that any person discharging a prohibited pollutant shall undertake to contain, remove and abate the discharge to the satisfaction of the FDEP. Similarly, Chapter 403 Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For DEF to comply with these statutes, it is actively conducting remediation and pollution prevention activities at its distribution sites to remove the existence of pollutant discharges. Activities also include development and implementation of best management and pollution prevention measures at these sites.

Project Accomplishments:

All TRIP sites source removals are completed. Groundwater monitoring will complete in 2019.

Project Fiscal Expenditures:

There is \$7.5K forecasted for 2019.

Project Progress Summary:

This project is complete with the exception of the groundwater monitoring at the 7100 Sunset Way, St. Petersburg Beach location.

Project Projections:

No further charges are expected to hit this project in 2020.

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Project Title: Pipeline Integrity Management (PIM) - Bartow/Anclole Pipeline
Project No. 3

Project Description:

The U.S. Department of Transportation (USDOT) Regulation 49 CFR Part 195, as amended effective 2/15/02, and the new regulation published at 67 Federal Register 2136 on 1/16/02, requires DEF to implement a PIM program. Prior to the 2/15/02 amendments, the USDOT's PIM regulations applied only to operators with 500 miles or more of hazardous liquid and carbon dioxide pipelines that could affect high consequence areas. The amendments which became effective on 2/15/02, extended the requirements for implementing integrity management to operators who have less than 500 miles of regulated pipelines. As such, DEF must maintain the integrity of pipeline systems in order to protect public safety and the environment, and comply with continual assessment and evaluation of pipeline systems integrity through inspection or testing, data integration and analysis, and follow up with remedial, preventative, and mitigative actions. DEF owns one hazardous liquid pipeline, Bartow/Anclole 14-inch hot oil pipeline, extending 33.3 miles from the Company's Bartow Plant north of St. Petersburg to the Anclole Plant in Holiday, that is subject to PIM regulations.

Effective 2/2010, amendments to 49 CFR 195 were finalized to improve opportunities to reduce risk through more effective control of pipelines. Compliance with these amendments will enhance pipeline safety by coupling strengthened control room management with improved controller training and fatigue management. On 6/16/11, the USDOT published in the Federal Register (Vol. 76, 35130-35136), a final rule effective 8/15/11, that expedites the program implementation deadlines in the Control Room Management/Human Factors regulations in order to realize the safety benefits sooner than established in the original rule. This final rule amends the program implementation deadlines for different procedures to no later than 10/21/11 and 8/1/12.

Project Accomplishments:

Since the Bartow Anclole Pipeline (BAP) contained a small quantity of #6 fuel oil, the PIM program under 49CFR195 continues to be maintained. Third party projects by Florida Department of Transportation (FDOT), Florida Gas Transmission, Pinellas County, The City of Pinellas Park, and others have been evaluated for their risk to BAP integrity. Risk mitigation measures have been completed per 49CFR195.450. The BAP Risk Analysis has been updated. The Annual Report and National Pipeline Mapping System (NPMS) annual review have been completed. Reviews and evaluations are also being completed for Advisory Bulletins 11-04, 13-02, 15-01, and 15-02, relating to flooding and hurricanes. BAP personnel have participated in US Department of Transportation Pipeline and Hazardous Material Safety Administration (PHMSA), utility owners groups, damage prevention groups, and FDOT workshops and training. Pipeline accidents and PHMSA enforcement actions have been reviewed for conditions that are applicable to the BAP and appropriate changes to BAP practices and procedures have been implemented. Pipeline records are being organized and stored with the conversion to electronic storage now essentially complete.

In 2016, pipeline ownership was transferred from the Fossil Hydro Operations group to Plant Retirement and Demolition, in preparation for pipeline retirement that is expected to occur in 2016. Once retired, the pipeline will be cleaned to remove any remaining oil. Once cleaned, the requirements described above in the PIM program will no longer be required. Cleaning is expected to occur in 2016, with any required demolition activities in 2017. As of the end of 2016, three of the four sub-projects were retired and approved to be amortized over three years - Project 3.1b Pipeline Leak Detection, Project 3.1c Pipeline Controls Upgrade, and Project 3.1d Control Room Management.

The final sub-project 3.1a - Alderman Road Fence was retired June 2017 and approved as a regulatory asset. This was amortized over 26 months, and all four parts of this project are fully amortized as of September 2019.

Project Fiscal Expenditures:

No capital or O&M expenditures are estimated for 2019.

Project Progress Summary:

Projects 3.1b (Pipeline leak Detection), 3.1c (Pipeline Controls Upgrade), and 3.1d (Control Room Management) were retired August 2016. Project 3.1a (Alderman Road Fence) retired June 2017. All are fully amortized as of September 2019.

Project Projections:

No capital or O&M expenditures are estimated for 2020.

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Project Title: Above Ground Storage Tank Secondary Containment
Project No. 4

Project Description:

FDEP Rule 62-761.510(3) states that DEF is required to make improvements to its above ground petroleum storage tanks in order to comply with those provisions. Subsection (d) of the rule requires all internally lined single bottom above ground storage tanks to be upgraded with secondary containment, including secondary containment for piping in contact with the soil. Rule 62-761.500(1)(e) also requires that dike field area containment for pre-1998 tanks be upgraded, if needed, to comply with the requirement.

Project Accomplishments:

DEF has completed work at Debary 1 and 2, Turner 7, Turner 8, Higgins 1, and Bartow 6 as well as Turner P-1 and P-2 piping work.

Project Fiscal Expenditures:

No project expenditures are expected in 2019.

Project Progress Summary:

DEF continually evaluates its compliance program, including project prioritization, schedule and technology applications. Project 4.1a (Turner CTs) retired in March 2016. Consistent with DEF's petition filed August 4, 2016, DEF is treating the unrecovered investments as a regulatory asset, amortizing it over three years beginning April 2016 until fully recovered in 2019, with a return on the return on the unamortized balance.

Project Projections:

No new project expenditures are expected in 2020. Consistent with DEF's August 30, 2019 petition, DEF expects to retire the Avon Park and Higgins combustion turbine plants in 2020. With this retirement, the Above Ground Tank Secondary Containment and CAIR CT assets will also be retired. DEF is proposing to treat the unrecovered investments as a regulatory asset, and amortize them over one year until fully recovered, with a return on the unamortized balance.

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Project Title: Phase II Cooling Water Intake
Project No. 6

Project Description:

Section 316(b) of the Federal Clean Water Act requires that the location, design, construction, and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impact. 33 U.S.C. Section 1326. On 5/19/14, the EPA Administrator signed a final 316(b) rule to protect fish and aquatic life drawn into cooling systems at power plant and factories. The rule aims to minimize impingement (aquatic life pinned against cooling water intake structures) and entrainment (aquatic life drawn into cooling water systems). The regulation became effective on October 14, 2014, 60 days after publication in the Federal Register which was 8/15/14.

EPA's regulation implementing §316(b) of the Clean Water Act for existing facilities was published on August 15, 2014. The regulation aims to minimize adverse environmental impacts to fish and other aquatic organisms from the operation of cooling water intake structures. The regulation became effective October 14, 2014, 60 days after publication in the Federal Register. The regulation primarily applies to existing power generating facilities that commenced construction prior to or on January 17, 2002 and to new units at existing facilities that are built to increase the generating capacity of the facility.

According to the current 316(b) rule, required studies and information submittals will be due with the renewal of the NPDES permit application for permits that expire after July 18, 2018. Permittees with a current NPDES permit that expires before July 18, 2018 may request the FDEP establish an alternative schedule for submitting the required information. This rule is applicable to Anclote, Bartow, Suwannee, and Crystal River North stations.

Project Accomplishments:

DEF is currently evaluating the 316(b) rule to determine potential study requirements, operating and cost impacts to its generating stations. Site specific strategic plans, studies, and implementation plans are under development to ensure compliance with all applicable requirements of the rule.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$717k. 2019 Capital expenditures are estimated to be \$4.4M.

Project Progress Summary:

Initial steps in site specific plan development have been completed. Work continues on plans for implementation, decision milestones, compliance approaches, and study requirements. Procurement of long lead time equipment and material began in 2018, along with selection of contractor services for the Crystal River Project. Contracts were awarded in 2019 for the construction of the Citrus County Combined Cycle Blowdown/Augmentation discharge to the Crystal River North station Cooling Tower Make-up system. Construction of this portion of the project is scheduled to complete in 2019.

Project Projections:

2020 estimated O&M expenditures are \$136k, capital expenditures are \$4.9M.

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Project Title: Integrated Clean Air Compliance Plan - Clean Air Interstate Rule (CAIR)
Project Nos. (7.2, 7.3 & 7.4)

Project Description:

The Clean Air Interstate Rule (CAIR), 40 CFR 24, 262, imposes significant restrictions on emissions of SO₂ and NO_x from power plants in 28 eastern states, including Florida and the District of Columbia. The CAIR rule apportions region-wide SO₂ and NO_x emission reduction requirements to the individual states, and further requires each affected state to revise its State Implementation Plans (SIPs) to include measures necessary to achieve its emission reduction budget within prescribed deadlines.

The Cross-State air pollution Rule (CSAPR) replaced CAIR on 1/1/15. Under the CSAPR, the State of Florida is no longer required to comply with annual emission requirements, only NO_x ozone seasonal limits. The CSAPR requirements took effect in Florida on 5/1/15, the beginning of the ozone season. NO_x emission allowances under CAIR have no value; however, DEF will continue to use its SO₂ emission allowances to comply with the Acid Rain Program. (see Project No. 5 - SO₂ and NO_x Emission Allowances Project Sheet for more information).

The Florida Department of Environmental Protection ("FDEP") Conditions of Certification, dated August 1, 2012, require DEF to evaluate an alternative disposal method of FGD Blowdown wastewater based on results of groundwater monitoring near percolation ponds. DEF is installing a physical/chemical treatment system to treat FGD Blowdown wastewater with discharge to surface water or percolation ponds.

Project Accomplishments:

The FGD Wastewater treatment (WWT) system went in-service February 2019.

Project Fiscal Expenditures:

For 2019, O&M expenditures for CAIR/CAMR – Peaking (Project 7.2) are projected to be \$0. For the CAIR/CAMR Crystal River Program (Project 7.4), O&M is forecasted be \$23.8M. Capital expenditures for CAIR/CAMR Crystal River - Conditions of Certification (Project 7.4) are expected to be \$5.8M.

Project Progress Summary:

DEF continues to comply with the CAIR, CSAPR and the Acid Rain Program. The FGD WWT project will comply with EPA's CCR rule, ELG requirements, and FDEP's Consent Order OCG Case No. 09-3463D, Third Amendment.

Project Projections:

2020 estimated O&M expenditures are \$22.6M.

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Project Title: Best Available Retrofit Technology (BART)
Project No. 7.5

Project Description:

On 5/25/12, the EPA proposed a partial disapproval of Florida's proposed Regional Haze State Implementation Plan (SIP) because the proposed SIP relies on CAIR to satisfy BART requirements for SO₂ and NO_x emissions. CAIR remained in effect while litigation against the Cross State Air Pollution Rule (CSAPR) proceeded, and the EPA incorporated the CSAPR in place of CAIR into Regional Haze SIPs, including Florida. DEF worked with the FDEP to develop specific BART and Reasonable Progress permits for affected units that were incorporated into Florida's revised SIP submittal, which was filed with EPA on 9/17/12. The final BART permit applications for Crystal River fossil units were submitted to EPA on 10/15/12 as a supplement to the 9/17/12 submittal. Permitting was finalized in 2013 with an effective date of January 1, 2014.

Project Accomplishments:

DEF performed required emissions modeling and associated BART analysis for Crystal River 1&2 (CR1&2) and Anclote plants, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications in support of the FDEP's work to amend its SIP as directed by the EPA. Permitting actions were completed in 2013 with the effective date of the CR 1& 2 permit being January 1, 2014.

Project Fiscal Expenditures:

No project expenditures are expected in 2019.

Project Progress Summary:

DEF performed required emissions modeling and associated BART analysis for CR1&2 and Anclote, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications needed in support of the FDEP ongoing work to amend its State Implementation Plan as directed by the EPA. Based on the revised Regional Haze SIP incorporating the provisions of Crystal River's BART permits for SO₂ and NO_x, EPA on 12/10/12 proposed approval of the SIP. In August 2013, EPA finalized the full approval of the SIP. The Crystal River South BART permit became effective on January 1, 2014 and DEF is now operating under the terms of that permit.

Project Projections:

No project expenditures are expected in 2020.

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Project Title: **Arsenic Groundwater Standard**
Project No. 8

Project Description:

On 12/22/01, the EPA adopted a new maximum contaminant level (MCL) for arsenic in drinking water replacing the previous standard of 0.050 mg/L (50 ppb) with a new MCL of 0.010 mg/L (10 ppb). Effective 1/1/05, the FDEP established the USEPA MCL as Florida's drinking water standard. See Rule 62-550 F.A.C. The new standard has compliance implications for land application and water reuse projects in Florida with arsenic ground water monitoring levels above 10 ppb because the drinking water standard has been established as the groundwater standard by Rule 62-520-420(1), F.A.C.

Project Accomplishments:

A Plan of Study (POS) to evaluate the source of arsenic at the site was implemented on November 2011. A POS Addendum that included a leachability study and proposed abandoning one well and installing 3 new wells was implemented in February 2012. An additional Flue Gas Desulfurization (FGD) Wastewater Treatment Study was conducted in May 2013. The results of these studies indicated that Arsenic is naturally occurring in some areas but there is also a contribution from the FGD discharge from the lined treatment pond to the percolation ponds, and from the industrial wastewater from Crystal River Units 1 & 2. These sources are being addressed by the construction of a new FGD wastewater treatment system and retirement of Units 1 & 2, both scheduled to be completed by December 31, 2018.

Additional assessment was initiated in 2016 around the area of ground water wells still exceeding the Arsenic standard of 10 ppb with no clear source of Arsenic identified (MWC-1, MWC-31 and MWC-32). This additional assessment indicated that the source of Arsenic around MWC-31 is related to the former North Ash Pond that was located in that area. Based on that finding, the Consent Order was amended to address that area under 62-780, F.A.C. Remedial Actions, which included additional assessment and submittal of a final assessment report to FDEP in 2018. Results from MWC-1 assessment indicate that the well is not measuring impacts from the industrial wastewater activities at the site and DEF requested to FDEP that the well be replaced by one of the Plan of Study wells. FDEP requested the sampling of all the wells around MWC-1 for a year prior to approval of the change. Assessment around MWC-32 is on-going in 2019.

Project Fiscal Expenditures:

2019 O&M expenditures are expected to be \$150k.

Project Progress Summary:

DEF is evaluating monitoring data and other options to achieve compliance in accordance to Consent Order.

Project Projections:

2020 O&M expenditures are forecasted to be \$1.3M.

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Project Title: Sea Turtle - Coastal Street Lighting
Project No. 9

Project Description:

DEF owns and leases high pressure sodium streetlights throughout its service territory, including areas along the Florida coast. Pursuant to Section 161.163, Florida Statutes, the FDEP, in collaboration with the Florida Fish and Wildlife Conservation Commission (FFWCC) and the U.S. Fish & Wildlife Service (USFWS), has developed a model Sea Turtle lighting ordinance. The model ordinance is used by the local governments to develop and implement ordinances within its jurisdiction. To date, Sea Turtle lighting ordinances have been adopted in Franklin County, Gulf County, City of Mexico Beach in Bay County and Pinellas County, all of which are within DEF's service territory. Since 2004, officials from the various local governments, as well as the FDEP, FFWC, and USFWS, have advised DEF that lighting it owns and leases is affecting turtle nesting areas that fall within the scope of these ordinances. As a result, local governments require DEF to take additional measures to satisfy new criteria being applied to ensure compliance with the sea turtle ordinances.

Project Accomplishments:

DEF continues to work with Franklin County, Gulf County, City of Mexico Beach in Bay County, and Pinellas County to mitigate any potential sea turtle nesting issues by retrofitting existing street lights, placing amber shields on existing HPS street lights and monitoring street lights for effectiveness in complying with sea turtle ordinances.

Project Fiscal Expenditures:

2019 Capital expenditures are estimated to be \$400, O&M expenditures are estimated to be a credit of (\$48k).

Project Progress Summary:

DEF is on schedule with activities identified for this program.

Project Projections:

2020 estimated O&M is \$300, and Capital expenditures are estimated at \$300.

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Project Title: **Underground Storage Tanks**
Project No. 10

Project Description:

FDEP regulations require that underground pollutant storage tanks and small diameter piping be upgraded with secondary containment by 12/31/09. See Rule 62-761.510(5), F.A.C. DEF identified four tanks that must comply with this rule: two at Crystal River Plant and two at Bartow Plant.

Project Accomplishments:

Work on Crystal River and Bartow USTs was completed in 4th Qtr 2006.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF continually evaluates its compliance program, including project prioritization, schedule and technology applications.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: **Modular Cooling Towers**
Project No. 11

Project Description:

This project involves installation and operation of modular cooling towers in the summer months to minimize de-rates of Crystal River 1&2 (CR1&2) necessary to comply with the NPDES permit limit for the temperature of cooling water discharged from the units.

Project Accomplishments:

Vendors of modular cooling towers were evaluated regarding cost of installation and operation. The FDEP reviewed the project and approved operation. A vendor was selected and the towers were installed during the 2nd Qtr 2006.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

The modular cooling towers began operation in June 2006 and successfully minimized de-rates of CR 1&2. The towers were removed during the first half of 2012. This project is complete.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Crystal River Thermal Discharge Compliance Project
Project No. 11.1

Project Description:

This project was to evaluate and implement the best long term solution to maintain compliance with the thermal discharge limit in the FDEP industrial wastewater permit for Crystal River Units 1,2&3 that was being addressed in the short term by the Modular Cooling Towers approved in Docket No. 20060162-EI. Due to DEF's decision to retire CR3, this project is no longer necessary and will not be implemented.

Project Accomplishments:

The study phase of the project was completed with a recommendation to replace the leased modular cooling towers in coordination with the cooling solution for the CR3 Extended Power Uprate (EPU) discharge canal cooling solution. The new cooling tower associated with the CR3 EPU was to be sized to mitigate both increased temperatures from the EPU as well as replace the modular cooling towers, which were removed in 2012. The design contract for the CR3 EPU cooling tower was awarded and a vendor selected. In February 2013, DEF decided to retire CR3; therefore, the project will not proceed.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

Crystal River Units 1,2&3 utilize a once-through cooling water process to cool and condense turbine exhaust steam back to water. The cooling water is removed from the Gulf of Mexico via an intake canal and discharged to a common discharge canal shared by all of the generating units. DEF has a NPDES industrial wastewater permit from the FDEP to discharge this cooling water from CR 1,2&3 into the Gulf of Mexico. The FDEP NPDES permit includes a limit on the temperature of the cooling water discharge (96.5 degrees Fahrenheit on a three-hour rolling average) measured at the point of discharge to the Gulf of Mexico. The new cooling towers were being added as a long term solution to the issue of higher ambient water temperatures previously being addressed by the modular cooling towers and added heat rejection due to the estimated 180MW Uprate of CR3. With the retirement of CR3, the heat rejection associated with the entire unit is removed and therefore the new cooling tower is not necessary for the continued operation of CR 1&2 within the NPDES permit limits.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Greenhouse Gas (GHG) Inventory and Reporting
Project No. 12

Project Description:

The GHG Inventory and Reporting Program was created in response to Chapter 2008-277, Florida Laws, which established the Florida Climate Protection Act to be codified at section 403.44, Florida Statutes. Among other things, this legislation authorizes the FDEP to establish a cap and trade program for GHG emissions from power plants. Utilities subject to the program, including DEF, will be required to use The Climate Registry for purposes of GHG emission registration and reporting. The requirement to report to The Climate Registry was repealed during the 2010 legislative session; however, the EPA GHG Reporting Rule (40 CFR 98) does require DEF to submit 2010 GHG data to the EPA no later than 9/30/2011.

Project Accomplishments:

In 2009, DEF joined The Climate Registry and submitted 2008 GHG inventory data. 2009 data was submitted during the third quarter of 2010. Both 2008 and 2009 data was validated by a third party as required by The Climate Registry. 2010 GHG inventory data was submitted to EPA on 9/30/11 and EPA does not require data validation by a third party. DEF has discontinued its membership with The Climate Registry. Since third party validation is not required by the EPA, no future expenditures will be incurred by DEF, resulting in the completion of this project.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF submits GHG inventory data directly to EPA which does not require third party validation. Membership with The Climate Registry has been discontinued.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Mercury Total Daily Maximum Loads Monitoring (TMDL)
Project No. 13

Project Description:

Section 303(d) of the Federal Clean Water Act requires each state to identify state waters not meeting water quality standards and establish a TMDL for the pollutant or pollutants causing the failure to meet standards. Under a 1999 federal consent decree, TMDLs for over 100 Florida water bodies listed as impaired for mercury must be established by 9/12/12. The FDEP has initiated a research program to provide necessary information for setting appropriate TMDLs for mercury. Among other things, the study will assess the relative contributions of mercury-emitting sources, such as coal-fired power plants, to mercury levels in surface waters.

Project Accomplishments:

Atmospheric & Environmental Research, Inc (AER) completed the literature review on mercury deposition in Florida. This document was sent to the FDEP Division of Air Resource Management and the TMDL team for review in February 2009. In addition, the Florida Electric Power Coordinating Group (FCG) Mercury Task Force met with FDEP Division of Air Resource Management to discuss the review in January 2010. AER performed Florida mercury deposition modeling for the Division of Air Resource Management. The FCG Mercury Task Force contracted with Tetra Tech to conduct aquatic field sampling, including an aquatics modeling report, to develop a "Conceptual Model for the Florida Mercury TMDL." This document was finalized and submitted to the FDEP in December 2010. Key personnel from AER were employed by Environ in 2011 and FCG established a contract with Environ to ensure continuity of the project. FCG used Environ and Tetra Tech to review and critique FDEP's aquatic cycling and atmospheric modeling analyses. The FDEP developed a mercury TMDL report in the spring and summer of 2012, and it proposed a TMDL in September 2012. The EPA approved Florida's statewide mercury TMDL in a letter dated October 18, 2013. Florida's mercury TMDL covers 441 waters listed as impaired for mercury based on fish tissue mercury levels. EPA's approval letter states that if FDEP identifies any new waters to be listed as impaired for mercury, a new TMDL will not be required if the listing is caused by the factors addressed in the approved TMDL. Conversely, a new TMDL, addressing the newly listed water body, would be required if "local emission or effluent sources" are determined to be the cause of the elevated fish tissue levels that required the new listing.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

The mercury TMDL study concluded in 2012.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Hazardous Air Pollutants (HAPs) ICR Program
Project No. 14

Project Description:

In 2009, the EPA initiated efforts to develop an Information Collection Request (ICR), which requires that owners/operators of all coal- and oil-fired electric utility steam generating units provide information that will allow the EPA to assess emissions of hazardous air pollutants from each such unit. The intention of the ICR is to assist the Administrator of the EPA in developing national emission standards for hazardous air pollutants under Section 112(d) of the Clean Air Act, 42 U.S.C. 7412. Pursuant to those efforts, by letter dated 12/24/09, the EPA formally requested DEF comply with certain data collection and emissions testing requirements for several of its steam electric generating units. The EPA letter states that initial submittal of existing information must be made within 90 days, and that the remaining data must be submitted within 8 months. Collection and submittal of the requested information is mandatory under Section 114 of the Clean Air Act, 42 U.S.C. 7414.

Project Accomplishments:

DEF completed and submitted the ICR to EPA during 2010. The HAPS ICR project is complete.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF completed and submitted the ICR to EPA during 2010.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Effluent Limitation Guidelines ICR Program
Project No. 15

Project Description:

The Effluent Limitation Guidelines ICR Program was created in response to Section 304 of the Federal Clean Water Act which directs the EPA to develop and periodically review regulations, called effluent guidelines, to limit the amount of pollutants that are discharged to surface waters from various point source categories. 33 U.S.C. §13 14(b). In October 2009, the EPA announced that it intended to update the effluent guidelines for the steam electric power generating point source category, which were last updated in 1982. DEF is required to complete the ICR and submit responses to the EPA within 90 days. Collection and submittal of the requested information is mandatory under Section 308 of the Clean Water Act.

Project Accomplishments:

DEF completed and submitted the ICR to the EPA in September 2010. The Effluent Limitation Guidelines ICR Program is complete.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF completed and submitted the ICR to EPA in September 2010.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Effluent Limitation Guidelines CRN Program
Project No. 15.1

Project Description:

On September 30th, 2015, U.S. Environmental Protection Agency finalized the Steam Electric Power Generating Effluent Guidelines, 40 CFR Part 423, imposing federal standards on several power plant streams that are discharged to surface water. In the final regulation, closed-loop systems or dry handling have been identified as the Best Available Technology ("BAT") for bottom ash transport water. Crystal River North Units 4 & 5 have a dry bottom ash system that utilizes dewatering bins for separation of bottom ash and water. However, the current configuration has the potential for bottom ash transport water to leave via overflows and drain into an NPDES internal outfall. Achieving the closed loop bottom ash compliance requirement is as soon as possible beginning November 1, 2018 but no later than December 31, 2023. Renewal of the Crystal River Units 4 & 5 NPDES permit is in progress and addresses this requirement. Duke Energy is seeking a compliance date of February 1, 2020 to include modification of the existing system.

Project Accomplishments:

DEF Initiated the first phase of ELG compliance activities necessary to comply with NPDES permit renewal. The remaining project scope is still on hold pending EPA Administrative Stay final decision.

Project Fiscal Expenditures:

The 2019 Capital forecast is \$1.8M.

Project Progress Summary:

The first phase of the project, which involves establishing a line from the Ash Sluice Pump Discharge to the FGD Filtrate tanks, and replace the old Sludge Return Pumps with dry seals, will complete construction in 2019 and closeout will continue into the first quarter 2020.

Project Projections:

2020 estimated O&M expenditures are \$40k, Capital is \$80k.

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Project Title: National Pollutant Discharge Elimination System (NPDES)
Project No. 16

Project Description:

Pursuant to the Federal Clean Water Act, 33 U.S.C. § 1342, all point source discharges to navigable waters from industrial facilities must obtain permits under the NPDES Program. The FDEP administers the NPDES program in Florida. DEF's Anclote, Bartow, and Crystal River North, Crystal River South, and Suwannee NPDES permits were issued on 11/25/2015, 1/5/2016, 7/18/11, 4/7/2014, and 10/6/2016, respectively. Crystal River North NPDES permit is in the renewal process. All facilities are required to meet new permitting conditions. In Docket No. 20110007-EI, the Commission approved recovery of costs associated with new requirements included or expected to be included in the new renewal permits, including: thermal studies, aquatic organism return studies and implementation, whole effluent toxicity testing, dissolved oxygen (DO) studies (Bartow only), and freeboard limitation related studies (Bartow only). As noted in DEF's 2/8/12 program update, on 12/14/11, the FDEP issued a final NPDES renewal permit and associated Administrative Order (AO) for the Suwannee Plant. The AO includes a new requirement to assess copper discharges that DEF did not anticipate when it filed its petition in 2011.

Project Accomplishments:

DEF continues to perform whole effluent toxicity testing, implementing initial 316(b) rule requirements based on NPDES permit schedules at affected facilities which includes literature review and analysis, additional field study, and reporting requirements in accordance to NPDES permit requirements. Bartow freeboard limitation study was completed in May 2011 and submitted to FDEP on 6/23/11. The FDEP approved DEF's corrective action plan and Bartow is in compliance with Administrative Order as of December 2014. The copper discharge study at the Suwannee plant has been completed and a final report was submitted to the FDEP in June 2014 resulting in a corrective action of retiring the steam units. The Suwannee plant retired Units 1, 2 and 3 in December 2016.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$26k. No capital expenditures are forecasted for 2019.

Project Progress Summary:

DEF has begun complying with the requirements of the NPDES permits. Aquatic organism return study requirements have been postponed to align with the final EPA 316(b) rule requirements (Bartow/Anclote Plants) which was published 8/15/14. The aquatic organism return requirement is not a requirement in the Crystal River North NPDES permit. The dissolved oxygen study of cooling water intake and discharge at the Bartow plant was completed and the results of the study demonstrated there is no negative impact on DO due to the plant's operation. The final DO report was submitted to the FDEP on November 20, 2012, and the Department has not required any additional action. The Suwannee Steam station was retired and removed from service; therefore, WET testing is no longer required.

Project Projections:

2020 estimated O&M expenditures are \$25k. No capital expenditures are expected in 2020.

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Project Title: Mercury & Air Toxic Standards (MATS) CR4 & CR5
Project No. 17

Project Description:

The Commission approved ECRC recovery of DEF's costs for compliance with new hazardous air pollutant standards at Crystal River Units 4 & 5 (CR4&5) in Order No. PSC-2011-0553-FOF-EI. The final MATS rule was issued by the EPA on 12/21/11. The FDEP granted a limited, one-year extension for the mercury-related requirements on 3/12/15. DEF will utilize the co-benefits of existing FGD and SCR systems as the primary MATS emission controls. CR4&5 have demonstrated compliance with all MATS requirements as of 4/16/16.

Project Accomplishments:

DEF installed oxidation-reduction potential (ORP) probes and mercury re-emission control systems for MATS emissions control. In addition, continuous emissions monitoring systems (CEMS) were installed for compliance demonstration with particulate matter (PM) and mercury emissions. Appendix K sorbent traps have been certified and maintained to serve as backup monitors for mercury CEMS.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$163K.

Project Progress Summary:

Initial implementation of the CR4&5 MATS compliance plan is complete.

Project Projections:

2020 estimated O&M is \$598k. No capital expenditures are forecasted in 2020.

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TAMPA ELECTRIC COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE

FINAL TRUE-UP AMOUNT FOR THE PERIOD OF
JANUARY 2018 THROUGH DECEMBER 2018

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
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January 2018 to December 2018
(in Dollars)

Form 42 - 1A

<u>Line</u>	<u>Period Amount</u>
1. End of Period Actual True-Up for the Period January 2018 to December 2018 (Form 42-2A, Lines 5 + 6 + 10)	\$15,868,697
2. Actual/Estimated True-Up Amount Approved for the Period January 2018 to December 2018 (Order No. PSC-2018-0594-FOF-EI)	<u>13,472,483</u>
3. Final True-Up to be Refunded/(Recovered) in the Projection Period January 2020 to December 2020 (Lines 1 - 2)	<u>\$2,396,214</u>

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Current Period True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. ECRC Revenues (net of Revenue Taxes)	\$5,299,826	\$4,794,184	\$4,754,839	\$4,804,461	\$5,074,853	\$5,873,006	\$6,515,349	\$6,386,581	\$6,977,367	\$6,319,643	\$5,457,564	\$4,834,504	\$67,092,176
2. True-Up Provision	508,445	508,445	508,445	508,445	508,445	508,445	508,445	508,445	508,445	508,445	508,445	508,449	6,101,344
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	5,808,271	5,302,629	5,263,284	5,312,906	5,583,298	6,381,451	7,023,794	6,895,026	7,485,812	6,828,088	5,966,009	5,342,953	73,193,520
4. Jurisdictional ECRC Costs													
a. O & M Activities (Form 42-5A, Line 9)	1,874,870	2,166,060	1,373,137	959,540	1,185,543	743,043	607,630	(13,927)	92,634	382,949	475,403	1,568,659	11,415,541
b. Capital Investment Projects (Form 42-7A, Line 9)	3,891,399	3,881,400	3,871,486	3,861,845	3,853,401	3,844,545	3,833,437	3,826,357	3,822,587	3,814,988	3,808,563	3,800,493	46,110,501
c. Total Jurisdictional ECRC Costs	5,766,269	6,047,460	5,244,623	4,821,385	5,038,944	4,587,588	4,441,067	3,812,430	3,915,221	4,197,937	4,283,966	5,369,152	57,526,042
5. Over/(Under) Recovery (Line 3 - Line 4c)	42,002	(744,831)	18,661	491,521	544,354	1,793,863	2,582,727	3,082,596	3,570,591	2,630,151	1,682,043	(26,199)	15,667,479
6. Interest Provision (Form 42-3A, Line 10)	9,356	8,341	8,197	8,382	8,410	9,752	12,844	16,701	22,674	29,118	32,771	34,672	201,218
7. Beginning Balance True-Up & Interest Provision	6,101,344	5,644,257	4,399,322	3,917,735	3,909,193	3,953,512	5,248,682	7,335,808	9,926,660	13,011,480	15,162,304	16,368,673	6,101,344
a. Deferred True-Up from January to December 2017 (Order No. PSC-2018-0014-FOF-EI)	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666	1,498,666
8. True-Up Collected/(Refunded) (see Line 2)	(508,445)	(508,445)	(508,445)	(508,445)	(508,445)	(508,445)	(508,445)	(508,445)	(508,445)	(508,445)	(508,445)	(508,449)	(6,101,344)
9. End of Period Total True-Up (Lines 5+6+7+7a+8)	7,142,923	5,897,988	5,416,401	5,407,859	5,452,178	6,747,348	8,834,474	11,425,326	14,510,146	16,660,970	17,867,339	17,367,363	17,367,363
10. Adjustment to Period True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11. End of Period Total True-Up (Lines 9 + 10)	\$7,142,923	\$5,897,988	\$5,416,401	\$5,407,859	\$5,452,178	\$6,747,348	\$8,834,474	\$11,425,326	\$14,510,146	\$16,660,970	\$17,867,339	\$17,367,363	\$17,367,363

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Interest Provision
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. Beginning True-Up Amount (Form 42-2A, Line 7 + 7a + 10)	\$7,600,010	\$7,142,923	\$5,897,988	\$5,416,401	\$5,407,859	\$5,452,178	\$6,747,348	\$8,834,474	\$11,425,326	\$14,510,146	\$16,660,970	\$17,867,339	
2. Ending True-Up Amount Before Interest	7,133,567	5,889,647	5,408,204	5,399,477	5,443,768	6,737,596	8,821,630	11,408,625	14,487,472	16,631,852	17,834,568	17,332,691	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	14,733,577	13,032,570	11,306,192	10,815,878	10,851,627	12,189,774	15,568,978	20,243,099	25,912,798	31,141,998	34,495,538	35,200,030	
4. Average True-Up Amount (Line 3 x 1/2)	7,366,789	6,516,285	5,653,096	5,407,939	5,425,814	6,094,887	7,784,489	10,121,550	12,956,399	15,570,999	17,247,769	17,600,015	
5. Interest Rate (First Day of Reporting Business Month)	1.58%	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	2.21%	2.27%	2.30%	
6. Interest Rate (First Day of Subsequent Business Month)	1.46%	1.62%	1.86%	1.85%	1.86%	1.98%	1.98%	1.98%	2.21%	2.27%	2.30%	2.42%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	3.04%	3.08%	3.48%	3.71%	3.71%	3.84%	3.96%	3.96%	4.19%	4.48%	4.57%	4.72%	
8. Average Interest Rate (Line 7 x 1/2)	1.520%	1.540%	1.740%	1.855%	1.855%	1.920%	1.980%	1.980%	2.095%	2.240%	2.285%	2.360%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.127%	0.128%	0.145%	0.155%	0.155%	0.160%	0.165%	0.165%	0.175%	0.187%	0.190%	0.197%	
10. Interest Provision for the Month (Line 4 x Line 9)	\$9,356	\$8,341	\$8,197	\$8,382	\$8,410	\$9,752	\$12,844	\$16,701	\$22,674	\$29,118	\$32,771	\$34,672	\$201,218

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Form 42 - 4A

Variance Report of O & M Activities
(In Dollars)

Line	(1) Actual	(2) Actual/Estimated Projection	(3) Variance Amount	(4) Percent
1. Description of O&M Activities				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$1,982,785	\$1,894,681	\$88,105	4.7%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	-	-	-	0.0%
c. SO ₂ Emissions Allowances	(126)	(98)	(28)	28.6%
d. Big Bend Units 1 & 2 FGD	496,977	570,804	(73,827)	-12.9%
e. Big Bend PM Minimization and Monitoring	522,301	406,562	115,739	28.5%
f. Big Bend NO _x Emissions Reduction	71,024	78,693	(7,670)	-9.7%
g. NPDES Annual Surveillance Fees	35,883	35,883	-	0.0%
h. Gannon Thermal Discharge Study	-	-	-	0.0%
i. Polk NO _x Emissions Reduction	3,379	5,317	(1,938)	-36.4%
j. Bayside SCR and Ammonia	119,985	111,102	8,882	8.0%
k. Big Bend Unit 4 SOFA	-	-	-	0.0%
l. Big Bend Unit 1 Pre-SCR	8,766	39	8,727	22655.8%
m. Big Bend Unit 2 Pre-SCR	18,270	1,450	16,820	1160.0%
n. Big Bend Unit 3 Pre-SCR	13,938	3,808	10,130	266.0%
o. Clean Water Act Section 316(b) Phase II Study	40,408	74,158	(33,750)	-45.5%
p. Arsenic Groundwater Standard Program	22,246	-	22,246	0.0%
q. Big Bend 1 SCR	110,736	351,102	(240,367)	-68.5%
r. Big Bend 2 SCR	178,964	361,113	(182,149)	-50.4%
s. Big Bend 3 SCR	977,088	1,553,384	(576,296)	-37.1%
t. Big Bend 4 SCR	910,664	651,145	259,519	39.9%
u. Mercury Air Toxics Standards	26,422	24,378	2,044	8.4%
v. Greenhouse Gas Reduction Program	95,974	95,974	-	0.0%
w. Big Bend Gypsum Storage Facility	1,681,138	1,638,273	42,865	2.6%
x. Coal Combustion Residuals (CCR) Rule	68,853	38,250	30,602	80.0%
y. BB ELG Study Program	70,676	54,007	16,669	30.9%
z. CCR Rule - Phase II	3,959,188	4,757,238	(798,049)	-16.8%
2. Total Investment Projects - Recoverable Costs	\$11,415,540	\$12,707,265	(\$1,291,726)	-10.2%
3. Recoverable Costs Allocated to Energy	\$11,317,003	\$12,597,223	(\$1,280,222)	-10.2%
4. Recoverable Costs Allocated to Demand	\$98,537	\$110,042	(\$11,504)	-10.5%

Notes:

Column (1) is the End of Period Totals on Form 42-5A.
Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

O&M Activities
(in Dollars)

Line		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of	Method of Classification		
		January	February	March	April	May	June	July	August	September	October	November	December	Period Total	Demand	Energy
1. Description of O&M Activities																
a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	\$452,214	\$273,733	\$291,066	\$358,824	\$331,130	\$187,714	\$171,202	(\$15,879)	(\$220,353)	\$23,485	\$108,139	\$21,509	\$1,982,785		\$1,982,785
b.	Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0	0	0	0	0	0	0	0	0	0		0
c.	SO ₂ Emissions Allowances	(34)	5	8	(16)	22	(83)	(52)	11	19	(28)	9	13	(126)		(126)
d.	Big Bend Units 1 & 2 FGD	17,413	66,376	55,024	54,100	100,066	19,825	25,482	1,226	40,195	24,776	41,840	50,654	496,977		496,977
e.	Big Bend PM Minimization and Monitoring	52,762	44,712	67,899	54,273	45,912	27,938	52,913	51,451	38,923	44,175	22,268	19,073	522,301		522,301
f.	Big Bend NO _x Emissions Reduction	37	34,122	266	2,757	78	29,434	4,229	96	5	0	0	0	71,024		71,024
g.	NPDES Annual Surveillance Fees	34,500	0	0	0	0	1,383	0	0	0	0	0	0	35,883	\$35,883	
h.	Gannon Thermal Discharge Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i.	Polk NO _x Emissions Reduction	688	853	440	0	0	35	123	929	310	0	0	0	3,379		3,379
j.	Bayside SCR and Ammonia	16,454	3,210	8,560	12,325	3,210	11,843	3,210	20,818	3,210	10,324	13,618	13,203	119,985		119,985
k.	Big Bend Unit 4 SOFA	0	0	0	0	0	0	0	0	0	0	0	0	0		0
l.	Big Bend Unit 1 Pre-SCR	0	0	39	0	0	0	0	0	8,231	46	450	0	8,766		8,766
m.	Big Bend Unit 2 Pre-SCR	635	0	0	815	0	0	0	0	815	16,005	0	0	18,270		18,270
n.	Big Bend Unit 3 Pre-SCR	0	0	0	0	3,714	94	725	0	8,590	0	0	815	13,938		13,938
o.	Clean Water Act Section 316(b) Phase II Study	4,499	14,303	174	21,348	75	9	0	0	0	0	0	0	40,408	40,408	
p.	Arsenic Groundwater Standard Program	0	0	0	0	0	0	0	0	0	0	8,367	13,878	22,246	22,246	
q.	Big Bend 1 SCR	6,481	17,884	1,872	32,717	33,063	11,879	1,506	(122)	3,994	625	558	279	110,736		110,736
r.	Big Bend 2 SCR	3,169	6,772	5,698	54,013	9,514	7,360	4,939	(8,199)	11,811	3,640	8,568	71,679	178,964		178,964
s.	Big Bend 3 SCR	87,037	154,504	254,715	56,598	232,416	110,468	19,789	(12,731)	7,329	24,381	36,754	5,828	977,088		977,088
t.	Big Bend 4 SCR	98,491	89,184	64,303	165,165	82,287	140,296	113,063	(171,414)	103,277	76,627	94,104	55,280	910,664		910,664
u.	Mercury Air Toxics Standards	0	0	7,823	55	0	0	1,523	0	0	1,864	0	15,158	26,422		26,422
v.	Greenhouse Gas Reduction Program	2,825	0	0	0	93,149	0	0	0	0	0	0	0	95,974		95,974
w.	Big Bend Gypsum Storage Facility (East 40)	163,867	110,837	59,289	124,795	239,532	159,952	175,664	121,454	86,278	149,452	110,909	179,107	1,681,138		1,681,138
x.	Coal Combustion Residuals (CCR) Rule - Phase I	(3,500)	14,103	14,033	1,844	9,875	1,895	22,821	(1,568)	0	1,399	4,847	3,104	68,853		68,853
y.	BB ELG Study Program	0	11,472	0	9,832	0	32,703	10,493	0	0	6,176	0	0	70,676		70,676
z.	Coal Combustion Residuals (CCR) Rule - Phase II	937,333	1,323,990	541,927	10,095	1,500	297	0	0	0	0	24,970	1,119,078	3,959,188		3,959,188
2. Total of O&M Activities		1,874,870	2,166,060	1,373,137	959,540	1,185,543	743,043	607,630	(13,927)	92,634	382,949	475,403	1,568,659	11,415,540	\$98,537	\$11,317,003
3. Recoverable Costs Allocated to Energy		1,835,871	2,151,757	1,372,963	938,192	1,185,468	741,650	607,630	(13,927)	92,634	382,949	467,036	1,554,781	11,317,003		
4. Recoverable Costs Allocated to Demand		38,999	14,303	174	21,348	75	1,393	0	0	0	0	8,367	13,878	98,537		
5. Retail Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6. Retail Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
7. Jurisdictional Energy Recoverable Costs (A)		1,835,871	2,151,757	1,372,963	938,192	1,185,468	741,650	607,630	(13,927)	92,634	382,949	467,036	1,554,781	11,317,004		
8. Jurisdictional Demand Recoverable Costs (B)		38,999	14,303	174	21,348	75	1,393	0	0	0	0	8,367	13,878	98,537		
9. Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)		\$1,874,870	\$2,166,060	\$1,373,137	\$959,540	\$1,185,543	\$743,043	\$607,630	(\$13,927)	92,634	382,949	\$475,403	\$1,568,659	\$11,415,541		

ECRC 2018 EXHIBIT PART 2

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Form 42 - 6A

Variance Report of Capital Investment Projects - Recoverable Costs
(In Dollars)

Line	(1) Actual	(2) Actual/Estimated Projection	(3) Variance Amount	(4) Percent
1. Description of Investment Projects				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$960,471	\$960,463	\$8	0.0%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	249,611	249,611	0	0.0%
c. Big Bend Unit 4 Continuous Emissions Monitors	51,105	51,105	0	0.0%
d. Big Bend Fuel Oil Tank # 1 Upgrade	55,001	55,001	0	0.0%
e. Big Bend Fuel Oil Tank # 2 Upgrade	90,462	90,462	0	0.0%
f. Big Bend Unit 1 Classifier Replacement	80,406	80,406	0	0.0%
g. Big Bend Unit 2 Classifier Replacement	58,125	58,125	0	0.0%
h. Big Bend Section 114 Mercury Testing Platform	8,562	8,562	0	0.0%
i. Big Bend Units 1 & 2 FGD	6,053,894	6,053,894	0	0.0%
j. Big Bend FGD Optimization and Utilization	1,550,384	1,554,567	(4,183)	-0.3%
k. Big Bend NO _x Emissions Reduction	499,286	499,286	0	0.0%
l. Big Bend PM Minimization and Monitoring	1,809,209	1,809,209	0	0.0%
m. Polk NO _x Emissions Reduction	113,289	113,289	0	0.0%
n. Big Bend Unit 4 SOFA	198,213	198,213	0	0.0%
o. Big Bend Unit 1 Pre-SCR	137,625	137,625	0	0.0%
p. Big Bend Unit 2 Pre-SCR	130,774	130,774	0	0.0%
q. Big Bend Unit 3 Pre-SCR	233,143	233,143	0	0.0%
r. Big Bend Unit 1 SCR	7,861,924	7,960,376	(98,452) *	-1.2%
s. Big Bend Unit 2 SCR	8,523,404	8,407,010	116,394 *	1.4%
t. Big Bend Unit 3 SCR	6,968,871	6,968,871	0	0.0%
u. Big Bend Unit 4 SCR	5,419,305	5,420,387	(1,082)	0.0%
v. Big Bend FGD System Reliability	2,080,754	2,080,400	354	0.0%
w. Mercury Air Toxics Standards	816,171	824,496	(8,325)	-1.0%
x. SO ₂ Emissions Allowances	(2,595)	(2,601)	6	-0.2%
y. Big Bend Gypsum Storage Facility	2,073,526	2,073,526	0	0.0%
z. Big Bend Coal Combustion Residual Rule (CCR Rule)	83,375	130,502	(47,127)	-36.1%
aa. Coal Combustion Residuals (CCR-Phase II)	6,040	2,299	3,741	162.7%
ab. Big Bend Effluent Limitations Guidelines (ELG)	166	1,411	(1,245)	-88.2%
ac. Big Bend Unit 1 Section 316(b) Impingement Mortality	0	38,927	(38,927)	-100.0%
2. Total Investment Projects - Recoverable Costs	\$46,110,501	\$46,189,339	(\$78,838)	-0.2%
3. Recoverable Costs Allocated to Energy	\$45,875,457	\$45,870,737	\$4,720	0.0%
4. Recoverable Costs Allocated to Demand	\$235,044	\$318,602	(\$83,558)	-26.2%

Notes:

Column (1) is the End of Period Totals on Form 42-7A.
Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI.
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)
*Substantially relates to an accounting adjustment to reassign costs from Unit1 to Unit 2.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Form 42-7A

Capital Investment Projects-Recoverable Costs
(in Dollars)

Line	Description (A)		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total	Method of Classification Demand	Energy
1. a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	1	\$81,171	\$80,989	\$80,808	\$80,626	\$80,445	\$80,262	\$79,812	\$79,633	\$79,453	\$79,271	\$79,091	\$78,910	\$960,471		\$960,471
b.	Big Bend Units 1 and 2 Flue Gas Conditioning	2	21,372	21,270	21,168	21,066	20,965	20,863	20,737	20,636	20,535	20,434	20,333	20,232	249,611		249,611
c.	Big Bend Unit 4 Continuous Emissions Monitors	3	4,344	4,330	4,314	4,300	4,285	4,271	4,247	4,232	4,217	4,203	4,188	4,174	51,105		51,105
d.	Big Bend Fuel Oil Tank # 1 Upgrade	4	2,815	2,806	2,796	2,787	2,778	2,770	6,455	6,423	6,391	6,359	6,326	6,295	55,001	\$55,001	
e.	Big Bend Fuel Oil Tank # 2 Upgrade	5	4,629	4,614	4,600	4,584	4,570	4,555	10,617	10,565	10,512	10,458	10,405	10,353	90,462	90,462	
f.	Big Bend Unit 1 Classifier Replacement	6	6,859	6,830	6,803	6,775	6,748	6,720	6,681	6,653	6,625	6,598	6,571	6,543	80,406		80,406
g.	Big Bend Unit 2 Classifier Replacement	7	4,954	4,934	4,915	4,896	4,877	4,858	4,829	4,811	4,791	4,772	4,754	4,734	58,125		58,125
h.	Big Bend Section 114 Mercury Testing Platform	8	725	722	721	719	717	716	712	709	708	706	704	703	8,562		8,562
i.	Big Bend Units 1 & 2 FGD	9	514,191	512,541	510,891	509,241	507,592	505,942	503,019	501,378	499,737	498,095	496,454	494,813	6,053,894		6,053,894
j.	Big Bend FGD Optimization and Utilization	10	126,787	126,722	126,660	126,988	128,308	129,440	129,553	131,230	131,372	131,394	131,104	130,826	1,550,384		1,550,384
k.	Big Bend NO _x Emissions Reduction	11	42,042	41,978	41,914	41,850	41,785	41,721	41,493	41,428	41,364	41,301	41,237	41,173	499,286		499,286
l.	Big Bend PM Minimization and Monitoring	12	153,110	152,726	152,343	151,960	151,576	151,193	150,337	149,956	149,574	149,193	148,811	148,430	1,809,209		1,809,209
m.	Polk NO _x Emissions Reduction	13	9,607	9,579	9,551	9,524	9,496	9,467	9,414	9,385	9,358	9,331	9,302	9,275	113,289		113,289
n.	Big Bend Unit 4 SOFA	14	16,766	16,725	16,685	16,645	16,604	16,565	16,471	16,431	16,391	16,350	16,310	16,270	198,213		198,213
o.	Big Bend Unit 1 Pre-SCR	15	11,675	11,640	11,605	11,571	11,536	11,502	11,435	11,401	11,366	11,332	11,298	11,264	137,625		137,625
p.	Big Bend Unit 2 Pre-SCR	16	11,082	11,051	11,021	10,990	10,959	10,929	10,867	10,836	10,806	10,775	10,744	10,714	130,774		130,774
q.	Big Bend Unit 3 Pre-SCR	17	19,734	19,684	19,634	19,583	19,533	19,484	19,373	19,324	19,273	19,224	19,173	19,124	233,143		233,143
r.	Big Bend Unit 1 SCR	18	670,700	664,461	662,513	660,566	658,619	656,671	652,908	650,972	649,034	647,097	645,160	643,223	7,861,924		7,861,924
s.	Big Bend Unit 2 SCR	19	716,560	718,913	716,974	715,035	713,096	711,157	707,109	705,181	707,781	705,823	703,866	701,909	8,523,404		8,523,404
t.	Big Bend Unit 3 SCR	20	590,325	588,737	587,150	585,562	583,973	582,386	579,071	577,492	575,913	574,333	572,754	571,175	6,968,871		6,968,871
u.	Big Bend Unit 4 SCR	21	456,706	455,523	454,342	453,169	452,014	450,873	448,357	448,367	448,407	448,907	451,055	451,585	5,419,305		5,419,305
v.	Big Bend FGD System Reliability	22	175,463	175,139	174,817	174,494	174,170	173,847	172,882	172,560	172,239	171,934	171,630	171,579	2,080,754		2,080,754
w.	Mercury Air Toxics Standards	23	68,615	68,478	68,407	68,337	68,454	68,315	67,934	67,795	67,656	67,518	67,379	67,283	816,171		816,171
x.	SO ₂ Emissions Allowances (B)	24	(218)	(218)	(218)	(217)	(217)	(217)	(215)	(215)	(215)	(215)	(215)	(215)	(2,595)		(2,595)
y.	Big Bend Gypsum Storage Facility	25	174,907	174,580	174,253	173,927	173,600	173,274	172,310	171,985	171,660	171,335	171,010	170,685	2,073,526		2,073,526
z.	Big Bend Coal Combustion Residual Rule (CCR Rule)	26	6,478	6,646	6,816	6,860	6,907	6,960	6,988	7,015	7,068	7,149	7,205	7,283	83,375	83,375	
aa.	Coal Combustion Residuals (CCR-Phase II)	27	0	0	3	7	11	21	41	174	561	1,285	1,867	2,070	6,040	6,040	
ab.	Big Bend Effluent Limitations Guidelines (ELG)	28	0	0	0	0	0	0	0	0	0	10	26	47	83	166	
ac.	Big Bend Unit 1 Impingement Mortality - 316(b)	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2.	Total Investment Projects - Recoverable Costs		3,891,399	3,881,400	3,871,486	3,861,845	3,853,401	3,844,545	3,833,437	3,826,357	3,822,587	3,814,988	3,808,563	3,800,493	46,110,501	\$235,044	\$45,875,457
3.	Recoverable Costs Allocated to Energy		3,877,477	3,867,334	3,857,271	3,847,607	3,839,135	3,830,239	3,809,336	3,802,180	3,798,045	3,789,711	3,782,713	3,774,409	45,875,457		45,875,457
4.	Recoverable Costs Allocated to Demand		13,922	14,066	14,215	14,238	14,266	14,306	24,101	24,177	24,542	25,277	25,850	26,084	235,044	235,044	
5.	Retail Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6.	Retail Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
7.	Jurisdictional Energy Recoverable Costs (C)		3,877,477	3,867,334	3,857,271	3,847,607	3,839,135	3,830,239	3,809,336	3,802,180	3,798,045	3,789,711	3,782,713	3,774,409	45,875,457		
8.	Jurisdictional Demand Recoverable Costs (D)		13,922	14,066	14,215	14,238	14,266	14,306	24,101	24,177	24,542	25,277	25,850	26,084	235,044		
9.	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)		\$3,891,399	\$3,881,400	\$3,871,486	\$3,861,845	\$3,853,401	\$3,844,545	\$3,833,437	\$3,826,357	\$3,822,587	\$3,814,988	\$3,808,563	\$3,800,493	\$46,110,501		

Notes:

- (A) Each project's Total System Recoverable Expenses on Form 42-8A, Line 9
(B) Project's Total Return Component on Form 42-8A, Line 6
(C) Line 3 x Line 5
(D) Line 4 x Line 6

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 Flue Gas Desulfurization Integration
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$182	\$0	\$0	\$0	\$0	\$0	\$182
b.	Clearings to Plant		0	0	0	0	0	0	182	0	0	0	0	0	182
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$13,763,081	\$13,763,081	\$13,763,081	\$13,763,081	\$13,763,081	\$13,763,081	\$13,763,081	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	
3.	Less: Accumulated Depreciation	(5,440,288)	(5,469,125)	(5,497,962)	(5,526,799)	(5,555,636)	(5,584,473)	(5,613,310)	(5,642,147)	(5,670,985)	(5,699,823)	(5,728,661)	(5,757,499)	(5,786,337)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$8,322,793</u>	<u>8,293,956</u>	<u>8,265,119</u>	<u>8,236,282</u>	<u>8,207,445</u>	<u>8,178,608</u>	<u>8,149,771</u>	<u>8,121,116</u>	<u>8,092,278</u>	<u>8,063,440</u>	<u>8,034,602</u>	<u>8,005,764</u>	<u>7,976,926</u>	
6.	Average Net Investment		8,308,375	8,279,538	8,250,701	8,221,864	8,193,027	8,164,190	8,135,444	8,106,697	8,077,859	8,049,021	8,020,183	7,991,345	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		39,900	39,761	39,623	39,484	39,346	39,207	39,352	39,213	39,074	38,934	38,795	38,655	\$471,344
b.	Debt Component Grossed Up For Taxes (C)		12,434	12,391	12,348	12,305	12,262	12,218	11,623	11,582	11,541	11,499	11,458	11,417	143,078
8.	Investment Expenses														
a.	Depreciation (D)		28,837	28,837	28,837	28,837	28,837	28,837	28,837	28,838	28,838	28,838	28,838	28,838	346,049
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		81,171	80,989	80,808	80,626	80,445	80,262	79,812	79,633	79,453	79,271	79,091	78,910	960,471
a.	Recoverable Costs Allocated to Energy		81,171	80,989	80,808	80,626	80,445	80,262	79,812	79,633	79,453	79,271	79,091	78,910	960,471
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		81,171	80,989	80,808	80,626	80,445	80,262	79,812	79,633	79,453	79,271	79,091	78,910	960,471
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$81,171</u>	<u>\$80,989</u>	<u>\$80,808</u>	<u>\$80,626</u>	<u>\$80,445</u>	<u>\$80,262</u>	<u>\$79,812</u>	<u>\$79,633</u>	<u>\$79,453</u>	<u>\$79,271</u>	<u>\$79,091</u>	<u>\$78,910</u>	<u>\$960,471</u>

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$13,435,775), 315.45 (\$327,307), and 312.40 (\$182)
(B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
(D) Applicable depreciation rates are 2.5%, 3.1%, and 3.4%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Units 1 and 2 Flue Gas Conditioning
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	
3.	Less: Accumulated Depreciation	(4,179,278)	(4,195,419)	(4,211,560)	(4,227,701)	(4,243,842)	(4,259,983)	(4,276,124)	(4,292,265)	(4,308,406)	(4,324,547)	(4,340,688)	(4,356,829)	(4,372,970)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$838,456	822,315	806,174	790,033	773,892	757,751	741,610	725,469	709,328	693,187	677,046	660,905	644,764	
6.	Average Net Investment		830,386	814,245	798,104	781,963	765,822	749,681	733,540	717,399	701,258	685,117	668,976	652,835	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		3,988	3,910	3,833	3,755	3,678	3,600	3,548	3,470	3,392	3,314	3,236	3,158	\$42,882
b.	Debt Component Grossed Up For Taxes (C)		1,243	1,219	1,194	1,170	1,146	1,122	1,048	1,025	1,002	979	956	933	13,037
8.	Investment Expenses														
a.	Depreciation (D)		16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	193,692
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		21,372	21,270	21,168	21,066	20,965	20,863	20,737	20,636	20,535	20,434	20,333	20,232	249,611
a.	Recoverable Costs Allocated to Energy		21,372	21,270	21,168	21,066	20,965	20,863	20,737	20,636	20,535	20,434	20,333	20,232	249,611
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		21,372	21,270	21,168	21,066	20,965	20,863	20,737	20,636	20,535	20,434	20,333	20,232	249,611
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$21,372	\$21,270	\$21,168	\$21,066	\$20,965	\$20,863	\$20,737	\$20,636	\$20,535	\$20,434	\$20,333	\$20,232	\$249,611

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$2,676,217) and 312.42 (\$2,341,517)
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 4.0% and 3.7%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Form 42-8A
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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 Continuous Emissions Monitors
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	
3.	Less: Accumulated Depreciation	(542,165)	(544,475)	(546,785)	(549,095)	(551,405)	(553,715)	(556,025)	(558,335)	(560,645)	(562,955)	(565,265)	(567,575)	(569,885)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$324,046	321,736	319,426	317,116	314,806	312,496	310,186	307,876	305,566	303,256	300,946	298,636	296,326	
6.	Average Net Investment		322,891	320,581	318,271	315,961	313,651	311,341	309,031	306,721	304,411	302,101	299,791	297,481	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		1,551	1,540	1,528	1,517	1,506	1,495	1,495	1,484	1,472	1,461	1,450	1,439	\$17,938
b.	Debt Component Grossed Up For Taxes (C)		483	480	476	473	469	466	442	438	435	432	428	425	5,447
8.	Investment Expenses														
a.	Depreciation (D)		2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	27,720
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		4,344	4,330	4,314	4,300	4,285	4,271	4,247	4,232	4,217	4,203	4,188	4,174	51,105
a.	Recoverable Costs Allocated to Energy		4,344	4,330	4,314	4,300	4,285	4,271	4,247	4,232	4,217	4,203	4,188	4,174	51,105
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		4,344	4,330	4,314	4,300	4,285	4,271	4,247	4,232	4,217	4,203	4,188	4,174	51,105
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,344	\$4,330	\$4,314	\$4,300	\$4,285	\$4,271	\$4,247	\$4,232	\$4,217	\$4,203	\$4,188	\$4,174	\$51,105

Notes:

- (A) Applicable depreciable base for Big Bend; account 315.44
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 3.2%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Fuel Oil Tank # 1 Upgrade
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	
3.	Less: Accumulated Depreciation	(273,952)	(275,362)	(276,772)	(278,182)	(279,592)	(281,002)	(282,412)	(287,535)	(292,658)	(297,781)	(302,904)	(308,027)	(313,150)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$223,626</u>	<u>222,216</u>	<u>220,806</u>	<u>219,396</u>	<u>217,986</u>	<u>216,576</u>	<u>215,166</u>	<u>210,043</u>	<u>204,920</u>	<u>199,797</u>	<u>194,674</u>	<u>189,551</u>	<u>184,428</u>	
6.	Average Net Investment		222,921	221,511	220,101	218,691	217,281	215,871	212,605	207,482	202,359	197,236	192,113	186,990	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		1,071	1,064	1,057	1,050	1,043	1,037	1,028	1,004	979	954	929	905	\$12,121
b.	Debt Component Grossed Up For Taxes (C)		334	332	329	327	325	323	304	296	289	282	274	267	3,682
8.	Investment Expenses														
a.	Depreciation (D)		1,410	1,410	1,410	1,410	1,410	1,410	5,123	5,123	5,123	5,123	5,123	5,123	39,198
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		2,815	2,806	2,796	2,787	2,778	2,770	6,455	6,423	6,391	6,359	6,326	6,295	55,001
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		2,815	2,806	2,796	2,787	2,778	2,770	6,455	6,423	6,391	6,359	6,326	6,295	55,001
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		2,815	2,806	2,796	2,787	2,778	2,770	6,455	6,423	6,391	6,359	6,326	6,295	55,001
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$2,815</u>	<u>\$2,806</u>	<u>\$2,796</u>	<u>\$2,787</u>	<u>\$2,778</u>	<u>\$2,770</u>	<u>\$6,455</u>	<u>\$6,423</u>	<u>\$6,391</u>	<u>\$6,359</u>	<u>\$6,326</u>	<u>\$6,295</u>	<u>\$55,001</u>

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.40
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 12.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Fuel Oil Tank # 2 Upgrade
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	
3.	Less: Accumulated Depreciation	(450,592)	(452,911)	(455,230)	(457,549)	(459,868)	(462,187)	(464,506)	(472,932)	(481,358)	(489,784)	(498,210)	(506,636)	(515,062)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$367,809	365,490	363,171	360,852	358,533	356,214	353,895	345,469	337,043	328,617	320,191	311,765	303,339	
6.	Average Net Investment		366,650	364,331	362,012	359,693	357,374	355,055	349,682	341,256	332,830	324,404	315,978	307,552	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		1,761	1,750	1,739	1,727	1,716	1,705	1,691	1,651	1,610	1,569	1,528	1,488	\$19,935
b.	Debt Component Grossed Up For Taxes (C)		549	545	542	538	535	531	500	488	476	463	451	439	6,057
8.	Investment Expenses														
a.	Depreciation (D)		2,319	2,319	2,319	2,319	2,319	2,319	8,426	8,426	8,426	8,426	8,426	8,426	64,470
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		4,629	4,614	4,600	4,584	4,570	4,555	10,617	10,565	10,512	10,458	10,405	10,353	90,462
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		4,629	4,614	4,600	4,584	4,570	4,555	10,617	10,565	10,512	10,458	10,405	10,353	90,462
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		4,629	4,614	4,600	4,584	4,570	4,555	10,617	10,565	10,512	10,458	10,405	10,353	90,462
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,629	\$4,614	\$4,600	\$4,584	\$4,570	\$4,555	\$10,617	\$10,565	\$10,512	\$10,458	\$10,405	\$10,353	\$90,462

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.40
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 12.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Classifier Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	
3.	Less: Accumulated Depreciation	(921,848)	(926,236)	(930,624)	(935,012)	(939,400)	(943,788)	(948,176)	(952,564)	(956,952)	(961,340)	(965,728)	(970,116)	(974,504)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$394,409	390,021	385,633	381,245	376,857	372,469	368,081	363,693	359,305	354,917	350,529	346,141	341,753	
6.	Average Net Investment		392,215	387,827	383,439	379,051	374,663	370,275	365,887	361,499	357,111	352,723	348,335	343,947	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		1,884	1,862	1,841	1,820	1,799	1,778	1,770	1,749	1,727	1,706	1,685	1,664	\$21,285
b.	Debt Component Grossed Up For Taxes (C)		587	580	574	567	561	554	523	516	510	504	498	491	6,465
8.	Investment Expenses														
a.	Depreciation (D)		4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	52,656
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		6,859	6,830	6,803	6,775	6,748	6,720	6,681	6,653	6,625	6,598	6,571	6,543	80,406
a.	Recoverable Costs Allocated to Energy		6,859	6,830	6,803	6,775	6,748	6,720	6,681	6,653	6,625	6,598	6,571	6,543	80,406
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		6,859	6,830	6,803	6,775	6,748	6,720	6,681	6,653	6,625	6,598	6,571	6,543	80,406
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$6,859	\$6,830	\$6,803	\$6,775	\$6,748	\$6,720	\$6,681	\$6,653	\$6,625	\$6,598	\$6,571	\$6,543	\$80,406

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.41
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 4.0%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 2 Classifier Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	
3.	Less: Accumulated Depreciation	(678,870)	(681,906)	(684,942)	(687,978)	(691,014)	(694,050)	(697,086)	(700,122)	(703,158)	(706,194)	(709,230)	(712,266)	(715,302)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$305,924	302,888	299,852	296,816	293,780	290,744	287,708	284,672	281,636	278,600	275,564	272,528	269,492	
6.	Average Net Investment		304,406	301,370	298,334	295,298	292,262	289,226	286,190	283,154	280,118	277,082	274,046	271,010	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		1,462	1,447	1,433	1,418	1,404	1,389	1,384	1,370	1,355	1,340	1,326	1,311	\$16,639
b.	Debt Component Grossed Up For Taxes (C)		456	451	446	442	437	433	409	405	400	396	392	387	5,054
8.	Investment Expenses														
a.	Depreciation (D)		3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	36,432
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		4,954	4,934	4,915	4,896	4,877	4,858	4,829	4,811	4,791	4,772	4,754	4,734	58,125
a.	Recoverable Costs Allocated to Energy		4,954	4,934	4,915	4,896	4,877	4,858	4,829	4,811	4,791	4,772	4,754	4,734	58,125
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		4,954	4,934	4,915	4,896	4,877	4,858	4,829	4,811	4,791	4,772	4,754	4,734	58,125
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
15.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,954	\$4,934	\$4,915	\$4,896	\$4,877	\$4,858	\$4,829	\$4,811	\$4,791	\$4,772	\$4,754	\$4,734	\$58,125

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.42
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 3.7%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Section 114 Mercury Testing Platform
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	
3.	Less: Accumulated Depreciation	(51,907)	(52,199)	(52,491)	(52,783)	(53,075)	(53,367)	(53,659)	(53,951)	(54,243)	(54,535)	(54,827)	(55,119)	(55,411)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$68,830	68,538	68,246	67,954	67,662	67,370	67,078	66,786	66,494	66,202	65,910	65,618	65,326	
6.	Average Net Investment		68,684	68,392	68,100	67,808	67,516	67,224	66,932	66,640	66,348	66,056	65,764	65,472	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		330	328	327	326	324	323	324	322	321	320	318	317	\$3,880
b.	Debt Component Grossed Up For Taxes (C)		103	102	102	101	101	101	96	95	95	94	94	94	1,178
8.	Investment Expenses														
a.	Depreciation (D)		292	292	292	292	292	292	292	292	292	292	292	292	3,504
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		725	722	721	719	717	716	712	709	708	706	704	703	8,562
a.	Recoverable Costs Allocated to Energy		725	722	721	719	717	716	712	709	708	706	704	703	8,562
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		725	722	721	719	717	716	712	709	708	706	704	703	8,562
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$725	\$722	\$721	\$719	\$717	\$716	\$712	\$709	\$708	\$706	\$704	\$703	\$8,562

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.40
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 2.9%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Units 1 and 2 FGD
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	
3.	Less: Accumulated Depreciation	(55,074,209)	(55,336,128)	(55,598,047)	(55,859,966)	(56,121,885)	(56,383,804)	(56,645,723)	(56,907,642)	(57,169,561)	(57,431,480)	(57,693,399)	(57,955,318)	(58,217,237)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$40,181,033	39,919,114	39,657,195	39,395,276	39,133,357	38,871,438	38,609,519	38,347,600	38,085,681	37,823,762	37,561,843	37,299,924	37,038,005	
6.	Average Net Investment		40,050,073	39,788,154	39,526,235	39,264,316	39,002,397	38,740,478	38,478,559	38,216,640	37,954,721	37,692,802	37,430,883	37,168,964	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		192,334	191,076	189,818	188,560	187,303	186,045	186,127	184,860	183,593	182,326	181,059	179,792	\$2,232,893
b.	Debt Component Grossed Up For Taxes (C)		59,938	59,546	59,154	58,762	58,370	57,978	54,973	54,599	54,225	53,850	53,476	53,102	677,973
8.	Investment Expenses														
a.	Depreciation (D)		261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	3,143,028
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		514,191	512,541	510,891	509,241	507,592	505,942	503,019	501,378	499,737	498,095	496,454	494,813	6,053,894
a.	Recoverable Costs Allocated to Energy		514,191	512,541	510,891	509,241	507,592	505,942	503,019	501,378	499,737	498,095	496,454	494,813	6,053,894
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		514,191	512,541	510,891	509,241	507,592	505,942	503,019	501,378	499,737	498,095	496,454	494,813	6,053,894
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$514,191	\$512,541	\$510,891	\$509,241	\$507,592	\$505,942	\$503,019	\$501,378	\$499,737	\$498,095	\$496,454	\$494,813	\$6,053,894

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$105,398), 312.46 (\$94,929,061) & 315.46 (\$220,782)
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 2.5%, 3.3% and 3.5%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend FGD Optimization and Utilization
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$29,435	\$7,632	\$61,810	\$126,316	\$377,714	\$71,808	\$132,187	\$57,921	\$11,863	\$9	\$1,313	\$3,050	\$881,059
b.	Clearings to Plant		29,435	1,397	11,362	8,774	799	92,026	525,270	86,788	103,939	1,447	1,313	3,050	865,599
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$21,739,737	\$21,769,172	\$21,770,569	\$21,781,931	\$21,790,705	\$21,791,504	\$21,883,530	\$22,408,799	\$22,495,588	\$22,599,526	\$22,600,973	\$22,602,286	\$22,605,336	
3.	Less: Accumulated Depreciation	(8,790,925)	(8,836,199)	(8,881,576)	(8,926,958)	(8,972,362)	(9,017,784)	(9,063,208)	(9,108,833)	(9,155,830)	(9,203,046)	(9,250,543)	(9,298,044)	(9,345,550)	
4.	CWIP - Non-Interest Bearing	0	0	6,235	56,684	174,226	551,140	530,923	137,840	108,973	16,897	15,459	15,459	15,459	
5.	Net Investment (Lines 2 + 3 + 4)	\$12,948,812	12,932,973	12,895,228	12,911,657	12,992,568	13,324,860	13,351,245	13,437,807	13,448,730	13,413,377	13,365,889	13,319,702	13,275,246	
6.	Average Net Investment		12,940,893	12,914,101	12,903,443	12,952,112	13,158,714	13,338,053	13,394,526	13,443,268	13,431,054	13,389,633	13,342,796	13,297,474	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		62,146	62,018	61,967	62,200	63,193	64,054	64,792	65,027	64,968	64,768	64,541	64,322	\$763,996
b.	Debt Component Grossed Up For Taxes (C)		19,367	19,327	19,311	19,384	19,693	19,962	19,136	19,206	19,188	19,129	19,062	18,998	231,763
8.	Investment Expenses														
a.	Depreciation (D)		45,274	45,377	45,382	45,404	45,422	45,424	45,625	46,997	47,216	47,497	47,501	47,506	554,625
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		126,787	126,722	126,660	126,988	128,308	129,440	129,553	131,230	131,372	131,394	131,104	130,826	1,550,384
a.	Recoverable Costs Allocated to Energy		126,787	126,722	126,660	126,988	128,308	129,440	129,553	131,230	131,372	131,394	131,104	130,826	1,550,384
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		126,787	126,722	126,660	126,988	128,308	129,440	129,553	131,230	131,372	131,394	131,104	130,826	1,550,384
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$126,787	\$126,722	\$126,660	\$126,988	\$128,308	\$129,440	\$129,553	\$131,230	\$131,372	\$131,394	\$131,104	\$130,826	\$1,550,384

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$21,855,886), 311.45 (\$40,016), 316.40 (\$70,791), 315.45 (\$561,754), 312.42 (\$1,637), and 312.40 (\$75,252)
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 2.5%, 2.0%, 4.2%, 3.1%, 3.7%, and 3.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend NO_x Emissions Reduction
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	
3.	Less: Accumulated Depreciation	1,871,979	1,861,795	1,851,611	1,841,427	1,831,243	1,821,059	1,810,875	1,800,691	1,790,507	1,780,323	1,770,139	1,759,955	1,749,771	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$5,062,831	5,052,647	5,042,463	5,032,279	5,022,095	5,011,911	5,001,727	4,991,543	4,981,359	4,971,175	4,960,991	4,950,807	4,940,623	
6.	Average Net Investment		5,057,739	5,047,555	5,037,371	5,027,187	5,017,003	5,006,819	4,996,635	4,986,451	4,976,267	4,966,083	4,955,899	4,945,715	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		24,289	24,240	24,191	24,142	24,093	24,044	24,170	24,120	24,071	24,022	23,973	23,923	\$289,278
b.	Debt Component Grossed Up For Taxes (C)		7,569	7,554	7,539	7,524	7,508	7,493	7,139	7,124	7,109	7,095	7,080	7,066	87,800
8.	Investment Expenses														
a.	Depreciation (D)		10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	122,208
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		42,042	41,978	41,914	41,850	41,785	41,721	41,493	41,428	41,364	41,301	41,237	41,173	499,286
a.	Recoverable Costs Allocated to Energy		42,042	41,978	41,914	41,850	41,785	41,721	41,493	41,428	41,364	41,301	41,237	41,173	499,286
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		42,042	41,978	41,914	41,850	41,785	41,721	41,493	41,428	41,364	41,301	41,237	41,173	499,286
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$42,042	\$41,978	\$41,914	\$41,850	\$41,785	\$41,721	\$41,493	\$41,428	\$41,364	\$41,301	\$41,237	\$41,173	\$499,286

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$1,675,171), 312.42 (\$1,075,718), and 312.43 (\$439,963).
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 4.0%, 3.7%, and 3.5%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: PM Minimization and Monitoring
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		(\$24)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$24)
b.	Clearings to Plant		(24)	0	0	0	0	0	0	0	0	0	0	0	(24)
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$19,757,774	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	
3.	Less: Accumulated Depreciation	(5,083,858)	(5,144,730)	(5,205,602)	(5,266,474)	(5,327,346)	(5,388,218)	(5,449,090)	(5,509,962)	(5,570,834)	(5,631,706)	(5,692,578)	(5,753,450)	(5,814,322)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$14,673,916	14,613,020	14,552,148	14,491,276	14,430,404	14,369,532	14,308,660	14,247,788	14,186,916	14,126,044	14,065,172	14,004,300	13,943,428	
6.	Average Net Investment		14,643,468	14,582,584	14,521,712	14,460,840	14,399,968	14,339,096	14,278,224	14,217,352	14,156,480	14,095,608	14,034,736	13,973,864	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		70,323	70,030	69,738	69,446	69,153	68,861	69,066	68,772	68,477	68,183	67,888	67,594	\$827,531
b.	Debt Component Grossed Up For Taxes (C)		21,915	21,824	21,733	21,642	21,551	21,460	20,399	20,312	20,225	20,138	20,051	19,964	251,214
8.	Investment Expenses														
a.	Depreciation (D)		60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	730,464
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		153,110	152,726	152,343	151,960	151,576	151,193	150,337	149,956	149,574	149,193	148,811	148,430	1,809,209
a.	Recoverable Costs Allocated to Energy		153,110	152,726	152,343	151,960	151,576	151,193	150,337	149,956	149,574	149,193	148,811	148,430	1,809,209
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		153,110	152,726	152,343	151,960	151,576	151,193	150,337	149,956	149,574	149,193	148,811	148,430	1,809,209
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$153,110	\$152,726	\$152,343	\$151,960	\$151,576	\$151,193	\$150,337	\$149,956	\$149,574	\$149,193	\$148,811	\$148,430	\$1,809,209

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$5,831,465), 312.42 (\$5,153,072), 312.43 (\$7,875,560), 315.41 (\$17,504), 315.44 (\$351,594), and 315.43 (\$528,554)
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 4.0%, 3.7%, 3.5%, 3.5%, 3.2%, and 3.6%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Polk NO_x Emissions Reduction
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	
3.	Less: Accumulated Depreciation	(736,410)	(740,834)	(745,258)	(749,682)	(754,106)	(758,530)	(762,954)	(767,378)	(771,802)	(776,226)	(780,650)	(785,074)	(789,498)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$825,063	820,639	816,215	811,791	807,367	802,943	798,519	794,095	789,671	785,247	780,823	776,399	771,975	
6.	Average Net Investment		822,851	818,427	814,003	809,579	805,155	800,731	796,307	791,883	787,459	783,035	778,611	774,187	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		3,952	3,930	3,909	3,888	3,867	3,845	3,852	3,830	3,809	3,788	3,766	3,745	\$46,181
b.	Debt Component Grossed Up For Taxes (C)		1,231	1,225	1,218	1,212	1,205	1,198	1,138	1,131	1,125	1,119	1,112	1,106	14,020
8.	Investment Expenses														
a.	Depreciation (D)		4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	53,088
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		9,607	9,579	9,551	9,524	9,496	9,467	9,414	9,385	9,358	9,331	9,302	9,275	113,289
a.	Recoverable Costs Allocated to Energy		9,607	9,579	9,551	9,524	9,496	9,467	9,414	9,385	9,358	9,331	9,302	9,275	113,289
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		9,607	9,579	9,551	9,524	9,496	9,467	9,414	9,385	9,358	9,331	9,302	9,275	113,289
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$9,607	\$9,579	\$9,551	\$9,524	\$9,496	\$9,467	\$9,414	\$9,385	\$9,358	\$9,331	\$9,302	\$9,275	\$113,289

Notes:

- (A) Applicable depreciable base for Polk; account 342.81
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 3.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 SOFA
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	
3.	Less: Accumulated Depreciation	(909,434)	(915,831)	(922,228)	(928,625)	(935,022)	(941,419)	(947,816)	(954,213)	(960,610)	(967,007)	(973,404)	(979,801)	(986,198)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$1,649,296	1,642,899	1,636,502	1,630,105	1,623,708	1,617,311	1,610,914	1,604,517	1,598,120	1,591,723	1,585,326	1,578,929	1,572,532	
6.	Average Net Investment		1,646,098	1,639,701	1,633,304	1,626,907	1,620,510	1,614,113	1,607,716	1,601,319	1,594,922	1,588,525	1,582,128	1,575,731	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		7,905	7,874	7,844	7,813	7,782	7,752	7,777	7,746	7,715	7,684	7,653	7,622	\$93,167
b.	Debt Component Grossed Up For Taxes (C)		2,464	2,454	2,444	2,435	2,425	2,416	2,297	2,288	2,279	2,269	2,260	2,251	28,282
8.	Investment Expenses														
a.	Depreciation (D)		6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	76,764
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		16,766	16,725	16,685	16,645	16,604	16,565	16,471	16,431	16,391	16,350	16,310	16,270	198,213
a.	Recoverable Costs Allocated to Energy		16,766	16,725	16,685	16,645	16,604	16,565	16,471	16,431	16,391	16,350	16,310	16,270	198,213
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		16,766	16,725	16,685	16,645	16,604	16,565	16,471	16,431	16,391	16,350	16,310	16,270	198,213
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$16,766	\$16,725	\$16,685	\$16,645	\$16,604	\$16,565	\$16,471	\$16,431	\$16,391	\$16,350	\$16,310	\$16,270	\$198,213

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.44
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 3.0%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Pre-SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	
3.	Less: Accumulated Depreciation	(665,629)	(671,126)	(676,623)	(682,120)	(687,617)	(693,114)	(698,611)	(704,108)	(709,605)	(715,102)	(720,599)	(726,096)	(731,593)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$983,492	977,995	972,498	967,001	961,504	956,007	950,510	945,013	939,516	934,019	928,522	923,025	917,528	
6.	Average Net Investment		980,744	975,247	969,750	964,253	958,756	953,259	947,762	942,265	936,768	931,271	925,774	920,277	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		4,710	4,683	4,657	4,631	4,604	4,578	4,584	4,558	4,531	4,505	4,478	4,452	\$54,971
b.	Debt Component Grossed Up For Taxes (C)		1,468	1,460	1,451	1,443	1,435	1,427	1,354	1,346	1,338	1,330	1,323	1,315	16,690
8.	Investment Expenses														
a.	Depreciation (D)		5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	65,964
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		11,675	11,640	11,605	11,571	11,536	11,502	11,435	11,401	11,366	11,332	11,298	11,264	137,625
a.	Recoverable Costs Allocated to Energy		11,675	11,640	11,605	11,571	11,536	11,502	11,435	11,401	11,366	11,332	11,298	11,264	137,625
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		11,675	11,640	11,605	11,571	11,536	11,502	11,435	11,401	11,366	11,332	11,298	11,264	137,625
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$11,675	\$11,640	\$11,605	\$11,571	\$11,536	\$11,502	\$11,435	\$11,401	\$11,366	\$11,332	\$11,298	\$11,264	\$137,625

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.41
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 4.0%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 2 Pre-SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	
3.	Less: Accumulated Depreciation	(594,320)	(599,197)	(604,074)	(608,951)	(613,828)	(618,705)	(623,582)	(628,459)	(633,336)	(638,213)	(643,090)	(647,967)	(652,844)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$987,567	982,690	977,813	972,936	968,059	963,182	958,305	953,428	948,551	943,674	938,797	933,920	929,043	
6.	Average Net Investment		985,129	980,252	975,375	970,498	965,621	960,744	955,867	950,990	946,113	941,236	936,359	931,482	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		4,731	4,707	4,684	4,661	4,637	4,614	4,624	4,600	4,577	4,553	4,529	4,506	\$55,423
b.	Debt Component Grossed Up For Taxes (C)		1,474	1,467	1,460	1,452	1,445	1,438	1,366	1,359	1,352	1,345	1,338	1,331	16,827
8.	Investment Expenses														
a.	Depreciation (D)		4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	58,524
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		11,082	11,051	11,021	10,990	10,959	10,929	10,867	10,836	10,806	10,775	10,744	10,714	130,774
a.	Recoverable Costs Allocated to Energy		11,082	11,051	11,021	10,990	10,959	10,929	10,867	10,836	10,806	10,775	10,744	10,714	130,774
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		11,082	11,051	11,021	10,990	10,959	10,929	10,867	10,836	10,806	10,775	10,744	10,714	130,774
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$11,082	\$11,051	\$11,021	\$10,990	\$10,959	\$10,929	\$10,867	\$10,836	\$10,806	\$10,775	\$10,744	\$10,714	\$130,774

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.42
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 3.7%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 Pre-SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	
3.	Less: Accumulated Depreciation	(832,202)	(840,155)	(848,108)	(856,061)	(864,014)	(871,967)	(879,920)	(887,873)	(895,826)	(903,779)	(911,732)	(919,685)	(927,638)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$1,874,305	1,866,352	1,858,399	1,850,446	1,842,493	1,834,540	1,826,587	1,818,634	1,810,681	1,802,728	1,794,775	1,786,822	1,778,869	
6.	Average Net Investment		1,870,329	1,862,376	1,854,423	1,846,470	1,838,517	1,830,564	1,822,611	1,814,658	1,806,705	1,798,752	1,790,799	1,782,846	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		8,982	8,944	8,906	8,867	8,829	8,791	8,816	8,778	8,739	8,701	8,662	8,624	\$105,639
b.	Debt Component Grossed Up For Taxes (C)		2,799	2,787	2,775	2,763	2,751	2,740	2,604	2,593	2,581	2,570	2,558	2,547	32,068
8.	Investment Expenses														
a.	Depreciation (D)		7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	95,436
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		19,734	19,684	19,634	19,583	19,533	19,484	19,373	19,324	19,273	19,224	19,173	19,124	233,143
a.	Recoverable Costs Allocated to Energy		19,734	19,684	19,634	19,583	19,533	19,484	19,373	19,324	19,273	19,224	19,173	19,124	233,143
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		19,734	19,684	19,634	19,583	19,533	19,484	19,373	19,324	19,273	19,224	19,173	19,124	233,143
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$19,734	\$19,684	\$19,634	\$19,583	\$19,533	\$19,484	\$19,373	\$19,324	\$19,273	\$19,224	\$19,173	\$19,124	\$233,143

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.43 (\$1,995,677) and 315.43 (\$710,830)
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 3.5% and 3.6%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		(\$1,362,824)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,362,824)
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	
3.	Less: Accumulated Depreciation	(28,849,638)	(29,158,804)	(29,467,970)	(29,777,136)	(30,086,302)	(30,395,468)	(30,704,634)	(31,013,800)	(31,322,966)	(31,632,132)	(31,941,298)	(32,250,464)	(32,559,630)	
4.	CWIP - Non-Interest Bearing	1,362,824	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$58,232,288	\$56,560,298	\$56,251,132	\$55,941,966	\$55,632,800	\$55,323,634	\$55,014,468	\$54,705,302	\$54,396,136	\$54,086,970	\$53,777,804	\$53,468,638	\$53,159,472	
6.	Average Net Investment		57,396,293	56,405,715	56,096,549	55,787,383	55,478,217	55,169,051	54,859,885	54,550,719	54,241,553	53,932,387	53,623,221	53,314,055	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		275,636	270,879	269,394	267,910	266,425	264,940	265,366	263,871	262,375	260,880	259,384	257,889	\$3,184,949
b.	Debt Component Grossed Up For Taxes (C)		85,898	84,416	83,953	83,490	83,028	82,565	78,376	77,935	77,493	77,051	76,610	76,168	966,983
8.	Investment Expenses														
a.	Depreciation (D)		309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	3,709,992
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)	670,700	664,461	662,513	660,566	658,619	656,671	652,908	650,972	649,034	647,097	645,160	643,223	643,223	7,861,924
a.	Recoverable Costs Allocated to Energy	670,700	664,461	662,513	660,566	658,619	656,671	652,908	650,972	649,034	647,097	645,160	643,223	643,223	7,861,924
b.	Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)	670,700	664,461	662,513	660,566	658,619	656,671	652,908	650,972	649,034	647,097	645,160	643,223	643,223	7,861,924
13.	Retail Demand-Related Recoverable Costs (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$670,700	\$664,461	\$662,513	\$660,566	\$658,619	\$656,671	\$652,908	\$650,972	\$649,034	\$647,097	\$645,160	\$643,223	\$643,223	\$7,861,924

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.51 (\$22,278,982), 312.51 (\$48,529,672), 315.51 (\$14,063,245), and 316.51 (\$847,203).
(B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
(D) Applicable depreciation rate is 4.1%, 4.3%, 4.8% and 4.1%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 2 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$1,362,824	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,362,824
b.	Clearings to Plant		0	0	0	0	0	0	0	1,362,824	0	0	0	0	1,362,824
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$95,175,309	\$95,175,309	\$95,175,309	\$95,175,309	\$95,175,309	\$95,175,309	\$95,175,309	\$95,175,309	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	
3.	Less: Accumulated Depreciation	(30,814,532)	(31,122,366)	(31,430,200)	(31,738,034)	(32,045,868)	(32,353,702)	(32,661,536)	(32,969,370)	(33,277,204)	(33,589,581)	(33,901,958)	(34,214,335)	(34,526,712)	
4.	CWIP - Non-Interest Bearing	0	1,362,824	1,362,824	1,362,824	1,362,824	1,362,824	1,362,824	1,362,824	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$64,360,777	\$65,415,767	\$65,107,933	\$64,800,099	\$64,492,265	\$64,184,431	\$63,876,597	\$63,568,763	\$63,260,929	\$62,948,552	\$62,636,175	\$62,323,798	\$62,011,421	
6.	Average Net Investment		64,888,272	65,261,850	64,954,016	64,646,182	64,338,348	64,030,514	63,722,680	63,414,846	63,104,740	62,792,363	62,479,986	62,167,609	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		311,615	313,409	311,931	310,453	308,974	307,496	308,237	306,748	305,248	303,737	302,226	300,715	\$3,690,789
b.	Debt Component Grossed Up For Taxes (C)		97,111	97,670	97,209	96,748	96,288	95,827	91,038	90,599	90,156	89,709	89,263	88,817	1,120,435
8.	Investment Expenses														
a.	Depreciation (D)		307,834	307,834	307,834	307,834	307,834	307,834	307,834	307,834	312,377	312,377	312,377	312,377	3,712,180
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		716,560	718,913	716,974	715,035	713,096	711,157	707,109	705,181	707,781	705,823	703,866	701,909	8,523,404
a.	Recoverable Costs Allocated to Energy		716,560	718,913	716,974	715,035	713,096	711,157	707,109	705,181	707,781	705,823	703,866	701,909	8,523,404
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		716,560	718,913	716,974	715,035	713,096	711,157	707,109	705,181	707,781	705,823	703,866	701,909	8,523,404
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$716,560	\$718,913	\$716,974	\$715,035	\$713,096	\$711,157	\$707,109	\$705,181	\$707,781	\$705,823	\$703,866	\$701,909	\$8,523,404

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.52 (\$25,208,869), 312.52 (\$54,456,221), 315.52 (\$15,914,427), and 316.52 (\$958,616).
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 3.5%, 4.0%, 4.1% and 3.7%.
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	
3.	Less: Accumulated Depreciation	(27,938,697)	(28,190,771)	(28,442,845)	(28,694,919)	(28,946,993)	(29,199,067)	(29,451,141)	(29,703,215)	(29,955,289)	(30,207,363)	(30,459,437)	(30,711,511)	(30,963,585)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$53,825,905	53,573,831	53,321,757	53,069,683	52,817,609	52,565,535	52,313,461	52,061,387	51,809,313	51,557,239	51,305,165	51,053,091	50,801,017	
6.	Average Net Investment		53,699,868	53,447,794	53,195,720	52,943,646	52,691,572	52,439,498	52,187,424	51,935,350	51,683,276	51,431,202	51,179,128	50,927,054	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		257,885	256,674	255,464	254,253	253,042	251,832	252,439	251,220	250,001	248,781	247,562	246,343	\$3,025,496
b.	Debt Component Grossed Up For Taxes (C)		80,366	79,989	79,612	79,235	78,857	78,480	74,558	74,198	73,838	73,478	73,118	72,758	918,487
8.	Investment Expenses														
a.	Depreciation (D)		252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	3,024,888
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		590,325	588,737	587,150	585,562	583,973	582,386	579,071	577,492	575,913	574,333	572,754	571,175	6,968,871
a.	Recoverable Costs Allocated to Energy		590,325	588,737	587,150	585,562	583,973	582,386	579,071	577,492	575,913	574,333	572,754	571,175	6,968,871
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		590,325	588,737	587,150	585,562	583,973	582,386	579,071	577,492	575,913	574,333	572,754	571,175	6,968,871
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$590,325	\$588,737	\$587,150	\$585,562	\$583,973	\$582,386	\$579,071	\$577,492	\$575,913	\$574,333	\$572,754	\$571,175	\$6,968,871

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.53 (\$21,689,422), 312.53 (\$45,559,543), 315.53 (\$13,690,954), and 316.53 (\$824,684).
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 3.1%, 3.9%, 4.0%, and 3.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	(\$34)	\$431	\$2,699	\$5,941	\$7,263	\$5,982	\$373,136	\$14,802	\$520,283	\$540,835	\$3,412	\$1,474,750
b.	Clearings to Plant		0	(34)	0	0	0	0	0	0	0	0	0	1,474,784	1,474,750
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$65,312,615	\$65,312,615	\$65,312,581	\$65,312,581	\$65,312,581	\$65,312,581	\$65,312,581	\$65,312,581	\$65,312,581	\$65,312,581	\$65,312,581	\$65,312,581	\$66,787,365	
3.	Less: Accumulated Depreciation	(22,513,773)	(22,701,483)	(22,889,193)	(23,076,903)	(23,264,613)	(23,452,323)	(23,640,033)	(23,827,743)	(24,015,453)	(24,203,163)	(24,390,873)	(24,578,583)	(24,766,293)	
4.	CWIP - Non-Interest Bearing	0	0	0	431	3,131	9,071	16,335	22,316	395,452	410,254	930,537	1,471,372	0	
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$42,798,842</u>	<u>42,611,132</u>	<u>42,423,388</u>	<u>42,236,109</u>	<u>42,051,098</u>	<u>41,869,329</u>	<u>41,688,882</u>	<u>41,507,154</u>	<u>41,692,580</u>	<u>41,519,672</u>	<u>41,852,245</u>	<u>42,205,369</u>	<u>42,021,072</u>	
6.	Average Net Investment		42,704,987	42,517,260	42,329,748	42,143,603	41,960,213	41,779,105	41,598,018	41,599,867	41,606,126	41,685,958	42,028,807	42,113,220	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		205,084	204,182	203,282	202,388	201,507	200,637	201,217	201,225	201,256	201,642	203,300	203,709	\$2,429,429
b.	Debt Component Grossed Up For Taxes (C)		63,912	63,631	63,350	63,071	62,797	62,526	59,430	59,432	59,441	59,555	60,045	60,166	737,356
8.	Investment Expenses														
a.	Depreciation (D)		187,710	187,710	187,710	187,710	187,710	187,710	187,710	187,710	187,710	187,710	187,710	187,710	2,252,520
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		456,706	455,523	454,342	453,169	452,014	450,873	448,357	448,367	448,407	448,907	451,055	451,585	5,419,305
a.	Recoverable Costs Allocated to Energy		456,706	455,523	454,342	453,169	452,014	450,873	448,357	448,367	448,407	448,907	451,055	451,585	5,419,305
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		456,706	455,523	454,342	453,169	452,014	450,873	448,357	448,367	448,407	448,907	451,055	451,585	5,419,305
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$456,706</u>	<u>\$455,523</u>	<u>\$454,342</u>	<u>\$453,169</u>	<u>\$452,014</u>	<u>\$450,873</u>	<u>\$448,357</u>	<u>\$448,367</u>	<u>\$448,407</u>	<u>\$448,907</u>	<u>\$451,055</u>	<u>\$451,585</u>	<u>\$5,419,305</u>

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.54 (\$16,857,250), 312.54 (\$38,042,050), 315.54 (\$10,642,027), 316.54 (\$687,934), and 315.40 (\$558,103)
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rates are 2.4%, 3.8%, 3.9%, 3.3%, and 3.7%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend FGD System Reliability
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,200	\$482	\$85,855	\$91,537
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	
3.	Less: Accumulated Depreciation	(4,600,662)	(4,651,971)	(4,703,280)	(4,754,589)	(4,805,898)	(4,857,207)	(4,908,516)	(4,959,825)	(5,011,134)	(5,062,443)	(5,113,752)	(5,165,061)	(5,216,370)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	5,200	5,682	91,537	
5.	Net Investment (Lines 2 + 3 + 4)	\$19,736,045	19,684,736	19,633,427	19,582,118	19,530,809	19,479,500	19,428,191	19,376,882	19,325,573	19,274,264	19,228,155	19,177,328	19,211,874	
6.	Average Net Investment		19,710,391	19,659,082	19,607,773	19,556,464	19,505,155	19,453,846	19,402,537	19,351,228	19,299,919	19,251,209	19,202,741	19,194,601	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		94,656	94,409	94,163	93,917	93,670	93,424	93,853	93,605	93,357	93,121	92,887	92,847	\$1,123,909
b.	Debt Component Grossed Up For Taxes (C)		29,498	29,421	29,345	29,268	29,191	29,114	27,720	27,646	27,573	27,504	27,434	27,423	341,137
8.	Investment Expenses														
a.	Depreciation (D)		51,309	51,309	51,309	51,309	51,309	51,309	51,309	51,309	51,309	51,309	51,309	51,309	615,708
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		175,463	175,139	174,817	174,494	174,170	173,847	172,882	172,560	172,239	171,934	171,630	171,579	2,080,754
a.	Recoverable Costs Allocated to Energy		175,463	175,139	174,817	174,494	174,170	173,847	172,882	172,560	172,239	171,934	171,630	171,579	2,080,754
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		175,463	175,139	174,817	174,494	174,170	173,847	172,882	172,560	172,239	171,934	171,630	171,579	2,080,754
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$175,463	\$175,139	\$174,817	\$174,494	\$174,170	\$173,847	\$172,882	\$172,560	\$172,239	\$171,934	\$171,630	\$171,579	\$2,080,754

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.45 (\$22,880,499) and 312.44 (\$1,456,209).
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 2.5% and 3.0%.
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Mercury Air Toxics Standards (MATs)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$21,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,534	\$35,018
b.	Clearings to Plant		0	0	0	21,483	0	0	0	0	0	0	0	0	21,483
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$8,586,395	\$8,586,395	\$8,586,395	\$8,586,395	\$8,607,879	\$8,607,879	\$8,607,879	\$8,607,879	\$8,607,879	\$8,607,879	\$8,607,879	\$8,607,879	\$8,607,879	
3.	Less: Accumulated Depreciation	(1,155,720)	(1,177,599)	(1,199,478)	(1,221,357)	(1,243,236)	(1,265,371)	(1,287,506)	(1,309,641)	(1,331,776)	(1,353,911)	(1,376,046)	(1,398,181)	(1,420,316)	
4.	CWIP - Non-Interest Bearing	0	0	0	21,483	0	0	0	0	0	0	0	0	13,534	
5.	Net Investment (Lines 2 + 3 + 4)	\$7,430,675	7,408,796	7,386,917	7,386,522	7,364,643	7,342,508	7,320,373	7,298,238	7,276,103	7,253,968	7,231,833	7,209,698	7,201,097	
6.	Average Net Investment		7,419,736	7,397,857	7,386,720	7,375,582	7,353,575	7,331,440	7,309,305	7,287,170	7,265,035	7,242,900	7,220,765	7,205,397	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		35,632	35,527	35,473	35,420	35,314	35,208	35,356	35,249	35,142	35,035	34,928	34,854	\$423,138
b.	Debt Component Grossed Up For Taxes (C)		11,104	11,072	11,055	11,038	11,005	10,972	10,443	10,411	10,379	10,348	10,316	10,294	128,437
8.	Investment Expenses														
a.	Depreciation (D)		21,879	21,879	21,879	21,879	22,135	22,135	22,135	22,135	22,135	22,135	22,135	22,135	264,596
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		68,615	68,478	68,407	68,337	68,454	68,315	67,934	67,795	67,656	67,518	67,379	67,283	816,171
a.	Recoverable Costs Allocated to Energy		68,615	68,478	68,407	68,337	68,454	68,315	67,934	67,795	67,656	67,518	67,379	67,283	816,171
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		68,615	68,478	68,407	68,337	68,454	68,315	67,934	67,795	67,656	67,518	67,379	67,283	816,171
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$68,615	\$68,478	\$68,407	\$68,337	\$68,454	\$68,315	\$67,934	\$67,795	\$67,656	\$67,518	\$67,379	\$67,283	\$816,171

Notes:

- (A) Applicable depreciable base for Big Bend and Polk; accounts 312.44 (\$3,427,481), 341.80 (\$26,150), 315.40 (\$1,226,949), 315.41 (\$138,853), 315.42 (\$138,853), 312.45 (\$2,053,017), 312.46 (\$1,242,315), 315.44 (\$16,035), 315.45 (\$40,217) and 315.46 (\$50,784), 311.40 (\$13,216), 345.81 (\$2,232), 312.54 (\$210,295) and 395.00 (\$21,483)
- (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
- (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
- (D) Applicable depreciation rate is 3.0%, 2.2%, 3.7%, 3.5%, 3.3%, 2.5%, 3.3%, 3.2%, 3.1%, 3.5%, 2.9%, 3.3%, 3.8%, and 14.3%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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For Project: SO₂ Emissions Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Purchases/Transfers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Auction Proceeds/Other		0	0	0	0	0	97	0	0	0	0	0	0	97
2.	Working Capital Balance														
a.	FERC 158.1 Allowance Inventory	\$0	0	0	0	0	0	0	0	0	0	0	0	0	
b.	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d.	FERC 254.01 Regulatory Liabilities - Gains	(34,513)	(34,472)	(34,472)	(34,472)	(34,440)	(34,440)	(34,440)	(34,378)	(34,378)	(34,378)	(34,333)	(34,333)	(34,333)	
3.	Total Working Capital Balance	(\$34,513)	(34,472)	(34,472)	(34,472)	(34,440)	(34,440)	(34,440)	(34,378)	(34,378)	(34,378)	(34,333)	(34,333)	(34,333)	
4.	Average Net Working Capital Balance		(\$34,493)	(\$34,472)	(\$34,472)	(\$34,456)	(\$34,440)	(\$34,440)	(\$34,409)	(\$34,378)	(\$34,378)	(\$34,355)	(\$34,333)	(\$34,333)	
5.	Return on Average Net Working Capital Balance														
a.	Equity Component Grossed Up For Taxes (A)		(166)	(166)	(166)	(165)	(165)	(165)	(166)	(166)	(166)	(166)	(166)	(166)	(1,989)
b.	Debt Component Grossed Up For Taxes (B)		(52)	(52)	(52)	(52)	(52)	(52)	(49)	(49)	(49)	(49)	(49)	(49)	(606)
6.	Total Return Component		(218)	(218)	(218)	(217)	(217)	(217)	(215)	(215)	(215)	(215)	(215)	(215)	(2,595)
7.	Expenses:														
a.	Gains		0	0	0	0	0	(97)	0	0	0	0	0	0	(97)
b.	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	SO ₂ Allowance Expense		(34)	5	8	(16)	22	14	(52)	11	19	(28)	9	13	(29)
8.	Net Expenses (D)		(34)	5	8	(16)	22	(83)	(52)	11	19	(28)	9	13	(126)
9.	Total System Recoverable Expenses (Lines 6 + 8)		(252)	(213)	(210)	(233)	(195)	(300)	(267)	(204)	(196)	(243)	(206)	(202)	(2,721)
a.	Recoverable Costs Allocated to Energy		(252)	(213)	(210)	(233)	(195)	(300)	(267)	(204)	(196)	(243)	(206)	(202)	(2,721)
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		(252)	(213)	(210)	(233)	(195)	(300)	(267)	(204)	(196)	(243)	(206)	(202)	(2,721)
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Juris. Recoverable Costs (Lines 12 + 13)		(\$252)	(\$213)	(\$210)	(\$233)	(\$195)	(\$300)	(\$267)	(\$204)	(\$196)	(\$243)	(\$206)	(\$202)	(\$2,721)

Notes:

- (A) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(B) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
(C) Line 6 is reported on Schedule 7A.
(D) Line 8 is reported on Schedule 5A.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

* Totals on this schedule may not foot due to rounding.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Gypsum Storage Facility
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	
3.	Less: Accumulated Depreciation	(1,909,779)	(1,961,658)	(2,013,537)	(2,065,416)	(2,117,295)	(2,169,174)	(2,221,053)	(2,272,932)	(2,324,811)	(2,376,690)	(2,428,569)	(2,480,448)	(2,532,327)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$19,557,580</u>	<u>19,505,701</u>	<u>19,453,822</u>	<u>19,401,943</u>	<u>19,350,064</u>	<u>19,298,185</u>	<u>19,246,306</u>	<u>19,194,427</u>	<u>19,142,548</u>	<u>19,090,669</u>	<u>19,038,790</u>	<u>18,986,911</u>	<u>18,935,032</u>	
6.	Average Net Investment		19,531,641	19,479,762	19,427,883	19,376,004	19,324,125	19,272,246	19,220,367	19,168,488	19,116,609	19,064,730	19,012,851	18,960,972	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		93,797	93,548	93,299	93,050	92,801	92,552	92,972	92,721	92,470	92,219	91,968	91,717	\$1,113,114
b.	Debt Component Grossed Up For Taxes (C)		29,231	29,153	29,075	28,998	28,920	28,843	27,459	27,385	27,311	27,237	27,163	27,089	337,864
8.	Investment Expenses														
a.	Depreciation (D)		51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	622,548
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		174,907	174,580	174,253	173,927	173,600	173,274	172,310	171,985	171,660	171,335	171,010	170,685	2,073,526
a.	Recoverable Costs Allocated to Energy		174,907	174,580	174,253	173,927	173,600	173,274	172,310	171,985	171,660	171,335	171,010	170,685	2,073,526
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		174,907	174,580	174,253	173,927	173,600	173,274	172,310	171,985	171,660	171,335	171,010	170,685	2,073,526
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$174,907</u>	<u>\$174,580</u>	<u>\$174,253</u>	<u>\$173,927</u>	<u>\$173,600</u>	<u>\$173,274</u>	<u>\$172,310</u>	<u>\$171,985</u>	<u>\$171,660</u>	<u>\$171,335</u>	<u>\$171,010</u>	<u>\$170,685</u>	<u>\$2,073,526</u>

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 311.40
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 2.9%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Form 42-8A
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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Coal Combustion By-Products (CCR Rule)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$5,637	\$51,314	\$6,003	\$11,226	\$6,964	\$13,389	\$7,573	\$4,625	\$15,677	\$13,277	\$8,006	\$20,446	\$164,137
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	\$668,735	
3.	Less: Accumulated Depreciation	(8,097)	(9,769)	(11,441)	(13,113)	(14,785)	(16,457)	(18,129)	(19,801)	(21,473)	(23,145)	(24,817)	(26,489)	(28,161)	
4.	CWIP - Non-Interest Bearing	100,239	105,876	157,191	163,194	174,420	181,384	194,773	202,347	206,971	222,648	235,925	243,931	264,377	
5.	Net Investment (Lines 2 + 3 + 4)	\$760,877	764,842	814,485	818,816	828,370	833,662	845,379	851,280	854,233	868,238	879,843	886,177	904,951	
6.	Average Net Investment		762,860	789,663	816,650	823,593	831,016	839,520	848,330	852,757	861,235	874,040	883,010	895,564	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		3,664	3,792	3,922	3,955	3,991	4,032	4,104	4,125	4,166	4,228	4,271	4,332	\$48,582
b.	Debt Component Grossed Up For Taxes (C)		1,142	1,182	1,222	1,233	1,244	1,256	1,212	1,218	1,230	1,249	1,262	1,279	14,729
8.	Investment Expenses														
a.	Depreciation (D)		1,672	1,672	1,672	1,672	1,672	1,672	1,672	1,672	1,672	1,672	1,672	1,672	20,064
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		6,478	6,646	6,816	6,860	6,907	6,960	6,988	7,015	7,068	7,149	7,205	7,283	83,375
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		6,478	6,646	6,816	6,860	6,907	6,960	6,988	7,015	7,068	7,149	7,205	7,283	83,375
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		6,478	6,646	6,816	6,860	6,907	6,960	6,988	7,015	7,068	7,149	7,205	7,283	83,375
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$6,478	\$6,646	\$6,816	\$6,860	\$6,907	\$6,960	\$6,988	\$7,015	\$7,068	\$7,149	\$7,205	\$7,283	\$83,375

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.44
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 3.0%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

Form 42-8A
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Return on Capital Investments, Depreciation and Taxes
For Project: Coal Combustion Residuals (CCR Rule - Phase II)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$64	\$788	\$436	\$934	\$2,259	\$4,179	\$38,153	\$85,559	\$145,325	\$40,496	\$24,407	\$342,600
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	64	851	1,287	2,221	4,481	8,660	46,813	132,371	277,696	318,193	342,600	
5.	Net Investment (Lines 2 + 3 + 4)	\$0	0	64	851	1,287	2,221	4,481	8,660	46,813	132,371	277,696	318,193	342,600	
6.	Average Net Investment		0	32	457	1,069	1,754	3,351	6,570	27,736	89,592	205,034	297,945	330,396	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		0	0	2	5	8	16	32	134	433	992	1,441	1,598	\$4,661
b.	Debt Component Grossed Up For Taxes (C)		0	0	1	2	3	5	9	40	128	293	426	472	1,379
8.	Investment Expenses														
a.	Depreciation (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	3	7	11	21	41	174	561	1,285	1,867	2,070	6,040
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		0	0	3	7	11	21	41	174	561	1,285	1,867	2,070	6,040
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		0	0	3	7	11	21	41	174	561	1,285	1,867	2,070	6,040
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$3	\$7	\$11	\$21	\$41	\$174	\$561	\$1,285	\$1,867	\$2,070	\$6,040

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 2.5%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Emissions Limitations Guidelines (ELG)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$174	\$2,866	\$2,338	\$4,146	\$7,471	\$16,996
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	174	3,040	5,378	9,524	16,996	
5.	Net Investment (Lines 2 + 3 + 4)	\$0	0	0	0	0	0	0	0	174	3,040	5,378	9,524	16,996	
6.	Average Net Investment		0	0	0	0	0	0	0	87	1,607	4,209	7,451	13,260	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		0	0	0	0	0	0	0	0	8	20	36	64	\$128
b.	Debt Component Grossed Up For Taxes (C)		0	0	0	0	0	0	0	0	2	6	11	19	38
8.	Investment Expenses														
a.	Depreciation (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	10	26	47	83	166
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	10	26	47	83	166
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	10	26	47	83	166
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10	\$26	\$47	\$83	\$166

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is 2.5%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to December 2018

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Section 316(b) Impingement Mortality
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$0	0	0	0	0	0	0	0	0	0	0	0	0	
6.	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		0	0	0	0	0	0	0	0	0	0	0	0	\$0
b.	Debt Component Grossed Up For Taxes (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
8.	Investment Expenses														
a.	Depreciation (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

- (A) Applicable depreciable base for Big Bend; accounts TBD
 (B) Line 6 x 5.7628% x 1/12 (Jan-Jun) and Line 6 x 5.8046% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7959% x 1/12 (Jan-Jun) and Line 6 x 1.7144% x 1/12 (Jul-Dec)
 (D) Applicable depreciation rate is TBD
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of Final True-up Amount for the Period
January 2018 to June 2018

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Calculation of Revenue Requirement Rate of Return
(In Dollars)

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base Actual May 2017 (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,611,554	33.14%	5.12%	1.6968%
Short Term Debt	118,708	2.44%	1.55%	0.0378%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	101,181	2.08%	2.55%	0.0531%
Common Equity	2,031,177	41.77%	10.25%	4.2815%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	988,845	20.34%	0.00%	0.0000%
Deferred ITC - Weighted Cost	<u>11,216</u>	<u>0.23%</u>	7.78%	<u>0.0179%</u>
Total	\$ 4,862,681	100.00%		6.09%

ITC split between Debt and Equity:

Long Term Debt	\$ 1,611,554	Long Term Debt	42.84%
Short Term Debt	118,708	Short Term Debt	3.16%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>2,031,177</u>	Equity - Common	<u>54.00%</u>
Total	\$ 3,761,439	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = .0100% * 46.00%	0.0082%
Equity = .0100% * 54.00%	<u>0.0097%</u>
Weighted Cost	<u>0.0179%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.2815%
Deferred ITC - Weighted Cost	<u>0.0097%</u>
	4.2912%
Times Tax Multiplier	1.34295
Total Equity Component	<u>5.7628%</u>

Total Debt Cost Rate:

Long Term Debt	1.6968%
Short Term Debt	0.0378%
Customer Deposits	0.0531%
Deferred ITC - Weighted Cost	<u>0.0082%</u>
Total Debt Component	<u>1.7959%</u>
	<u>7.5587%</u>

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (4) - Column (2) x Column (3)

Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of Final True-up Amount for the Period
July 2018 to December 2018

Form 42 - 9A
 Page 2 of 2

Calculation of Revenue Requirement Rate of Return
 (In Dollars)

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base Actual May 2018 (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,719,219	30.51%	5.13%	1.5652%
Short Term Debt	244,333	4.34%	2.18%	0.0945%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	96,005	1.70%	2.43%	0.0414%
Common Equity	2,367,502	42.02%	10.25%	4.3067%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,187,473	21.07%	0.00%	0.0000%
Deferred ITC - Weighted Cost	<u>20,116</u>	<u>0.36%</u>	8.10%	<u>0.0289%</u>
Total	<u>\$ 5,634,648</u>	<u>100.00%</u>		<u>6.04%</u>

ITC split between Debt and Equity:

Long Term Debt	\$ 1,719,219	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>2,367,502</u>	Equity - Common	<u>54.00%</u>
Total	<u>\$ 4,086,721</u>	Total	<u>100.00%</u>

Deferred ITC - Weighted Cost:

Debt = 0.0289% * 46.00%	0.0133%
Equity = 0.0289% * 54.00%	<u>0.0156%</u>
Weighted Cost	<u>0.0289%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.3067%
Deferred ITC - Weighted Cost	<u>0.0156%</u>
	4.3223%
Times Tax Multiplier	1.34295
Total Equity Component	<u>5.8046%</u>

Total Debt Cost Rate:

Long Term Debt	1.5652%
Short Term Debt	0.0945%
Customer Deposits	0.0414%
Deferred ITC - Weighted Cost	<u>0.0133%</u>
Total Debt Component	<u>1.7144%</u>
	<u>7.5190%</u>

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (2) - Column (1) / Total Column (1)
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (4) - Column (2) x Column (3)

EXHIBIT TO THE TESTIMONY OF
PENELOPE A. RUSK

TAMPA ELECTRIC'S ENVIRONMENTAL
COST RECOVERY

ACTUAL/ESTIMATED TRUE-UP

JANUARY 2019 THROUGH DECEMBER 2019

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 19
PARTY: TAMPA ELECTRIC COMPANY
(TECO) – (DIRECT)
DESCRIPTION: Penelope A. Rusk PAR-2

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**TAMPA ELECTRIC COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE**

**ACTUAL/ESTIMATED TRUE-UP AMOUNT
FOR THE PERIOD
JANUARY 2019 THROUGH DECEMBER 2019**

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Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2019 to December 2019
(in Dollars)

Form 42 - 1E

<u>Line</u>	<u>Period Amount</u>
1. Over/(Under) Recovery for the Current Period (Form 42-2E, Line 5)	\$3,812,280
2. Interest Provision (Form 42-2E, Line 6)	296,155
3. Sum of Current Period Adjustments (Form 42-2E, Line 10)	<u>0</u>
4. Current Period True-Up Amount to be Refunded/(Recovered) In the Projection Period January 2020 to December 2020 (Lines 1 + 2 + 3)	<u>\$4,108,435</u>

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Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2019 to December 2019

Current Period True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. ECRC Revenues (net of Revenue Taxes)	\$3,117,973	\$3,107,867	\$3,079,732	\$3,044,137	\$3,638,503	\$4,162,521	\$4,205,132	\$4,185,102	\$4,324,301	\$3,928,090	\$3,275,852	\$3,198,097	\$43,267,306
2. True-Up Provision	1,247,596	1,247,596	1,247,596	1,247,596	1,247,596	1,247,596	1,247,596	1,247,596	1,247,596	1,247,596	1,247,596	1,247,593	14,971,149
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	4,365,569	4,355,463	4,327,328	4,291,733	4,886,099	5,410,117	5,452,728	5,432,698	5,571,897	5,175,686	4,523,448	4,445,690	58,238,455
4. Jurisdictional ECRC Costs													
a. O & M Activities (Form 42-5E, Line 9)	653,838	323,605	528,185	702,281	490,205	325,488	384,996	369,511	1,093,011	1,411,496	1,455,511	1,365,511	9,103,638
b. Capital Investment Projects (Form 42-7E, Line 9)	3,795,573	3,786,724	3,777,256	3,767,490	3,757,896	3,747,807	3,805,541	3,796,193	3,785,998	3,776,289	3,767,310	3,758,460	45,322,537
c. Total Jurisdictional ECRC Costs	4,449,411	4,110,329	4,305,441	4,469,771	4,248,101	4,073,295	4,190,537	4,165,704	4,879,009	5,187,785	5,222,821	5,123,971	54,426,175
5. Over/(Under) Recovery (Line 3 - Line 4c)	(83,842)	245,134	21,887	(178,039)	637,998	1,336,822	1,262,191	1,266,994	692,888	(12,099)	(699,373)	(678,281)	3,812,280
6. Interest Provision (Form 42-3E, Line 10)	33,570	31,292	29,550	27,038	24,520	23,448	23,957	24,642	24,146	21,688	17,994	14,310	296,155
7. Beginning Balance True-Up & Interest Provision	14,971,149	13,673,281	12,702,111	11,505,952	10,107,355	9,522,277	9,634,951	9,673,503	9,717,543	9,186,981	7,948,974	6,019,999	14,971,149
a. Deferred True-Up from January to December 2018 (Order No. PSC-2018-0594-FOF-EI)	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214	2,396,214
8. True-Up Collected/(Refunded) (see Line 2)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,596)	(1,247,593)	(14,971,149)
9. End of Period Total True-Up (Lines 5+6+7a+8)	16,069,495	15,098,325	13,902,166	12,503,569	11,918,491	12,031,165	12,069,717	12,113,757	11,583,195	10,345,188	8,416,213	6,504,649	6,504,649
10. Adjustment to Period True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11. End of Period Total True-Up (Lines 9 + 10)	\$16,069,495	\$15,098,325	\$13,902,166	\$12,503,569	\$11,918,491	\$12,031,165	\$12,069,717	\$12,113,757	\$11,583,195	\$10,345,188	\$8,416,213	\$6,504,649	\$6,504,649

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2019 to December 2019

Form 42 - 3E

Interest Provision
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. Beginning True-Up Amount (Form 42-2E, Line 7 + 7a + 10)	\$17,367,363	\$16,069,495	\$15,098,325	\$13,902,166	\$12,503,569	\$11,918,491	\$12,031,165	\$12,069,717	\$12,113,757	\$11,583,195	\$10,345,188	\$8,416,213	
2. Ending True-Up Amount Before Interest	16,035,925	15,067,033	13,872,616	12,476,531	11,893,971	12,007,717	12,045,760	12,089,115	11,559,049	10,323,500	8,398,219	6,490,339	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	33,403,288	31,136,528	28,970,941	26,378,697	24,397,540	23,926,208	24,076,925	24,158,832	23,672,806	21,906,695	18,743,407	14,906,552	
4. Average True-Up Amount (Line 3 x 1/2)	16,701,644	15,568,264	14,485,471	13,189,349	12,198,770	11,963,104	12,038,463	12,079,416	11,836,403	10,953,348	9,371,704	7,453,276	
5. Interest Rate (First Day of Reporting Business Month)	2.42%	2.41%	2.41%	2.48%	2.43%	2.39%	2.32%	2.45%	2.45%	2.45%	2.30%	2.30%	
6. Interest Rate (First Day of Subsequent Business Month)	2.41%	2.41%	2.48%	2.43%	2.39%	2.32%	2.45%	2.45%	2.45%	2.30%	2.30%	2.30%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	4.83%	4.82%	4.89%	4.91%	4.82%	4.71%	4.77%	4.90%	4.90%	4.75%	4.60%	4.60%	
8. Average Interest Rate (Line 7 x 1/2)	2.415%	2.410%	2.445%	2.455%	2.410%	2.355%	2.385%	2.450%	2.450%	2.375%	2.300%	2.300%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.201%	0.201%	0.204%	0.205%	0.201%	0.196%	0.199%	0.204%	0.204%	0.198%	0.192%	0.192%	
10. Interest Provision for the Month (Line 4 x Line 9)	\$33,570	\$31,292	\$29,550	\$27,038	\$24,520	\$23,448	\$23,957	\$24,642	\$24,146	\$21,688	\$17,994	\$14,310	\$296,155

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2019 to December 2019

Form 42 - 4E

Variance Report of O & M Activities
(in Dollars)

Line	(1)	(2)	(3)	(4)
	Actual / Estimated	Original Projection	Variance Amount	Percent
1. Description of O&M Activities				
a. Big Bend Unit 3 FGD Integration	\$481,495	\$709,500	(\$228,005)	-32.1%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0.0%
c. SO ₂ Emissions Allowances	(22)	0	(22)	0.0%
d. Big Bend Units 1 & 2 FGD	134,789	680,000	(545,211)	-80.2%
e. Big Bend PM Minimization and Monitoring	307,226	398,500	(91,274)	-22.9%
f. Big Bend NO _x Emissions Reduction	9,306	60,000	(50,694)	-84.5%
g. NPDES Annual Surveillance Fees	34,500	34,500	0	0.0%
h. Gannon Thermal Discharge Study	0	0	0	0.0%
i. Polk NO _x Emissions Reduction	0	5,000	(5,000)	-100.0%
j. Bayside SCR and Ammonia	126,480	119,000	7,480	6.3%
k. Big Bend Unit 4 SOFA	0	0	0	0.0%
l. Big Bend Unit 1 Pre-SCR	9,757	6,000	3,757	62.6%
m. Big Bend Unit 2 Pre-SCR	5,260	6,000	(740)	-12.3%
n. Big Bend Unit 3 Pre-SCR	17,525	6,000	11,525	192.1%
o. Clean Water Act Section 316(b) Phase II Study	30,286	90,000	(59,714)	-66.3%
p. Arsenic Groundwater Standard Program	4,511	0	4,511	0.0%
q. Big Bend Unit 1 SCR	93,819	167,240	(73,421)	-43.9%
r. Big Bend Unit 2 SCR	165,455	261,200	(95,745)	-36.7%
s. Big Bend Unit 3 SCR	496,632	396,460	100,172	25.3%
t. Big Bend Unit 4 SCR	1,387,011	2,135,100	(748,089)	-35.0%
u. Mercury Air Toxics Standards	7,633	74,878	(67,245)	-89.8%
v. Greenhouse Gas Reduction Program	93,149	93,149	0	0.0%
w. Big Bend Gypsum Storage Facility	1,262,594	1,320,000	(57,406)	-4.3%
x. Big Bend CCR Rule - Phase I	3,949	0	3,949	0.0%
y. Big Bend ELG Compliance	30,601	0	30,601	0.0%
z. Big Bend CCR Rule - Phase II	4,401,681	6,000,000	(1,598,319)	-26.6%
aa. Big Bend Unit 1 Sec. 316(b) Impingement Mortality	0	0	0	0.0%
2. Total Investment Projects - Recoverable Costs	\$9,103,638	\$12,562,527	(\$3,458,889)	-27.5%
3. Recoverable Costs Allocated to Energy	\$9,034,339	\$12,438,027	(\$3,403,687)	-27.4%
4. Recoverable Costs Allocated to Demand	\$69,298	\$124,500	(\$55,203)	-44.3%

Notes:

Column (1) is the End of Period Totals on Form 42-5E.

Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI.

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2019 to December 2019

O&M Activities
(in Dollars)

Line		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total	Method of Classification Demand	Energy
1.	Description of O&M Activities															
a.	Big Bend Unit 3 FGD Integration	\$21,689	\$13,379	\$21,539	\$40,931	\$85,891	\$73,066	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$37,500	\$481,495		\$481,495
b.	Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0	0	0	0	0	0	0	0	0	0		0
c.	SO ₂ Emissions Allowances	8	12	5	(6)	(85)	7	(4)	11	11	(4)	11	11	(22)		(22)
d.	Big Bend Units 1 & 2 FGD	22,680	24,872	2,316	1,855	4,073	18,993	10,000	10,000	10,000	10,000	10,000	10,000	134,789		134,789
e.	Big Bend PM Minimization and Monitoring	5,426	6,832	34,527	32,499	25,357	16,586	31,000	31,000	31,000	31,000	31,000	31,000	307,226		307,226
f.	Big Bend NO _x Emissions Reduction	31	108	3,128	39	0	0	1,000	1,000	1,000	1,000	1,000	1,000	9,306		9,306
g.	NPDES Annual Surveillance Fees	34,500	0	0	0	0	0	0	0	0	0	0	0	34,500	\$34,500	
h.	Gannon Thermal Discharge Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i.	Polk NO _x Emissions Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0		0
j.	Bayside SCR and Ammonia	12,903	3,255	14,383	11,967	8,446	14,525	12,000	12,000	11,000	10,000	8,000	8,000	126,480		126,480
k.	Big Bend Unit 4 SOFA	0	0	0	0	0	0	0	0	0	0	0	0	0		0
l.	Big Bend Unit 1 Pre-SCR	0	0	725	5,672	360	0	500	500	500	500	500	500	9,757		9,757
m.	Big Bend Unit 2 Pre-SCR	0	0	815	0	1,445	0	500	500	500	500	500	500	5,260		5,260
n.	Big Bend Unit 3 Pre-SCR	588	12,724	1,213	0	0	0	500	500	500	500	500	500	17,525		17,525
o.	Clean Water Act Section 316(b) Phase II Study	0	(264)	4,457	0	0	1,093	25,000	0	0	0	0	0	30,286	30,286	
p.	Arsenic Groundwater Standard Program	0	0	4,511	0	0	0	0	0	0	0	0	0	4,511	4,511	
q.	Big Bend Unit 1 SCR	684	4,888	26,042	9,422	2,068	1,279	5,106	5,638	10,807	17,887	10,000	0	93,819		93,819
r.	Big Bend Unit 2 SCR	22,002	23,385	(4,554)	4,641	11,944	1,441	30,551	24,553	18,689	8,632	24,170	0	165,455		165,455
s.	Big Bend Unit 3 SCR	15,859	30,392	81,819	13,385	128,902	24,963	20,454	24,650	1,815	83,481	58,005	12,910	496,632		496,632
t.	Big Bend Unit 4 SCR	87,112	57,926	54,358	214,259	158,324	76,377	100,390	111,659	108,690	100,000	164,326	153,590	1,387,011		1,387,011
u.	Mercury Air Toxics Standards	5,633	0	0	0	0	0	500	0	1,000	500	0	0	7,633		7,633
v.	Greenhouse Gas Reduction Program	0	0	0	93,149	0	0	0	0	0	0	0	0	93,149		93,149
w.	Big Bend Gypsum Storage Facility (East 40)	103,370	94,019	87,637	162,622	83,680	71,267	110,000	110,000	110,000	110,000	110,000	110,000	1,262,594		1,262,594
x.	Big Bend CCR Rule - Phase I	1,612	3,214	(924)	(425)	(506)	978	0	0	0	0	0	0	3,949		3,949
y.	Big Bend ELG Compliance	11,819	0	0	14,239	0	4,542	0	0	0	0	0	0	30,601		30,601
z.	Big Bend CCR Rule - Phase II	307,923	48,862	196,186	98,032	(19,693)	20,370	0	0	750,000	1,000,000	1,000,000	1,000,000	4,401,681		4,401,681
aa.	Big Bend Unit 1 Sec. 316(b) Impingement Mortality	0	0	0	0	0	0	0	0	0	0	0	0	0		0
2.	Total of O&M Activities	653,838	323,605	528,185	702,281	490,205	325,488	384,996	369,511	1,093,011	1,411,496	1,455,511	1,365,511	9,103,637	\$69,298	\$9,034,339
3.	Recoverable Costs Allocated to Energy	619,338	323,869	519,217	702,281	490,205	324,395	359,996	369,511	1,093,011	1,411,496	1,455,511	1,365,511	9,034,339		
4.	Recoverable Costs Allocated to Demand	34,500	(264)	8,968	0	0	1,093	25,000	0	0	0	0	0	69,298		
5.	Retail Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6.	Retail Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
7.	Jurisdictional Energy Recoverable Costs (A)	619,338	323,869	519,217	702,281	490,205	324,395	359,996	369,511	1,093,011	1,411,496	1,455,511	1,365,511	9,034,341		
8.	Jurisdictional Demand Recoverable Costs (B)	34,500	(264)	8,968	0	0	1,093	25,000	0	0	0	0	0	69,297		
9.	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	\$653,838	\$323,605	\$528,185	\$702,281	\$490,205	\$325,488	\$384,996	\$369,511	1,093,011	1,411,496	\$1,455,511	\$1,365,511	\$9,103,638		

Notes:

- (A) Line 3 x Line 5
(B) Line 4 x Line 6

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DOCKET NO. 20190007-EI
ECRC 2019 ACTUAL/ESTIMATED TRUE-UP
EXHIBIT NO. PAR-2, DOCUMENT NO. 5, PAGE 1 OF 1

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Actual / Estimated Amount
January 2019 to December 2019

Form 42 - 6E

Variance Report of Capital Investment Projects - Recoverable Costs
(in Dollars)

Line	(1) Actual / Estimated	(2) Original Projection	(3) Variance		(4) Percent
			Amount		
1. Description of Investment Projects					
a. Big Bend Unit 3 FGD Integration	\$942,371	\$932,808	\$9,563		1.0%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	235,507	234,889	618		0.3%
c. Big Bend Unit 4 Continuous Emissions Monitors	49,297	48,959	338		0.7%
d. Big Bend Fuel Oil Tank # 1 Upgrade	73,205	73,033	172		0.2%
e. Big Bend Fuel Oil Tank # 2 Upgrade	120,399	120,117	282		0.2%
f. Big Bend Unit 1 Classifier Replacement	76,749	76,373	376		0.5%
g. Big Bend Unit 2 Classifier Replacement	55,626	55,324	302		0.5%
h. Big Bend Section 114 Mercury Testing Platform	8,361	8,284	77		0.9%
i. Big Bend Units 1 & 2 FGD	5,852,617	5,809,756	42,861		0.7%
j. Big Bend FGD Optimization and Utilization	1,566,247	1,576,840	(10,593)		-0.7%
k. Big Bend NO _x Emissions Reduction	495,092	489,098	5,994		1.2%
l. Big Bend PM Minimization and Monitoring	1,767,965	1,751,406	16,559		0.9%
m. Polk NO _x Emissions Reduction	110,041	109,135	906		0.8%
n. Big Bend Unit 4 SOFA	193,988	192,117	1,871		1.0%
o. Big Bend Unit 1 Pre-SCR	133,545	132,473	1,072		0.8%
p. Big Bend Unit 2 Pre-SCR	127,276	126,179	1,097		0.9%
q. Big Bend Unit 3 Pre-SCR	227,710	225,602	2,108		0.9%
r. Big Bend Unit 1 SCR	7,629,840	7,567,577	62,263		0.8%
s. Big Bend Unit 2 SCR	8,343,405	8,288,466	54,939		0.7%
t. Big Bend Unit 3 SCR	6,790,879	6,730,895	59,984		0.9%
u. Big Bend Unit 4 SCR	5,433,692	5,379,650	54,042		1.0%
v. Big Bend FGD System Reliability	2,065,157	2,030,219	34,938		1.7%
w. Mercury Air Toxics Standards	808,174	802,679	5,495		0.7%
x. SO ₂ Emissions Allowances	(2,622)	(2,616)	(6)		0.2%
y. Big Bend Gypsum Storage Facility	2,045,696	2,022,870	22,826		1.1%
z. Big Bend CCR Rule - Phase I	111,772	241,100	(129,328)		-53.6%
aa. Big Bend CCR Rule - Phase II	41,119	24,047	17,072		71.0%
ab. Big Bend ELG Compliance	7,519	11,280	(3,761)		-33.3%
ac. Big Bend Unit 1 Sec. 316(b) Impingement Mortality	11,910	298,882	(286,972)		-96.0%
2. Total Investment Projects - Recoverable Costs	\$45,322,537	\$45,357,442	(\$34,905)		-0.1%
3. Recoverable Costs Allocated to Energy	\$44,956,613	\$44,588,983	\$367,630		0.8%
4. Recoverable Costs Allocated to Demand	\$365,924	\$768,459	(\$402,535)		-52.4%

Notes:

Column (1) is the End of Period Totals on Form 42-7E.

Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI.

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Tampa Electric Company
Environmental Cost Recovery Clause
Calculation of the Current Period Actual / Estimated Amount
January 2019 to December 2019

Capital Investment Projects-Recoverable Costs
(in Dollars)

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Line	Description (A)		Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total	Method of Classification Demand	Energy
1.	a. Big Bend Unit 3 FGD Integration	1	\$78,730	\$78,549	\$78,368	\$78,187	\$78,007	\$77,827	\$79,251	\$79,064	\$78,877	\$78,690	\$78,504	\$78,317	\$942,371		\$942,371
b.	Big Bend Units 1 and 2 Flue Gas Conditioning	2	20,131	20,030	19,929	19,827	19,725	19,624	19,634	19,530	19,426	19,321	19,217	19,113	235,507		235,507
c.	Big Bend Unit 4 Continuous Emissions Monitors	3	4,160	4,145	4,130	4,116	4,101	4,087	4,130	4,116	4,100	4,086	4,071	4,055	49,297		49,297
d.	Big Bend Fuel Oil Tank # 1 Upgrade	4	6,263	6,231	6,198	6,166	6,135	6,102	6,101	6,068	6,035	6,002	5,968	5,936	73,205	\$73,205	
e.	Big Bend Fuel Oil Tank # 2 Upgrade	5	10,300	10,247	10,194	10,142	10,089	10,036	10,035	9,981	9,925	9,871	9,817	9,762	120,399	120,399	
f.	Big Bend Unit 1 Classifier Replacement	6	6,516	6,488	6,461	6,433	6,406	6,378	6,415	6,387	6,359	6,330	6,302	6,274	76,749		76,749
g.	Big Bend Unit 2 Classifier Replacement	7	4,715	4,697	4,677	4,658	4,638	4,620	4,653	4,633	4,613	4,593	4,574	4,555	55,626		55,626
h.	Big Bend Section 114 Mercury Testing Platform	8	700	699	696	695	693	691	703	700	699	697	695	693	8,361		8,361
i.	Big Bend Units 1 & 2 FGD	9	493,173	491,531	489,890	488,249	486,608	484,967	490,604	488,909	487,214	485,519	483,824	482,129	5,852,617		5,852,617
j.	Big Bend FGD Optimization and Utilization	10	130,598	130,391	130,148	129,996	129,697	129,397	131,774	131,466	131,158	130,849	130,541	130,232	1,566,247		1,566,247
k.	Big Bend NO _x Emissions Reduction	11	41,109	41,046	40,981	40,918	40,854	40,790	41,730	41,665	41,599	41,533	41,466	41,401	495,092		495,092
l.	Big Bend PM Minimization and Monitoring	12	148,048	147,667	147,286	146,904	146,523	146,141	148,551	148,157	147,763	147,369	146,975	146,581	1,767,965		1,767,965
m.	Polk NO _x Emissions Reduction	13	9,247	9,219	9,192	9,164	9,136	9,108	9,234	9,205	9,177	9,149	9,119	9,091	110,041		110,041
n.	Big Bend Unit 4 SOFA	14	16,230	16,190	16,150	16,110	16,069	16,029	16,305	16,264	16,222	16,181	16,140	16,098	193,988		193,988
o.	Big Bend Unit 1 Pre-SCR	15	11,229	11,194	11,160	11,125	11,091	11,057	11,204	11,168	11,132	11,097	11,062	11,026	133,545		133,545
p.	Big Bend Unit 2 Pre-SCR	16	10,683	10,653	10,622	10,591	10,561	10,530	10,685	10,653	10,622	10,590	10,559	10,527	127,276		127,276
q.	Big Bend Unit 3 Pre-SCR	17	19,074	19,024	18,975	18,925	18,875	18,825	19,131	19,079	19,028	18,976	18,925	18,873	227,710		227,710
r.	Big Bend Unit 1 SCR	18	641,285	639,348	637,412	635,474	633,537	631,600	640,199	638,199	636,198	634,197	632,196	630,195	7,629,840		7,629,840
s.	Big Bend Unit 2 SCR	19	699,951	697,994	696,037	694,079	692,122	690,165	700,563	698,542	696,520	694,499	692,477	690,456	8,343,405		8,343,405
t.	Big Bend Unit 3 SCR	20	569,594	568,015	566,436	564,856	563,277	561,698	570,246	568,615	566,983	565,351	563,720	562,088	6,790,879		6,790,879
u.	Big Bend Unit 4 SCR	21	455,089	453,930	452,806	451,709	450,510	449,306	456,504	455,259	454,013	452,768	451,522	450,276	5,433,692		5,433,692
v.	Big Bend FGD System Reliability	22	171,527	171,411	171,195	171,013	170,715	170,404	173,983	173,650	173,316	172,981	172,648	172,314	2,065,157		2,065,157
w.	Mercury Air Toxics Standards	23	67,186	67,208	67,069	66,929	66,789	66,650	67,963	67,900	67,837	67,692	67,548	67,403	808,174		808,174
x.	SO ₂ Emissions Allowances (B)	24	(215)	(215)	(215)	(215)	(215)	(215)	(222)	(222)	(222)	(222)	(222)	(222)	(2,622)		(2,622)
y.	Big Bend Gypsum Storage Facility	25	170,360	170,035	169,710	169,385	169,060	168,735	172,241	171,906	171,570	171,234	170,898	170,562	2,045,696		2,045,696
z.	Big Bend CCR Rule - Phase I	26	7,404	7,781	8,026	8,263	8,918	9,115	9,393	10,347	10,460	10,575	10,688	10,802	111,772	111,772	
aa.	Big Bend CCR Rule - Phase II	27	2,240	2,773	3,211	3,250	3,343	3,418	3,598	3,686	3,775	3,863	3,952	4,010	41,119	41,119	
ab.	Big Bend ELG Compliance	28	246	443	512	536	615	688	724	733	742	751	760	769	7,519		7,519
ac.	Big Bend Unit 1 Sec. 316(b) Impingement Mortality	29	0	0	0	5	17	34	209	533	857	1,747	3,364	5,144	11,910	11,910	
2.	Total Investment Projects - Recoverable Costs		3,795,573	3,786,724	3,777,256	3,767,490	3,757,896	3,747,807	3,805,541	3,796,193	3,785,998	3,776,289	3,767,310	3,758,460	45,322,537	\$365,924	\$44,956,613
3.	Recoverable Costs Allocated to Energy		3,769,120	3,759,249	3,749,115	3,739,128	3,728,779	3,718,414	3,775,481	3,764,845	3,754,204	3,743,480	3,732,761	3,722,037	44,956,613		44,956,613
4.	Recoverable Costs Allocated to Demand		26,453	27,475	28,141	28,362	29,117	29,393	30,060	31,348	31,794	32,809	34,549	36,423	365,924	365,924	
5.	Retail Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6.	Retail Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
7.	Jurisdictional Energy Recoverable Costs (C)		3,769,120	3,759,249	3,749,115	3,739,128	3,728,779	3,718,414	3,775,481	3,764,845	3,754,204	3,743,480	3,732,761	3,722,037	44,956,613		44,956,613
8.	Jurisdictional Demand Recoverable Costs (D)		26,453	27,475	28,141	28,362	29,117	29,393	30,060	31,348	31,794	32,809	34,549	36,423	365,924		365,924
9.	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)		\$3,795,573	\$3,786,724	\$3,777,256	\$3,767,490	\$3,757,896	\$3,747,807	\$3,805,541	\$3,796,193	\$3,785,998	\$3,776,289	\$3,767,310	\$3,758,460	\$45,322,537		

DOCKET NO. 20-0300-ECRC 2019 ACT EXHIBIT NO. PA

Notes:

- (A) Each project's Total System Recoverable Expenses on Form 42-8E, Line 9
(B) Project's Total Return Component on Form 42-8E, Line 6
(C) Line 3 x Line 5
(D) Line 4 x Line 6

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Actual / Estimated Amount
January 2019 to June 2019

Form 42 - 9E
Page 1 of 2

Calculation of Revenue Requirement Rate of Return
(in Dollars)

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base Actual May 2018 (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,719,219	30.51%	5.13%	1.5652%
Short Term Debt	244,333	4.34%	2.18%	0.0945%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	96,005	1.70%	2.43%	0.0414%
Common Equity	2,367,502	42.02%	10.25%	4.3067%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,187,473	21.07%	0.00%	0.0000%
Deferred ITC - Weighted Cost	<u>20,116</u>	<u>0.36%</u>	8.10%	<u>0.0289%</u>
Total	\$ 5,634,648	100.00%		6.04%

ITC split between Debt and Equity:

Long Term Debt	\$ 1,719,219	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>2,367,502</u>	Equity - Common	<u>54.00%</u>
Total	\$ 4,086,721	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.0289% * 46.00%	0.0133%
Equity = 0.0289% * 54.00%	<u>0.0156%</u>
Weighted Cost	<u>0.0289%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.3067%
Deferred ITC - Weighted Cost	<u>0.0156%</u>
	4.3223%
Times Tax Multiplier	1.34295
Total Equity Component	<u>5.8046%</u>

Total Debt Cost Rate:

Long Term Debt	1.5652%
Short Term Debt	0.0945%
Customer Deposits	0.0414%
Deferred ITC - Weighted Cost	<u>0.0133%</u>
Total Debt Component	<u>1.7144%</u>
	<u>7.5190%</u>

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (2) - Column (1) / Total Column (1)
Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
Column (4) - Column (2) x Column (3)

Tampa Electric Company
 Environmental Cost Recovery Clause
 Calculation of the Current Period Actual / Estimated Amount
July 2019 to December 2019

Form 42 - 9E
 Page 2 of 2

**Calculation of Revenue Requirement Rate of Return
 (in Dollars)**

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base Actual May 2019 (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,897,597	31.57%	4.89%	1.5435%
Short Term Debt	211,895	3.52%	2.97%	0.1047%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	94,966	1.58%	2.38%	0.0376%
Common Equity	2,598,065	43.22%	10.25%	4.4297%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,125,550	18.72%	0.00%	0.0000%
Deferred ITC - Weighted Cost	<u>83,633</u>	<u>1.39%</u>	7.98%	<u>0.1110%</u>
Total	\$ 6,011,707	100.00%		6.23%

ITC split between Debt and Equity:

Long Term Debt	\$ 1,897,597	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>2,598,065</u>	Equity - Common	<u>54.00%</u>
Total	\$ 4,495,662	Total	100.00%

Deferred ITC - Weighted Cost:

Debt = 0.1110% * 46.00%	0.0511%
Equity = 0.1110% * 54.00%	<u>0.0599%</u>
Weighted Cost	<u>0.1110%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.4297%
Deferred ITC - Weighted Cost	<u>0.0599%</u>
	4.4896%
Times Tax Multiplier	1.34295
Total Equity Component	<u>6.0293%</u>

Total Debt Cost Rate:

Long Term Debt	1.5435%
Short Term Debt	0.1047%
Customer Deposits	0.0376%
Deferred ITC - Weighted Cost	<u>0.0511%</u>
Total Debt Component	<u>1.7369%</u>
	<u>7.7662%</u>

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (2) - Column (1) / Total Column (1)
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (4) - Column (2) x Column (3)

EXHIBIT TO THE TESTIMONY OF
PENELOPE A. RUSK

TAMPA ELECTRIC'S ENVIRONMENTAL
COST RECOVERY

PROJECTION

JANUARY 2020 THROUGH DECEMBER 2020

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 20
PARTY: TAMPA ELECTRIC COMPANY (TECO)
– (DIRECT)
DESCRIPTION: Penelope A. Rusk PAR-3

INDEX
ENVIRONMENTAL COST RECOVERY
COMMISSION FORMS

JANUARY 2020 THROUGH DECEMBER 2020

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Total Jurisdictional Amount to Be Recovered

Form 42 - 1P

For the Projected Period
January 2020 to December 2020

<u>Line</u>	Energy (\$)	Demand (\$)	Total (\$)
1. Total Jurisdictional Revenue Requirements for the projected period			
a. Projected O&M Activities (Form 42-2P, Lines 7, 8 & 9)	\$9,366,321	\$74,500	\$9,440,821
b. Projected Capital Projects (Form 42-3P, Lines 7, 8 & 9)	43,831,641	691,266	44,522,907
c. Total Jurisdictional Revenue Requirements for the projected period (Lines 1a + 1b)	53,197,962	765,766	53,963,728
2. True-up for Estimated Over/(Under) Recovery for the current period January 2019 to December 2019 (Form 42-2E, Line 5 + 6 + 10)	4,075,582	32,853	4,108,435
3. Final True-up for the period January 2018 to December 2018 (Form 42-1A, Line 3)	2,382,319	13,895	2,396,214
4. Total Jurisdictional Amount to Be Recovered/(Refunded) in the projection period January 2020 to December 2020 (Line 1 - Line 2- Line 3)	46,740,061	719,018	47,459,079
5. Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier)	\$46,773,714	\$719,536	\$47,493,250

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

O&M Activities
(in Dollars)

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Line		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification	
															Demand	Energy
1.	Description of O&M Activities															
a.	Big Bend Unit 3 FGD Integration	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$32,563	\$390,754		\$390,754
b.	Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0	0	0	0	0	0	0	0	0	0		0
c.	SO ₂ Emissions Allowances	(4)	11	11	(4)	11	11	(4)	11	11	(4)	11	11	71		71
d.	Big Bend Units 1 & 2 FGD	20,845	20,845	20,845	20,845	20,845	20,845	20,845	20,845	20,845	20,845	20,845	20,845	250,146		250,146
e.	Big Bend PM Minimization and Monitoring	33,208	33,208	33,208	33,208	33,208	33,208	33,208	33,208	33,208	33,208	33,208	33,208	398,500		398,500
f.	Big Bend NO _x Emissions Reduction	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000		12,000
g.	NPDES Annual Surveillance Fees	34,500	0	0	0	0	0	0	0	0	0	0	0	34,500	\$34,500	
h.	Gannon Thermal Discharge Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i.	Polk NO _x Emissions Reduction	0	0	0	0	0	0	0	0	0	0	0	0	0		0
j.	Bayside SCR Consumables	8,000	8,000	9,000	10,000	11,000	12,000	12,000	12,000	11,000	10,000	8,000	8,000	119,000		119,000
k.	Big Bend Unit 4 SOFA	0	0	0	0	0	0	0	0	0	0	0	0	0		0
l.	Big Bend Unit 1 Pre-SCR	900	900	900	900	900	900	900	900	900	900	900	900	10,800		10,800
m.	Big Bend Unit 2 Pre-SCR	900	900	900	900	900	900	900	900	900	900	900	900	10,800		10,800
n.	Big Bend Unit 3 Pre-SCR	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	12,000		12,000
o.	Clean Water Act Section 316(b) Phase II Study	5,000	15,000	0	20,000	0	0	0	0	0	0	0	0	40,000	40,000	
p.	Arsenic Groundwater Standard Program	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
q.	Big Bend Unit 1 SCR	9,325	4,508	11,094	13,931	19,199	24,328	9,996	14,598	15,045	16,464	15,349	10,832	164,668		164,668
r.	Big Bend Unit 2 SCR	11,834	6,165	41,830	20,451	14,676	39,307	35,625	28,393	27,341	33,420	48,922	21,651	329,616		329,616
s.	Big Bend Unit 3 SCR	30,480	112,319	73,818	77,060	67,637	59,747	54,224	54,487	46,664	60,950	40,281	38,359	716,027		716,027
t.	Big Bend Unit 4 SCR	129,939	50,206	46,457	61,756	71,685	79,987	103,524	105,891	84,148	62,364	68,646	104,032	968,634		968,634
u.	Mercury Air Toxics Standards	2,000	2,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000	3,000	2,000	2,000	27,000		27,000
v.	Greenhouse Gas Reduction Program	0	0	53,528	0	39,621	0	0	0	0	0	0	0	93,150		93,150
w.	Big Bend Gypsum Storage Facility (East 40)	78,922	78,922	78,922	78,922	78,922	78,922	78,922	78,922	78,922	78,922	78,922	78,922	947,064		947,064
x.	Big Bend CCR Rule - Phase I	0	0	0	0	0	0	0	0	0	0	0	0	0		0
y.	Big Bend ELG Compliance	0	0	0	0	0	0	0	0	0	0	0	0	0		0
z.	Big Bend CCR Rule - Phase II	409,674	409,674	409,674	409,674	409,674	409,674	409,674	409,674	409,674	409,674	409,674	409,674	4,916,092		4,916,092
aa.	Big Bend Unit 1 Sec. 316(b) Impingement Mortality	0	0	0	0	0	0	0	0	0	0	0	0	0		0
2.	Total of O&M Activities	810,088	777,221	817,750	785,207	804,843	796,393	796,379	796,393	765,221	765,207	762,221	763,898	9,440,821	\$74,500	\$9,366,322
3.	Recoverable Costs Allocated to Energy	770,588	762,221	817,750	765,207	804,843	796,393	796,379	796,393	765,221	765,207	762,221	763,898	9,366,321		
4.	Recoverable Costs Allocated to Demand	39,500	15,000	0	20,000	0	0	0	0	0	0	0	0	74,500		
5.	Retail Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6.	Retail Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
7.	Jurisdictional Energy Recoverable Costs (A)	770,588	762,221	817,750	765,207	804,843	796,393	796,379	796,393	765,221	765,207	762,221	763,898	9,366,321		
8.	Jurisdictional Demand Recoverable Costs (B)	39,500	15,000	0	20,000	0	0	0	0	0	0	0	0	74,500		
9.	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	\$810,088	\$777,221	\$817,750	\$785,207	\$804,843	\$796,393	\$796,379	\$796,393	765,221	765,207	\$762,221	\$763,898	\$9,440,821		

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

Form 42-3P

Capital Investment Projects-Recoverable Costs
(in Dollars)

Line	Description (A)		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total	Method of Classification Demand	Energy
1. a.	Big Bend Unit 3 FGD Integration	1	\$78,130	\$77,943	\$77,757	\$77,571	\$77,384	\$77,197	\$77,011	\$76,824	\$76,637	\$76,451	\$76,264	\$76,077	\$925,246		\$925,246
b.	Big Bend Units 1 and 2 Flue Gas Conditioning	2	19,008	18,904	18,799	18,695	18,590	18,485	18,381	18,277	18,172	18,068	17,964	17,859	221,202		221,202
c.	Big Bend Unit 4 Continuous Emissions Monitors	3	4,041	4,026	4,011	3,996	3,981	3,966	3,951	3,937	3,921	3,906	3,892	3,876	47,504		47,504
d.	Big Bend Fuel Oil Tank # 1 Upgrade	4	5,902	5,869	5,835	5,803	5,770	5,736	5,703	5,670	5,637	5,604	5,570	5,538	68,637	\$68,637	
e.	Big Bend Fuel Oil Tank # 2 Upgrade	5	9,708	9,653	9,598	9,544	9,490	9,435	9,380	9,326	9,271	9,217	9,163	9,107	112,892	112,892	
f.	Big Bend Unit 1 Classifier Replacement	6	6,245	6,216	6,188	6,159	6,131	6,103	6,074	6,046	6,017	5,989	5,961	5,932	73,061		73,061
g.	Big Bend Unit 2 Classifier Replacement	7	4,534	4,515	4,495	4,476	4,456	4,436	4,417	4,397	4,377	4,358	4,338	4,319	53,118		53,118
h.	Big Bend Section 114 Mercury Testing Platform	8	691	689	687	685	684	682	680	678	676	674	672	671	8,169		8,169
i.	Big Bend Units 1 & 2 FGD	9	480,434	478,738	477,044	475,349	473,654	471,959	470,264	468,569	466,874	465,179	463,484	461,788	5,653,336		5,653,336
j.	Big Bend FGD Optimization and Utilization	10	129,924	129,616	129,307	128,999	128,690	128,382	128,074	127,765	127,457	127,148	126,841	126,533	1,538,736		1,538,736
k.	Big Bend NO _x Emissions Reduction	11	41,335	41,269	41,203	41,138	41,071	41,005	40,939	40,874	40,808	40,742	40,675	40,610	491,669		491,669
l.	Big Bend PM Minimization and Monitoring	12	146,188	145,794	145,399	145,005	144,611	144,217	143,823	143,430	143,036	142,642	142,248	141,853	1,728,246		1,728,246
m.	Polk NO _x Emissions Reduction	13	9,062	9,034	9,005	8,976	8,948	8,919	8,891	8,862	8,833	8,805	8,776	8,747	106,858		106,858
n.	Big Bend Unit 4 SOFA	14	16,056	16,015	15,974	15,933	15,891	15,850	15,808	15,767	15,725	15,684	15,643	15,602	189,948		189,948
o.	Big Bend Unit 1 Pre-SCR	15	10,991	10,955	10,920	10,884	10,848	10,813	10,777	10,741	10,706	10,670	10,635	10,599	129,539		129,539
p.	Big Bend Unit 2 Pre-SCR	16	10,495	10,463	10,432	10,400	10,369	10,337	10,306	10,274	10,243	10,211	10,180	10,148	123,858		123,858
q.	Big Bend Unit 3 Pre-SCR	17	18,822	18,770	18,719	18,667	18,616	18,564	18,514	18,462	18,411	18,359	18,308	18,256	222,468		222,468
r.	Big Bend Unit 1 SCR	18	628,194	626,194	624,192	622,192	620,191	618,190	616,189	614,188	612,187	610,187	608,185	606,185	7,406,274		7,406,274
s.	Big Bend Unit 2 SCR	19	688,434	686,412	684,390	682,369	680,347	678,326	676,304	674,283	672,261	670,239	668,217	666,196	8,127,778		8,127,778
t.	Big Bend Unit 3 SCR	20	560,458	558,826	557,195	555,563	553,932	552,300	550,669	549,038	547,407	545,775	544,144	542,512	6,617,819		6,617,819
u.	Big Bend Unit 4 SCR	21	449,031	447,785	446,540	445,294	444,048	442,802	441,556	440,311	439,065	437,820	436,574	435,328	5,306,154		5,306,154
v.	Big Bend FGD System Reliability	22	171,980	171,647	171,313	170,979	170,646	170,311	169,977	169,644	169,310	168,976	168,643	168,309	2,041,735		2,041,735
w.	Mercury Air Toxics Standards	23	67,557	67,410	67,264	67,118	66,972	66,825	66,680	66,533	66,387	66,240	66,094	65,948	801,028		801,028
x.	SO ₂ Emissions Allowances (B)	24	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(2,664)		(2,664)
y.	Big Bend Gypsum Storage Facility	25	170,226	169,891	169,555	169,219	168,884	168,548	168,212	167,877	167,541	167,204	166,869	166,533	2,020,559		2,020,559
z.	Big Bend CCR Rule - Phase I	26	10,867	10,884	10,934	11,015	11,250	11,543	13,294	16,104	18,584	22,009	24,353	24,616	185,453	185,453	
aa.	Big Bend CCR Rule - Phase II	27	4,055	4,118	4,182	4,247	4,347	4,485	4,640	4,829	5,279	5,696	6,276	7,292	59,446		59,446
ab.	Big Bend ELG Compliance	28	935	1,259	2,391	4,333	6,274	8,215	11,128	15,011	18,895	22,777	26,014	28,602	145,834	145,834	
ac.	Big Bend Unit 1 Sec. 316(b) Impingement Mortality	29	6,358	7,005	7,651	8,299	8,946	9,594	10,240	10,888	11,535	12,183	12,829	13,476	119,004	119,004	
2.	Total Investment Projects - Recoverable Costs		3,749,439	3,739,678	3,730,758	3,722,686	3,714,799	3,707,003	3,701,660	3,698,383	3,695,030	3,692,591	3,688,590	3,682,290	44,522,907	\$691,266	\$43,831,641
3.	Recoverable Costs Allocated to Energy		3,711,614	3,700,890	3,690,167	3,679,445	3,668,722	3,657,995	3,647,275	3,636,555	3,625,829	3,615,105	3,604,385	3,593,659	43,831,641		43,831,641
4.	Recoverable Costs Allocated to Demand		37,825	38,788	40,591	43,241	46,077	49,008	54,385	61,828	69,201	77,486	84,205	88,631	691,266	691,266	
5.	Retail Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
6.	Retail Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000			
7.	Jurisdictional Energy Recoverable Costs (C)		3,711,614	3,700,890	3,690,167	3,679,445	3,668,722	3,657,995	3,647,275	3,636,555	3,625,829	3,615,105	3,604,385	3,593,659	43,831,641		
8.	Jurisdictional Demand Recoverable Costs (D)		37,825	38,788	40,591	43,241	46,077	49,008	54,385	61,828	69,201	77,486	84,205	88,631	691,266		
9.	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)		\$3,749,439	\$3,739,678	\$3,730,758	\$3,722,686	\$3,714,799	\$3,707,003	\$3,701,660	\$3,698,383	\$3,695,030	\$3,692,591	\$3,688,590	\$3,682,290	\$44,522,907		

Notes:

- (A) Each project's Total System Recoverable Expenses on Form 42-4P, Line 9
(B) Project's Total Return Component on Form 42-4P, Line 6
(C) Line 3 x Line 5
(D) Line 4 x Line 6

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DOCKET NO. 20190007-EI
ECRC 2020 PROJECTION, FORM 42-3P
EXHIBIT NO. PAR-3, DOCUMENT NO. 3

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 FGD Integration
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	\$13,763,263	
3.	Less: Accumulated Depreciation	(6,132,393)	(6,161,231)	(6,190,069)	(6,218,907)	(6,247,745)	(6,276,583)	(6,305,421)	(6,334,259)	(6,363,097)	(6,391,935)	(6,420,773)	(6,449,611)	(6,478,449)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$7,630,870	7,602,032	7,573,194	7,544,356	7,515,518	7,486,680	7,457,842	7,429,004	7,400,166	7,371,328	7,342,490	7,313,652	7,284,814	
6.	Average Net Investment		7,616,451	7,587,613	7,558,775	7,529,937	7,501,099	7,472,261	7,443,423	7,414,585	7,385,747	7,356,909	7,328,071	7,299,233	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$38,268	\$38,123	\$37,978	\$37,834	\$37,689	\$37,544	\$37,399	\$37,254	\$37,109	\$36,964	\$36,819	\$36,674	\$449,655
b.	Debt Component Grossed Up For Taxes (C)		11,024	10,982	10,941	10,899	10,857	10,815	10,774	10,732	10,690	10,649	10,607	10,565	129,535
8.	Investment Expenses														
a.	Depreciation (D)		28,838	28,838	28,838	28,838	28,838	28,838	28,838	28,838	28,838	28,838	28,838	28,838	346,056
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		78,130	77,943	77,757	77,571	77,384	77,197	77,011	76,824	76,637	76,451	76,264	76,077	925,246
a.	Recoverable Costs Allocated to Energy		78,130	77,943	77,757	77,571	77,384	77,197	77,011	76,824	76,637	76,451	76,264	76,077	925,246
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		78,130	77,943	77,757	77,571	77,384	77,197	77,011	76,824	76,637	76,451	76,264	76,077	925,246
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$78,130	\$77,943	\$77,757	\$77,571	\$77,384	\$77,197	\$77,011	\$76,824	\$76,637	\$76,451	\$76,264	\$76,077	\$925,246

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$13,435,775), 315.45 (\$327,307), and 312.40 (\$182)
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 2.5%, 3.1%, and 3.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Units 1 and 2 Flue Gas Conditioning
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	
3.	Less: Accumulated Depreciation	(4,566,662)	(4,582,803)	(4,598,944)	(4,615,085)	(4,631,226)	(4,647,367)	(4,663,508)	(4,679,649)	(4,695,790)	(4,711,931)	(4,728,072)	(4,744,213)	(4,760,354)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$451,072	434,931	418,790	402,649	386,508	370,367	354,226	338,085	321,944	305,803	289,662	273,521	257,380	
6.	Average Net Investment		443,002	426,861	410,720	394,579	378,438	362,297	346,156	330,015	313,874	297,733	281,592	265,451	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$2,226	\$2,145	\$2,064	\$1,983	\$1,901	\$1,820	\$1,739	\$1,658	\$1,577	\$1,496	\$1,415	\$1,334	\$21,358
b.	Debt Component Grossed Up For Taxes (C)		641	618	594	571	548	524	501	478	454	431	408	384	6,152
8.	Investment Expenses														
a.	Depreciation (D)		16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	16,141	193,692
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		19,008	18,904	18,799	18,695	18,590	18,485	18,381	18,277	18,172	18,068	17,964	17,859	221,202
a.	Recoverable Costs Allocated to Energy		19,008	18,904	18,799	18,695	18,590	18,485	18,381	18,277	18,172	18,068	17,964	17,859	221,202
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		19,008	18,904	18,799	18,695	18,590	18,485	18,381	18,277	18,172	18,068	17,964	17,859	221,202
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$19,008	\$18,904	\$18,799	\$18,695	\$18,590	\$18,485	\$18,381	\$18,277	\$18,172	\$18,068	\$17,964	\$17,859	\$221,202

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$2,676,217) and 312.42 (\$2,341,517)
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 4.0% and 3.7%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 Continuous Emissions Monitors
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	
3.	Less: Accumulated Depreciation	(597,605)	(599,915)	(602,225)	(604,535)	(606,845)	(609,155)	(611,465)	(613,775)	(616,085)	(618,395)	(620,705)	(623,015)	(625,325)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$268,606	266,296	263,986	261,676	259,366	257,056	254,746	252,436	250,126	247,816	245,506	243,196	240,886	
6.	Average Net Investment		267,451	265,141	262,831	260,521	258,211	255,901	253,591	251,281	248,971	246,661	244,351	242,041	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$1,344	\$1,332	\$1,321	\$1,309	\$1,297	\$1,286	\$1,274	\$1,263	\$1,251	\$1,239	\$1,228	\$1,216	\$15,360
b.	Debt Component Grossed Up For Taxes (C)		387	384	380	377	374	370	367	364	360	357	354	350	4,424
8.	Investment Expenses														
a.	Depreciation (D)		2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	2,310	27,720
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		4,041	4,026	4,011	3,996	3,981	3,966	3,951	3,937	3,921	3,906	3,892	3,876	47,504
a.	Recoverable Costs Allocated to Energy		4,041	4,026	4,011	3,996	3,981	3,966	3,951	3,937	3,921	3,906	3,892	3,876	47,504
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		4,041	4,026	4,011	3,996	3,981	3,966	3,951	3,937	3,921	3,906	3,892	3,876	47,504
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,041	\$4,026	\$4,011	\$3,996	\$3,981	\$3,966	\$3,951	\$3,937	\$3,921	\$3,906	\$3,892	\$3,876	\$47,504

Notes:

- (A) Applicable depreciable base for Big Bend; account 315.44
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 3.2%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Fuel Oil Tank # 1 Upgrade
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	
3.	Less: Accumulated Depreciation	(374,626)	(379,749)	(384,872)	(389,995)	(395,118)	(400,241)	(405,364)	(410,487)	(415,610)	(420,733)	(425,856)	(430,979)	(436,102)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$122,952	117,829	112,706	107,583	102,460	97,337	92,214	87,091	81,968	76,845	71,722	66,599	61,476	
6.	Average Net Investment		120,391	115,268	110,145	105,022	99,899	94,776	89,653	84,530	79,407	74,284	69,161	64,038	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$605	\$579	\$553	\$528	\$502	\$476	\$450	\$425	\$399	\$373	\$347	\$322	\$5,559
b.	Debt Component Grossed Up For Taxes (C)		174	167	159	152	145	137	130	122	115	108	100	93	1,602
8.	Investment Expenses														
a.	Depreciation (D)		5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	61,476
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		5,902	5,869	5,835	5,803	5,770	5,736	5,703	5,670	5,637	5,604	5,570	5,538	68,637
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		5,902	5,869	5,835	5,803	5,770	5,736	5,703	5,670	5,637	5,604	5,570	5,538	68,637
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		5,902	5,869	5,835	5,803	5,770	5,736	5,703	5,670	5,637	5,604	5,570	5,538	68,637
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$5,902	\$5,869	\$5,835	\$5,803	\$5,770	\$5,736	\$5,703	\$5,670	\$5,637	\$5,604	\$5,570	\$5,538	\$68,637

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.40
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is 12.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Fuel Oil Tank # 2 Upgrade
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	
3.	Less: Accumulated Depreciation	(616,174)	(624,600)	(633,026)	(641,452)	(649,878)	(658,304)	(666,730)	(675,156)	(683,582)	(692,008)	(700,434)	(708,860)	(717,286)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$202,227	193,801	185,375	176,949	168,523	160,097	151,671	143,245	134,819	126,393	117,967	109,541	101,115	
6.	Average Net Investment		198,014	189,588	181,162	172,736	164,310	155,884	147,458	139,032	130,606	122,180	113,754	105,328	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$995	\$953	\$910	\$868	\$826	\$783	\$741	\$699	\$656	\$614	\$572	\$529	\$9,146
b.	Debt Component Grossed Up For Taxes (C)		287	274	262	250	238	226	213	201	189	177	165	152	2,634
8.	Investment Expenses														
a.	Depreciation (D)		8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426	8,426	101,112
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		9,708	9,653	9,598	9,544	9,490	9,435	9,380	9,326	9,271	9,217	9,163	9,107	112,892
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		9,708	9,653	9,598	9,544	9,490	9,435	9,380	9,326	9,271	9,217	9,163	9,107	112,892
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		9,708	9,653	9,598	9,544	9,490	9,435	9,380	9,326	9,271	9,217	9,163	9,107	112,892
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$9,708	\$9,653	\$9,598	\$9,544	\$9,490	\$9,435	\$9,380	\$9,326	\$9,271	\$9,217	\$9,163	\$9,107	\$112,892

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.40
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is 12.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
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January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Classifier Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	
3.	Less: Accumulated Depreciation	(1,027,160)	(1,031,548)	(1,035,936)	(1,040,324)	(1,044,712)	(1,049,100)	(1,053,488)	(1,057,876)	(1,062,264)	(1,066,652)	(1,071,040)	(1,075,428)	(1,079,816)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$289,097	284,709	280,321	275,933	271,545	267,157	262,769	258,381	253,993	249,605	245,217	240,829	236,441	
6.	Average Net Investment		286,903	282,515	278,127	273,739	269,351	264,963	260,575	256,187	251,799	247,411	243,023	238,635	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$1,442	\$1,419	\$1,397	\$1,375	\$1,353	\$1,331	\$1,309	\$1,287	\$1,265	\$1,243	\$1,221	\$1,199	\$15,841
b.	Debt Component Grossed Up For Taxes (C)		415	409	403	396	390	384	377	371	364	358	352	345	4,564
8.	Investment Expenses														
a.	Depreciation (D)		4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	52,656
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		6,245	6,216	6,188	6,159	6,131	6,103	6,074	6,046	6,017	5,989	5,961	5,932	73,061
a.	Recoverable Costs Allocated to Energy		6,245	6,216	6,188	6,159	6,131	6,103	6,074	6,046	6,017	5,989	5,961	5,932	73,061
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		6,245	6,216	6,188	6,159	6,131	6,103	6,074	6,046	6,017	5,989	5,961	5,932	73,061
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$6,245	\$6,216	\$6,188	\$6,159	\$6,131	\$6,103	\$6,074	\$6,046	\$6,017	\$5,989	\$5,961	\$5,932	\$73,061

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.41
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 4.0%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 2 Classifier Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	
3.	Less: Accumulated Depreciation	(751,734)	(754,770)	(757,806)	(760,842)	(763,878)	(766,914)	(769,950)	(772,986)	(776,022)	(779,058)	(782,094)	(785,130)	(788,166)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$233,060	230,024	226,988	223,952	220,916	217,880	214,844	211,808	208,772	205,736	202,700	199,664	196,628	
6.	Average Net Investment		231,542	228,506	225,470	222,434	219,398	216,362	213,326	210,290	207,254	204,218	201,182	198,146	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$1,163	\$1,148	\$1,133	\$1,118	\$1,102	\$1,087	\$1,072	\$1,057	\$1,041	\$1,026	\$1,011	\$996	\$12,954
b.	Debt Component Grossed Up For Taxes (C)		335	331	326	322	318	313	309	304	300	296	291	287	3,732
8.	Investment Expenses														
a.	Depreciation (D)		3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	3,036	36,432
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		4,534	4,515	4,495	4,476	4,456	4,436	4,417	4,397	4,377	4,358	4,338	4,319	53,118
a.	Recoverable Costs Allocated to Energy		4,534	4,515	4,495	4,476	4,456	4,436	4,417	4,397	4,377	4,358	4,338	4,319	53,118
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		4,534	4,515	4,495	4,476	4,456	4,436	4,417	4,397	4,377	4,358	4,338	4,319	53,118
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
15.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,534	\$4,515	\$4,495	\$4,476	\$4,456	\$4,436	\$4,417	\$4,397	\$4,377	\$4,358	\$4,338	\$4,319	\$53,118

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.42
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is 3.7%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Section 114 Mercury Testing Platform
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	
3.	Less: Accumulated Depreciation	(58,915)	(59,207)	(59,499)	(59,791)	(60,083)	(60,375)	(60,667)	(60,959)	(61,251)	(61,543)	(61,835)	(62,127)	(62,419)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$61,822	61,530	61,238	60,946	60,654	60,362	60,070	59,778	59,486	59,194	58,902	58,610	58,318	
6.	Average Net Investment		61,676	61,384	61,092	60,800	60,508	60,216	59,924	59,632	59,340	59,048	58,756	58,464	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$310	\$308	\$307	\$305	\$304	\$303	\$301	\$300	\$298	\$297	\$295	\$294	\$3,622
b.	Debt Component Grossed Up For Taxes (C)		89	89	88	88	88	87	87	86	86	85	85	85	1,043
8.	Investment Expenses														
a.	Depreciation (D)		292	292	292	292	292	292	292	292	292	292	292	292	3,504
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		691	689	687	685	684	682	680	678	676	674	672	671	8,169
a.	Recoverable Costs Allocated to Energy		691	689	687	685	684	682	680	678	676	674	672	671	8,169
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		691	689	687	685	684	682	680	678	676	674	672	671	8,169
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$691	\$689	\$687	\$685	\$684	\$682	\$680	\$678	\$676	\$674	\$672	\$671	\$8,169

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.40
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 2.9%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Units 1 and 2 FGD
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	\$95,255,242	
3.	Less: Accumulated Depreciation	(61,360,265)	(61,622,184)	(61,884,103)	(62,146,022)	(62,407,941)	(62,669,860)	(62,931,779)	(63,193,698)	(63,455,617)	(63,717,536)	(63,979,455)	(64,241,374)	(64,503,293)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$33,894,977	33,633,058	33,371,139	33,109,220	32,847,301	32,585,382	32,323,463	32,061,544	31,799,625	31,537,706	31,275,787	31,013,868	30,751,949	
6.	Average Net Investment		33,764,017	33,502,098	33,240,179	32,978,260	32,716,341	32,454,422	32,192,503	31,930,584	31,668,665	31,406,746	31,144,827	30,882,908	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$169,644	\$168,328	\$167,013	\$165,697	\$164,381	\$163,065	\$161,749	\$160,433	\$159,117	\$157,801	\$156,485	\$155,169	\$1,948,882
	b. Debt Component Grossed Up For Taxes (C)		48,871	48,491	48,112	47,733	47,354	46,975	46,596	46,217	45,838	45,459	45,080	44,700	561,426
8.	Investment Expenses														
	a. Depreciation (D)		261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	261,919	3,143,028
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		480,434	478,738	477,044	475,349	473,654	471,959	470,264	468,569	466,874	465,179	463,484	461,788	5,653,336
	a. Recoverable Costs Allocated to Energy		480,434	478,738	477,044	475,349	473,654	471,959	470,264	468,569	466,874	465,179	463,484	461,788	5,653,336
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		480,434	478,738	477,044	475,349	473,654	471,959	470,264	468,569	466,874	465,179	463,484	461,788	5,653,336
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$480,434	\$478,738	\$477,044	\$475,349	\$473,654	\$471,959	\$470,264	\$468,569	\$466,874	\$465,179	\$463,484	\$461,788	\$5,653,336

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$105,398), 312.46 (\$94,929,061) & 315.46 (\$220,782)
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 2.5%, 3.3% and 3.5%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend FGD Optimization and Utilization
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	\$22,653,929	
3.	Less: Accumulated Depreciation	(9,917,006)	(9,964,653)	(10,012,300)	(10,059,947)	(10,107,594)	(10,155,241)	(10,202,888)	(10,250,535)	(10,298,182)	(10,345,829)	(10,393,476)	(10,441,123)	(10,488,770)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$12,736,923	12,689,276	12,641,629	12,593,982	12,546,335	12,498,688	12,451,041	12,403,394	12,355,747	12,308,100	12,260,453	12,212,806	12,165,159	
6.	Average Net Investment		12,713,100	12,665,453	12,617,806	12,570,159	12,522,512	12,474,865	12,427,218	12,379,571	12,331,924	12,284,277	12,236,630	12,188,983	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$63,876	\$63,637	\$63,397	\$63,158	\$62,918	\$62,679	\$62,440	\$62,200	\$61,961	\$61,721	\$61,482	\$61,243	\$750,712
b.	Debt Component Grossed Up For Taxes (C)		18,401	18,332	18,263	18,194	18,125	18,056	17,987	17,918	17,849	17,780	17,712	17,643	216,260
8.	Investment Expenses														
a.	Depreciation (D)		47,647	47,647	47,647	47,647	47,647	47,647	47,647	47,647	47,647	47,647	47,647	47,647	571,764
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		129,924	129,616	129,307	128,999	128,690	128,382	128,074	127,765	127,457	127,148	126,841	126,533	1,538,736
a.	Recoverable Costs Allocated to Energy		129,924	129,616	129,307	128,999	128,690	128,382	128,074	127,765	127,457	127,148	126,841	126,533	1,538,736
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		129,924	129,616	129,307	128,999	128,690	128,382	128,074	127,765	127,457	127,148	126,841	126,533	1,538,736
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$129,924	\$129,616	\$129,307	\$128,999	\$128,690	\$128,382	\$128,074	\$127,765	\$127,457	\$127,148	\$126,841	\$126,533	\$1,538,736

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$21,855,886), 311.45 (\$40,016), 316.40 (\$71,401), 315.45 (\$594,901), 312.42 (\$1,637), and 312.40 (\$90,088)
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 2.5%, 2.0%, 4.2%, 3.1%, 3.7%, and 3.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend NO_x Emissions Reduction
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	
3.	Less: Accumulated Depreciation	1,627,563	1,617,379	1,607,195	1,597,011	1,586,827	1,576,643	1,566,459	1,556,275	1,546,091	1,535,907	1,525,723	1,515,539	1,505,355	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$4,818,415	4,808,231	4,798,047	4,787,863	4,777,679	4,767,495	4,757,311	4,747,127	4,736,943	4,726,759	4,716,575	4,706,391	4,696,207	
6.	Average Net Investment		4,813,323	4,803,139	4,792,955	4,782,771	4,772,587	4,762,403	4,752,219	4,742,035	4,731,851	4,721,667	4,711,483	4,701,299	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$24,184	\$24,133	\$24,082	\$24,031	\$23,979	\$23,928	\$23,877	\$23,826	\$23,775	\$23,724	\$23,672	\$23,621	\$286,832
b.	Debt Component Grossed Up For Taxes (C)		6,967	6,952	6,937	6,923	6,908	6,893	6,878	6,864	6,849	6,834	6,819	6,805	82,629
8.	Investment Expenses														
a.	Depreciation (D)		10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	10,184	122,208
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		41,335	41,269	41,203	41,138	41,071	41,005	40,939	40,874	40,808	40,742	40,675	40,610	491,669
a.	Recoverable Costs Allocated to Energy		41,335	41,269	41,203	41,138	41,071	41,005	40,939	40,874	40,808	40,742	40,675	40,610	491,669
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		41,335	41,269	41,203	41,138	41,071	41,005	40,939	40,874	40,808	40,742	40,675	40,610	491,669
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$41,335	\$41,269	\$41,203	\$41,138	\$41,071	\$41,005	\$40,939	\$40,874	\$40,808	\$40,742	\$40,675	\$40,610	\$491,669

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$1,675,171), 312.42 (\$1,075,718), and 312.43 (\$439,963).
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 4.0%, 3.7%, and 3.5%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: PM Minimization and Monitoring
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	\$19,757,750	
3.	Less: Accumulated Depreciation	(6,544,786)	(6,605,658)	(6,666,530)	(6,727,402)	(6,788,274)	(6,849,146)	(6,910,018)	(6,970,890)	(7,031,762)	(7,092,634)	(7,153,506)	(7,214,378)	(7,275,250)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$13,212,964	13,152,092	13,091,220	13,030,348	12,969,476	12,908,604	12,847,732	12,786,860	12,725,988	12,665,116	12,604,244	12,543,372	12,482,500	
6.	Average Net Investment		13,182,528	13,121,656	13,060,784	12,999,912	12,939,040	12,878,168	12,817,296	12,756,424	12,695,552	12,634,680	12,573,808	12,512,936	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$66,235	\$65,929	\$65,623	\$65,317	\$65,011	\$64,705	\$64,399	\$64,094	\$63,788	\$63,482	\$63,176	\$62,870	\$774,629
b.	Debt Component Grossed Up For Taxes (C)		19,081	18,993	18,904	18,816	18,728	18,640	18,552	18,464	18,376	18,288	18,200	18,111	223,153
8.	Investment Expenses														
a.	Depreciation (D)		60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	60,872	730,464
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		146,188	145,794	145,399	145,005	144,611	144,217	143,823	143,430	143,036	142,642	142,248	141,853	1,728,246
a.	Recoverable Costs Allocated to Energy		146,188	145,794	145,399	145,005	144,611	144,217	143,823	143,430	143,036	142,642	142,248	141,853	1,728,246
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		146,188	145,794	145,399	145,005	144,611	144,217	143,823	143,430	143,036	142,642	142,248	141,853	1,728,246
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$146,188	\$145,794	\$145,399	\$145,005	\$144,611	\$144,217	\$143,823	\$143,430	\$143,036	\$142,642	\$142,248	\$141,853	\$1,728,246

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$5,831,465), 312.42 (\$5,153,072), 312.43 (\$7,875,560), 315.41 (\$17,504), 315.44 (\$351,594), and 315.43 (\$528,554)
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 4.0%, 3.7%, 3.5%, 3.5%, 3.2%, and 3.6%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Polk NO_x Emissions Reduction
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	
3.	Less: Accumulated Depreciation	(842,586)	(847,010)	(851,434)	(855,858)	(860,282)	(864,706)	(869,130)	(873,554)	(877,978)	(882,402)	(886,826)	(891,250)	(895,674)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$718,887	714,463	710,039	705,615	701,191	696,767	692,343	687,919	683,495	679,071	674,647	670,223	665,799	
6.	Average Net Investment		716,675	712,251	707,827	703,403	698,979	694,555	690,131	685,707	681,283	676,859	672,435	668,011	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$3,601	\$3,579	\$3,556	\$3,534	\$3,512	\$3,490	\$3,468	\$3,445	\$3,423	\$3,401	\$3,379	\$3,356	\$41,744
b.	Debt Component Grossed Up For Taxes (C)		1,037	1,031	1,025	1,018	1,012	1,005	999	993	986	980	973	967	12,026
8.	Investment Expenses														
a.	Depreciation (D)		4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	53,088
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		9,062	9,034	9,005	8,976	8,948	8,919	8,891	8,862	8,833	8,805	8,776	8,747	106,858
a.	Recoverable Costs Allocated to Energy		9,062	9,034	9,005	8,976	8,948	8,919	8,891	8,862	8,833	8,805	8,776	8,747	106,858
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		9,062	9,034	9,005	8,976	8,948	8,919	8,891	8,862	8,833	8,805	8,776	8,747	106,858
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$9,062	\$9,034	\$9,005	\$8,976	\$8,948	\$8,919	\$8,891	\$8,862	\$8,833	\$8,805	\$8,776	\$8,747	\$106,858

Notes:

- (A) Applicable depreciable base for Polk; account 342.81
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 3.4%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 SOFA
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	
3.	Less: Accumulated Depreciation	(1,062,962)	(1,069,359)	(1,075,756)	(1,082,153)	(1,088,550)	(1,094,947)	(1,101,344)	(1,107,741)	(1,114,138)	(1,120,535)	(1,126,932)	(1,133,329)	(1,139,726)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$1,495,768	1,489,371	1,482,974	1,476,577	1,470,180	1,463,783	1,457,386	1,450,989	1,444,592	1,438,195	1,431,798	1,425,401	1,419,004	
6.	Average Net Investment		1,492,570	1,486,173	1,479,776	1,473,379	1,466,982	1,460,585	1,454,188	1,447,791	1,441,394	1,434,997	1,428,600	1,422,203	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$7,499	\$7,467	\$7,435	\$7,403	\$7,371	\$7,339	\$7,306	\$7,274	\$7,242	\$7,210	\$7,178	\$7,146	\$87,870
b.	Debt Component Grossed Up For Taxes (C)		2,160	2,151	2,142	2,133	2,123	2,114	2,105	2,096	2,086	2,077	2,068	2,059	25,314
8.	Investment Expenses														
a.	Depreciation (D)		6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	6,397	76,764
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		16,056	16,015	15,974	15,933	15,891	15,850	15,808	15,767	15,725	15,684	15,643	15,602	189,948
a.	Recoverable Costs Allocated to Energy		16,056	16,015	15,974	15,933	15,891	15,850	15,808	15,767	15,725	15,684	15,643	15,602	189,948
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		16,056	16,015	15,974	15,933	15,891	15,850	15,808	15,767	15,725	15,684	15,643	15,602	189,948
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$16,056	\$16,015	\$15,974	\$15,933	\$15,891	\$15,850	\$15,808	\$15,767	\$15,725	\$15,684	\$15,643	\$15,602	\$189,948

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.44
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 3.0%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Pre-SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	
3.	Less: Accumulated Depreciation	(797,557)	(803,054)	(808,551)	(814,048)	(819,545)	(825,042)	(830,539)	(836,036)	(841,533)	(847,030)	(852,527)	(858,024)	(863,521)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$851,564	846,067	840,570	835,073	829,576	824,079	818,582	813,085	807,588	802,091	796,594	791,097	785,600	
6.	Average Net Investment		848,816	843,319	837,822	832,325	826,828	821,331	815,834	810,337	804,840	799,343	793,846	788,349	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$4,265	\$4,237	\$4,210	\$4,182	\$4,154	\$4,127	\$4,099	\$4,071	\$4,044	\$4,016	\$3,989	\$3,961	\$49,355
b.	Debt Component Grossed Up For Taxes (C)		1,229	1,221	1,213	1,205	1,197	1,189	1,181	1,173	1,165	1,157	1,149	1,141	14,220
8.	Investment Expenses														
a.	Depreciation (D)		5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	5,497	65,964
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		10,991	10,955	10,920	10,884	10,848	10,813	10,777	10,741	10,706	10,670	10,635	10,599	129,539
a.	Recoverable Costs Allocated to Energy		10,991	10,955	10,920	10,884	10,848	10,813	10,777	10,741	10,706	10,670	10,635	10,599	129,539
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		10,991	10,955	10,920	10,884	10,848	10,813	10,777	10,741	10,706	10,670	10,635	10,599	129,539
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$10,991	\$10,955	\$10,920	\$10,884	\$10,848	\$10,813	\$10,777	\$10,741	\$10,706	\$10,670	\$10,635	\$10,599	\$129,539

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.41
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 4.0%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 2 Pre-SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	
3.	Less: Accumulated Depreciation	(711,368)	(716,245)	(721,122)	(725,999)	(730,876)	(735,753)	(740,630)	(745,507)	(750,384)	(755,261)	(760,138)	(765,015)	(769,892)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$870,519	865,642	860,765	855,888	851,011	846,134	841,257	836,380	831,503	826,626	821,749	816,872	811,995	
6.	Average Net Investment		868,081	863,204	858,327	853,450	848,573	843,696	838,819	833,942	829,065	824,188	819,311	814,434	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$4,362	\$4,337	\$4,313	\$4,288	\$4,264	\$4,239	\$4,215	\$4,190	\$4,166	\$4,141	\$4,117	\$4,092	\$50,724
b.	Debt Component Grossed Up For Taxes (C)		1,256	1,249	1,242	1,235	1,228	1,221	1,214	1,207	1,200	1,193	1,186	1,179	14,610
8.	Investment Expenses														
a.	Depreciation (D)		4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	4,877	58,524
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		10,495	10,463	10,432	10,400	10,369	10,337	10,306	10,274	10,243	10,211	10,180	10,148	123,858
a.	Recoverable Costs Allocated to Energy		10,495	10,463	10,432	10,400	10,369	10,337	10,306	10,274	10,243	10,211	10,180	10,148	123,858
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		10,495	10,463	10,432	10,400	10,369	10,337	10,306	10,274	10,243	10,211	10,180	10,148	123,858
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$10,495	\$10,463	\$10,432	\$10,400	\$10,369	\$10,337	\$10,306	\$10,274	\$10,243	\$10,211	\$10,180	\$10,148	\$123,858

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.42
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 3.7%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 Pre-SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	
3.	Less: Accumulated Depreciation	(1,023,074)	(1,031,027)	(1,038,980)	(1,046,933)	(1,054,886)	(1,062,839)	(1,070,792)	(1,078,745)	(1,086,698)	(1,094,651)	(1,102,604)	(1,110,557)	(1,118,510)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$1,683,433	1,675,480	1,667,527	1,659,574	1,651,621	1,643,668	1,635,715	1,627,762	1,619,809	1,611,856	1,603,903	1,595,950	1,587,997	
6.	Average Net Investment		1,679,457	1,671,504	1,663,551	1,655,598	1,647,645	1,639,692	1,631,739	1,623,786	1,615,833	1,607,880	1,599,927	1,591,974	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$8,438	\$8,398	\$8,358	\$8,318	\$8,278	\$8,238	\$8,199	\$8,159	\$8,119	\$8,079	\$8,039	\$7,999	\$98,622
b.	Debt Component Grossed Up For Taxes (C)		2,431	2,419	2,408	2,396	2,385	2,373	2,362	2,350	2,339	2,327	2,316	2,304	28,410
8.	Investment Expenses														
a.	Depreciation (D)		7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	7,953	95,436
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		18,822	18,770	18,719	18,667	18,616	18,564	18,514	18,462	18,411	18,359	18,308	18,256	222,468
a.	Recoverable Costs Allocated to Energy		18,822	18,770	18,719	18,667	18,616	18,564	18,514	18,462	18,411	18,359	18,308	18,256	222,468
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		18,822	18,770	18,719	18,667	18,616	18,564	18,514	18,462	18,411	18,359	18,308	18,256	222,468
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$18,822	\$18,770	\$18,719	\$18,667	\$18,616	\$18,564	\$18,514	\$18,462	\$18,411	\$18,359	\$18,308	\$18,256	\$222,468

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.43 (\$1,995,677) and 315.43 (\$710,830)
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is 3.5% and 3.6%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	
3.	Less: Accumulated Depreciation	(36,269,622)	(36,578,788)	(36,887,954)	(37,197,120)	(37,506,286)	(37,815,452)	(38,124,618)	(38,433,784)	(38,742,950)	(39,052,116)	(39,361,282)	(39,670,448)	(39,979,614)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$49,449,480	49,140,314	48,831,148	48,521,982	48,212,816	47,903,650	47,594,484	47,285,318	46,976,152	46,666,986	46,357,820	46,048,654	45,739,488	
6.	Average Net Investment		49,294,897	48,985,731	48,676,565	48,367,399	48,058,233	47,749,067	47,439,901	47,130,735	46,821,569	46,512,403	46,203,237	45,894,071	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$247,678	\$246,125	\$244,571	\$243,018	\$241,465	\$239,911	\$238,358	\$236,804	\$235,251	\$233,698	\$232,144	\$230,591	\$2,869,614
b.	Debt Component Grossed Up For Taxes (C)		71,350	70,903	70,455	70,008	69,560	69,113	68,665	68,218	67,770	67,323	66,875	66,428	826,668
8.	Investment Expenses														
a.	Depreciation (D)		309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	309,166	3,709,992
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		628,194	626,194	624,192	622,192	620,191	618,190	616,189	614,188	612,187	610,187	608,185	606,185	7,406,274
a.	Recoverable Costs Allocated to Energy		628,194	626,194	624,192	622,192	620,191	618,190	616,189	614,188	612,187	610,187	608,185	606,185	7,406,274
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		628,194	626,194	624,192	622,192	620,191	618,190	616,189	614,188	612,187	610,187	608,185	606,185	7,406,274
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$628,194	\$626,194	\$624,192	\$622,192	\$620,191	\$618,190	\$616,189	\$614,188	\$612,187	\$610,187	\$608,185	\$606,185	\$7,406,274

Notes:
(A) Applicable depreciable base for Big Bend; account 311.51 (\$22,278,982), 312.51 (\$48,529,672), 315.51 (\$14,063,245), and 316.51 (\$847,203).
(B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
(C) Line 6 x 1.7369% x 1/12.
(D) Applicable depreciation rate is 4.1%, 4.3%, 4.8% and 4.1%
(E) Line 9a x Line 10
(F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 2 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133	\$96,538,133
3.	Less: Accumulated Depreciation	(38,275,236)	(38,587,613)	(38,899,990)	(39,212,367)	(39,524,744)	(39,837,121)	(40,149,498)	(40,461,875)	(40,774,252)	(41,086,629)	(41,399,006)	(41,711,383)	(42,023,760)	(42,023,760)
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$58,262,897	57,950,520	57,638,143	57,325,766	57,013,389	56,701,012	56,388,635	56,076,258	55,763,881	55,451,504	55,139,127	54,826,750	54,514,373	54,514,373
6.	Average Net Investment		58,106,708	57,794,331	57,481,954	57,169,577	56,857,200	56,544,823	56,232,446	55,920,069	55,607,692	55,295,315	54,982,938	54,670,561	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$291,952	\$290,383	\$288,813	\$287,244	\$285,674	\$284,105	\$282,535	\$280,966	\$279,396	\$277,827	\$276,257	\$274,688	\$3,399,840
b.	Debt Component Grossed Up For Taxes (C)		84,105	83,652	83,200	82,748	82,296	81,844	81,392	80,940	80,488	80,035	79,583	79,131	979,414
8.	Investment Expenses														
a.	Depreciation (D)		312,377	312,377	312,377	312,377	312,377	312,377	312,377	312,377	312,377	312,377	312,377	312,377	3,748,524
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)	688,434	688,434	686,412	684,390	682,369	680,347	678,326	676,304	674,283	672,261	670,239	668,217	666,196	8,127,778
a.	Recoverable Costs Allocated to Energy	688,434	688,434	686,412	684,390	682,369	680,347	678,326	676,304	674,283	672,261	670,239	668,217	666,196	8,127,778
b.	Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)	688,434	688,434	686,412	684,390	682,369	680,347	678,326	676,304	674,283	672,261	670,239	668,217	666,196	8,127,778
13.	Retail Demand-Related Recoverable Costs (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$688,434	\$688,434	\$686,412	\$684,390	\$682,369	\$680,347	\$678,326	\$676,304	\$674,283	\$672,261	\$670,239	\$668,217	\$666,196	\$8,127,778

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.52 (\$25,208,869), 312.52 (\$54,456,221), 315.52 (\$15,914,427), and 316.52 (\$958,616).
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 3.5%, 4.0%, 4.1% and 3.7%.
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 3 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	\$81,764,602	
3.	Less: Accumulated Depreciation	(33,988,473)	(34,240,547)	(34,492,621)	(34,744,695)	(34,996,769)	(35,248,843)	(35,500,917)	(35,752,991)	(36,005,065)	(36,257,139)	(36,509,213)	(36,761,287)	(37,013,361)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$47,776,129	47,524,055	47,271,981	47,019,907	46,767,833	46,515,759	46,263,685	46,011,611	45,759,537	45,507,463	45,255,389	45,003,315	44,751,241	
6.	Average Net Investment		47,650,092	47,398,018	47,145,944	46,893,870	46,641,796	46,389,722	46,137,648	45,885,574	45,633,500	45,381,426	45,129,352	44,877,278	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$239,414	\$238,147	\$236,881	\$235,614	\$234,348	\$233,081	\$231,815	\$230,548	\$229,282	\$228,015	\$226,749	\$225,482	\$2,789,376
	b. Debt Component Grossed Up For Taxes (C)		68,970	68,605	68,240	67,875	67,510	67,145	66,780	66,416	66,051	65,686	65,321	64,956	803,555
8.	Investment Expenses														
	a. Depreciation (D)		252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	252,074	3,024,888
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		560,458	558,826	557,195	555,563	553,932	552,300	550,669	549,038	547,407	545,775	544,144	542,512	6,617,819
	a. Recoverable Costs Allocated to Energy		560,458	558,826	557,195	555,563	553,932	552,300	550,669	549,038	547,407	545,775	544,144	542,512	6,617,819
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		560,458	558,826	557,195	555,563	553,932	552,300	550,669	549,038	547,407	545,775	544,144	542,512	6,617,819
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$560,458	\$558,826	\$557,195	\$555,563	\$553,932	\$552,300	\$550,669	\$549,038	\$547,407	\$545,775	\$544,144	\$542,512	\$6,617,819

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.53 (\$21,689,422), 312.53 (\$45,559,543), 315.53 (\$13,690,954), and 316.53 (\$824,684).
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 3.1%, 3.9%, 4.0%, and 3.4%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 4 SCR
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	\$66,814,861	
3.	Less: Accumulated Depreciation	(27,075,687)	(27,268,155)	(27,460,623)	(27,653,091)	(27,845,559)	(28,038,027)	(28,230,495)	(28,422,963)	(28,615,431)	(28,807,899)	(29,000,367)	(29,192,835)	(29,385,303)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$39,739,174</u>	<u>39,546,706</u>	<u>39,354,238</u>	<u>39,161,770</u>	<u>38,969,302</u>	<u>38,776,834</u>	<u>38,584,366</u>	<u>38,391,898</u>	<u>38,199,430</u>	<u>38,006,962</u>	<u>37,814,494</u>	<u>37,622,026</u>	<u>37,429,558</u>	
6.	Average Net Investment		39,642,940	39,450,472	39,258,004	39,065,536	38,873,068	38,680,600	38,488,132	38,295,664	38,103,196	37,910,728	37,718,260	37,525,792	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$199,183	\$198,216	\$197,249	\$196,282	\$195,314	\$194,347	\$193,380	\$192,413	\$191,446	\$190,479	\$189,512	\$188,545	\$2,326,366
b.	Debt Component Grossed Up For Taxes (C)		57,380	57,101	56,823	56,544	56,266	55,987	55,708	55,430	55,151	54,873	54,594	54,315	670,172
8.	Investment Expenses														
a.	Depreciation (D)		192,468	192,468	192,468	192,468	192,468	192,468	192,468	192,468	192,468	192,468	192,468	192,468	2,309,616
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		449,031	447,785	446,540	445,294	444,048	442,802	441,556	440,311	439,065	437,820	436,574	435,328	5,306,154
a.	Recoverable Costs Allocated to Energy		449,031	447,785	446,540	445,294	444,048	442,802	441,556	440,311	439,065	437,820	436,574	435,328	5,306,154
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		449,031	447,785	446,540	445,294	444,048	442,802	441,556	440,311	439,065	437,820	436,574	435,328	5,306,154
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$449,031</u>	<u>\$447,785</u>	<u>\$446,540</u>	<u>\$445,294</u>	<u>\$444,048</u>	<u>\$442,802</u>	<u>\$441,556</u>	<u>\$440,311</u>	<u>\$439,065</u>	<u>\$437,820</u>	<u>\$436,574</u>	<u>\$435,328</u>	<u>\$5,306,154</u>

Notes:

- (A) Applicable depreciable base for Big Bend; account 311.54 (\$16,857,250), 312.54 (\$38,069,546), 315.54 (\$10,642,027), 316.54 (\$687,934), and 315.40 (\$558,103)
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rates are 2.4%, 3.8%, 3.9%, 3.3%, and 3.7%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend FGD System Reliability
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	\$24,465,002	
3.	Less: Accumulated Depreciation	(5,834,851)	(5,886,427)	(5,938,003)	(5,989,579)	(6,041,155)	(6,092,731)	(6,144,307)	(6,195,883)	(6,247,459)	(6,299,035)	(6,350,611)	(6,402,187)	(6,453,763)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$18,630,151	18,578,575	18,526,999	18,475,423	18,423,847	18,372,271	18,320,695	18,269,119	18,217,543	18,165,967	18,114,391	18,062,815	18,011,239	
6.	Average Net Investment		18,604,363	18,552,787	18,501,211	18,449,635	18,398,059	18,346,483	18,294,907	18,243,331	18,191,755	18,140,179	18,088,603	18,037,027	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$93,476	\$93,217	\$92,958	\$92,699	\$92,440	\$92,180	\$91,921	\$91,662	\$91,403	\$91,144	\$90,885	\$90,626	\$1,104,611
b.	Debt Component Grossed Up For Taxes (C)		26,928	26,854	26,779	26,704	26,630	26,555	26,480	26,406	26,331	26,256	26,182	26,107	318,212
8.	Investment Expenses														
a.	Depreciation (D)		51,576	51,576	51,576	51,576	51,576	51,576	51,576	51,576	51,576	51,576	51,576	51,576	618,912
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		171,980	171,647	171,313	170,979	170,646	170,311	169,977	169,644	169,310	168,976	168,643	168,309	2,041,735
a.	Recoverable Costs Allocated to Energy		171,980	171,647	171,313	170,979	170,646	170,311	169,977	169,644	169,310	168,976	168,643	168,309	2,041,735
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		171,980	171,647	171,313	170,979	170,646	170,311	169,977	169,644	169,310	168,976	168,643	168,309	2,041,735
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$171,980	\$171,647	\$171,313	\$170,979	\$170,646	\$170,311	\$169,977	\$169,644	\$169,310	\$168,976	\$168,643	\$168,309	\$2,041,735

Notes:

- (A) Applicable depreciable base for Big Bend; account 312.45 (\$23,008,793) and 312.44 (\$1,456,209).
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is 2.5% and 3.0%.
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Mercury Air Toxics Standards (MATS)
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	\$8,646,413	
3.	Less: Accumulated Depreciation	(1,687,707)	(1,710,301)	(1,732,895)	(1,755,489)	(1,778,083)	(1,800,677)	(1,823,271)	(1,845,865)	(1,868,459)	(1,891,053)	(1,913,647)	(1,936,241)	(1,958,835)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$6,958,706	6,936,112	6,913,518	6,890,924	6,868,330	6,845,736	6,823,142	6,800,548	6,777,954	6,755,360	6,732,766	6,710,172	6,687,578	
6.	Average Net Investment		6,947,409	6,924,815	6,902,221	6,879,627	6,857,033	6,834,439	6,811,845	6,789,251	6,766,657	6,744,063	6,721,469	6,698,875	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$34,907	\$34,793	\$34,680	\$34,566	\$34,453	\$34,339	\$34,226	\$34,112	\$33,999	\$33,885	\$33,771	\$33,658	\$411,389
b.	Debt Component Grossed Up For Taxes (C)		10,056	10,023	9,990	9,958	9,925	9,892	9,860	9,827	9,794	9,761	9,729	9,696	118,511
8.	Investment Expenses														
a.	Depreciation (D)		22,594	22,594	22,594	22,594	22,594	22,594	22,594	22,594	22,594	22,594	22,594	22,594	271,128
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		67,557	67,410	67,264	67,118	66,972	66,825	66,680	66,533	66,387	66,240	66,094	65,948	801,028
a.	Recoverable Costs Allocated to Energy		67,557	67,410	67,264	67,118	66,972	66,825	66,680	66,533	66,387	66,240	66,094	65,948	801,028
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		67,557	67,410	67,264	67,118	66,972	66,825	66,680	66,533	66,387	66,240	66,094	65,948	801,028
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$67,557	\$67,410	\$67,264	\$67,118	\$66,972	\$66,825	\$66,680	\$66,533	\$66,387	\$66,240	\$66,094	\$65,948	\$801,028

Notes:

- (A) Applicable depreciable base for Big Bend and Polk; accounts 312.44 (\$3,427,481), 341.80(\$26,150), 315.40 (\$1,226,949), 315.41 (\$138,853), 315.42 (\$138,853), 312.45 (\$2,053,017), 312.46 (\$1,242,315), 315.44 (\$16,035), 315.45 (\$40,217) and 315.46 (\$50,784), 311.40 (\$13,216), 345.81 (\$2,232), 312.54 (\$210,295) and 395.00 (\$60,018)
- (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
- (C) Line 6 x 1.7369% x 1/12.
- (D) Applicable depreciation rate is 3.0%, 2.2%, 3.7%, 3.5%, 3.3%, 2.5%, 3.3%, 3.2%, 3.1%, 3.5%, 2.9%, 3.3%, 3.8%, and 14.3%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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For Project: SO₂ Emissions Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Purchases/Transfers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Working Capital Balance														
a.	FERC 158.1 Allowance Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d.	FERC 254.01 Regulatory Liabilities - Gains	(34,273)	(34,259)	(34,259)	(34,259)	(34,245)	(34,245)	(34,245)	(34,230)	(34,230)	(34,230)	(34,216)	(34,216)	(34,216)	
3.	Total Working Capital Balance	(34,273)	(34,259)	(34,259)	(34,259)	(34,245)	(34,245)	(34,245)	(34,230)	(34,230)	(34,230)	(34,216)	(34,216)	(34,216)	
4.	Average Net Working Capital Balance		(\$34,266)	(\$34,259)	(\$34,259)	(\$34,252)	(\$34,245)	(\$34,245)	(\$34,237)	(\$34,230)	(\$34,230)	(\$34,223)	(\$34,216)	(\$34,216)	
5.	Return on Average Net Working Capital Balance														
a.	Equity Component Grossed Up For Taxes (A)		(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(\$172)	(2,064)
b.	Debt Component Grossed Up For Taxes (B)		(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(600)
6.	Total Return Component		(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(222)	(2,664)
7.	Expenses:														
a.	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	SO ₂ Allowance Expense		(4)	11	11	(4)	11	11	(4)	11	11	(4)	11	11	71
8.	Net Expenses (D)		(4)	11	11	(4)	11	11	(4)	11	11	(4)	11	11	71
9.	Total System Recoverable Expenses (Lines 6 + 8)		(226)	(211)	(211)	(226)	(211)	(211)	(226)	(211)	(211)	(226)	(211)	(211)	(2,593)
a.	Recoverable Costs Allocated to Energy		(226)	(211)	(211)	(226)	(211)	(211)	(226)	(211)	(211)	(226)	(211)	(211)	(2,593)
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		(226)	(211)	(211)	(226)	(211)	(211)	(226)	(211)	(211)	(226)	(211)	(211)	(2,592)
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Juris. Recoverable Costs (Lines 12 + 13)		(\$226)	(\$211)	(\$211)	(\$226)	(\$211)	(\$211)	(\$226)	(\$211)	(\$211)	(\$226)	(\$211)	(\$211)	(\$2,592)

Notes:

- (A) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (B) Line 6 x 1.7369% x 1/12.
 (C) Line 6 is reported on Schedule 7E.
 (D) Line 8 is reported on Schedule 5E.
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Gypsum Storage Facility
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	\$21,467,359	
3.	Less: Accumulated Depreciation	(3,154,875)	(3,206,754)	(3,258,633)	(3,310,512)	(3,362,391)	(3,414,270)	(3,466,149)	(3,518,028)	(3,569,907)	(3,621,786)	(3,673,665)	(3,725,544)	(3,777,423)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$18,312,484	18,260,605	18,208,726	18,156,847	18,104,968	18,053,089	18,001,210	17,949,331	17,897,452	17,845,573	17,793,694	17,741,815	17,689,936	
6.	Average Net Investment		18,286,545	18,234,666	18,182,787	18,130,908	18,079,029	18,027,150	17,975,271	17,923,392	17,871,513	17,819,634	17,767,755	17,715,876	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$91,879	\$91,619	\$91,358	\$91,097	\$90,837	\$90,576	\$90,315	\$90,055	\$89,794	\$89,533	\$89,273	\$89,012	\$1,085,348
b.	Debt Component Grossed Up For Taxes (C)		26,468	26,393	26,318	26,243	26,168	26,093	26,018	25,943	25,868	25,792	25,717	25,642	312,663
8.	Investment Expenses														
a.	Depreciation (D)		51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	51,879	622,548
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		170,226	169,891	169,555	169,219	168,884	168,548	168,212	167,877	167,541	167,204	166,869	166,533	2,020,559
a.	Recoverable Costs Allocated to Energy		170,226	169,891	169,555	169,219	168,884	168,548	168,212	167,877	167,541	167,204	166,869	166,533	2,020,559
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		170,226	169,891	169,555	169,219	168,884	168,548	168,212	167,877	167,541	167,204	166,869	166,533	2,020,559
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$170,226	\$169,891	\$169,555	\$169,219	\$168,884	\$168,548	\$168,212	\$167,877	\$167,541	\$167,204	\$166,869	\$166,533	\$2,020,559

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 311.40
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is 2.9%
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend CCR Rule - Phase I
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$5,000	\$5,000	\$15,000	\$15,000	\$62,000	\$33,657	\$512,000	\$361,300	\$410,000	\$653,043	\$76,000	\$10,000	\$2,158,000
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676	\$961,676
3.	Less: Accumulated Depreciation	(51,765)	(54,145)	(56,525)	(58,905)	(61,285)	(63,665)	(66,045)	(68,425)	(70,805)	(73,185)	(75,565)	(77,945)	(80,325)	(80,325)
4.	CWIP - Non-Interest Bearing	400,233	405,233	410,233	425,233	440,233	502,233	535,890	1,047,890	1,409,190	1,819,190	2,472,233	2,548,232	2,558,232	
5.	Net Investment (Lines 2 + 3 + 4)	\$1,310,144	1,312,764	1,315,384	1,328,004	1,340,624	1,400,244	1,431,521	1,941,141	2,300,061	2,707,681	3,358,344	3,431,963	3,439,583	
6.	Average Net Investment		1,311,454	1,314,074	1,321,694	1,334,314	1,370,434	1,415,882	1,686,331	2,120,601	2,503,871	3,033,012	3,395,154	3,435,773	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$6,589	\$6,602	\$6,641	\$6,704	\$6,886	\$7,114	\$8,473	\$10,655	\$12,580	\$15,239	\$17,059	\$17,263	\$121,805
b.	Debt Component Grossed Up For Taxes (C)		1,898	1,902	1,913	1,931	1,984	2,049	2,441	3,069	3,624	4,390	4,914	4,973	35,088
8.	Investment Expenses														
a.	Depreciation (D)		2,380	2,380	2,380	2,380	2,380	2,380	2,380	2,380	2,380	2,380	2,380	2,380	28,560
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		10,867	10,884	10,934	11,015	11,250	11,543	13,294	16,104	18,584	22,009	24,353	24,616	185,453
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		10,867	10,884	10,934	11,015	11,250	11,543	13,294	16,104	18,584	22,009	24,353	24,616	185,453
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		10,867	10,884	10,934	11,015	11,250	11,543	13,294	16,104	18,584	22,009	24,353	24,616	185,453
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$10,867	\$10,884	\$10,934	\$11,015	\$11,250	\$11,543	\$13,294	\$16,104	\$18,584	\$22,009	\$24,353	\$24,616	\$185,453

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 311.40 (\$292,941), and 312.44 (\$668,735).
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is 2.9%, and 3.0%.
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend CCR Rule - Phase II
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$9,700	\$9,800	\$10,000	\$10,200	\$20,800	\$21,500	\$26,500	\$32,000	\$107,000	\$22,000	\$157,000	\$157,000	\$583,500
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	
4.	CWIP - Non-Interest Bearing	621,678	631,378	641,178	651,178	661,378	682,178	703,678	730,178	762,178	869,178	891,178	1,048,178	1,205,178	
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$621,678</u>	<u>631,378</u>	<u>641,178</u>	<u>651,178</u>	<u>661,378</u>	<u>682,178</u>	<u>703,678</u>	<u>730,178</u>	<u>762,178</u>	<u>869,178</u>	<u>891,178</u>	<u>1,048,178</u>	<u>1,205,178</u>	
6.	Average Net Investment		626,528	636,278	646,178	656,278	671,778	692,928	716,928	746,178	815,678	880,178	969,678	1,126,678	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$3,148	\$3,197	\$3,247	\$3,297	\$3,375	\$3,482	\$3,602	\$3,749	\$4,098	\$4,422	\$4,872	\$5,661	\$46,150
b.	Debt Component Grossed Up For Taxes (C)		907	921	935	950	972	1,003	1,038	1,080	1,181	1,274	1,404	1,631	13,296
8.	Investment Expenses														
a.	Depreciation (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		4,055	4,118	4,182	4,247	4,347	4,485	4,640	4,829	5,279	5,696	6,276	7,292	59,446
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		4,055	4,118	4,182	4,247	4,347	4,485	4,640	4,829	5,279	5,696	6,276	7,292	59,446
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		4,055	4,118	4,182	4,247	4,347	4,485	4,640	4,829	5,279	5,696	6,276	7,292	59,446
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$4,055</u>	<u>\$4,118</u>	<u>\$4,182</u>	<u>\$4,247</u>	<u>\$4,347</u>	<u>\$4,485</u>	<u>\$4,640</u>	<u>\$4,829</u>	<u>\$5,279</u>	<u>\$5,696</u>	<u>\$6,276</u>	<u>\$7,292</u>	<u>\$59,446</u>

Notes:

- (A) Applicable depreciable base for Big Bend; accounts TBD depending on type of plant added
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is TBD depending on type of plant added
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend ELG Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$50,000	\$50,000	\$300,000	\$300,000	\$300,000	\$300,000	\$600,000	\$600,000	\$600,000	\$600,000	\$400,000	\$400,000	\$4,500,000
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	CWIP - Non-Interest Bearing	119,487	169,487	219,487	519,487	819,487	1,119,487	1,419,487	2,019,487	2,619,487	3,219,487	3,819,487	4,219,487	4,619,487	
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$119,487</u>	<u>169,487</u>	<u>219,487</u>	<u>519,487</u>	<u>819,487</u>	<u>1,119,487</u>	<u>1,419,487</u>	<u>2,019,487</u>	<u>2,619,487</u>	<u>3,219,487</u>	<u>3,819,487</u>	<u>4,219,487</u>	<u>4,619,487</u>	
6.	Average Net Investment		144,487	194,487	369,487	669,487	969,487	1,269,487	1,719,487	2,319,487	2,919,487	3,519,487	4,019,487	4,419,487	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$726	\$977	\$1,856	\$3,364	\$4,871	\$6,378	\$8,639	\$11,654	\$14,669	\$17,683	\$20,196	\$22,205	\$113,218
b.	Debt Component Grossed Up For Taxes (C)		209	282	535	969	1,403	1,837	2,489	3,357	4,226	5,094	5,818	6,397	32,616
8.	Investment Expenses														
a.	Depreciation (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		935	1,259	2,391	4,333	6,274	8,215	11,128	15,011	18,895	22,777	26,014	28,602	145,834
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		935	1,259	2,391	4,333	6,274	8,215	11,128	15,011	18,895	22,777	26,014	28,602	145,834
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		935	1,259	2,391	4,333	6,274	8,215	11,128	15,011	18,895	22,777	26,014	28,602	145,834
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$935</u>	<u>\$1,259</u>	<u>\$2,391</u>	<u>\$4,333</u>	<u>\$6,274</u>	<u>\$8,215</u>	<u>\$11,128</u>	<u>\$15,011</u>	<u>\$18,895</u>	<u>\$22,777</u>	<u>\$26,014</u>	<u>\$28,602</u>	<u>\$145,834</u>

Notes:

- (A) Applicable depreciable base for Big Bend; accounts TBD depending on type of plant added
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is TBD depending on type of plant added
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 to December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Big Bend Unit 1 Sec. 316(b) Impingement Mortality
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,200,000
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.	CWIP - Non-Interest Bearing	932,323	1,032,323	1,132,323	1,232,323	1,332,323	1,432,323	1,532,323	1,632,323	1,732,323	1,832,323	1,932,323	2,032,323	2,132,323	
5.	Net Investment (Lines 2 + 3 + 4)	<u>\$932,323</u>	<u>1,032,323</u>	<u>1,132,323</u>	<u>1,232,323</u>	<u>1,332,323</u>	<u>1,432,323</u>	<u>1,532,323</u>	<u>1,632,323</u>	<u>1,732,323</u>	<u>1,832,323</u>	<u>1,932,323</u>	<u>2,032,323</u>	<u>2,132,323</u>	
6.	Average Net Investment		982,323	1,082,323	1,182,323	1,282,323	1,382,323	1,482,323	1,582,323	1,682,323	1,782,323	1,882,323	1,982,323	2,082,323	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$4,936	\$5,438	\$5,940	\$6,443	\$6,945	\$7,448	\$7,950	\$8,453	\$8,955	\$9,458	\$9,960	\$10,462	\$92,388
b.	Debt Component Grossed Up For Taxes (C)		1,422	1,567	1,711	1,856	2,001	2,146	2,290	2,435	2,580	2,725	2,869	3,014	26,616
8.	Investment Expenses														
a.	Depreciation (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		6,358	7,005	7,651	8,299	8,946	9,594	10,240	10,888	11,535	12,183	12,829	13,476	119,004
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		6,358	7,005	7,651	8,299	8,946	9,594	10,240	10,888	11,535	12,183	12,829	13,476	119,004
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		6,358	7,005	7,651	8,299	8,946	9,594	10,240	10,888	11,535	12,183	12,829	13,476	119,004
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$6,358</u>	<u>\$7,005</u>	<u>\$7,651</u>	<u>\$8,299</u>	<u>\$8,946</u>	<u>\$9,594</u>	<u>\$10,240</u>	<u>\$10,888</u>	<u>\$11,535</u>	<u>\$12,183</u>	<u>\$12,829</u>	<u>\$13,476</u>	<u>\$119,004</u>

Notes:

- (A) Applicable depreciable base for Big Bend; accounts TBD depending on type of plant added
 (B) Line 6 x 6.0293% x 1/12. Based on ROE of 10.25% and weighted income tax rate of 25.345% (expansion factor of 1.34295)
 (C) Line 6 x 1.7369% x 1/12.
 (D) Applicable depreciation rate is TBD depending on type of plant added
 (E) Line 9a x Line 10
 (F) Line 9b x Line 11

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 3 Flue Gas Desulfurization Integration

Project Description:

This project involved the integration of Big Bend Unit 3 flue gases into the Big Bend Unit 4 Flue Gas Desulfurization ("FGD") system. The integration was accomplished by installing interconnecting ductwork between Unit 3 precipitator outlet ducts and the Unit 4 FGD inlet duct. The Unit 4 FGD outlet duct was interconnected with the Unit 3 chimney via new ductwork and a new stack breaching. New ductwork, linings, isolation dampers, support steel, and stack annulus pressurization fans were procured and installed. Modifications to the materials handling systems and controls were also necessary.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019, is \$942,371 compared to the original projection of \$932,808.

The actual/estimated O&M expense for the period January 2019 through December 2019 is \$481,495 compared to the original projection of \$709,500. The variance is due to greater operation on natural gas, compared to the original projection. This reduces the expected need for consumables and maintenance.

Progress Summary: This project was approved by the Commission in Docket No. 19960688-EI, Order No. PSC-1996-1048-FOF-EI, issued August 14, 1996. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$925,246.

Estimated O&M costs for the period January 2020 through December 2020 are \$390,754.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Units 1 & 2 Flue Gas Conditioning

Project Description:

The existing electrostatic precipitators were not designed for the range of fuels needed for compliance with the Clean Air Act Amendments ("CAAA"). Flue gas conditioning was required to assure operation of the generating units in accordance with applicable permits and regulations. This equipment is still required to ensure compliance with the CAAA in the event the FGD system on Units 1 & 2 is not operating.

The project involved the addition of molten sulfur unloading, storage and conveying to sulfur burners and catalytic converters where SO₂ is converted to SO₃. The control and injection system then injects this into the ductwork ahead of the electrostatic precipitators.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$235,507 compared to the original projection of \$234,889.

There was no actual/estimated O&M expense projected, nor any original projection for the period January 2019 through December 2019.

Progress Summary: This project was approved by the Commission in Docket No. 19960688-EI, Order No. PSC-1996-1048-FOF-EI, issued August 14, 1996. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$221,202.

There are no O&M costs projected for the period of January 2020 through December 2020.

Tampa Electric Company
Environmental Cost Recovery Clause
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Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 4 Continuous Emissions Monitors

Project Description:

Continuous emissions monitors ("CEMs") were installed on the flue gas inlet and outlet of Big Bend Unit 4 to monitor compliance with the CAAA requirements. The monitors are capable of measuring, recording and electronically reporting SO₂, NO_x and volumetric gas flow out of the stack. The project consisted of monitors, a CEM building, the CEMs control and power cables to supply a complete system.

40 CFR Part 75 includes the general requirements for the installation, certification, operation and maintenance of CEMs and specific requirements for the monitoring of pollutants, opacity and volumetric flow. These regulations are very comprehensive and specific as to the requirements for CEMs, and in essence, they define the components needed and their configuration.

Project Accomplishment:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$49,297 compared to the original projection of \$48,959.

Progress Summary: This project was approved by the Commission in Docket No. 19960688-EI, Order No. PSC-1996-1048-FOF-EI, issued August 14, 1996. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$47,504.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 1 Classifier Replacement

Project Description:

The boiler modifications at Big Bend Unit 1 are part of Tampa Electric's NO_x compliance strategy for Phase II of the CAAA. The classifier replacements optimize coal fineness by providing a uniform particle size. This finer classification, combined with the equalized distribution of coal to outlet pipes and furnaces, enables a uniform, staged combustion. As a result, firing systems operate at lower NO_x levels.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$76,749 compared to the original projection of \$76,373.

Progress Summary: This project was approved by the Commission in Docket No. 19980007-EI, Order No. PSC-1998-1764-FOF-EI, issued December 31, 1998. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$73,061.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 2 Classifier Replacement

Project Description:

The boiler modifications at Big Bend Unit 2 are part of Tampa Electric's NO_x compliance strategy for Phase II of the CAAA. The classifier replacements optimize coal fineness by providing a more uniform particle size. This finer classification, combined with the equalized distribution of coal to outlet pipes and furnaces, enables a uniform, staged combustion. As a result, firing systems operate at lower NO_x levels.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$55,626 compared to the original projection of \$55,324.

Progress Summary: This project was approved by the Commission in Docket No. 19980007-EI, Order No. PSC-1998-1764-FOF-EI, issued December 31, 1998. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$53,118.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Units 1 & 2 FGD

Project Description:

The Big Bend Units 1 & 2 FGD system consists of equipment capable of removing SO₂ from the flue gas generated by the combustion of coal. The FGD was installed in order to comply with Phase II of the CAAA. Compliance with Phase II was required by January 1, 2000. The CAAA impose SO₂ emission limits on existing steam electric units with an output capacity of greater than 25 megawatts and all new utility units. Tampa Electric conducted an exhaustive analysis of options to comply with Phase II of the CAAA that culminated in the selection of the FGD project to serve Big Bend Units 1 & 2.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$5,852,617 compared to the original projection of \$5,809,756.

The actual/estimated O&M expense for the period January 2019 through December 2019 is \$134,789 compared to the original estimate of \$680,000, resulting in a variance of -80.2 percent. This variance is due to Big Bend Units 1 and 2 burning more natural gas and less coal than projected, which reduced the consumables and maintenance needed.

Progress Summary: This project was approved by the Commission in Docket No. 19980693-EI, Order No. PSC-1999-0075-FOF-EI, issued January 11, 1999. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$5,653,336.

Estimated O&M costs for the period January 2020 through December 2020 are \$250,146.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Section 114 Mercury Testing Platform

Project Description:

The Mercury Emissions Information Collection Effort is mandated by the EPA. The EPA asserts that Section 114 of the CAAA grants EPA the authority to request the collection of information necessary for it to study whether it is appropriate and necessary to develop performance of emission standards for electric utility steam generating units.

In a letter dated November 25, 1998, Tampa Electric was notified by the EPA that, pursuant to Section 114 of the CAAA, the company was required to periodically sample and analyze coal shipments for mercury and chlorine content during the period January 1, 1999 through December 31, 1999.

In addition to coal sampling, stack testing and analyses are also required. Tampa Electric received a second letter from EPA, dated March 11, 1999, requiring Tampa Electric to perform specialized mercury testing of the inlet and outlet of the last emission control device installed for Big Bend Units 1, 2 or 3, and Polk Unit 1 as part of the mercury data collection. Part of the cost incurred to perform the stack testing is due to the need to construct special test facilities at the Big Bend stack testing location to meet EPA's testing requirements.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019, is \$8,361 compared to the original projection of \$8,284.

Progress Summary: This project was approved by the Commission in Docket No. 19990976-EI, Order No. PSC-1999-2103-PAA-EI, issued October 25, 1999. The project was placed in service in December 1999 and completed in May 2000.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$8,169.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend FGD Optimization and Utilization

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to optimize the SO₂ removal efficiency and operations of the Big Bend Units 1, 2 and 3 FGD systems. Tampa Electric performed activities in three key areas to improve the performance and reliability of the Big Bend Units 1, 2 and 3 FGD systems. The majority of the improvements required on the Unit 3 tower module included the tower piping, nozzle and internal improvements, ductwork improvements, electrical system reliability improvements, tower control improvements, dibasic acid system improvements, booster fan reliability, absorber system improvements, quencher system improvements, and tower demister improvements. Big Bend Units 1 and 2 FGD system improvements included additional preventative maintenance, oxidation air control improvements, and tower water, air reagent and start-up piping upgrades. In order to ensure reliability of the FGD systems, improvements to the common limestone supply, gypsum de-watering stack reliability and wastewater treatment plant were also performed.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$1,566,247 compared to the original projection of \$1,576,840.

Progress Summary: This project was approved by the Commission in Docket No. 20000685-EI, Order No. PSC-2000-1906-PAA-EI, issued October 18, 2000. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$1,538,736.

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Project Title: Big Bend PM Minimization and Monitoring

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric is required to develop a Best Operational Practices ("BOP") study to minimize emissions from each electrostatic precipitator ("ESP") at Big Bend, as well as perform a best available control technology ("BACT") analysis for the upgrade of each existing ESP. The company is also required to install and operate particulate matter continuous emission monitors on Big Bend Units 1, 2 and 3 FGD systems. Tampa Electric identified improvements that were necessary to optimize ESP performance such as modifications to the turning vanes and precipitator distribution plates, and upgrades to the controls and software system of the precipitators. Tampa Electric incurred costs associated with the recommendations of the BOP study and the BACT analysis in 2001 and continues to make O&M and capital expenditures.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$1,767,965 compared to the original projection of \$1,751,406.

The actual/estimated O&M expense for the period January 2019 through December 2019 is \$307,226 compared to the original projection of \$398,500, resulting in a variance of -22.9 percent. This variance is due to less maintenance being required than expected, after inspection.

Progress Summary: This project was approved by the Commission in Docket No. 20001186-EI, Order No. PSC-2000-2104-PAA-EI, issued November 6, 2000. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$1,728,246.

Estimated O&M costs for the period January 2020 through December 2020 are \$398,500.

Tampa Electric Company
Environmental Cost Recovery Clause
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Project Title: Big Bend NO_x Emissions Reduction

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to spend up to \$3 million with the goal to reduce NO_x emissions at Big Bend Station. By 2002, the Consent Decree required the company to achieve at least a 30 percent reduction beyond 1998 NO_x emission levels for Big Bend Units 1 and 2 and at least a 15 percent reduction in NO_x emissions from Big Bend Unit 3. Tampa Electric identified and completed projects that were the first steps to decrease NO_x emissions in these units such as burner and windbox modifications and the installation of a neural network system on each of the Big Bend units.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$495,092 compared to the original projection of \$489,098.

The actual/estimated O&M expense for the period January 2019 through December 2019 is \$9,306 compared to the original projection of \$60,000, resulting in a variance of -84.5 percent. This variance is due to the operation of Big Bend Units 1 and 2 on natural gas.

Progress Summary: This project was approved by the Commission in Docket No. 20001186-EI, Order No. PSC-2000-2104-PAA-EI, issued November 6, 2000. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$491,669.

Estimated O&M costs for the period January 2020 through December 2020 are \$12,000.

Tampa Electric Company
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Project Title: Big Bend Fuel Oil Tank No. 1 Upgrade

Project Description:

The Big Bend Fuel Oil Tank No. 1 Upgrade is a 500,000 gallon field-erected fuel storage tank that is required to meet the requirements of FDEP Rule 62-762 as an existing field-erected above ground storage tank containing a regulated pollutant (diesel fuel). The rule required various modifications and a complete internal inspection by the end of 1999.

The scope of work for this project included cleaning and inspecting the tank in accordance with API 653 specifications, coating the internal floor plus 30 inches up the tank wall, installing an AEI Segundo bottom to the tank as well as installing a leak detection system, installing a spill containment for piping fittings and valves surrounding the tank, installing a new truck unloading facility and spill containment for the truck unloading facility, installing level instrumentation for overfill protection, installing secondary containment for below ground piping or reroute to above ground, and conducting a tank closure assessment.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$73,205 compared to the original projection of \$73,033.

Progress Summary: This project was approved by the Commission in Docket No. 19980007-EI, Order No. PSC-1998-0408-FOF-EI, issued March 18, 1998. The project has been retired.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is projected to be \$68,637.

Tampa Electric Company
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Project Title: Big Bend Fuel Oil Tank No. 2 Upgrade

Project Description:

The Big Bend Fuel Oil Tank No. 2 is a 4,200,000 gallon field-erected fuel storage tank that is required to meet the requirements of FDEP Rule 62-762 as an existing field-erected above ground storage tank containing a regulated pollutant (diesel fuel). The rule required various modifications and a complete internal inspection by the end of 1999.

The scope of work for this project included cleaning and inspecting the tank in accordance with API 653 specifications, coating the internal floor plus 30 inches up the tank wall, installing an AEI Segundo bottom to the tank as well as installing a leak detection system, installing a spill containment for piping fittings and valves surrounding the tank, installing a new truck unloading facility and spill containment for the truck unloading facility, installing level instrumentation for overfill protection, installing secondary containment for below ground piping or reroute to above ground, and conducting a tank closure assessment.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$120,399 compared to the original projection of \$120,117.

Progress Summary: This project was approved by the Commission in Docket No. 19980007-EI, Order No. PSC-1998-0408-FOF-EI, issued March 18, 1998. The project has been retired.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$112,892.

Tampa Electric Company
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Project Title: SO₂ Emission Allowances

Project Description:

The acid rain control title of the CAAA sets forth a comprehensive regulatory mechanism designed to control acid rain by limiting sulfur dioxide emissions by electric utilities. The CAAA requires reductions in SO₂ emissions in two phases. Phase I began on January 1, 1995 and applies to 110 mostly coal-fired utility plants containing about 260 generating units. These plants are owned by some 40 jurisdictional utility systems that are expected to reduce annual SO₂ emissions by as much as 4.5 million tons. Phase II began on January 1, 2000, and applies to virtually all existing steam-electric generating utility units with capacity exceeding 25 megawatts and to new generating utility units of any size. The EPA issues to the owners of generating units allowances (defined as an authorization to emit, during or after a specified calendar year, one ton of SO₂) equal to the number of tons of SO₂ emissions authorized by the CAAA. EPA does not assess a charge for the allowances it awards.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated return on average net working capital for the period January 2019 through December 2019 is (\$2,622) compared to the original projection of (\$2,616).

The actual/estimated O&M for the period January 2019 through December 2019 is (\$22) compared to the original projection of \$0. The variance is not material.

Progress Summary: SO₂ emission allowances are being used by Tampa Electric to meet compliance standards for Phase I of the CAAA.

Project Projections: Estimated return on average net working capital for the period January 2020 through December 2020 is (\$2,664).

Estimated O&M costs for the period January 2020 through December 2020 are \$71.

Tampa Electric Company
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Project Title: National Pollutant Discharge Elimination System ("NPDES") Annual Surveillance Fees

Project Description:

Chapter 62-4.052, Florida Administrative Code ("F. A. C."), implements the annual regulatory program and surveillance fees for wastewater permits. These fees are in addition to the application fees described in Rule 62-4.050, F. A. C. Tampa Electric's Big Bend, Polk and Bayside Stations are affected by this rule.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated O&M expense for the period January 2019 through December 2019 is \$34,500 compared to the original projection of \$34,500. There is no variance.

Progress Summary: NPDES Surveillance fees are paid annually for the prior year.

Projections: Estimated O&M costs for the period January 2020 through December 2020 are \$34,500.

Tampa Electric Company
Environmental Cost Recovery Clause
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Project Title: Gannon Thermal Discharge Study

Project Description:

This project was a direct requirement from the FDEP in conjunction with the renewal of Tampa Electric's Industrial Wastewater Facility Permit under the provisions of Chapter 403, Florida Statutes, and applicable rules of the Florida Administrative Code, which constitute authorization for the company's Gannon Station facility to discharge to waters of the State under the NPDES. The FDEP permit is Permit No. FL0000809. Specifically, Tampa Electric was required to perform a 316(a) determination for Gannon Station to ensure the protection and propagation of a balanced, indigenous population of shellfish, fish and wildlife within the primary area of study. The project had two facets: 1) developing a plan of study and identified the thermal plume, and 2) implemented the plan of study through appropriate sampling to make the determination if any adverse impacts are occurring.

Project Accomplishments:

Fiscal Expenditures: There is no actual/estimated O&M expense projected, nor any original projection for the period January 2019 through December 2019.

Progress Summary: This project was approved by the Commission in Docket No. 20010593-EI, Order No. PSC-2001-1847-PAA-EI on September 4, 2001. The project is complete and in service.

Projections: There are no O&M costs projected for the period of January 2020 through December 2020.

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Project Title: Polk NO_x Emissions Reduction

Project Description:

This project was designed to meet a lower NO_x emissions limit established by the FDEP for Polk Unit 1 by July 1, 2005. The lower limit of 15 parts per million by volume dry basis at 15 percent O₂ is specified in FDEP Permit No. PSD-FL-194F issued February 5, 2002. The project consisted of two phases: 1) the humidification of syngas through the installation of a syngas saturator; and 2) the modification of controls and the installation of additional guide vanes to the diluent nitrogen compressor.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$110,041 compared to the original projection of \$109,135.

The actual/estimated O&M for the period January 2019 through December 2019 is \$0 compared to the original projection of \$5,000. The variance is not material.

Progress Summary: This project was approved by the Commission in Docket No. 20020726-EI, Order No. PSC-2002-1445-PAA-EI on October 21, 2002. The project is complete and in service.

Project Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$106,858.

There are no O&M costs projected for the period of January 2020 through December 2020.

Tampa Electric Company
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Project Title: Bayside SCR Consumables

Project Description:

This project is necessary to achieve the NO_x emissions limit of 3.5 parts per million established by the FDEP Consent Final Judgment and the EPA Consent Decree for the natural gas-fired Bayside Power Station. To achieve this NO_x limit, the installation of selective catalytic reduction (SCR) systems is required. An SCR system requires consumable goods – primarily anhydrous ammonia – to be injected into the catalyst bed in order to achieve the required NO_x emissions limit. Principally, the project was designed to capture the cost of consumable goods necessary to operate the SCR systems.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated O&M expense for the period January 2019 through December 2019 is \$126,480 compared to the original projection of \$119,000. The variance is not material.

Progress Summary: This project was approved by the Commission in Docket No. 20021255-EI, Order No. PSC-2003-0469-PAA-EI, issued April 4, 2003. Annual O&M expenses will continue to be incurred.

Projections: Estimated O&M costs for the period January 2020 through December 2020 are projected to be \$119,000.

Tampa Electric Company
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Project Title: Big Bend Unit 4 Separated Overfire Air ("SOFA")

Project Description:

This project is necessary to assist in achieving the NO_x emissions limit established by the FDEP Consent Final Judgment and the EPA Consent Decree for Big Bend Unit 4. A SOFA system stages secondary combustion air to prevent NO_x formation that would otherwise require removal by post-combustion technology. In-furnace combustion control through a SOFA system is the most cost-effective means to reduce NO_x emissions prior to the application of these technologies. Costs associated with the SOFA system entailed capital expenditures for equipment installation and subsequent annual maintenance.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$193,988 compared to the original projection of \$192,117.

There was no actual/estimated O&M expense projected, nor any original projection for the period January 2019 through December 2019.

Progress Summary: This project was approved by the Commission in Docket No. 20030226-EI, Order No. PSC-2003-0684-PAA-EI, issued June 6, 2003. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$189,948.

There are no O&M costs projected for the period of January 2020 through December 2020.

Tampa Electric Company
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Description and Progress Report for
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Project Title: Big Bend Unit 1 Pre-SCR

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to make additional reductions of NO_x emissions at Big Bend Station on a per unit basis at prescribed times from 2018 through 2019. Thus, the installation of cost-effective SCR technology on the generating units was necessary to meet NO_x emissions requirements. This project was a necessary precursor to an SCR system designed to reduce inlet NO_x concentrations to the SCR system thereby mitigating overall capital and O&M costs. The Big Bend Unit 1 Pre-SCR technologies included a neural network system, secondary air controls and windbox modifications.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$133,545 compared to the original projection of \$132,473.

The actual/estimated O&M expense for this project for the period January 2019 through December 2019 is \$9,757 compared to the original projection of \$6,000. The variance is not material.

Progress Summary: This project was approved by the Commission in Docket No. 20040750-EI, Order No. PSC-2004-1080-CO-EI, issued November 4, 2004. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$129,539.

Estimated O&M costs for the period of January 2020 through December 2020 are \$10,800.

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Project Title: Big Bend Unit 2 Pre-SCR

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to make additional reductions of NO_x emissions at Big Bend Station on a per unit basis at prescribed times from 2019 through 2019. Thus, the installation of cost-effective SCR technology on the generating units was necessary to meet NO_x emissions requirements. This project was a necessary precursor to an SCR system designed to reduce inlet NO_x concentrations to the SCR system thereby mitigating overall capital and O&M costs. The Big Bend Unit 2 Pre-SCR technologies included secondary air controls and windbox modifications.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$127,276 compared to the original projection of \$126,179.

The actual/estimated O&M expense for this project for the period January 2019 through December 2019 is \$5,260 compared to the original projection of \$6,000. The variance is not material.

Progress Summary: This project was approved by the Commission in Docket No. 20040750-EI, Order No. PSC-2004-1080-CO-EI, issued November 4, 2004. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$123,858.

Estimated O&M costs for the period of January 2020 through December 2020 are \$10,800.

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Project Title: Big Bend Unit 3 Pre-SCR

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to make additional reductions of NO_x emissions at Big Bend Station on a per unit basis at prescribed times from 2019 through 2019. Thus, the installation of cost-effective SCR technology on the generating units was necessary to meet NO_x emissions requirements. This project was a necessary precursor to an SCR system designed to reduce inlet NO_x concentrations to the SCR system thereby mitigating overall capital and O&M costs. The Big Bend Unit 3 Pre-SCR technologies included a neutral network system, secondary air controls, windbox modifications and primary coal/air flow controls.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$227,710 compared to the original projection of \$225,602.

The actual/estimated O&M for the period January 2019 through December 2019 is \$17,525 compared to the original projection of \$6,000. The variance is not material.

Progress Summary: This project was approved by the Commission in Docket No. 20040750-EI, Order No. PSC-2004-1080-CO-EI, issued November 4, 2004. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$222,468.

Estimated O&M costs for the period of January 2020 through December 2020 are \$12,000.

Tampa Electric Company
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Project Title: Clean Water Act Section 316(b) Phase II Study

Project Description:

This project was a direct requirement from the EPA to reduce impingement and entrainment of aquatic organisms related to the withdrawal of waters for cooling purposes through cooling water intake structures. The Phase II Rule requires that power plants meet certain criteria to comply with national performance standards for impingement and entrainment. Accordingly, Tampa Electric must develop its compliance strategies for its Bayside and Big Bend Stations and then submit these strategies for approval through a Comprehensive Demonstration Study to the FDEP.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated O&M for the period January 2019 through December 2019 is \$30,286 compared to the original projection of \$90,000, resulting in a variance of -66.3 percent. The variance is related to uncertainty regarding the timing of the final requirements and reporting that must be submitted once the permit is finalized.

Progress Summary: This project was approved by the Commission in Docket No. 20041300-EI, Order No. PSC-2005-0164-PAA-EI, issued February 10, 2005.

Projections: Estimated O&M costs for the period January 2020 through December 2020 are \$40,000.

Tampa Electric Company
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Project Title: Big Bend Unit 1 SCR

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to make additional reductions of NO_x emissions at Big Bend Station on a per unit basis at prescribed times from 2019 through 2019. The installation of cost-effective SCR technology on the generating units was necessary to meet NO_x emissions requirements.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$7,629,840 compared to the original projection of \$7,567,577. The variance is due to the change in the weighted average cost of capital applied for the July 2019 to December 2019 period, from 7.5190 percent to 7.7662 percent, as required by Order No. PSC-2012-0425-PAA-EI, issued on August 16, 2012.

The actual/estimated O&M for the period January 2019 through December 2019 is \$93,819 compared to the original projection of \$167,240, resulting in a variance of -43.9 percent. This variance is due to greater use of natural gas and reduced use of coal, which reduced the unit's need for consumables and maintenance work, compared to the original projection.

Progress Summary: This project was approved by the Commission in Docket No. 20041376-EI, Order No. PSC-2005-0616-CO-EI, issued June 3, 2005. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$7,406,274.

Estimated O&M costs for the period January 2020 through December 2020 are \$164,668.

Tampa Electric Company
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Project Title: Big Bend Unit 2 SCR

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to make additional reductions of NO_x emissions at Big Bend Station on a per unit basis at prescribed times from 2019 through 2019. The installation of cost-effective SCR technology on the generating units was necessary to meet NO_x emissions requirements.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$8,343,405 compared to the original projection of \$8,288,466. The variance is due to the change in the weighted average cost of capital applied for the July 2019 to December 2019 period, from 7.5190 percent to 7.7662 percent, as required by Order No. PSC-2012-0425-PAA-EI, issued on August 16, 2012.

The actual/estimated O&M for the period January 2019 through December 2019 is \$165,455 compared to the original projection of \$261,200, resulting in a variance of -36.7 percent. This variance is due to operation of the unit on natural gas, which reduces the use of consumables and need for maintenance work, compared to the original projection.

Progress Summary: This project was approved by the Commission in Docket No. 20041376-EI, Order No. PSC-2005-0616-CO-EI, issued June 3, 2005. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$8,127,778.

Estimated O&M costs for the period January 2020 through December 2020 are \$329,616.

Tampa Electric Company
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Project Title: Big Bend Unit 3 SCR

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to make additional reductions of NO_x emissions at Big Bend Station on a per unit basis at prescribed times from 2019 through 2019. The installation of cost-effective SCR technology on the generating units was necessary to meet NO_x emissions requirements.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$6,790,879 compared to the original projection of \$6,730,895. The variance is due to the change in the weighted average cost of capital applied for the July 2019 to December 2019 period, from 7.5190 percent to 7.7662 percent, as required by Order No. PSC-2012-0425-PAA-EI, issued on August 16, 2012.

The actual/estimated O&M for the period January 2019 through December 2019 is \$496,632 compared to the original projection of \$396,460, resulting in a variance of 25.3 percent. This variance is due to greater use of coal as fuel in Big Bend Unit 3, compared to the original projection.

Progress Summary: This project was approved by the Commission in Docket No. 20041376-EI, Order No. PSC-2005-0616-CO-EI, issued June 3, 2005. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$6,617,819.

Estimated O&M costs for the period January 2020 through December 2020 are \$716,027.

Tampa Electric Company
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Project Title: Big Bend Unit 4 SCR

Project Description:

In order to meet the requirements of the FDEP Consent Final Judgment and the EPA Consent Decree, Tampa Electric was required to make additional reductions of NO_x emissions at Big Bend Station on a per unit basis at prescribed times from 2019 through 2019. The installation of cost-effective SCR technology on the generating units was necessary to meet NO_x emissions requirements.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$5,433,692 compared to the original projection of \$5,379,650. The variance is due to the change in the weighted average cost of capital applied for the July 2019 to December 2019 period, from 7.5190 percent to 7.7662 percent, as required by Order No. PSC-2012-0425-PAA-EI, issued on August 16, 2012.

The actual/estimated O&M for the period January 2019 through December 2019 is \$1,387,011 compared to the original projection of \$2,135,100, resulting in a variance of -35.0 percent. This variance is due to less total run time estimated when compared to the original projection.

Progress Summary: This project was approved by the Commission in Docket No. 20040750-EI, Order No. PSC-2004-0986-PAA-EI, issued October 11, 2004. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$5,306,154.

Estimated O&M costs for the period January 2020 through December 2020 are \$968,634.

Tampa Electric Company
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Project Title: Arsenic Groundwater Standard Program

Project Description:

The Arsenic Groundwater Standard Program that is required by the Environmental Protection Agency and the Department of Environmental Protection became effective January 1, 2005. It requires regulated entities of the State of Florida to monitor the drinking water and groundwater Maximum Contaminant Level ("MCL") for arsenic under the federal rule known as the Safe Drinking Water Act.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated O&M for the period January 2019 through December 2019 is \$4,511 compared to the original projection of \$0. The variance is not material.

Progress Summary: This project was approved by the Commission in Docket No. 20050683-EI, Order No. PSC-2006-0138-PAA-EI, issued February 23, 2006. The project is complete and in service.

Projections: There are no O&M costs projected for the period of January 2020 through December 2020.

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Project Title: Big Bend Flue Gas Desulfurization ("FGD") System Reliability

Project Description:

The Big Bend FGD Reliability project is necessary to maintain the FGD system operations that are required by the Consent Decree. Tampa Electric is required to operate the FGD systems at Big Bend Station whenever coal is combusted in the units with few exceptions. The compliance dates for the strictest operational characteristics were January 1, 2011 for Big Bend Unit 3 and January 1, 2014 for Big Bend Units 1 and 2.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$2,065,157 compared to the original projection of \$2,030,219.

Progress Summary: This project was approved by the Commission in Docket No. 20050598-EI, Order No. PSC-2006-0602-PAA-EI, issued July 10, 2006. The project is complete and in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$2,041,735.

Tampa Electric Company
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Project Title: Mercury Air Toxics Standards ("MATS")

Project Description:

In March 2005, the Environmental Protection Agency ("EPA") promulgated the Clean Air Mercury Rule ("CAMR") and was later challenged in court. On February 8, 2008, the Circuit Court of Appeals for the District of Columbia vacated CAMR and ordered a new rule by March 2011. On December 11, 2011, the EPA issued a final version of the rule that applies to all coal and oil-fired electric generating units with a capacity of 25 MW or more and with a compliance deadline is April 16, 2015. The rule sets forth hazardous air pollutant standards ("HAP") for mercury, non-mercury metal HAPs and acid gasses.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$808,174 compared to the original projection of \$802,679.

The actual/estimated O&M for the period January 2019 through December 2019 is \$7,633 compared to the original projection of \$74,878, resulting in a variance of -89.8 percent. Both Polk and Big Bend Power Stations achieved Low Emitting Electric Generating Unit status in 2017. As a result, monitoring is not required at this time, only periodic testing, and costs were lower than originally projected.

Progress Summary: This project was approved by the Commission in Docket No. 20120302-EI, Order No. PSC-2013-0191-PAA-EI, issued May 6, 2013. The project is in service.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is projected to be \$801,028.

Estimated O&M costs for the period January 2020 through December 2020 are projected to be \$27,000.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Greenhouse Gas Reduction Program

Project Description:

On September 22, 2009, the EPA enacted a new rule for reporting Greenhouse Gas ("GHG") emissions from large sources and suppliers effective January 1, 2010 in preparation for the first annual GHG report, due March 31, 2011. The new rule is intended to collect accurate and timely emissions data to inform future policy decisions as set forth in the final rule for GHG emission reporting pursuant to the Florida Climate Protection Act, Chapter 403.44 of the Florida Statutes and the docket EPA-HQ-OAR2008-0508-054. The nationwide GHG emissions reduction rule will impact Tampa Electric's generation fleet, components of its transmission and distribution system as well as company service vehicles. According to the rule, the company began collecting greenhouse gas emissions data effective January 1, 2010 to establish a baseline inventory to report to the EPA.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated O&M for the period January 2019 through December 2019 is \$93,149 compared to the original projection of \$93,149.

Progress Summary: This project was approved by the Commission in Docket No. 20090508-EI, Order No. PSC-2010-0157-PAA-EI, issued March 22, 2010. The project is complete and in service.

Projections: Estimated O&M costs for the period January 2020 through December 2020 are \$93,150.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Gypsum Storage Facility

Project Description:

The Big Bend New Gypsum Storage Facility is necessary to maintain the FGD system operations that are required by the Consent Decree. Tampa Electric is required to operate the FGD systems in order to comply with the CAAA. Gypsum is a by-product of the FGD operations and Tampa Electric had been managing its gypsum inventory through marketing efforts to sell gypsum an existing storage facility. However, the existing storage facility was no longer sufficient to hold the entire gypsum inventory, and Tampa Electric needed an additional storage facility. The new storage facility covers approximately 27 acres and holds approximately 870,000 tons of gypsum.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$2,045,696 compared to the original projection of \$2,022,870.

The actual/estimated O&M for the period January 2019 through December 2019 is \$1,262,594 compared to the original projection of \$1,320,000, resulting in a variance of -4.3 percent. The variance is due to a delay in the receipt of a vendor invoice, compared to the original projection.

Progress Summary: This project was approved by the Commission in Docket No. 20110262-EI, Order No. PSC-2012-0493-PAA-EI, issued September 26, 2012. The project was placed in service in November 2014.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$2,020,559.

Estimated O&M costs for the period January 2020 through December 2020 are \$947,064.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Coal Combustion Residuals (“CCR”) Rule - Phase I & II

Project Description:

On April 17, 2015, the EPA published the CCR Rule with an effective date of October 19, 2015. The new rule requires the safe disposal of CCR in landfills and surface impoundments. Compliance activities include placing fugitive emissions dust control plans, increasing inspections, installing new groundwater monitoring wells, and closure of certain impoundments at CCR regulated management units.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 for Phase I and Phase II is \$111,772 and \$41,119 compared to the original projections of \$241,100 and \$24,047 respectively. The variances are due to timing differences in the project schedules when compared to the original projections.

The actual/estimated O&M for the period January 2019 through December 2019 for Phase I and Phase II is \$3,949 and \$4,401,681, respectively, compared to the original projections of \$0 and \$6,000,000. The variance for Phase II is due to timing differences in the project schedule when compared to the original projection. The projected expenditures are expected to be incurred in the future. The variance for Phase I is not material.

Progress Summary: Phase I was approved by the Commission in Docket No. 20150223-EI, Order No. PSC-2016-0068-PAA-EI, issued February 9, 2016. Phase II was approved by the Commission in Docket No. 20170168-EI, Order No. 2017-0483-PAA-EI, issued December 22, 2017.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 for Phase I and Phase II is \$185,453 and \$59,446, respectively.

Estimated O&M costs for the period January 2020 through December 2020 for Phase II are \$4,916,092. There are no O&M costs projected for Phase I.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend ELG Compliance

Project Description:

On November 3, 2015, the EPA published the ELG Rule with an effective date of January 4, 2016. The ELG Rule establish limits for wastewater discharges from flue gas desulfurization ("FGD") processes, fly ash and bottom ash transport water, leachate from ponds and landfills containing coal combustion residuals ("CCR"), gasification processes, and flue gas mercury controls. The final rule requires compliance as soon as possible after November 1, 2019, and no later than December 31, 2023. Tampa Electric hired an engineering consulting firm to perform the Big Bend ELG Compliance Study, completed in 2018, that concluded with a determination of the most appropriate ELG compliance measures identified.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 for Big Bend ELG Compliance is \$7,519 compared to the original projection of \$11,280.

The actual/estimated O&M for the period January 2019 through December 2019 for Big Bend ELG Compliance is \$30,601, compared to \$0 in the original projection. The variance is due to timing differences in the project schedule when compared to the original projection.

Progress Summary: The Study program was approved by the Commission in Docket No. 20160027-EI, Order No. PSC-2016-0248-PAA-EI, issued June 28, 2016, and it is now complete. The Compliance Project was approved by the Commission in Docket No. 2018007-EI, Order No. PSC-2018-0594-FOF-EI, issued December 20, 2018.

Projections: The ELG Rule Compliance program estimated depreciation plus return for the period January 2020 through December 2020 is \$145,834.

There are no O&M costs projected for the period of January 2020 through December 2020.

Tampa Electric Company
Environmental Cost Recovery Clause
January 2020 through December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects

Project Title: Big Bend Unit 1 Section 316(b) Impingement Mortality

Project Description:

In August 2014 the Environmental Protection Agency ("EPA") published their final rule regarding Section 316(b) of the Clean Water Act. The rule became effective in October 2014. The rule establishes requirements for cooling water intake structures ("CWIS") at existing facilities. Section 316(b) requires that the location, design, construction and capacity of CWIS reflect the best technology available ("BTA") for minimizing adverse environmental impacts. For this project, compliance activities include modifying the existing Big Bend Unit 1 CWIS to reduce impingement mortality of affected living organisms.

Project Accomplishments:

Fiscal Expenditures: The actual/estimated depreciation plus return for the period January 2019 through December 2019 is \$11,910, compared to the original projection of \$298,882, a difference of -96.0 percent. The variance is due to timing differences in the project schedule when compared to the original projection.

There are no actual/estimated O&M costs for the period January 2019 through December 2019, nor was there an original projection.

Progress Summary: This project was approved by the Commission in Docket No. 2018007-EI, Order No. PSC-2018-0594-FOF-EI, issued December 20, 2018.

Projections: Estimated depreciation plus return for the period January 2020 through December 2020 is \$119,004.

There are no O&M costs projected for the period of January 2020 through December 2020.

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2020 to December 2020

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Rate Class	Average 12 CP Load Factor at Meter (%)	Projected Sales at Meter (MWh)	Effective Sales at Secondary Level (MWh)	Projected Avg 12 CP at Meter (MW)	Demand Loss Expansion Factor	Energy Loss Expansion Factor	Projected Sales at Generation (MWh)	Projected Avg 12 CP at Generation (MW)	Percentage of MWh Sales at Generation (%)	Percentage of 12 CP Demand at Generation (%)	12 CP & 1/13 Allocation Factor (%)
RS	54.99%	9,587,607	9,587,607	1,990	1.08045	1.05238	10,089,768	2,150	49.24%	56.98%	56.38%
GS, CS	62.24%	984,036	984,036	180	1.08045	1.05236	1,035,556	195	5.05%	5.17%	5.16%
GSD, SBF	75.47%	8,146,327	8,132,232	1,233	1.07575	1.04878	8,543,735	1,326	41.69%	35.14%	35.64%
IS	79.71%	649,419	637,599	93	1.02851	1.01705	660,489	96	3.22%	2.54%	2.59%
LS1	333.63%	154,170	154,170	5	1.08045	1.05238	162,245	6	0.79%	0.16%	0.21%
TOTAL *		19,521,559	19,495,644	3,501			20,491,793	3,773	100.00%	100.00%	100.00%

- Notes: (1) Average 12 CP load factor based on 2020 Projected calendar data
(2) Projected MWh sales for the period January 2020 to December 2020
(3) Effective sales at secondary level for the period January 2020 to December 2020.
(4) Column 2 / (Column 1 x 8760)
(5) Based on 2020 projected demand losses.
(6) Based on 2020 projected energy losses.
(7) Column 2 x Column 6
(8) Column 4 x Column 5
(9) Column 7 / Total Column 7
(10) Column 8 / Total Column 8
(11) Column 9 x 1/13 + Column 10 x 12/13

* Totals on this schedule may not foot due to rounding

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2020 to December 2020

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Rate Class	Percentage of MWh Sales at Generation (%)	12 CP & 25% Allocation Factor (%)	Energy- Related Costs (\$)	Demand- Related Costs (\$)	Total Environmental Costs (\$)	Projected Sales at Meter (MWh)	Effective Sales at Secondary Level (MWh)	Environmental Cost Recovery Factors (¢/kWh)
RS	49.24%	56.38%	23031377	405,674	23,437,051	9,587,607	9,587,607	0.244
GS, CS	5.05%	5.16%	2,362,073	37,128	2,399,201	984,036	984,036	0.244
GSD, SBF	41.69%	35.64%	19,499,961	256,443	19,756,404	8,146,327	8,132,232	
Secondary								0.243
Primary								0.241
Transmission								0.238
IS	3.22%	2.59%	1,506,114	18,636	1,524,750	649,419	637,599	
Secondary								0.239
Primary								0.237
Transmission								0.234
LS1	0.79%	0.21%	369,512	1,511	371,023	154,170	154,170	0.241
TOTAL *	100.00%	100.00%	46,773,714	719,536	47,493,250	19,521,559	19,495,644	0.244

* Totals on this schedule may not foot due to rounding

Notes:

- (1) From Form 42-6P, Column 9
- (2) From Form 42-6P, Column 11
- (3) Column 1 x Total Energy Jurisdictional Dollars from Form 42-1P, line 5
- (4) Column 2 x Total Demand Jurisdictional Dollars from Form 42-1P, line 5
- (5) Column 3 + Column 4
- (6) From Form 42-6P, Column 2
- (7) From Form 42-6P, Column 3
- (8) Column 5 / Column 7 x 10

Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Projected Period Amount
January 2020 to December 2020

Form 42 - 8P

Calculation of Revenue Requirement Rate of Return
 (in Dollars)

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base <i>Actual May 2019</i> (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,897,597	31.57%	4.89%	1.5435%
Short Term Debt	211,895	3.52%	2.97%	0.1047%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	94,966	1.58%	2.38%	0.0376%
Common Equity	2,598,065	43.22%	10.25%	4.4297%
Accum. Deferred Inc. Taxes & Zero Cost ITC's	1,125,550	18.72%	0.00%	0.0000%
Deferred ITC - Weighted Cost	<u>83,633</u>	<u>1.39%</u>	7.98%	<u>0.1110%</u>
Total	<u>\$ 6,011,707</u>	<u>100.00%</u>		<u>6.23%</u>

ITC split between Debt and Equity:

Long Term Debt	\$ 1,897,597	Long Term Debt	46.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>2,598,065</u>	Equity - Common	<u>54.00%</u>
Total	<u>\$ 4,495,662</u>	Total	<u>100.00%</u>

Deferred ITC - Weighted Cost:

Debt = 0.1110% * 46.00%	0.0511%
Equity = 0.1110% * 54.00%	<u>0.0599%</u>
Weighted Cost	<u>0.1110%</u>

Total Equity Cost Rate:

Preferred Stock	0.0000%
Common Equity	4.4297%
Deferred ITC - Weighted Cost	<u>0.0599%</u>
	4.4896%
Times Tax Multiplier	1.34295
Total Equity Component	<u>6.0293%</u>

Total Debt Cost Rate:

Long Term Debt	1.5435%
Short Term Debt	0.1047%
Customer Deposits	0.0376%
Deferred ITC - Weighted Cost	<u>0.0511%</u>
Total Debt Component	<u>1.7369%</u>
	<u><u>7.7662%</u></u>

Notes:

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (2) - Column (1) / Total Column (1)
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2017 Base Rates Settlement Agreement Dated September 27, 2017.
 Column (4) - Column (2) x Column (3)

Schedule 1A

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period True-Up Amount
January 2018 - December 2018

<u>Line No.</u>		<u>Period Amount (\$)</u>
1	End of Period Actual Total True-Up for the Period January 2018 - December 2018 (Schedule 2A, Line 5 + 6 + 9)	11,333,073
2	Estimated/Actual True-up Amount approved for the period January 2018 - December 2018 (FPSC Order No. PSC-2018-0594-FOF-EI)	<u>9,436,937</u>
3	Current Period True-Up Amount to be Refunded/(Recovered) in the Period January 2020 - December 2020 (Lines 1 - 2)	<u>1,896,136</u>

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 21
PARTY: GULF POWER COMPANY (GULF) –
(DIRECT)
DESCRIPTION: C. Shane Boyett CSB-1

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)

January 2018 - December 2018
Calculation of the Current Period True-Up Amount
Current Period True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Amount
1 ECRC Revenues (Net of Revenue Taxes)	19,347,230	12,525,702	12,904,346	12,024,352	16,456,165	19,092,175	20,525,428	19,124,715	18,564,961	14,776,710	12,915,065	13,196,948	191,453,797
2 True-Up Provision (Order No. PSC-2018-0014-FOF-EI)	684,416	684,414	684,414	684,414	684,414	684,414	684,414	684,414	684,414	684,414	684,414	684,414	8,212,970
3 ECRC Revenues Applicable to Period (Lines 1 + 2)	20,031,646	13,210,116	13,588,760	12,708,766	17,140,579	19,776,589	21,209,842	19,809,129	19,249,375	15,461,124	13,599,479	13,881,362	199,666,767
4 Jurisdictional ECRC Costs													
a O & M Activities (Schedule 5A, Line 9)	2,340,398	2,514,023	3,320,895	3,357,958	2,327,291	3,446,632	3,920,780	2,935,347	3,003,522	3,831,518	3,622,139	2,922,022	37,542,526
b Capital Investment Projects (Schedule 7A, Line 9)	12,695,882	12,689,162	12,708,589	12,702,810	12,718,484	12,743,527	12,469,054	12,436,410	12,526,040	12,457,624	12,449,763	12,468,199	151,065,546
c Total Jurisdictional ECRC Costs	15,036,281	15,203,185	16,029,484	16,060,768	15,045,775	16,190,159	16,389,834	15,371,757	15,529,562	16,289,142	16,071,902	15,390,221	188,608,072
5 Over/(Under) Recovery (Line 3 - Line 4c)	4,995,365	(1,993,070)	(2,440,724)	(3,352,002)	2,094,804	3,586,430	4,820,008	4,437,372	3,719,813	(828,018)	(2,472,423)	(1,508,859)	11,058,696
6 Interest Provision (Schedule 3A, Line 10)	17,165	18,452	16,674	12,268	10,257	14,082	20,351	26,892	34,430	38,302	34,689	30,643	274,206
7 Beginning Balance True-Up & Interest Provision													
a Actual Total for True-Up Period 2017	14,654,926	18,983,040	16,324,008	13,215,544	9,191,396	10,612,224	13,528,311	17,684,257	21,464,107	24,533,937	23,059,807	19,937,659	14,654,926
b Final True-Up from January 2016 - December 2016 (Order No. PSC-2018-0014-FOF-EI)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)	(3,262,290)
8 True-Up Collected/(Refunded) (see Line 2)	(684,416)	(684,414)	(684,414)	(684,414)	(684,414)	(684,414)	(684,414)	(684,414)	(684,414)	(684,414)	(684,414)	(684,414)	(8,212,970)
9 Adjustments					182	(10)						(0)	172
10 End of Period Total True-Up (Lines 5 + 6 + 7a + 7b + 8 + 9)	15,720,750	13,061,718	9,953,254	5,929,106	7,349,934	10,266,021	14,421,966	18,201,817	21,271,647	19,797,517	16,675,368	14,512,739	14,512,739

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period True-Up Amount
January 2018 - December 2018

<u>Line</u>	Interest Provision (in Dollars)												End of Period Amount
	<u>Actual January</u>	<u>Actual February</u>	<u>Actual March</u>	<u>Actual April</u>	<u>Actual May</u>	<u>Actual June</u>	<u>Actual July</u>	<u>Actual August</u>	<u>Actual September</u>	<u>Actual October</u>	<u>Actual November</u>	<u>Actual December</u>	
1 Beg. True-Up Amount (Schedule 2A, Lines 7a + 7b)	11,392,636	15,720,750	13,061,718	9,953,254	5,929,106	7,349,934	10,266,021	14,421,966	18,201,817	21,271,647	19,797,517	16,675,368	
2 Ending True-Up Amount Before Interest (Line 1 + Schedule 2A, Lines 5 + 8)	15,703,585	13,043,266	9,936,581	5,916,838	7,339,496	10,251,950	14,401,615	18,174,925	21,237,216	19,759,214	16,640,679	14,482,095	
3 Total of Beginning & Ending True-up (Lines 1 + 2)	27,096,220	28,764,016	22,998,299	15,870,093	13,268,602	17,601,884	24,667,637	32,596,891	39,439,033	41,030,861	36,438,196	31,157,464	
4 Average True-Up Amount (Line 3 x 1/2)	13,548,110	14,382,008	11,499,149	7,935,046	6,634,301	8,800,942	12,333,818	16,298,445	19,719,517	20,515,430	18,219,098	15,578,732	
5 Interest Rate (First Day of Reporting Business Month)	0.01580	0.01460	0.01620	0.01860	0.01850	0.01860	0.0198	0.0198	0.0198	0.0221	0.0227	0.0230	
6 Interest Rate (First Day of Subsequent Business Month)	0.01460	0.01620	0.01860	0.01850	0.01860	0.01980	0.0198	0.0198	0.0221	0.0227	0.0230	0.0242	
7 Total of Beginning and Ending Interest Rates (Line 5 + Line 6)	0.03040	0.03080	0.03480	0.03710	0.03710	0.03840	0.0396	0.0396	0.0419	0.0448	0.0457	0.0472	
8 Average Interest Rate (Line 7 x 1/2)	0.01520	0.01540	0.01740	0.01855	0.01855	0.01920	0.01980	0.01980	0.02095	0.02240	0.02285	0.02360	
9 Monthly Average Interest Rate (Line 8 x 1/12)	0.00127	0.00128	0.00145	0.00155	0.00155	0.00160	0.00165	0.00165	0.00175	0.00187	0.00190	0.00197	
10 Interest Provision for the Month (Line 4 x Line 9)	17,165	18,452	16,674	12,268	10,257	14,082	20,351	26,892	34,430	38,302	34,689	30,643	274,206

Schedule 4A

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period True-Up Amount
January 2018 - December 2018

Variance Report of O & M Activities
(in Dollars)

<u>Line</u>		(1) Final <u>Actual</u>	(2) Estimated/ <u>Actual</u>	(3) <u>Amount</u>	(4) Variance <u>Percent</u>
1	Description of O & M Activities				
.1	Sulfur	0	0	0	0.0 %
.2	Air Emission Fees	249,336	243,844	5,492	2.3 %
.3	Title V	283,759	241,993	41,766	17.3 %
.4	Asbestos Fees	0	0	0	0.0 %
.5	Emission Monitoring	895,254	735,893	159,361	21.7 %
.6	General Water Quality	2,006,996	2,457,236	(450,240)	(18.3) %
.7	Groundwater Contamination Investigation	2,850,331	3,312,473	(462,142)	(14.0) %
.8	State NPDES Administration	69,385	34,500	34,885	101.1 %
.9	Lead and Copper Rule	5,136	9,134	(3,998)	(43.8) %
.10	Env Auditing/Assessment	6,818	14,454	(7,636)	(52.8) %
.11	General Solid & Hazardous Waste	867,363	1,028,992	(161,629)	(15.7) %
.12	Above Ground Storage Tanks	246,039	177,993	68,046	38.2 %
.13	Low NOx	0	0	0	0.0 %
.14	Ash Pond Diversion Curtains	0	0	0	0.0 %
.15	Mercury Emissions	0	0	0	0.0 %
.16	Sodium Injection	0	5,600	(5,600)	(100.0) %
.17	Gulf Coast Ozone Study	0	0	0	0.0 %
.18	SPCC Substation Project	0	0	0	0.0 %
.19	FDEP NOx Reduction Agreement	974,075	951,270	22,805	2.4 %
.20	Air Quality Compliance Program	24,338,494	23,243,117	1,095,377	4.7 %
.21	MACT ICR	0	0	0	0.0 %
.22	Crist Water Conservation	339,549	383,227	(43,678)	(11.4) %
.23	Coal Combustion Residual	5,568,115	6,056,518	(488,403)	(8.1) %
.24	Smith Water Conservation	135,185	176,492	(41,308)	(23.4) %
.25	Mercury Allowances	0	0	0	0.0 %
.26	Annual NOx Allowances	19,814	19,189	624	3.3 %
.27	Seasonal NOx Allowances	27,246	25,638	1,608	6.3 %
.28	SO2 Allowances	11,280	26,796	(15,516)	(57.9) %
.29	Scherer/Flint Credit - Energy	(354,762)	(399,912)	45,149	(11.3) %
.30	Scherer/Flint Credit - Demand	(4,321)	(6,741)	2,420	(35.9) %
2	Total O & M Activities	<u>38,535,091</u>	<u>38,737,706</u>	<u>(202,615)</u>	(0.5) %
3	Recoverable Costs Allocated to Energy	26,444,496	25,093,429	1,351,067	5.4 %
4	Recoverable Costs Allocated to Demand	12,090,595	13,644,277	(1,553,682)	(11.4) %

Notes:

Column (1) is the End of Period Totals on Schedule 5A

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018

O & M Activities
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period 12-Month	Method of Classification	
														Demand	Energy
1 Description of O & M Activities															
. 1 Sulfur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 2 Air Emission Fees	2,792	2,587	115,711	2,279	2,351	2,674	3,448	105,629	2,368	2,640	3,113	3,745	249,336	0	249,336
. 3 Title V	20,984	25,017	19,493	18,659	21,545	25,847	33,187	23,577	25,504	14,904	16,812	38,229	283,759	0	283,759
. 4 Asbestos Fees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 5 Emission Monitoring	69,483	48,765	110,060	38,115	44,229	62,268	73,868	79,401	58,756	78,299	64,343	167,669	895,254	0	895,254
. 6 General Water Quality	146,302	103,550	129,302	330,697	(17,774)	185,945	316,518	8,241	191,551	175,634	258,551	178,481	2,006,996	2,006,996	0
. 7 Groundwater Contamination Investigation	401,615	140,739	166,540	186,283	169,795	316,698	297,712	194,283	119,148	502,450	509,836	(154,769)	2,850,331	2,850,331	0
. 8 State NPDES Administration	0	34,500	0	0	0	0	0	385	0	0	0	34,500	69,385	69,385	0
. 9 Lead & Copper Rule	0	5,136	0	0	0	0	0	0	0	0	0	0	5,136	5,136	0
. 10 Environmental Auditing/Assessment	0	0	571	3,050	1,833	0	0	0	1,364	0	0	0	6,818	6,818	0
. 11 General Solid & Hazardous Waste	28,642	61,116	83,135	67,378	61,044	94,609	73,247	43,705	87,864	77,044	53,253	136,326	867,363	867,363	0
. 12 Above Ground Storage Tanks	414	5,134	6,856	14,108	16,553	7,053	3,483	38,420	35,561	32,672	6,203	79,582	246,039	246,039	0
. 13 Low NOx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 14 Ash Pond Diversion Curtains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 15 Mercury Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 16 Sodium Injection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 17 Gulf Coast Ozone Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 18 SPCC Substation Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 19 FDEP NOx Reduction Agreement	85,898	206,376	(133,684)	55,090	84,916	42,963	62,525	77,644	97,906	142,712	78,271	173,459	974,075	0	974,075
. 20 Air Quality Compliance Program	1,602,788	1,535,307	2,340,635	2,578,831	1,647,622	2,231,708	2,518,545	1,640,273	2,236,081	2,305,325	1,860,471	1,840,908	24,338,494	0	24,338,494
. 21 MACT ICR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 22 Crist Water Conservation	31,860	29,446	35,826	(2,202)	11,394	40,845	20,342	46,286	36,750	34,162	35,836	19,006	339,549	339,549	0
. 23 Coal Combustion Residuals	38,641	401,357	492,070	181,505	363,370	560,068	651,405	776,226	204,503	564,610	847,701	486,660	5,568,115	5,568,115	0
. 24 Smith Water Conservation	7,809	4,384	67,377	3,062	3,312	548	1,879	4,159	11,974	10,565	7,870	12,245	135,185	135,185	0
. 25 Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 26 Annual NOx Allowances	3,000	2,225	2,395	1,804	529	830	909	849	954	783	2,998	2,539	19,814	0	19,814
. 27 Seasonal NOx Allowances	0	0	0	0	3,471	7,085	6,075	4,660	5,955	0	0	0	27,246	0	27,246
. 28 SO2 Allowances	722	148	105	179	531	1,101	1,218	917	1,309	3,793	206	1,051	11,280	0	11,280
. 29 Scherer/Flint Credit - Energy	(32,099)	(23,848)	(20,714)	(28,319)	(25,623)	(42,308)	(41,037)	(31,348)	(32,228)	(35,272)	(24,681)	(17,285)	(354,762)	0	(354,762)
. 30 Scherer/Flint Credit - Demand	(550)	2,632	(1,417)	(1,324)	318	(526)	(557)	297	(2,702)	(560)	(526)	593	(4,321)	(4,321)	0
2 Total of O & M Activities	<u>2,408,302</u>	<u>2,584,571</u>	<u>3,414,261</u>	<u>3,449,195</u>	<u>2,389,414</u>	<u>3,537,406</u>	<u>4,022,767</u>	<u>3,013,601</u>	<u>3,082,617</u>	<u>3,909,761</u>	<u>3,720,257</u>	<u>3,002,939</u>	<u>38,535,091</u>	<u>12,090,595</u>	<u>26,444,496</u>
3 Recoverable Costs Allocated to Energy	1,753,569	1,796,577	2,434,002	2,666,637	1,779,570	2,332,167	2,658,738	1,901,601	2,396,605	2,513,185	2,001,532	2,210,315	26,444,496		
4 Recoverable Costs Allocated to Demand	654,734	787,994	980,259	782,558	609,844	1,205,239	1,364,029	1,112,000	686,012	1,396,577	1,718,725	792,624	12,090,595		
5 Retail Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272			
6 Retail Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277			
7 Jurisdictional Energy Recoverable Costs (A)	1,704,110	1,748,228	2,368,252	2,597,447	1,734,627	2,275,347	2,595,178	1,854,674	2,336,836	2,474,287	1,951,835	2,151,728	25,792,551		
8 Jurisdictional Demand Recoverable Costs (B)	<u>636,288</u>	<u>765,795</u>	<u>952,643</u>	<u>760,511</u>	<u>592,664</u>	<u>1,171,285</u>	<u>1,325,601</u>	<u>1,080,673</u>	<u>666,685</u>	<u>1,357,232</u>	<u>1,670,304</u>	<u>770,294</u>	<u>11,749,975</u>		
9 Total Jurisdictional Recoverable Costs for O & M Activities (Lines 7 + 8)	<u>2,340,398</u>	<u>2,514,023</u>	<u>3,320,895</u>	<u>3,357,958</u>	<u>2,327,291</u>	<u>3,446,632</u>	<u>3,920,780</u>	<u>2,935,347</u>	<u>3,003,522</u>	<u>3,831,518</u>	<u>3,622,139</u>	<u>2,922,022</u>	<u>37,542,526</u>		

Notes:

- (A) Line 3 x Line 5 x line loss multiplier
(B) Line 4 x Line 6

Schedule 6A

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period True-Up Amount
January 2018 - December 2018

Variance Report of Capital Investment Projects - Recoverable Costs
(in Dollars)

Line	(1) Final Actual	(2) Estimated/ Actual	(3) Variance		(4) Percent
			Amount		
1 Description of Investment Projects					
.1 Air Quality Assurance Testing	0	0	0	0.0	%
.2 Crist 5, 6 & 7 Precipitator Projects	3,924,055	3,924,055	0	0.0	%
.3 Crist 7 Flue Gas Conditioning	105,621	105,621	0	0.0	%
.4 Low NOx Burners, Crist 6 & 7	1,827,302	1,827,409	(107)	(0.0)	%
.5 CEMS - Plants Crist, & Daniel	559,206	558,950	256	0.0	%
.6 Substation Contamination Remediation	237,625	239,647	(2,022)	(0.8)	%
.7 Raw Water Well Flowmeters - Plants Crist & Smith	13,549	13,549	0	0.0	%
.8 Crist Cooling Tower Cell	37,472	37,472	0	0.0	%
.9 Crist Dechlorination System	25,258	25,258	0	0.0	%
.10 Crist Diesel Fuel Oil Remediation	4,099	4,099	0	0.0	%
.11 Crist Bulk Tanker Unload Sec Contain Struc	5,387	5,387	0	0.0	%
.12 Crist IWW Sampling System	3,138	3,138	0	0.0	%
.13 Sodium Injection System	22,594	22,594	0	0.0	%
.14 Smith Stormwater Collection System	183,780	183,780	0	0.0	%
.15 Smith Waste Water Treatment Facility	33,939	34,510	(571)	(1.7)	%
.16 Daniel Ash Management Project	1,344,265	1,337,887	6,378	0.5	%
.17 Smith Water Conservation	2,195,413	2,178,119	17,294	0.8	%
.18 Underground Fuel Tank Replacement	0	0	0	0.0	%
.19 Crist FDEP Agreement for Ozone Attainment	11,100,802	11,128,455	(27,653)	(0.2)	%
.20 SPCC Compliance	79,591	79,591	0	0.0	%
.21 Crist Common FTIR Monitor	4,752	4,752	0	0.0	%
.22 Precipitator Upgrades for CAM Compliance	1,188,888	1,188,888	0	0.0	%
.23 Plant Groundwater Contamination	0	0	0	0.0	%
.24 Crist Water Conservation	1,819,322	1,824,743	(5,421)	(0.3)	%
.25 Plant NPDES Permit Compliance Projects	509,929	529,219	(19,290)	(3.6)	%
.26 Air Quality Compliance Program	130,072,781	130,047,019	25,763	0.0	%
.27 General Water Quality	74,979	79,781	(4,802)	(6.0)	%
.28 Coal Combustion Residual	30,495	122,585	(92,091)	(75.1)	%
.29 Effluent Limitations Guidelines	576,547	576,620	(73)	(0.0)	%
.30 Mercury Allowances	0	0	0	0.0	%
.31 Annual NOx Allowances	1,160	1,158	3	0.2	%
.32 Seasonal NOx Allowances	1,594	1,628	(34)	(2.1)	%
.33 SO2 Allowances	445,362	445,032	330	0.1	%
.34 Regulatory Asset Smith Units 1 & 2	2,876,907	2,876,907	0	0.0	%
.35 Scherer/Flint Credit - Energy	(300,145)	(297,126)	(3,020)	(1.0)	%
.36 Scherer/Flint Credit - Demand	(3,601,745)	(3,565,508)	(36,238)	(1.0)	%
2 Total Investment Projects - Recoverable Costs	<u>155,403,921</u>	<u>155,545,219</u>	<u>(141,298)</u>	(0.1)	%
3 Recoverable Costs Allocated to Energy	11,954,148	11,965,017	(10,869)	(0.1)	%
4 Recoverable Costs Allocated to Demand	143,449,773	143,580,202	(130,429)	(0.1)	%

Notes:

Column (1) is the End of Period Totals on Schedule 7A

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018

Capital Investment Projects - Recoverable Costs
(in Dollars)

Line	Description of Investment Projects (A)	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of	Method of Classification	
		January	February	March	April	May	June	July	August	September	October	November	December	Period 12-Month	Demand	Energy
1	Description of Investment Projects (A)															
. 1	Air Quality Assurance Testing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 2	Crist 5, 6 & 7 Precipitator Projects	334,575	333,911	333,246	332,582	331,918	331,253	322,696	322,056	321,415	320,775	320,134	319,494	3,924,055	3,622,205	301,850
. 3	Crist 7 Flue Gas Conditioning	8,963	8,963	8,963	8,963	8,963	8,963	8,641	8,641	8,641	8,641	8,641	8,641	105,621	97,497	8,125
. 4	Low NOx Burners, Crist 6 & 7	154,826	154,551	154,276	154,419	154,663	154,982	150,874	150,270	150,008	149,743	149,478	149,212	1,827,302	1,686,740	140,562
. 5	CEMS - Plants Crist & Daniel	47,767	47,823	47,489	47,131	47,242	47,153	45,941	45,854	45,767	45,681	45,594	45,764	559,206	516,190	43,016
. 6	Substation Contamination Remediation	17,736	17,700	17,664	17,628	17,591	17,555	17,107	19,317	21,748	22,987	24,433	26,159	237,625	219,346	18,279
. 7	Raw Water Well Flowmeters - Plants Crist & Smith	1,157	1,154	1,151	1,148	1,145	1,142	1,116	1,113	1,110	1,107	1,104	1,102	13,549	12,506	1,042
. 8	Crist Cooling Tower Cell	3,180	3,180	3,180	3,180	3,180	3,180	3,065	3,065	3,065	3,065	3,065	3,065	37,472	34,590	2,882
. 9	Crist Dechlorination System	2,161	2,154	2,146	2,139	2,131	2,124	2,085	2,078	2,071	2,064	2,056	2,049	25,258	23,315	1,943
. 10	Crist Diesel Fuel Oil Remediation	351	350	348	347	346	344	339	337	336	335	334	332	4,099	3,784	315
. 11	Crist Bulk Tanker Unloading Secondary Containment	462	460	458	456	454	452	446	444	442	440	438	436	5,387	4,972	414
. 12	Crist IWW Sampling System	269	268	267	266	264	263	260	259	257	256	255	254	3,138	2,896	241
. 13	Sodium Injection System	1,931	1,925	1,919	1,914	1,908	1,903	1,863	1,857	1,852	1,846	1,841	1,835	22,594	20,856	1,738
. 14	Smith Stormwater Collection System	15,749	15,685	15,620	15,556	15,491	15,427	15,198	15,135	15,073	15,011	14,949	14,887	183,780	169,643	14,137
. 15	Smith Waste Water Treatment Facility	2,054	2,050	2,046	2,042	2,038	2,034	2,000	2,000	2,000	2,000	2,000	2,000	33,939	31,328	2,611
. 16	Daniel Ash Management Project	115,442	115,219	114,996	107,611	112,759	112,535	110,426	110,211	109,995	109,780	109,564	115,727	1,344,265	1,240,860	103,405
. 17	Smith Water Conservation	181,537	182,754	183,477	183,623	183,744	182,523	178,046	178,844	180,677	185,471	187,398	187,319	2,195,413	2,026,535	168,878
. 18	Underground Fuel Tank Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 19	Crist FDEP Agreement for Ozone Attainment	937,862	936,429	935,245	937,655	937,822	944,276	922,982	914,301	912,042	909,713	907,402	905,073	11,100,802	10,246,894	853,908
. 20	SPCC Compliance	6,800	6,781	6,761	6,742	6,723	6,703	6,560	6,542	6,524	6,506	6,488	6,467	79,591	73,469	6,122
. 21	Crist Common FTIR Monitor	406	405	404	402	401	400	392	391	389	388	387	386	4,752	4,386	366
. 22	Precipitator Upgrades for CAM Compliance	101,543	101,275	101,007	100,723	100,439	100,163	97,955	97,689	97,423	97,157	96,890	96,624	1,188,888	1,097,435	91,453
. 23	Plant Groundwater Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 24	Crist Water Conservation	155,319	155,657	155,261	153,564	153,186	152,819	149,326	148,948	148,574	148,199	148,870	149,599	1,819,322	1,679,374	139,948
. 25	Plant NPDES Permit Compliance Projects	42,685	42,563	42,460	42,400	42,367	42,316	41,440	41,345	41,554	42,254	42,764	45,782	509,929	470,704	39,225
. 26	Air Quality Compliance Program	11,018,769	11,005,809	11,001,332	10,993,809	10,988,735	10,988,257	10,727,476	10,677,363	10,769,644	10,650,074	10,631,242	10,620,272	130,072,781	120,067,182	10,005,599
. 27	General Water Quality	4,979	4,979	4,979	4,979	4,979	4,979	7,541	7,529	7,526	7,519	7,503	7,487	74,979	69,211	5,768
. 28	Coal Combustion Residuals	(87,907)	(80,833)	(70,275)	(59,935)	(43,446)	(20,815)	3,959	31,703	61,955	75,616	97,310	123,162	30,495	28,149	2,346
. 29	Steam Electric Effluent Limitations Guidelines	33,306	33,306	51,608	51,486	51,673	52,013	50,776	50,676	50,582	50,478	50,376	50,268	576,547	532,197	44,350
. 30	Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
. 31	Annual NOx Allowances	151	136	122	110	103	98	90	85	80	75	64	48	1,160	1,071	89
. 32	Seasonal NOx Allowances	218	218	218	218	166	131	126	95	64	47	47	47	1,594	1,472	123
. 33	SO2 Allowances	37,820	37,818	37,817	37,816	37,810	37,801	36,435	36,428	36,422	36,407	36,396	36,392	445,362	411,104	34,259
. 34	Regulatory Asset Smith Units 1 & 2	245,822	245,112	244,403	243,694	242,985	242,276	237,144	236,461	235,777	235,094	234,411	233,727	2,876,907	2,655,606	221,301
. 35	Scherer/Flint Credit - Energy	(24,768)	(24,777)	(24,830)	(24,917)	(24,929)	(25,016)	(24,391)	(24,515)	(26,804)	(24,951)	(25,059)	(25,189)	(300,145)	0	(300,145)
. 36	Scherer/Flint Credit - Demand	(297,211)	(297,318)	(297,959)	(299,000)	(299,150)	(300,192)	(292,691)	(294,184)	(321,653)	(299,409)	(300,707)	(302,273)	(3,601,745)	(3,601,745)	0
2	Total Investment Projects - Recoverable Costs	<u>13,063,956</u>	<u>13,055,706</u>	<u>13,075,798</u>	<u>13,068,749</u>	<u>13,084,159</u>	<u>13,108,997</u>	<u>12,826,188</u>	<u>12,793,391</u>	<u>12,885,859</u>	<u>12,805,890</u>	<u>12,807,280</u>	<u>12,827,948</u>	<u>155,403,921</u>	<u>143,449,773</u>	<u>11,954,148</u>
3	Recoverable Costs Allocated to Energy	1,004,920	1,004,285	1,005,831	1,005,288	1,006,474	1,008,384	986,630	984,107	991,220	985,068	985,175	986,765	11,954,148		
4	Recoverable Costs Allocated to Demand	12,059,037	12,051,420	12,069,967	12,063,461	12,077,685	12,100,612	11,839,558	11,809,284	11,894,639	11,820,822	11,822,105	11,841,182	143,449,773		
5	Retail Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272			
6	Retail Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277			
7	Jurisdictional Energy Recoverable Costs (B)	976,576	977,258	978,660	979,205	981,055	983,817	963,044	959,822	966,500	969,822	960,714	960,610	11,657,083		
8	Jurisdictional Demand Recoverable Costs (C)	<u>11,719,306</u>	<u>11,711,904</u>	<u>11,729,929</u>	<u>11,723,605</u>	<u>11,737,429</u>	<u>11,759,710</u>	<u>11,506,011</u>	<u>11,476,589</u>	<u>11,559,540</u>	<u>11,487,802</u>	<u>11,489,049</u>	<u>11,507,589</u>	<u>139,408,463</u>		
9	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	<u>12,695,882</u>	<u>12,689,162</u>	<u>12,708,589</u>	<u>12,702,810</u>	<u>12,718,484</u>	<u>12,743,527</u>	<u>12,469,054</u>	<u>12,436,410</u>	<u>12,526,040</u>	<u>12,457,624</u>	<u>12,449,763</u>	<u>12,468,199</u>	<u>151,065,546</u>		

Notes:

(A) Pages 1-29 of Schedule 8A, Line 9, Pages 30-33 of Schedule 8A, Line 6, Page 34, Line 7, Schedule, 10A, Line 11 - Line 10 x 24%.

(B) Line 3 x Line 5 x Line loss multiplier

(C) Line 4 x Line 6

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Air Quality Assurance Testing
P.E.s 1006 & 1244
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PEs 1006 & 1244 are fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist 5, 6 & 7 Precipitator Projects
P.E.s 1038, 1119, 1216, 1243, 1249
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	
3	Less: Accumulated Depreciation (C)	3,755,279	3,644,143	3,533,008	3,421,873	3,310,738	3,199,603	3,088,468	2,977,332	2,866,197	2,755,062	2,643,927	2,532,792	2,421,657	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	37,432,602	37,321,467	37,210,331	37,099,196	36,988,061	36,876,926	36,765,791	36,654,656	36,543,520	36,432,385	36,321,250	36,210,115	36,098,980	
6	Average Net Investment		37,377,034	37,265,899	37,154,764	37,043,629	36,932,493	36,821,358	36,710,223	36,599,088	36,487,953	36,376,818	36,265,682	36,154,547	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		179,447	178,914	178,380	177,846	177,313	176,779	169,638	169,124	168,611	168,097	167,584	167,070	2,078,804
b	Debt Component (Line 6 x Debt Component x 1/12)		43,993	43,862	43,731	43,600	43,470	43,339	41,923	41,796	41,669	41,542	41,415	41,288	511,629
8	Investment Expenses														
a	Depreciation (E)		111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	1,333,622
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		334,575	333,911	333,246	332,582	331,918	331,253	322,696	322,056	321,415	320,775	320,134	319,494	3,924,055
a	Recoverable Costs Allocated to Energy		25,737	25,685	25,634	25,583	25,532	25,481	24,823	24,774	24,724	24,675	24,626	24,576	301,850
b	Recoverable Costs Allocated to Demand		308,839	308,225	307,612	306,999	306,385	305,772	297,873	297,282	296,691	296,100	295,509	294,917	3,622,205
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		25,011	24,994	24,942	24,919	24,887	24,860	24,229	24,162	24,108	24,293	24,014	23,925	294,345
13	Retail Demand-Related Recoverable Costs (I)		300,138	299,542	298,946	298,350	297,754	297,158	289,482	288,907	288,333	287,758	287,183	286,609	3,520,159
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		325,149	324,536	323,888	323,269	322,641	322,018	313,711	313,069	312,440	312,051	311,198	310,534	3,814,504

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist 7 Flue Gas Conditioning
P.E. 1228
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
6	Average Net Investment		1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		7,198	7,198	7,198	7,198	7,198	7,198	6,928	6,928	6,928	6,928	6,928	6,928	84,760
b	Debt Component (Line 6 x Debt Component x 1/12)		1,765	1,765	1,765	1,765	1,765	1,765	1,712	1,712	1,712	1,712	1,712	1,712	20,862
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		8,963	8,963	8,963	8,963	8,963	8,963	8,641	8,641	8,641	8,641	8,641	8,641	105,621
a	Recoverable Costs Allocated to Energy		689	689	689	689	689	689	665	665	665	665	665	665	8,125
b	Recoverable Costs Allocated to Demand		8,273	8,273	8,273	8,273	8,273	8,273	7,976	7,976	7,976	7,976	7,976	7,976	97,497
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		670	671	671	672	672	673	649	648	648	654	648	647	7,923
13	Retail Demand-Related Recoverable Costs (I)		8,040	8,040	8,040	8,040	8,040	8,040	7,751	7,751	7,751	7,751	7,751	7,751	94,750
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		8,710	8,711	8,711	8,712	8,712	8,713	8,400	8,399	8,399	8,406	8,399	8,398	102,673

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Low NOx Burners, Crist 6 & 7
P.E.s 1234, 1236, 1242, 1284
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	140,000	0	9,123	(24)	562	81	196	119	0	150,056
b	Clearings to Plant		0	0	0	0	140,000	9,123	(24)	562	81	196	0	0	149,937
c	Retirements		0	0	0	0	0	0	102,764	0	0	0	0	0	102,764
d	Cost of Removal		0	0	0	0	33,650	1,911	25	145	25	53	26	0	35,835
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	13,579,202	13,579,202	13,579,202	13,579,202	13,579,202	13,719,202	13,728,324	13,625,536	13,626,097	13,626,178	13,626,375	13,626,375	13,626,375	
3	Less: Accumulated Depreciation (C)	4,640,203	4,594,155	4,548,106	4,502,058	4,456,010	4,443,611	4,399,012	4,455,260	4,409,204	4,363,026	4,316,876	4,270,698	4,224,493	
4	CWIP - Non Interest Bearing	0	0	0	0	140,000	0	0	0	0	(0)	(0)	119	119	
5	Net Investment (Lines 2 + 3 + 4) (A)	18,219,405	18,173,356	18,127,308	18,081,260	18,175,211	18,162,813	18,127,336	18,080,796	18,035,301	17,989,204	17,943,250	17,897,191	17,850,987	
6	Average Net Investment		18,196,381	18,150,332	18,104,284	18,128,235	18,169,012	18,145,074	18,104,066	18,058,049	18,012,253	17,966,227	17,920,221	17,874,089	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		87,361	87,140	86,919	87,034	87,229	87,115	83,659	83,446	83,235	83,022	82,809	82,596	1,021,564
b	Debt Component (Line 6 x Debt Component x 1/12)		21,417	21,363	21,309	21,337	21,385	21,357	20,675	20,622	20,570	20,517	20,465	20,412	251,429
8	Investment Expenses														
a	Depreciation (E)		44,337	44,337	44,337	44,337	44,337	44,799	44,829	44,490	44,492	44,492	44,493	44,493	533,772
b	Amortization (F)		1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	20,537
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		154,826	154,551	154,276	154,419	154,663	154,982	150,874	150,270	150,008	149,743	149,478	149,212	1,827,302
a	Recoverable Costs Allocated to Energy		11,910	11,889	11,867	11,878	11,897	11,922	11,606	11,559	11,539	11,519	11,498	11,478	140,562
b	Recoverable Costs Allocated to Demand		142,917	142,663	142,408	142,541	142,766	143,060	139,269	138,711	138,469	138,224	137,980	137,735	1,686,740
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		11,574	11,569	11,547	11,570	11,597	11,631	11,328	11,274	11,251	11,340	11,213	11,174	137,068
13	Retail Demand-Related Recoverable Costs (I)		138,890	138,643	138,396	138,525	138,744	139,030	135,345	134,803	134,568	134,330	134,093	133,854	1,639,221
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		150,464	150,212	149,943	150,095	150,340	150,661	146,673	146,077	145,819	145,670	145,306	145,028	1,776,288

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Portions of PE 1236 have a 7-year amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes

For Project: CEMS - Plants Crist & Daniel

P.E.s 1001, 1060, 1154, 1164, 1217, 1240, 1245, 1247, 1256, 1283, 1286, 1289, 1290, 1311, 1312, 1316, 1323, 1324, 1325, 1357, 1358, 1364, 1558, 1570, 1592, 1658, 1829, 1830
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		5	(0)	(1)	(0)	0	1	(0)	0	0	0	0	5,740	5,744
b	Clearings to Plant		44,548	(0)	(1)	(0)	0	1	(0)	0	0	0	0	0	44,548
c	Retirements		0	73,800	0	0	0	0	0	0	0	0	0	0	73,800
d	Cost of Removal		0	(33)	0	0	0	0	0	0	0	0	0	0	(33)
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	4,719,852	4,764,400	4,690,600	4,690,599	4,690,599	4,690,599	4,690,600	4,690,600	4,690,600	4,690,600	4,690,600	4,690,600	4,690,600	
3	Less: Accumulated Depreciation (C)	553,970	538,862	597,373	582,362	567,350	552,339	537,327	522,316	507,304	492,293	477,281	462,270	447,258	
4	CWIP - Non Interest Bearing	44,543	0	0	0	0	0	0	0	0	0	0	0	5,740	
5	Net Investment (Lines 2 + 3 + 4) (A)	5,318,365	5,303,262	5,287,973	5,272,961	5,257,949	5,242,938	5,227,927	5,212,916	5,197,904	5,182,893	5,167,881	5,152,870	5,143,598	
6	Average Net Investment		5,310,813	5,295,618	5,280,467	5,265,455	5,250,444	5,235,433	5,220,422	5,205,410	5,190,399	5,175,387	5,160,376	5,148,234	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		25,497	25,424	25,352	25,279	25,207	25,135	24,124	24,054	23,985	23,915	23,846	23,790	295,609
b	Debt Component (Line 6 x Debt Component x 1/12)		6,251	6,233	6,215	6,197	6,180	6,162	5,962	5,945	5,927	5,910	5,893	5,879	72,755
8	Investment Expenses														
a	Depreciation (E)		15,108	15,255	15,011	15,011	15,011	15,011	15,011	15,011	15,011	15,011	15,011	15,011	180,478
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		911	911	911	642	844	844	844	844	844	844	844	1,083	10,364
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		47,767	47,823	47,489	47,131	47,242	47,153	45,941	45,854	45,767	45,681	45,594	45,764	559,206
a	Recoverable Costs Allocated to Energy		3,674	3,679	3,653	3,625	3,634	3,627	3,534	3,527	3,521	3,514	3,507	3,520	43,016
b	Recoverable Costs Allocated to Demand		44,093	44,144	43,836	43,505	43,608	43,526	42,407	42,327	42,247	42,167	42,087	42,243	516,190
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		3,571	3,580	3,554	3,531	3,542	3,539	3,449	3,440	3,433	3,460	3,420	3,427	41,946
13	Retail Demand-Related Recoverable Costs (I)		42,850	42,901	42,601	42,280	42,380	42,299	41,212	41,134	41,057	40,979	40,902	41,053	501,648
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		46,421	46,480	46,155	45,811	45,922	45,838	44,661	44,575	44,490	44,439	44,322	44,480	543,594

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Beginning Balances: Crist \$4,135,480; Daniel \$584,373. Ending Balances: Crist \$4,106,227; Daniel \$584,373.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PEs 1364, 1658 and 1283 are fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Substation Contamination Remediation
P.E.s 1007, 2859, 3400, 3412, 3463, 3477
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	779,239	76,633	365,240	148,680	462,609	1,832,401
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	
3	Less: Accumulated Depreciation (C)	(525,405)	(531,455)	(537,505)	(543,554)	(549,604)	(555,654)	(561,703)	(567,753)	(573,803)	(579,852)	(585,902)	(591,952)	(598,002)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	779,239	855,873	1,221,112	1,369,792	1,832,401	
5	Net Investment (Lines 2 + 3 + 4) (A)	1,957,928	1,951,878	1,945,829	1,939,779	1,933,729	1,927,680	1,921,630	1,915,580	2,688,770	2,759,353	3,118,543	3,261,174	3,717,733	
6	Average Net Investment		1,954,903	1,948,853	1,942,804	1,936,754	1,930,704	1,924,655	1,918,605	2,302,175	2,724,062	2,938,948	3,189,859	3,489,454	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		9,385	9,356	9,327	9,298	9,269	9,240	8,866	10,638	12,588	13,581	14,740	16,125	132,415
b	Debt Component (Line 6 x Debt Component x 1/12)		2,301	2,294	2,287	2,280	2,272	2,265	2,191	2,629	3,111	3,356	3,643	3,985	32,614
8	Investment Expenses														
a	Depreciation (E)		6,050	6,050	6,050	6,050	6,050	6,050	6,050	6,050	6,050	6,050	6,050	6,050	72,596
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		17,736	17,700	17,664	17,628	17,591	17,555	17,107	19,317	21,748	22,987	24,433	26,159	237,625
a	Recoverable Costs Allocated to Energy		1,364	1,362	1,359	1,356	1,353	1,350	1,316	1,486	1,673	1,768	1,879	2,012	18,279
b	Recoverable Costs Allocated to Demand		16,372	16,338	16,305	16,272	16,238	16,205	15,791	17,831	20,075	21,219	22,553	24,147	219,346
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		1,326	1,325	1,322	1,321	1,319	1,318	1,284	1,449	1,631	1,741	1,833	1,959	17,828
13	Retail Demand-Related Recoverable Costs (I)		15,911	15,878	15,846	15,813	15,781	15,748	15,346	17,329	19,510	20,621	21,918	23,467	213,167
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		17,236	17,203	17,168	17,134	17,100	17,066	16,630	18,778	21,141	22,362	23,751	25,426	230,994

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PE 1007 is fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Raw Water Well Flowmeters - Plants Crist & Smith
P.E.s 1155 & 1606
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	
3	Less: Accumulated Depreciation (C)	(38,973)	(39,468)	(39,963)	(40,458)	(40,953)	(41,447)	(41,942)	(42,437)	(42,932)	(43,427)	(43,922)	(44,416)	(44,911)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	110,976	110,482	109,987	109,492	108,997	108,502	108,007	107,513	107,018	106,523	106,028	105,533	105,038	
6	Average Net Investment		110,729	110,234	109,739	109,244	108,750	108,255	107,760	107,265	106,770	106,275	105,781	105,286	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		532	529	527	524	522	520	498	496	493	491	489	487	6,107
b	Debt Component (Line 6 x Debt Component x 1/12)		130	130	129	129	128	127	123	122	122	121	121	120	1,503
8	Investment Expenses														
a	Depreciation (E)		495	495	495	495	495	495	495	495	495	495	495	495	5,938
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,157	1,154	1,151	1,148	1,145	1,142	1,116	1,113	1,110	1,107	1,104	1,102	13,549
a	Recoverable Costs Allocated to Energy		89	89	89	88	88	88	86	86	85	85	85	85	1,042
b	Recoverable Costs Allocated to Demand		1,068	1,065	1,062	1,060	1,057	1,054	1,030	1,027	1,025	1,022	1,019	1,017	12,506
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		86	86	86	86	86	86	84	84	83	84	83	82	1,016
13	Retail Demand-Related Recoverable Costs (I)		1,038	1,035	1,032	1,030	1,027	1,024	1,001	998	996	993	991	988	12,154
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,124	1,121	1,119	1,116	1,113	1,110	1,085	1,082	1,079	1,077	1,074	1,071	13,170

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist Cooling Tower Cell
P.E. 1232
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
6	Average Net Investment		531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,554	2,554	2,554	2,554	2,554	2,554	2,458	2,458	2,458	2,458	2,458	2,458	30,071
b	Debt Component (Line 6 x Debt Component x 1/12)		626	626	626	626	626	626	607	607	607	607	607	607	7,401
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,180	3,180	3,180	3,180	3,180	3,180	3,065	3,065	3,065	3,065	3,065	3,065	37,472
a	Recoverable Costs Allocated to Energy		245	245	245	245	245	245	236	236	236	236	236	236	2,882
b	Recoverable Costs Allocated to Demand		2,935	2,935	2,935	2,935	2,935	2,935	2,830	2,830	2,830	2,830	2,830	2,830	34,590
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		238	238	238	238	238	239	230	230	230	232	230	230	2,811
13	Retail Demand-Related Recoverable Costs (I)		2,853	2,853	2,853	2,853	2,853	2,853	2,750	2,750	2,750	2,750	2,750	2,750	33,615
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		3,090	3,091	3,091	3,091	3,091	3,091	2,980	2,980	2,980	2,982	2,980	2,980	36,426

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist Dechlorination System
P.E.s 1180 & 1248
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	
3	Less: Accumulated Depreciation (C)	(228,692)	(229,949)	(231,205)	(232,461)	(233,718)	(234,974)	(236,230)	(237,486)	(238,743)	(239,999)	(241,255)	(242,512)	(243,768)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	152,005	150,748	149,492	148,236	146,980	145,723	144,467	143,211	141,954	140,698	139,442	138,185	136,929	
6	Average Net Investment		151,377	150,120	148,864	147,608	146,351	145,095	143,839	142,582	141,326	140,070	138,814	137,557	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		727	721	715	709	703	697	665	659	653	647	641	636	8,171
b	Debt Component (Line 6 x Debt Component x 1/12)		178	177	175	174	172	171	164	163	161	160	159	157	2,011
8	Investment Expenses														
a	Depreciation (E)		1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	15,076
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		2,161	2,154	2,146	2,139	2,131	2,124	2,085	2,078	2,071	2,064	2,056	2,049	25,258
a	Recoverable Costs Allocated to Energy		166	166	165	165	164	163	160	160	159	159	158	158	1,943
b	Recoverable Costs Allocated to Demand		1,995	1,988	1,981	1,974	1,967	1,960	1,925	1,918	1,911	1,905	1,898	1,891	23,315
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		162	161	161	160	160	159	157	156	155	156	154	153	1,895
13	Retail Demand-Related Recoverable Costs (I)		1,939	1,932	1,925	1,919	1,912	1,905	1,871	1,864	1,858	1,851	1,845	1,838	22,658
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		2,100	2,093	2,086	2,079	2,072	2,064	2,027	2,020	2,013	2,007	1,999	1,992	24,552

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
(B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
(E) Applicable depreciation rate or rates.
(F) Applicable amortization period.
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(H) Line 9a x Line 10 x line loss multiplier
(I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist Diesel Fuel Oil Remediation
P.E. 1270
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	
3	Less: Accumulated Depreciation (C)	(48,131)	(48,358)	(48,586)	(48,813)	(49,041)	(49,268)	(49,495)	(49,723)	(49,950)	(50,178)	(50,405)	(50,633)	(50,860)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	20,792	20,565	20,337	20,110	19,882	19,655	19,428	19,200	18,973	18,745	18,518	18,290	18,063	
6	Average Net Investment		20,679	20,451	20,224	19,996	19,769	19,541	19,314	19,086	18,859	18,632	18,404	18,177	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		99	98	97	96	95	94	89	88	87	86	85	84	1,099
b	Debt Component (Line 6 x Debt Component x 1/12)		24	24	24	24	23	23	22	22	22	21	21	21	270
8	Investment Expenses														
a	Depreciation (E)		227	227	227	227	227	227	227	227	227	227	227	227	2,729
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		351	350	348	347	346	344	339	337	336	335	334	332	4,099
a	Recoverable Costs Allocated to Energy		27	27	27	27	27	26	26	26	26	26	26	26	315
b	Recoverable Costs Allocated to Demand		324	323	322	320	319	318	313	311	310	309	308	307	3,784
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		26	26	26	26	26	26	25	25	25	25	25	25	307
13	Retail Demand-Related Recoverable Costs (I)		315	314	312	311	310	309	304	303	302	300	299	298	3,677
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		341	340	339	337	336	335	329	328	327	326	324	323	3,984

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist Bulk Tanker Unloading Secondary Containment
P.E. 1271
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	
3	Less: Accumulated Depreciation (C)	(80,089)	(80,424)	(80,759)	(81,094)	(81,429)	(81,764)	(82,099)	(82,434)	(82,769)	(83,104)	(83,439)	(83,774)	(84,109)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	21,406	21,071	20,736	20,401	20,066	19,731	19,396	19,061	18,726	18,391	18,056	17,721	17,387	
6	Average Net Investment		21,238	20,903	20,568	20,233	19,899	19,564	19,229	18,894	18,559	18,224	17,889	17,554	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		102	100	99	97	96	94	89	87	86	84	83	81	1,098
b	Debt Component (Line 6 x Debt Component x 1/12)		25	25	24	24	23	23	22	22	21	21	20	20	270
8	Investment Expenses														
a	Depreciation (E)		335	335	335	335	335	335	335	335	335	335	335	335	4,019
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		462	460	458	456	454	452	446	444	442	440	438	436	5,387
a	Recoverable Costs Allocated to Energy		36	35	35	35	35	35	34	34	34	34	34	34	414
b	Recoverable Costs Allocated to Demand		426	425	423	421	419	417	411	410	408	406	404	403	4,972
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		35	34	34	34	34	34	33	33	33	33	33	33	404
13	Retail Demand-Related Recoverable Costs (I)		414	413	411	409	407	405	400	398	396	395	393	391	4,832
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		449	447	445	443	441	439	433	431	430	428	426	424	5,236

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist IWW Sampling System
P.E. 1275
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	
3	Less: Accumulated Depreciation (C)	(47,303)	(47,500)	(47,696)	(47,893)	(48,089)	(48,286)	(48,482)	(48,679)	(48,875)	(49,072)	(49,268)	(49,465)	(49,661)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	12,239	12,043	11,846	11,650	11,453	11,257	11,060	10,864	10,668	10,471	10,275	10,078	9,882	
6	Average Net Investment		12,141	11,945	11,748	11,552	11,355	11,159	10,962	10,766	10,569	10,373	10,176	9,980	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		58	57	56	55	55	54	51	50	49	48	47	46	626
b	Debt Component (Line 6 x Debt Component x 1/12)		14	14	14	14	13	13	13	12	12	12	12	11	154
8	Investment Expenses														
a	Depreciation (E)		196	196	196	196	196	196	196	196	196	196	196	196	2,358
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		269	268	267	266	264	263	260	259	257	256	255	254	3,138
a	Recoverable Costs Allocated to Energy		21	21	21	20	20	20	20	20	20	20	20	20	241
b	Recoverable Costs Allocated to Demand		248	247	246	245	244	243	240	239	238	237	236	234	2,896
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		20	20	20	20	20	20	19	19	19	19	19	19	235
13	Retail Demand-Related Recoverable Costs (I)		241	240	239	238	237	236	233	232	231	230	229	228	2,815
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		261	260	259	258	257	256	252	251	250	249	248	247	3,050

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Sodium Injection System
P.E. 1214
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	
3	Less: Accumulated Depreciation (C)	(118,310)	(119,249)	(120,188)	(121,127)	(122,067)	(123,006)	(123,945)	(124,884)	(125,824)	(126,763)	(127,702)	(128,641)	(129,581)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	166,312	165,373	164,434	163,494	162,555	161,616	160,677	159,737	158,798	157,859	156,920	155,980	155,041	
6	Average Net Investment		165,843	164,903	163,964	163,025	162,086	161,146	160,207	159,268	158,329	157,389	156,450	155,511	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		796	792	787	783	778	774	740	736	732	727	723	719	9,086
b	Debt Component (Line 6 x Debt Component x 1/12)		195	194	193	192	191	190	183	182	181	180	179	178	2,236
8	Investment Expenses														
a	Depreciation (E)		939	939	939	939	939	939	939	939	939	939	939	939	11,271
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,931	1,925	1,919	1,914	1,908	1,903	1,863	1,857	1,852	1,846	1,841	1,835	22,594
a	Recoverable Costs Allocated to Energy		149	148	148	147	147	146	143	143	142	142	142	141	1,738
b	Recoverable Costs Allocated to Demand		1,782	1,777	1,772	1,767	1,761	1,756	1,719	1,714	1,709	1,704	1,699	1,694	20,856
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		144	144	144	143	143	143	140	139	139	140	138	137	1,695
13	Retail Demand-Related Recoverable Costs (I)		1,732	1,727	1,722	1,717	1,712	1,707	1,671	1,666	1,661	1,656	1,651	1,647	20,268
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,876	1,871	1,866	1,860	1,855	1,850	1,811	1,805	1,800	1,796	1,789	1,784	21,963

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Smith Stormwater Collection System
P.E. 1446
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	
3	Less: Accumulated Depreciation (C)	(1,927,957)	(1,938,738)	(1,949,519)	(1,960,300)	(1,971,081)	(1,981,863)	(1,992,644)	(2,003,425)	(2,014,206)	(2,024,987)	(2,035,768)	(2,046,549)	(2,057,330)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	836,422	825,640	814,859	804,078	793,297	782,516	771,735	760,954	750,173	739,392	728,611	717,830	707,049	
6	Average Net Investment		831,031	820,250	809,469	798,688	787,907	777,126	766,344	755,563	744,782	734,001	723,220	712,439	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		3,990	3,938	3,886	3,834	3,783	3,731	3,541	3,491	3,442	3,392	3,342	3,292	43,663
b	Debt Component (Line 6 x Debt Component x 1/12)		978	965	953	940	927	915	875	863	851	838	826	814	10,745
8	Investment Expenses														
a	Depreciation (E)		10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	129,373
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		15,749	15,685	15,620	15,556	15,491	15,427	15,198	15,135	15,073	15,011	14,949	14,887	183,780
a	Recoverable Costs Allocated to Energy		1,211	1,207	1,202	1,197	1,192	1,187	1,169	1,164	1,159	1,155	1,150	1,145	14,137
b	Recoverable Costs Allocated to Demand		14,538	14,478	14,419	14,359	14,300	14,240	14,028	13,971	13,914	13,856	13,799	13,742	169,643
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		1,177	1,174	1,169	1,166	1,162	1,158	1,141	1,136	1,131	1,137	1,121	1,115	13,785
13	Retail Demand-Related Recoverable Costs (I)		14,128	14,070	14,012	13,955	13,897	13,839	13,633	13,578	13,522	13,466	13,410	13,355	164,864
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		15,305	15,244	15,181	15,120	15,058	14,997	14,774	14,713	14,652	14,603	14,532	14,469	178,650

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Smith Waste Water Treatment Facility
P.E.s 1466 & 1643
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	153,967	11,936	10,369	20,589	67,881	9,889	22,491	43,708	340,829
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	178,962	178,962	178,962	178,962	178,962	178,962	178,962	178,962	178,962	178,962	178,962	178,962	178,962	
3	Less: Accumulated Depreciation (C)	48,283	47,585	46,887	46,189	45,491	44,793	44,095	43,397	42,699	42,001	41,303	40,605	39,908	
4	CWIP - Non Interest Bearing	0	0	0	0	0	153,967	165,903	176,272	196,861	264,742	274,631	297,121	340,829	
5	Net Investment (Lines 2 + 3 + 4) (A)	227,245	226,547	225,849	225,151	224,453	377,722	388,960	398,632	418,522	485,705	494,896	516,689	559,699	
6	Average Net Investment		226,896	226,198	225,500	224,802	301,088	383,341	393,796	408,577	452,114	490,301	505,792	538,194	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		1,089	1,086	1,083	1,079	1,446	1,840	1,820	1,888	2,089	2,266	2,337	2,487	20,510
b	Debt Component (Line 6 x Debt Component x 1/12)		267	266	265	265	354	451	450	467	516	560	578	615	5,054
8	Investment Expenses														
a	Depreciation (E)		698	698	698	698	698	698	698	698	698	698	698	698	8,375
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		2,054	2,050	2,046	2,042	2,498	2,990	2,967	3,053	3,303	3,524	3,613	3,800	33,939
a	Recoverable Costs Allocated to Energy		158	158	157	157	192	230	228	235	254	271	278	292	2,611
b	Recoverable Costs Allocated to Demand		1,896	1,892	1,889	1,885	2,306	2,760	2,739	2,818	3,049	3,253	3,335	3,507	31,328
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		154	153	153	153	187	224	223	229	248	267	271	285	2,547
13	Retail Demand-Related Recoverable Costs (I)		1,843	1,839	1,835	1,832	2,241	2,682	2,662	2,738	2,963	3,161	3,241	3,408	30,446
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,996	1,993	1,989	1,985	2,428	2,906	2,885	2,967	3,211	3,428	3,512	3,693	32,993

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Daniel Ash Management Project
P.E.s 1501, 1535, 1555, 1819
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	
3	Less: Accumulated Depreciation (C)	(5,936,185)	(5,973,560)	(6,010,936)	(6,048,311)	(6,085,686)	(6,123,062)	(6,160,437)	(6,197,812)	(6,235,187)	(6,272,563)	(6,309,938)	(6,347,313)	(6,384,689)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	9,013,939	8,976,564	8,939,188	8,901,813	8,864,438	8,827,062	8,789,687	8,752,312	8,714,937	8,677,561	8,640,186	8,602,811	8,565,435	
6	Average Net Investment		8,995,251	8,957,876	8,920,501	8,883,125	8,845,750	8,808,375	8,771,000	8,733,624	8,696,249	8,658,874	8,621,498	8,584,123	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		43,186	43,007	42,827	42,648	42,468	42,289	40,531	40,358	40,185	40,013	39,840	39,667	497,020
b	Debt Component (Line 6 x Debt Component x 1/12)		10,587	10,543	10,499	10,455	10,411	10,367	10,016	9,974	9,931	9,888	9,846	9,803	122,323
8	Investment Expenses														
a	Depreciation (E)		37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	448,504
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		24,294	24,294	24,294	17,133	22,503	22,503	22,503	22,503	22,503	22,503	22,503	28,881	276,418
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		115,442	115,219	114,996	107,611	112,759	112,535	110,426	110,211	109,995	109,780	109,564	115,727	1,344,265
a	Recoverable Costs Allocated to Energy		8,880	8,863	8,846	8,278	8,674	8,657	8,494	8,478	8,461	8,445	8,428	8,902	103,405
b	Recoverable Costs Allocated to Demand		106,562	106,356	106,150	99,334	104,085	103,879	101,932	101,733	101,534	101,335	101,136	106,825	1,240,860
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		8,630	8,624	8,607	8,063	8,455	8,446	8,291	8,269	8,250	8,314	8,219	8,666	100,833
13	Retail Demand-Related Recoverable Costs (I)		103,560	103,360	103,159	96,535	101,153	100,952	99,060	98,867	98,674	98,480	98,287	103,816	1,205,902
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		112,190	111,984	111,766	104,598	109,607	109,398	107,351	107,135	106,924	106,794	106,506	112,482	1,306,735

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Smith Water Conservation
P.E. 1601
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		302,205	220,461	92,546	140,131	39,900	(332,713)	268,041	50,534	672,146	373,299	242,192	(230,625)	1,838,117
b	Clearings to Plant		19,331	53,381	(32,617)	1,047	19,316	36,817	73,876	41,094	563,508	148,375	80,436	(525,162)	479,402
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	18,033,161	18,052,492	18,105,873	18,073,256	18,074,303	18,093,618	18,130,435	18,204,312	18,245,406	18,808,913	18,957,288	19,037,724	18,512,562	
3	Less: Accumulated Depreciation (C)	(657,165)	(727,495)	(797,900)	(868,512)	(938,998)	(1,009,488)	(1,080,053)	(1,150,762)	(1,221,759)	(1,292,916)	(1,366,270)	(1,440,204)	(1,514,451)	
4	CWIP - Non Interest Bearing	1,110,972	1,393,846	1,560,925	1,686,088	1,825,173	1,845,757	1,476,227	1,670,392	1,679,832	1,788,470	2,013,395	2,175,151	2,469,687	
5	Net Investment (Lines 2 + 3 + 4) (A)	18,486,967	18,718,843	18,868,899	18,890,832	18,960,477	18,929,888	18,526,610	18,723,942	18,703,479	19,304,468	19,604,412	19,772,671	19,467,799	
6	Average Net Investment		18,602,905	18,793,871	18,879,865	18,925,654	18,945,182	18,728,249	18,625,276	18,713,711	19,003,974	19,454,440	19,688,542	19,620,235	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		89,313	90,229	90,642	90,862	90,956	89,914	86,067	86,476	87,817	89,899	90,981	90,665	1,073,822
b	Debt Component (Line 6 x Debt Component x 1/12)		21,896	22,120	22,222	22,275	22,298	22,043	21,270	21,371	21,703	22,217	22,484	22,406	264,306
8	Investment Expenses														
a	Depreciation (E)		70,329	70,405	70,613	70,486	70,490	70,565	70,709	70,997	71,157	73,355	73,933	74,247	857,285
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		181,537	182,754	183,477	183,623	183,744	182,523	178,046	178,844	180,677	185,471	187,398	187,319	2,195,413
a	Recoverable Costs Allocated to Energy		13,964	14,058	14,114	14,125	14,134	14,040	13,696	13,757	13,898	14,267	14,415	14,409	168,878
b	Recoverable Costs Allocated to Demand		167,573	168,696	169,363	169,498	169,610	168,482	164,350	165,087	166,779	171,204	172,983	172,909	2,026,535
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		13,571	13,680	13,732	13,758	13,777	13,698	13,368	13,418	13,552	14,046	14,057	14,027	164,685
13	Retail Demand-Related Recoverable Costs (I)		162,852	163,944	164,592	164,723	164,832	163,736	159,720	160,436	162,080	166,381	168,110	168,038	1,969,443
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		176,423	177,624	178,324	178,482	178,609	177,434	173,089	173,854	175,632	180,427	182,167	182,065	2,134,128

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Underground Fuel Tank Replacement
P.E. 4397
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277		
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PE 4397 fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist FDEP Agreement for Ozone Attainment
P.E.s 1031, 1158, 1167, 1199, 1250, 1258, 1287, 1958
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		262,898	38,807	550,493	799,891	(47,571)	38,820	(267)	10,294	897	2,192	2,013	(1,631)	1,656,835
b	Clearings to Plant		0	0	0	0	2,675,476	38,820	(267)	10,294	897	2,175	1,020	(1,629)	2,726,785
c	Retirements		0	344,845	0	0	0	0	1,928,463	0	2,953	0	0	0	2,276,261
d	Cost of Removal		0	25,577	175,031	85,359	16,345	4,677	306	2,076	313	564	240	(231)	310,257
e	Salvage		0	0	0	0	(6,267)	0	0	0	0	0	0	0	(6,267)
2	Plant-in-Service/Depreciation Base (B)	120,020,154	120,020,154	119,675,310	119,675,310	119,675,310	122,350,786	122,389,605	120,460,875	120,471,169	120,469,112	120,471,287	120,472,308	120,470,679	
3	Less: Accumulated Depreciation (C)	(31,605,179)	(32,008,514)	(32,041,428)	(32,268,594)	(32,585,432)	(32,965,017)	(33,371,366)	(31,853,751)	(32,256,464)	(32,658,021)	(33,062,273)	(33,466,857)	(33,871,915)	
4	CWIP - Non Interest Bearing	1,070,958	1,333,856	1,372,663	1,923,156	2,723,047	0	0	0	0	(0)	16	1,009	1,007	
5	Net Investment (Lines 2 + 3 + 4) (A)	89,485,933	89,345,496	89,006,545	89,329,872	89,812,925	89,385,769	89,018,240	88,607,124	88,214,705	87,811,091	87,409,031	87,006,460	86,599,771	
6	Average Net Investment		89,415,715	89,176,021	89,168,208	89,571,398	89,599,347	89,202,004	88,812,682	88,410,914	88,012,898	87,610,061	87,207,745	86,803,116	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		429,285	428,134	428,097	430,032	430,166	428,259	410,403	408,547	406,708	404,846	402,987	401,117	5,008,581
b	Debt Component (Line 6 x Debt Component x 1/12)		105,242	104,960	104,951	105,426	105,458	104,991	101,424	100,965	100,511	100,051	99,591	99,129	1,232,699
8	Investment Expenses														
a	Depreciation (E)		393,279	393,279	392,141	392,141	392,141	400,970	401,098	394,733	394,767	394,761	394,768	394,771	4,738,849
b	Amortization (F)		10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	120,672
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		937,862	936,429	935,245	937,655	937,822	944,276	922,982	914,301	912,042	909,713	907,402	905,073	11,100,802
a	Recoverable Costs Allocated to Energy		72,143	72,033	71,942	72,127	72,140	72,637	70,999	70,331	70,157	69,978	69,800	69,621	853,908
b	Recoverable Costs Allocated to Demand		865,719	864,396	863,303	865,528	865,682	871,639	851,983	843,971	841,885	839,735	837,602	835,452	10,246,894
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		70,108	70,095	69,999	70,256	70,318	70,867	69,301	68,595	68,407	68,895	68,067	67,776	832,684
13	Retail Demand-Related Recoverable Costs (I)		841,330	840,044	838,981	841,144	841,293	847,083	827,981	820,194	818,167	816,078	814,005	811,916	9,958,215
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		911,438	910,139	908,980	911,399	911,612	917,950	897,282	888,789	886,574	884,973	882,072	879,691	10,790,899

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Portions of PEs 1158, 1167, 1199 and 1287 have a 7-year amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: SPCC Compliance
P.E.s 1272, 1404, 1628, 4418
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	
3	Less: Accumulated Depreciation (C)	(352,505)	(355,756)	(359,006)	(362,257)	(365,508)	(368,758)	(372,009)	(375,259)	(378,510)	(381,761)	(385,011)	(388,262)	(391,513)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	595,420	592,169	588,919	585,668	582,417	579,167	575,916	572,665	569,415	566,164	562,914	559,663	556,412	
6	Average Net Investment		593,795	590,544	587,293	584,043	580,792	577,541	574,291	571,040	567,789	564,539	561,288	558,038	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,851	2,835	2,820	2,804	2,788	2,773	2,654	2,639	2,624	2,609	2,594	2,579	32,568
b	Debt Component (Line 6 x Debt Component x 1/12)		699	695	691	687	684	680	656	652	648	645	641	637	8,015
8	Investment Expenses														
a	Depreciation (E)		3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,123
b	Amortization (F)		157	157	157	157	157	157	157	157	157	157	157	157	1,885
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		6,800	6,781	6,761	6,742	6,723	6,703	6,560	6,542	6,523	6,504	6,485	6,467	79,591
a	Recoverable Costs Allocated to Energy		523	522	520	519	517	516	505	503	502	500	499	497	6,122
b	Recoverable Costs Allocated to Demand		6,277	6,259	6,241	6,223	6,205	6,188	6,056	6,038	6,021	6,004	5,986	5,969	73,469
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		508	508	506	505	504	503	493	491	489	493	486	484	5,970
13	Retail Demand-Related Recoverable Costs (I)		6,100	6,083	6,066	6,048	6,031	6,013	5,885	5,868	5,851	5,835	5,818	5,801	71,399
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		6,609	6,591	6,572	6,553	6,535	6,516	6,378	6,359	6,341	6,327	6,304	6,285	77,369

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Beginning and Ending Balances: Crist \$919,836; Smith \$14,895.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PE 4418 has a 7-year amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist Common FTIR Monitor
P.E. 1297
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	
3	Less: Accumulated Depreciation (C)	(29,525)	(29,732)	(29,940)	(30,147)	(30,355)	(30,562)	(30,770)	(30,977)	(31,185)	(31,392)	(31,599)	(31,807)	(32,014)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	33,346	33,138	32,931	32,723	32,516	32,308	32,101	31,893	31,686	31,478	31,271	31,063	30,856	
6	Average Net Investment		33,242	33,034	32,827	32,619	32,412	32,205	31,997	31,790	31,582	31,375	31,167	30,960	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		160	159	158	157	156	155	148	147	146	145	144	143	1,815
b	Debt Component (Line 6 x Debt Component x 1/12)		39	39	39	38	38	38	37	36	36	36	36	35	447
8	Investment Expenses														
a	Depreciation (E)		207	207	207	207	207	207	207	207	207	207	207	207	2,490
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		406	405	404	402	401	400	392	391	389	388	387	386	4,752
a	Recoverable Costs Allocated to Energy		31	31	31	31	31	31	30	30	30	30	30	30	366
b	Recoverable Costs Allocated to Demand		375	374	373	372	370	369	362	361	360	358	357	356	4,386
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272		
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		30	30	30	30	30	30	29	29	29	29	29	29	356
13	Retail Demand-Related Recoverable Costs (I)		364	363	362	361	360	359	352	350	349	348	347	346	4,263
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		395	394	392	391	390	389	381	380	379	378	376	375	4,619

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Precipitator Upgrades for CAM Compliance
P.E.s 1175, 1191, 1305, 1330
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	2,656	0	(2,656)	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	
3	Less: Accumulated Depreciation (C)	(4,715,502)	(4,761,695)	(4,805,231)	(4,851,423)	(4,900,272)	(4,946,464)	(4,992,657)	(5,038,849)	(5,085,042)	(5,131,234)	(5,177,426)	(5,223,619)	(5,269,811)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	9,282,193	9,236,001	9,192,465	9,146,272	9,097,424	9,051,231	9,005,039	8,958,847	8,912,654	8,866,462	8,820,269	8,774,077	8,727,885	
6	Average Net Investment		9,259,097	9,214,233	9,169,369	9,121,848	9,074,328	9,028,135	8,981,943	8,935,750	8,889,558	8,843,366	8,797,173	8,750,981	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		44,453	44,238	44,022	43,794	43,566	43,344	41,506	41,292	41,079	40,865	40,652	40,438	509,248
b	Debt Component (Line 6 x Debt Component x 1/12)		10,898	10,845	10,792	10,736	10,680	10,626	10,257	10,205	10,152	10,099	10,046	9,994	125,331
8	Investment Expenses														
a	Depreciation (E)		46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	554,309
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		101,543	101,275	101,007	100,723	100,439	100,163	97,955	97,689	97,423	97,157	96,890	96,624	1,188,888
a	Recoverable Costs Allocated to Energy		7,811	7,790	7,770	7,748	7,726	7,705	7,535	7,515	7,494	7,474	7,453	7,433	91,453
b	Recoverable Costs Allocated to Demand		93,732	93,485	93,237	92,975	92,713	92,458	90,420	90,175	89,929	89,683	89,437	89,192	1,097,435
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		7,591	7,581	7,560	7,547	7,531	7,517	7,355	7,329	7,307	7,358	7,268	7,236	89,179
13	Retail Demand-Related Recoverable Costs (I)		91,092	90,851	90,610	90,356	90,101	89,853	87,873	87,634	87,395	87,157	86,918	86,679	1,066,518
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		98,682	98,432	98,170	97,902	97,632	97,370	95,228	94,963	94,703	94,514	94,186	93,915	1,155,697

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Plant Groundwater Investigation
P.E.s 1218 & 1361
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Crist Water Conservation Project
P.E.s 1178, 1227, 1298
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		7,471	(52)	1,066	1,231	1,850	4,081	(3)	62	814	23	363,882	14,254	394,678
b	Clearings to Plant		210,871	(52)	1,066	1,231	1,850	4,081	(3)	62	9	22	357	0	219,493
c	Retirements		0	0	397,287	0	0	0	0	0	0	0	0	0	397,287
d	Cost of Removal		5,618	0	(69)	(8)	21	26	4	23	4	8	0	5,271	10,899
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	20,023,921	20,234,793	20,234,740	19,838,519	19,839,750	19,841,600	19,845,681	19,845,678	19,845,740	19,845,749	19,845,770	19,846,127	19,846,127	
3	Less: Accumulated Depreciation (C)	(5,272,693)	(5,333,153)	(5,399,928)	(5,069,485)	(5,134,960)	(5,200,410)	(5,265,861)	(5,331,348)	(5,396,816)	(5,462,303)	(5,527,786)	(5,593,277)	(5,653,498)	
4	CWIP - Non Interest Bearing	203,400	0	0	0	0	0	0	0	0	805	806	364,332	378,586	
5	Net Investment (Lines 2 + 3 + 4) (A)	14,954,629	14,901,639	14,834,812	14,769,034	14,704,790	14,641,190	14,579,819	14,514,330	14,448,923	14,384,251	14,318,791	14,617,182	14,571,215	
6	Average Net Investment		14,928,134	14,868,226	14,801,923	14,736,912	14,672,990	14,610,505	14,547,074	14,481,627	14,416,587	14,351,521	14,467,986	14,594,198	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		71,670	71,382	71,064	70,752	70,445	70,145	67,222	66,920	66,619	66,318	66,857	67,440	826,834
b	Debt Component (Line 6 x Debt Component x 1/12)		17,570	17,500	17,422	17,345	17,270	17,197	16,613	16,538	16,464	16,389	16,522	16,667	203,497
8	Investment Expenses														
a	Depreciation (E)		66,079	66,775	66,775	65,467	65,471	65,477	65,491	65,491	65,491	65,491	65,491	65,492	788,991
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		155,319	155,657	155,261	153,564	153,186.30	152,819	149,326	148,948	148,574	148,199	148,870	149,599	1,819,322
a	Recoverable Costs Allocated to Energy		11,948	11,974	11,943	11,813	11,783.56	11,755	11,487	11,458	11,429	11,400	11,452	11,508	139,948
b	Recoverable Costs Allocated to Demand		143,372	143,683	143,317	141,752	141,402.74	141,064	137,839	137,491	137,145	136,799	137,419	138,091	1,679,374
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		11,611	11,651	11,621	11,506	11,486	11,469	11,212	11,175	11,144	11,223	11,167	11,203	136,467
13	Retail Demand-Related Recoverable Costs (I)		139,333	139,636	139,280	137,758	137,419	137,089	133,956	133,617	133,281	132,945	133,547	134,201	1,632,062
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		150,943	151,287	150,900	149,264	148,905	148,558	145,168	144,792	144,425	144,168	144,714	145,403	1,768,529

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Plant NPDES Permit Compliance Projects
P.E.s 0433, 1204 & 1299
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	6,100	14,220	15,435	8,090	3,401	4,131	109,213	174,105	43,457	1,044,490	1,422,641
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	
3	Less: Accumulated Depreciation (C)	(2,399,369)	(2,419,674)	(2,439,980)	(2,460,285)	(2,480,590)	(2,500,896)	(2,521,201)	(2,541,507)	(2,561,812)	(2,582,117)	(2,602,423)	(2,622,728)	(2,643,033)	
4	CWIP - Non Interest Bearing	0	0	0	6,100	20,320	35,755	43,845	47,246	51,377	160,590	334,695	378,152	1,422,641	
5	Net Investment (Lines 2 + 3 + 4) (A)	3,753,771	3,733,466	3,713,160	3,698,956	3,692,870	3,687,999	3,675,784	3,658,879	3,642,705	3,731,613	3,885,412	3,908,564	4,932,748	
6	Average Net Investment		3,743,618	3,723,313	3,706,058	3,695,913	3,690,435	3,681,891	3,667,332	3,650,792	3,687,159	3,808,512	3,896,988	4,420,656	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		17,973	17,876	17,793	17,744	17,718	17,677	16,947	16,870	17,038	17,599	18,008	20,428	213,671
b	Debt Component (Line 6 x Debt Component x 1/12)		4,406	4,382	4,362	4,350	4,344	4,334	4,188	4,169	4,211	4,349	4,450	5,048	52,594
8	Investment Expenses														
a	Depreciation (E)		20,305	20,305	20,305	20,305	20,305	20,305	20,305	20,305	20,305	20,305	20,305	20,305	243,664
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		42,685	42,563	42,460	42,400	42,367	42,316	41,440	41,345	41,554	42,254	42,764	45,782	509,929
a	Recoverable Costs Allocated to Energy		3,283	3,274	3,266	3,262	3,259	3,255	3,188	3,180	3,196	3,250	3,290	3,522	39,225
b	Recoverable Costs Allocated to Demand		39,401	39,289	39,194	39,138	39,108	39,061	38,252	38,165	38,358	39,004	39,474	42,260	470,704
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		3,191	3,186	3,178	3,177	3,177	3,176	3,112	3,102	3,117	3,200	3,208	3,428	38,250
13	Retail Demand-Related Recoverable Costs (I)		38,291	38,182	38,090	38,035	38,006	37,960	37,175	37,089	37,277	37,905	38,362	41,069	457,443
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		41,482	41,368	41,268	41,212	41,183	41,136	40,286	40,191	40,394	41,105	41,570	44,498	495,693

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this project, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Air Quality Compliance Program

P.E.s 1034, 1035, 1036, 1037, 1067, 1095, 1168, 1188, 1222, 1233, 1279, 1288, 1362, 1505, 1508, 1512, 1513, 1517, 1551, 1552, 1646, 1684, 1701, 1727, 1728, 1729, 1768, 1774, 1778, 1791, 1798, 1809, 1810, 1824, 1826, 1909, 1911, 1913, 1950
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		1,383,688	2,021,046	3,251,900	2,407,022	407,472	471,902	125,775	445,489	380,340	210,603	398,765	572,676	12,076,678
b	Clearings to Plant		766,276	324,471	193,701	1,791,629	6,055,603	234,002	4,519,572	115,652	115,154	385,624	35,827	22,924	14,560,434
c	Retirements		910,862	138,741	0	958,222	16,365	1,555,828	13,372,163	119,559	4,020	2,185	395,162	24,502	17,497,611
d	Cost of Removal		7,631	41,129	364,692	60,056	13,928	21,514	8,922	2,900	12,692	203,477	(55,614)	1,377	682,704
e	Salvage		0	(3,541)	0	(698,857)	(95,057)	24,059	74,120	0	69,293	(35,186)	0	(1,500)	(666,668)
2	Plant-in-Service/Depreciation Base (B)	1,343,454,328	1,343,309,742	1,343,495,471	1,343,689,172	1,344,522,579	1,350,561,817	1,349,239,991	1,340,387,399	1,340,383,492	1,340,494,626	1,340,878,064	1,340,518,729	1,340,517,152	
3	Less: Accumulated Depreciation (C)	(246,277,835)	(249,236,494)	(252,930,119)	(256,443,064)	(258,604,092)	(262,359,325)	(264,706,458)	(255,294,316)	(259,038,446)	(262,957,601)	(266,583,684)	(270,112,241)	(273,951,952)	
4	CWIP - Non Interest Bearing	6,915,094	7,532,506	9,229,081	12,660,365	13,275,758	7,627,626	7,865,527	3,471,729	3,801,566	4,066,753	3,891,732	4,254,671	4,804,422	
5	Net Investment (Lines 2 + 3 + 4) (A)	1,104,091,587	1,101,605,754	1,099,794,434	1,099,906,473	1,099,194,245	1,095,830,119	1,092,399,059	1,088,564,813	1,085,146,612	1,081,603,777	1,078,186,113	1,074,661,159	1,071,369,622	
6	Average Net Investment		1,102,848,671	1,100,700,094	1,099,850,453	1,099,550,359	1,097,512,182	1,094,114,589	1,090,481,936	1,086,855,712	1,083,375,195	1,079,894,945	1,076,423,636	1,073,015,391	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		5,294,776	5,284,461	5,280,382	5,278,941	5,269,156	5,252,844	5,039,117	5,022,360	5,006,277	4,990,195	4,974,154	4,958,404	61,651,067
b	Debt Component (Line 6 x Debt Component x 1/12)		1,298,053	1,295,524	1,294,524	1,294,171	1,291,772	1,287,773	1,245,330	1,241,189	1,237,214	1,233,240	1,229,276	1,225,384	15,173,450
8	Investment Expenses														
a	Depreciation (E)		3,848,632	3,848,516	3,849,118	3,849,642	3,852,063	3,871,896	3,867,284	3,838,070	3,838,055	3,838,411	3,839,585	3,838,570	46,179,842
b	Amortization (F)		28,520	28,520	28,520	28,520	28,520	28,520	28,520	28,520	28,520	28,520	28,520	28,520	342,237
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		548,788	548,788	548,788	542,535	547,224	547,224	547,224	547,224	659,578	559,708	559,708	569,395	6,726,185
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		11,018,769	11,005,809	11,001,332	10,993,809	10,988,735	10,988,257	10,727,476	10,677,363	10,769,644	10,650,074	10,631,242	10,620,272	130,072,781
a	Recoverable Costs Allocated to Energy		847,598	846,601	846,256	845,678	845,287	845,251	825,190	821,336	828,434	819,236	817,788	816,944	10,005,599
b	Recoverable Costs Allocated to Demand		10,171,171	10,159,208	10,155,075	10,148,131	10,143,447	10,143,007	9,902,285	9,856,028	9,941,209	9,830,837	9,813,454	9,803,328	120,067,182
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		823,691	823,817	823,397	823,735	823,940	824,657	805,464	801,067	807,774	806,557	797,482	795,290	9,756,872
13	Retail Demand-Related Recoverable Costs (I)		9,884,626	9,873,000	9,868,984	9,862,235	9,857,683	9,857,255	9,623,315	9,578,361	9,661,143	9,553,880	9,536,987	9,527,146	116,684,614
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		10,708,317	10,696,817	10,692,380	10,685,970	10,681,623	10,681,912	10,428,779	10,379,428	10,468,917	10,360,437	10,334,469	10,322,436	126,441,485

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project, if applicable
(B) Beginning Balances: Crist \$787,385,496; Smith \$229,742; Daniel \$372,892,410, Scherer \$182,946,680. Ending Balances: Crist \$783,784,344; Smith \$229,742; Daniel \$373,548,987, Scherer \$182,954,079.
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
(D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
(E) Applicable depreciation rate or rates.
(F) PE 1168 and portions of PEs 1222, 1233, 1279, 1728, 1909 and 1950 have a 7 year amortization period.
(G) Description and reason for "Other" adjustments to investment expenses for this project.
(H) Line 9a x Line 10 x line loss multiplier
(I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: General Water Quality
P.E.s 0831, 0861 & 1280
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	1,350	1,455	4	2	(6)	2,804
b	Clearings to Plant		0	0	0	0	0	832,922	0	1,350	1,455	4	2	(6)	835,726
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	832,922	832,922	834,271	835,726	835,729	835,732	835,726	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	(2,749)	(5,497)	(8,250)	(11,008)	(13,766)	(16,524)	
4	CWIP - Non Interest Bearing	832,922	832,922	832,922	832,922	832,922	832,922	0	0	0	(0)	(0)	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	832,922	832,922	832,922	832,922	832,922	832,922	832,922	830,173	828,774	827,475	824,721	821,966	819,202	
6	Average Net Investment		832,922	832,922	832,922	832,922	832,922	832,922	831,547	829,473	828,125	826,098	823,343	820,584	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		3,999	3,999	3,999	3,999	3,999	3,999	3,843	3,833	3,827	3,817	3,805	3,792	46,909
b	Debt Component (Line 6 x Debt Component x 1/12)		980	980	980	980	980	980	950	947	946	943	940	937	11,545
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	2,749	2,749	2,753	2,758	2,758	2,758	16,524
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		4,979	4,979	4,979	4,979	4,979	4,979	7,541	7,529	7,526	7,519	7,503	7,487	74,979
a	Recoverable Costs Allocated to Energy		383	383	383	383	383	383	580	579	579	578	577	576	5,768
b	Recoverable Costs Allocated to Demand		4,596	4,596	4,596	4,596	4,596	4,596	6,961	6,950	6,947	6,940	6,926	6,911	69,211
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		372	373	373	373	373	374	566	565	564	569	563	561	5,626
13	Retail Demand-Related Recoverable Costs (I)		4,467	4,467	4,467	4,467	4,467	4,467	6,765	6,754	6,751	6,745	6,731	6,716	67,262
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		4,839	4,839	4,839	4,840	4,840	4,840	7,331	7,319	7,315	7,314	7,293	7,277	72,888

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project, if applicable
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PE 1280 is fully amortized
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Coal Combustion Residuals
P.E.s 0404, 0412, 0424, 0514, 1641, 1997, 4405, 4430, 4440, 6756, 6757, 6759, 6764, 6765, CCR-C, CCR-D, CCR-S
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		1,171,460	1,417,162	1,777,632	1,799,573	3,707,002	3,956,698	4,278,217	5,464,436	3,605,186	2,631,803	4,959,508	4,054,007	38,822,685
b	Clearings to Plant		(46,474)	763,551	(22,923)	142,137	53,422	73	6,734	6,579	1,515	158	(283)	709,303	1,613,794
c	Retirements		0	0	0	0	0	65,676	0	0	0	0	0	0	65,676
d	Cost of Removal		(76,251)	0	0	0	0	0	0	0	0	0	57,172	(89)	(19,168)
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	1,750,303	1,703,830	2,467,381	2,444,458	2,586,595	2,640,017	2,574,415	2,581,149	2,587,728	2,589,243	2,589,402	2,589,118	3,298,422	
3	Less: Accumulated Depreciation (C)	(36,344,332)	(36,480,234)	(36,539,805)	(36,600,746)	(36,661,649)	(36,722,984)	(36,718,735)	(36,773,216)	(36,833,021)	(36,892,826)	(36,952,631)	(36,955,264)	(37,015,158)	
4	CWIP - Non Interest Bearing	9,194,671	10,412,605	11,066,216	12,866,770	14,524,207	18,177,787	22,134,412	26,405,895	31,863,752	35,467,422	38,099,067	43,058,858	46,403,562	
5	Net Investment (Lines 2 + 3 + 4) (A)	(25,399,358)	(24,363,800)	(23,006,209)	(21,289,517)	(19,550,847)	(15,905,180)	(12,009,908)	(7,786,172)	(2,381,541)	1,163,840	3,735,838	8,692,712	12,686,826	
6	Average Net Investment		(24,881,579)	(23,685,004)	(22,147,863)	(20,420,182)	(17,728,014)	(13,957,544)	(9,898,040)	(5,083,857)	(608,851)	2,449,839	6,214,275	10,689,769	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		(119,456)	(113,712)	(106,332)	(98,037)	(85,112)	(67,010)	(45,739)	(23,493)	(2,813)	11,321	28,716	49,397	(572,270)
b	Debt Component (Line 6 x Debt Component x 1/12)		(29,286)	(27,877)	(26,068)	(24,035)	(20,866)	(16,428)	(11,304)	(5,806)	(695)	2,798	7,097	12,208	(140,262)
8	Investment Expenses														
a	Depreciation (E)		4,790	4,711	6,080	6,043	6,474	6,566	4,944	4,944	4,944	4,944	4,944	4,944	64,329
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	658,328
d	Property Taxes		1,185	1,185	1,185	1,233	1,197	1,197	1,197	1,197	5,659	1,693	1,693	1,752	20,370
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		(87,907)	(80,833)	(70,275)	(59,935)	(43,446)	(20,815)	3,959	31,703	61,955	75,616	97,310	123,162	30,495
a	Recoverable Costs Allocated to Energy		(6,762)	(6,218)	(5,406)	(4,610)	(3,342)	(1,601)	305	2,439	4,766	5,817	7,485	9,474	2,346
b	Recoverable Costs Allocated to Demand		(81,145)	(74,615)	(64,869)	(55,325)	(40,104)	(19,214)	3,655	29,265	57,189	69,799	89,825	113,688	28,149
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		(6,571)	(6,051)	(5,260)	(4,491)	(3,258)	(1,562)	297	2,379	4,647	5,727	7,300	9,223	2,380
13	Retail Demand-Related Recoverable Costs (I)		(78,859)	(72,513)	(63,041)	(53,766)	(38,975)	(18,673)	3,552	28,440	55,578	67,833	87,294	110,485	27,356
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		(85,430)	(78,563)	(68,301)	(58,257)	(42,232)	(20,235)	3,849	30,819	60,225	73,560	94,594	119,708	29,735

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project, if applicable
 (B) Beginning Balances: Crist \$441,896; Smith \$462,055; Scherer \$69,540; Scholz \$672,088; Daniel \$104,724. Ending Balances: Crist \$441,896; Smith \$528,323; Scherer \$1,550,297; Scholz \$673,181; Daniel \$104,724.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Capital Investments, Depreciation and Taxes
For Project: Steam Electric Effluent Limitations Guidelines
P.E.s 1193 & 1912
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	(9,412)	15,621	66,405	11,270	357	2,017	291	705	426	(1,169)	86,511
b	Clearings to Plant		0	5,571,375	(9,412)	15,621	66,405	11,270	357	2,017	291	705	426	(1,169)	5,657,885
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	5,571,375	5,561,963	5,577,584	5,643,989	5,655,259	5,655,616	5,657,633	5,657,923	5,658,628	5,659,054	5,657,885	
3	Less: Accumulated Depreciation (C)	0	0	0	(18,386)	(36,740)	(55,146)	(73,771)	(92,434)	(111,097)	(129,767)	(148,438)	(167,112)	(185,787)	
4	CWIP - Non Interest Bearing	5,571,375	5,571,375	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	5,571,375	5,571,375	5,571,375	5,543,577	5,540,844	5,588,843	5,581,488	5,563,182	5,546,536	5,528,156	5,510,190	5,491,943	5,472,099	
6	Average Net Investment		5,571,375	5,571,375	5,557,476	5,542,211	5,564,844	5,585,165	5,572,335	5,554,859	5,537,346	5,519,173	5,501,066	5,482,021	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		26,748	26,748	26,681	26,608	26,717	26,814	25,750	25,669	25,588	25,504	25,420	25,332	313,581
b	Debt Component (Line 6 x Debt Component x 1/12)		6,558	6,558	6,541	6,523	6,550	6,574	6,364	6,344	6,324	6,303	6,282	6,260	77,179
8	Investment Expenses														
a	Depreciation (E)		0	0	18,386	18,354	18,406	18,625	18,662	18,664	18,670	18,671	18,673	18,675	185,787
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		33,306	33,306	51,608	51,486	51,673	52,013	50,776	50,676	50,582	50,478	50,376	50,268	576,547
a	Recoverable Costs Allocated to Energy		2,562	2,562	3,970	3,960	3,975	4,001	3,906	3,898	3,891	3,883	3,875	3,867	44,350
b	Recoverable Costs Allocated to Demand		30,744	30,744	47,638	47,525	47,698	48,012	46,870	46,778	46,691	46,595	46,501	46,401	532,197
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		2,490	2,493	3,863	3,858	3,874	3,904	3,812	3,802	3,794	3,823	3,779	3,764	43,255
13	Retail Demand-Related Recoverable Costs (I)		29,878	29,878	46,296	46,186	46,354	46,660	45,549	45,460	45,376	45,283	45,191	45,094	517,204
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		32,367	32,371	50,159	50,044	50,229	50,563	49,362	49,262	49,169	49,105	48,970	48,858	560,459

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this project, if applicable
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this project.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Working Capital, Mercury Allowance Expenses
For Project: Mercury Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Average Net Working Capital Balance		0	0	0	0	0	0	0	0	0	0	0	0	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 4 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Total Return Component (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Mercury Allowance Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Net Expenses (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 6 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3A.
 (E) Line 8 is reported on Schedule 2A.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Working Capital, Annual NOx Expenses
For Project: Annual NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	26,839	23,838	21,614	19,219	17,415	16,886	16,056	15,147	14,298	13,345	12,562	9,564	7,025	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	26,839	23,838	21,614	19,219	17,415	16,886	16,056	15,147	14,298	13,345	12,562	9,564	7,025	
4	Average Net Working Capital Balance		25,339	22,726	20,416	18,317	17,150	16,471	15,602	14,723	13,822	12,953	11,063	8,294	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		122	109	98	88	82	79	72	68	64	60	51	38	931
b	Debt Component (Line 4 x Debt Component x 1/12)		30	27	24	22	20	19	18	17	16	15	13	9	229
6	Total Return Component (D)		151	136	122	110	103	98	90	85	80	75	64	48	1,160
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Annual NOx Allowance Expense		3,000	2,225	2,395	1,804	529	830	909	849	954	783	2,998	2,539	19,814
8	Net Expenses (E)		3,000	2,225	2,395	1,804	529	830	909	849	954	783	2,998	2,539	19,814
9	Total System Recoverable Expenses (Lines 6 + 8)		3,152	2,361	2,517	1,913	631	928	999	934	1,033	858	3,061	2,587	20,974
a	Recoverable Costs Allocated to Energy		3,012	2,235	2,404	1,812	537	837	916	855	960	789	3,002	2,543	19,903
b	Recoverable Costs Allocated to Demand		140	125	113	101	95	91	83	78	74	69	59	44	1,071
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)		2,927	2,175	2,340	1,765	523	817	894	834	936	777	2,928	2,475	19,391
13	Retail Demand-Related Recoverable Costs (C)		136	122	109	98	92	88	81	76	71	67	57	43	1,041
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		3,063	2,297	2,449	1,863	615	905	975	910	1,007	844	2,985	2,518	20,432

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3A.
 (E) Line 8 is reported on Schedule 2A.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Working Capital, Seasonal NOx Expenses
For Project: Seasonal NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	36,443	36,443	36,443	36,443	36,443	18,932	24,871	18,796	14,137	8,181	8,181	8,181	8,181	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	36,443	36,443	36,443	36,443	36,443	18,932	24,871	18,796	14,137	8,181	8,181	8,181	8,181	
4	Average Net Working Capital Balance		36,443	36,443	36,443	36,443	27,688	21,901	21,834	16,466	11,159	8,181	8,181	8,181	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		175	175	175	175	133	105	101	76	52	38	38	38	1,280
b	Debt Component (Line 4 x Debt Component x 1/12)		43	43	43	43	33	26	25	19	13	9	9	9	314
6	Total Return Component (D)		218	218	218	218	166	131	126	95	64	47	47	47	1,594
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Seasonal NOx Allowance Expense		0	0	0	0	3,471	7,085	6,075	4,660	5,955	0	0	0	27,246
8	Net Expenses (E)		0	0	0	0	3,471	7,085	6,075	4,660	5,955	0	0	0	27,246
9	Total System Recoverable Expenses (Lines 6 + 8)		218	218	218	218	3,636	7,216	6,201	4,754	6,020	47	47	47	28,840
a	Recoverable Costs Allocated to Energy		17	17	17	17	3,483	7,095	6,085	4,667	5,960	4	4	4	27,368
b	Recoverable Costs Allocated to Demand		201	201	201	201	153	121	116	88	59	44	44	44	1,472
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)		16	16	16	16	3,395	6,922	5,939	4,552	5,812	4	4	4	26,696
13	Retail Demand-Related Recoverable Costs (C)		195	195	195	195	148	117	113	85	58	42	42	42	1,430
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		212	212	212	212	3,544	7,040	6,052	4,637	5,869	46	46	46	28,127

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3A.
 (E) Line 8 is reported on Schedule 2A.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Working Capital, SO2 Expenses
For Project: SO2 Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	51	20	0	0	0	0	0	0	71
2	Working Capital														
a	FERC 158.1 Allowance Inventory	6,327,278	6,326,581	6,326,443	6,326,350	6,326,191	6,324,271	6,323,150	6,321,913	6,320,977	6,319,648	6,315,836	6,315,610	6,314,539	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	(401)	(388)	(376)	(363)	(351)	(385)	(385)	(366)	(346)	(327)	(307)	(288)	(268)	
3	Total Working Capital Balance	6,326,878	6,326,193	6,326,068	6,325,987	6,325,840	6,323,887	6,322,765	6,321,548	6,320,630	6,319,321	6,315,528	6,315,322	6,314,271	
4	Average Net Working Capital Balance		6,326,535	6,326,130	6,326,027	6,325,914	6,324,864	6,323,326	6,322,156	6,321,089	6,319,976	6,317,425	6,315,425	6,314,796	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		30,374	30,372	30,371	30,371	30,366	30,358	29,215	29,210	29,205	29,193	29,184	29,181	357,397
b	Debt Component (Line 4 x Debt Component x 1/12)		7,446	7,446	7,446	7,446	7,444	7,443	7,220	7,219	7,217	7,214	7,212	7,211	87,965
6	Total Return Component (D)		37,820	37,818	37,817	37,816	37,810	37,801	36,435	36,428	36,422	36,407	36,396	36,392	445,362
7	Expenses														
a	Gains		(13)	(13)	(13)	(13)	(17)	(19)	(19)	(19)	(19)	(19)	(19)	(19)	(204)
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	SO2 Allowance Expense		734	160	118	192	548	1,121	1,237	937	1,328	3,813	226	1,071	11,484
8	Net Expenses (E)		722	148	105	179	531	1,101	1,218	917	1,309	3,793	206	1,051	11,280
9	Total System Recoverable Expenses (Lines 6 + 8)		38,542	37,965	37,922	37,995	38,341	38,902	37,652	37,346	37,731	40,201	36,602	37,443	456,642
a	Recoverable Costs Allocated to Energy		3,631	3,057	3,014	3,088	3,439	4,009	4,020	3,720	4,110	6,594	3,006	3,851	45,539
b	Recoverable Costs Allocated to Demand		34,911	34,909	34,908	34,907	34,902	34,893	33,632	33,626	33,620	33,607	33,596	33,593	411,104
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)		3,529	2,975	2,933	3,008	3,352	3,911	3,924	3,628	4,008	6,492	2,931	3,749	44,439
13	Retail Demand-Related Recoverable Costs (C)		33,927	33,925	33,925	33,924	33,918	33,910	32,684	32,679	32,673	32,660	32,650	32,646	399,522
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		37,456	36,900	36,857	36,932	37,270	37,821	36,609	36,307	36,681	39,152	35,581	36,395	443,961

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3A.
 (E) Line 8 is reported on Schedule 2A.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018
Return on Working Capital, Amortization Expense
For Project: Regulatory Asset Smith Units 1 & 2
For Retired P.E.s 1413, 1440, 1441, 1442, 1444, 1454, 1459, 1460, 1461, 1462, 1468, 1469, 1647, 1620, 1638
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Regulatory Asset Balance 182.2 (B)	21,344,257	21,344,257	21,225,677	21,107,098	20,988,518	20,869,939	20,751,360	20,632,781	20,514,202	20,395,622	20,277,043	20,158,464	20,039,885	
2	Less Amortization (C)	0	(118,580)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	
3	Net Regulatory Asset Balance (Lines 1 + 2) (A)	21,344,257	21,225,677	21,107,098	20,988,518	20,869,939	20,751,360	20,632,781	20,514,202	20,395,622	20,277,043	20,158,464	20,039,885	19,921,306	
4	Average Regulatory Asset Balance		21,284,967	21,166,387	21,047,808	20,929,229	20,810,650	20,692,070	20,573,491	20,454,912	20,336,333	20,217,754	20,099,174	19,980,595	
5	Return on Average Regulatory Asset Balance														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		102,189	101,620	101,051	100,481	99,912	99,343	95,070	94,522	93,974	93,426	92,878	92,330	1,166,797
b	Debt Component (Line 6 x Debt Component x 1/12)		25,052	24,913	24,773	24,634	24,494	24,355	23,495	23,360	23,224	23,089	22,953	22,818	287,159
6	Amortization Expense														
a	Amortization (E)		118,580	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	1,422,951
b	Other (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Total System Recoverable Expenses (Lines 5 + 6)		245,822	245,112	244,403	243,694	242,985	242,276	237,144	236,461	235,777	235,094	234,411	233,727	2,876,907
a	Recoverable Costs Allocated to Energy		18,909	18,855	18,800	18,746	18,691	18,637	18,242	18,189	18,137	18,084	18,032	17,979	221,301
b	Recoverable Costs Allocated to Demand		226,912	226,257	225,603	224,948	224,294	223,640	218,902	218,272	217,641	217,010	216,379	215,748	2,655,606
8	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
9	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
10	Retail Energy-Related Recoverable Costs (G)		18,376	18,347	18,292	18,259	18,219	18,183	17,806	17,740	17,684	17,804	17,584	17,502	215,798
11	Retail Demand-Related Recoverable Costs (H)		220,520	219,883	219,247	218,611	217,975	217,339	212,735	212,122	211,509	210,896	210,283	209,670	2,580,792
12	Total Jurisdictional Recoverable Costs (Lines 10 + 11)		238,896	238,230	237,539	236,870	236,194	235,522	230,541	229,863	229,194	228,701	227,867	227,173	2,796,590

Notes:

- (A) End of period Regulatory Asset Balance.
 (B) Beginning of period Regulatory Asset Balance.
 (C) Regulatory Asset has a 15 year amortization period.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Regulatory Asset has a 15 year amortization period.
 (F) Description and reason for "Other" adjustments to regulatory asset.
 (G) Line 7a x Line 8 x line loss multiplier
 (H) Line 7b x Line 9.

Schedule 9A
Page 1 of 2

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - June 2018

FPSC Capital Structure and Cost Rates

Line	Capital Component	(1) Jurisdictional Amount (\$000s)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %	(5) Revenue Requirement Rate %	(6) Monthly Revenue Requirement Rate %
1	Bonds	743,673	30.7440	4.40	1.3527	1.3527	
2	Short-Term Debt	28,504	1.1784	3.02	0.0356	0.0356	
3	Preferred Stock	94,609	3.9112	6.15	0.2405	0.3221	
4	Common Stock	957,875	39.5993	10.25	4.0589	5.4369	
5	Customer Deposits	24,536	1.0143	2.30	0.0233	0.0233	
6	Deferred Taxes	568,999	23.5229				
7	Investment Tax Credit	<u>721</u>	<u>0.0298</u>	7.61	0.0023	<u>0.0028</u>	
8	Total	<u>2,418,917</u>	<u>100.0000</u>		<u>5.7133</u>	<u>7.1734</u>	<u>0.5978</u>
	<u>ITC Component:</u>						
9	Debt	743,673	41.4036	4.40	1.8218	0.0005	
10	Equity-Preferred	94,609	5.2673	6.15	0.3239	0.0001	
11	-Common	<u>957,875</u>	<u>53.3291</u>	10.25	<u>5.4662</u>	<u>0.0022</u>	
12		<u>1,796,157</u>	<u>100.0000</u>		<u>7.6119</u>	<u>0.0028</u>	
	<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>						
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.4121	0.1177
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.7613</u>	0.4801
15	Total Revenue Requirement Rate of Return					<u>7.1734</u>	<u>0.5978</u>

Column:

- (1) Based on MFR D-1a in Docket No. 160186-EI with the following adjustments in order to reflect specific terms in the Stipulation and Settlement Agreement under the same Docket.
-Reduced the common equity balance and increased the long-term debt balance in order to calculate a 52.5% equity ratio based on jurisdictional investors sources of capital (long-term debt, short-term debt, preference stock and common equity)
- (2) Column (1) / Total Column (1)
- (3) Based on MFR D-1a in Docket No. 160186-EI with the following adjustments in order to reflect specific terms in the Stipulation and Settlement Agreement under the same Docket.
-Reduced the common equity cost rate to 10.25%.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.345% = effective income tax rate
For debt components: Column (4)
- (6) Column (5) / 12

Schedule 9A
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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
July 2018 - December 2018

FPSC Capital Structure and Cost Rates

Line	Capital Component	(1) Jurisdictional Amount (\$000s)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %	(5) Revenue Requirement Rate %	(6) Monthly Revenue Requirement Rate %
1	Bonds	826,744	34.2628	3.89	1.3328	1.3328	
2	Short-Term Debt	9,317	0.3861	4.17	0.0161	0.0161	
3	Preferred Stock	7,010	0.2905	6.14	0.0178	0.0238	
4	Common Stock	969,929	40.1968	10.25	4.1202	5.5190	
5	Customer Deposits	22,436	0.9298	2.29	0.0213	0.0213	
6	Deferred Taxes	576,770	23.9031				
7	Investment Tax Credit	<u>741</u>	<u>0.0307</u>	7.39	0.0023	<u>0.0028</u>	
8	Total	<u>2,412,949</u>	<u>100.0000</u>		<u>5.5105</u>	<u>6.9158</u>	<u>0.5763</u>
<u>ITC Component:</u>							
9	Debt	826,744	45.8364	3.89	1.7830	0.0005	
10	Equity-Preferred	7,010	0.3887	6.14	0.0239	0.0000	
11	-Common	<u>969,929</u>	<u>53.7749</u>	10.25	<u>5.5119</u>	<u>0.0023</u>	
12		<u>1,803,684</u>	<u>100.0000</u>		<u>7.3188</u>	<u>0.0028</u>	
<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>							
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.3707	0.1142
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.5451</u>	0.4621
15	Total Revenue Requirement Rate of Return					<u>6.9158</u>	<u>0.5763</u>

Column:

- (1) Based on the May 2018 Surveillance Report, Schedule 4
Adjusted to achieve the 53.5% equity ratio as prescribed in the 2018 Tax Reform Settlement Agreement in Docket No. 20180039-EI.
- (2) Column (1) / Total Column (1)
- (3) Based on the May 2018 Surveillance Report, Schedule 4.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.345% = effective income tax rate
For debt components: Column (4)
- (6) Column (5) / 12

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount
January 2018 - December 2018

For Project: Scherer - Air Quality Compliance and CCR Programs

P.E.s 1701, 1727, 1728, 1729, 1768, 1774, 1778, 1791, 1798, 6524, 6756, 6757, 6759, 6764, 6765, CCR-S
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	12-Month Total
1	Investments														
a	Expenditures/Additions		352,056	554,968	653,398	463,971	1,254,690	984,781	837,560	2,163,128	993,032	862,200	1,841,886	1,380,481	12,342,151
b	Clearings to Plant		3,014	714,393	21,304	20,944	4,596	21	6,773	7,408	4,001	394	2,547	711,852	1,497,247
c	Retirements		0	0	0	0	0	0	0	0	0	2,185	6,905	0	9,090
d	Cost of Removal		(76,251)	0	0	0	0	0	0	0	0	101	0	107	(76,042)
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	183,016,220	183,019,234	183,733,628	183,754,932	183,775,876	183,780,472	183,780,493	183,787,266	183,794,674	183,798,674	183,796,883	183,792,525	184,504,377	
3	Less: Accumulated Depreciation	(24,375,519)	(24,784,182)	(25,116,600)	(25,450,303)	(25,784,044)	(26,117,823)	(26,451,610)	(26,778,709)	(27,111,131)	(27,443,555)	(27,773,697)	(28,099,216)	(28,431,526)	
4	Working Capital (Emissions)	36,232	33,219	30,986	28,583	26,767	26,230	25,389	24,470	23,609	22,646	21,858	18,851	16,303	
5	CWIP - Non Interest Bearing	6,150,590	6,499,632	6,340,207	6,972,301	7,415,328	8,665,422	9,650,182	10,480,969	12,636,689	13,625,721	14,487,526	16,326,865	16,995,494	
6	Net Investment (Lines 2 + 3 + 4 + 5)	164,827,523	164,767,903	164,988,221	165,305,513	165,433,928	166,354,301	167,004,453	167,513,995	169,343,841	170,003,485	170,532,571	172,039,024	173,084,647	
7	Average Net Investment		164,797,713	164,878,062	165,146,867	165,369,720	165,894,114	166,679,377	167,259,224	168,428,918	169,673,663	170,268,028	171,285,798	172,561,836	
8	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12)		791,194	791,580	792,870	793,940	796,458	800,228	772,905	778,310	784,062	786,809	791,512	797,408	9,477,274
b	Debt Component (Line 6 x Debt Component x 1/12)		193,967	194,061	194,378	194,640	195,257	196,182	191,010	192,346	193,767	194,446	195,608	197,066	2,332,729
9	Investment Expenses														
a	Depreciation		329,392	329,397	330,683	330,722	330,759	330,767	329,402	329,402	329,404	329,408	329,405	329,398	3,958,140
b	Amortization		247	247	247	247	247	247	247	247	247	247	247	247	2,966
c	Dismantlement		2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	33,273
d	Property Taxes		24,004	24,004	24,004	27,329	24,835	24,835	24,835	24,835	141,651	37,815	37,815	37,534	453,497
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
10	O&M and Emissions														
a	O&M Expense		132,866	86,072	89,709	121,560	104,399	176,615	171,290	127,471	143,437	148,464	101,900	66,902	1,470,685
b	Emissions Expense		3,169	2,326	2,506	1,952	1,039	1,863	2,016	1,908	2,104	834	3,130	2,652	25,497
11	Total System Recoverable Expenses (Lines 8 + 9 + 10)		1,477,611	1,430,460	1,437,170	1,473,163	1,455,767	1,533,510	1,494,478	1,457,293	1,597,445	1,500,795	1,462,390	1,433,978	17,754,061
a	Recoverable Costs Allocated to Energy		236,943	202,602	189,768	221,816	210,636	280,518	272,615	232,764	245,967	250,926	207,250	176,978	2,728,782
b	Recoverable Costs Allocated to Demand		1,240,668	1,227,858	1,247,401	1,251,347	1,245,132	1,252,991	1,221,864	1,224,529	1,351,478	1,249,869	1,255,140	1,257,001	15,025,278
12	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
13	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
14	Retail Energy-Related Recoverable Costs		230,260	197,149	184,642	216,060	205,316	273,684	266,097	227,020	239,833	247,042	202,104	172,287	2,661,496
15	Retail Demand-Related Recoverable Costs		1,205,716	1,193,267	1,212,259	1,216,094	1,210,053	1,217,692	1,187,441	1,190,031	1,313,404	1,214,657	1,219,780	1,221,588	14,601,982
16	Total Jurisdictional Recoverable Costs (Lines 14 + 15)		1,435,976	1,390,416	1,396,901	1,432,154	1,415,369	1,491,376	1,453,539	1,417,051	1,553,236	1,461,700	1,421,884	1,393,875	17,263,477
17	Scherer/Flint Credit(24%)		344,634	333,700	335,256	343,717	339,689	357,930	348,849	340,092	372,777	350,808	341,252	334,530	4,143,235

Schedule 1E

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

<u>Line No.</u>		<u>Period Amount (\$)</u>
1	Over/(Under) Recovery for the Current Period (Schedule 2E, Line 5 + 9)	4,426,632
2	Interest Provision (Schedule 2E, Line 6)	<u>214,239</u>
3	Current Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2020 - December 2020 (Lines 1 + 2)	<u>4,640,870</u>

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 22
PARTY: GULF POWER COMPANY (GULF) –
(DIRECT)
DESCRIPTION: C. Shane Boyett CSB-2

Schedule 2E

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)

January 2019 - December 2019

Calculation of the Current Period Estimated True-Up Amount

Current Period True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Amount
1	ECRC Revenues (Net of Revenue Taxes)												
2	True-Up Provision (Order No. PSC-2018-0594-FOF-EI)	13,657,836	10,323,250	11,590,808	11,609,091	15,888,312	17,551,003	18,832,691	16,000,871	13,522,217	11,651,587	13,173,398	172,464,676
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	1,051,379	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	12,616,603
		14,709,215	11,374,634	12,642,192	12,660,475	16,939,696	18,602,387	19,884,075	17,052,255	14,573,601	12,702,971	14,224,782	185,081,279
4	Jurisdictional ECRC Costs												
a	O & M Activities (Schedule 5E, Line 9)	3,049,120	1,766,665	2,466,911	1,741,240	2,502,734	2,154,447	2,648,882	2,890,913	2,729,407	2,483,090	2,741,300	29,845,258
b	Capital Investment Programs (Schedule 7E, Line 9)	12,457,436	12,459,241	12,496,274	12,531,591	12,530,598	12,533,640	12,601,507	12,629,298	12,641,862	12,649,390	12,662,420	150,809,389
c	Total Jurisdictional ECRC Costs	15,506,556	14,225,906	14,963,185	14,272,831	15,033,332	14,688,088	15,250,390	15,520,211	15,371,269	15,132,480	15,403,720	180,654,647
5	Over/(Under) Recovery (Line 3 - Line 4c)	(797,341)	(2,851,271)	(2,320,992)	(1,612,356)	1,906,364	3,914,299	4,633,686	1,532,044	(797,668)	(2,429,508)	(1,178,938)	4,426,632
6	Interest Provision (Schedule 3E, Line 10)	27,353	21,566	14,519	8,431	6,475	9,992	16,088	26,617	25,346	20,244	14,763	214,239
7	Beginning Balance True-Up & Interest Provision												
a	Actual Total for True-Up Period 2018	11,333,073	9,511,706	5,630,617	2,272,760	(382,550)	478,905	3,351,812	10,349,976	10,857,253	9,033,547	5,572,899	11,333,073
b	Final True-Up from January 2017 - December 2017 (Order No. PSC-2018-0594-FOF-EI)	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666
8	True-Up Collected/(Refunded) (see Line 2)	(1,051,379)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(12,616,603)
9	Adjustments												0.00
10	End of Period Total True-Up (Lines 5 + 6 + 7a + 7b + 8 + 9)	12,691,372	8,810,283	5,452,426	2,797,116	3,658,571	6,531,478	10,129,868	14,036,919	12,213,213	8,752,565	6,537,006	6,537,006

Schedule 3E

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Line	Interest Provision (in Dollars)												End of Period Amount
	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	
1 Beg. True-Up Amount (Schedule 2E, Lines 7a + 7b)	14,512,739	12,691,372	8,810,283	5,452,426	2,797,116	3,658,571	6,531,478	10,129,868	13,529,642	14,036,919	12,213,213	8,752,565	
2 Ending True-Up Amount Before Interest (Line 1 + Schedule 2E, Lines 5 + 8)	12,664,019	8,788,717	5,437,907	2,788,686	3,652,096	6,521,487	10,113,780	13,506,797	14,010,302	12,187,867	8,732,321	6,522,243	
3 Total of Beginning & Ending True-up (Lines 1 + 2)	27,176,758	21,480,090	14,248,190	8,241,112	6,449,213	10,180,058	16,645,258	23,636,665	27,539,943	26,224,786	20,945,534	15,274,808	
4 Average True-Up Amount (Line 3 x 1/2)	13,588,379	10,740,045	7,124,095	4,120,556	3,224,606	5,090,029	8,322,629	11,818,332	13,769,972	13,112,393	10,472,767	7,637,404	
5 Interest Rate (First Day of Reporting Business Month)	0.02420	0.02410	0.02410	0.02480	0.02430	0.02390	0.02320	0.0232	0.0232	0.0232	0.0232	0.0232	
6 Interest Rate (First Day of Subsequent Business Month)	0.02410	0.02410	0.02480	0.02430	0.02390	0.02320	0.0232	0.0232	0.0232	0.0232	0.0232	0.0232	
7 Total of Beginning and Ending Interest Rates (Line 5 + Line 6)	0.04830	0.04820	0.04890	0.04910	0.04820	0.04710	0.0464	0.0464	0.0464	0.0464	0.0464	0.0464	
8 Average Interest Rate (Line 7 x 1/2)	0.02415	0.02410	0.02445	0.02455	0.02410	0.02355	0.02320	0.02320	0.02320	0.02320	0.02320	0.02320	
9 Monthly Average Interest Rate (Line 8 x 1/12)	0.00201	0.00201	0.00204	0.00205	0.00201	0.00196	0.00193	0.00193	0.00193	0.00193	0.00193	0.00193	
10 Interest Provision for the Month (Line 4 x Line 9)	27,353	21,566	14,519	8,431	6,475	9,992	16,088	22,845	26,617	25,346	20,244	14,763	214,239

Schedule 4E

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Variance Report of O & M Activities
(in Dollars)

<u>Line</u>		(1)	(2)	(3)	(4)
		Estimated/ <u>Actual</u>	Original <u>Projection</u>	<u>Amount</u>	<u>Variance</u> <u>Percent</u>
1	Description of O & M Activities				
.1	Sulfur	0	0	0	0.0 %
.2	Air Emission Fees	216,023	305,099	(89,076)	(29.2) %
.3	Title V	260,325	293,254	(32,929)	(11.2) %
.4	Asbestos Fees	1,207	1,000	207	21 %
.5	Emission Monitoring	770,225	739,036	31,189	4.2 %
.6	General Water Quality	1,967,116	2,014,654	(47,538)	(2.4) %
.7	Groundwater Contamination Investigation	2,270,787	2,825,274	(554,487)	(19.6) %
.8	State NPDES Administration	42,376	42,000	376	0.9 %
.9	Lead and Copper Rule	0	4,000	(4,000)	(100.0) %
.10	Env Auditing/Assessment	16,005	15,000	1,005	6.7 %
.11	General Solid & Hazardous Waste	1,026,680	1,000,000	26,680	2.7 %
.12	Above Ground Storage Tanks	121,715	92,532	29,183	31.5 %
.13	Low NOx	0	0	0	0.0 %
.14	Ash Pond Diversion Curtains	0	0	0	0.0 %
.15	Mercury Emissions	0	0	0	0.0 %
.16	Sodium Injection	(0)	10,000	(10,000)	(100.0) %
.17	Gulf Coast Ozone Study	0	0	0	0.0 %
.18	SPCC Substation Project	0	0	0	0.0 %
.19	FDEP NOx Reduction Agreement	505,192	1,021,274	(516,082)	(50.5) %
.20	Air Quality Compliance Program	19,145,434	21,813,790	(2,668,356)	(12.2) %
.21	MACT ICR	0	0	0	0.0 %
.22	Crist Water Conservation	390,903	428,542	(37,639)	(8.8) %
.23	Coal Combustion Residual	4,204,267	3,229,639	974,628	30.2 %
.24	Smith Water Conservation	165,289	190,000	(24,711)	(13.0) %
.25	Mercury Allowances	0	0	0	0.0 %
.26	Annual NOx Allowances	1,945	7,214	(5,269)	(73.0) %
.27	Seasonal NOx Allowances	5,103	7,887	(2,784)	(35.3) %
.28	SO2 Allowances	22,643	37,762	(15,119)	(40.0) %
.29	Scherer/Flint Credit - Energy	(472,723)	(513,282)	40,559	(7.9) %
.30	Scherer/Flint Credit - Demand	(8,700)	(438)	(8,262)	1,885.2 %
2	Total O & M Activities	<u>30,651,813</u>	<u>33,564,237</u>	<u>(2,912,424)</u>	(8.7) %
3	Recoverable Costs Allocated to Energy	20,454,167	23,722,034	(3,267,867)	(13.8) %
4	Recoverable Costs Allocated to Demand	10,197,646	9,842,203	355,443	3.6 %

Notes:

Column (1) is the End of Period Totals on Schedule 5E

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019

O & M Activities
(in Dollars)

Line	Description of O & M Activities	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification	
															Demand	Energy
1	Sulfur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Air Emission Fees	11,746	3,542	105,541	(2,602)	3,858	3,540	15,085	15,085	15,085	15,085	15,085	14,970	216,023	0	216,023
3	Title V	330	14,463	28,848	3,805	33,636	11,566	23,909	23,909	23,909	23,909	23,909	48,131	260,325	0	260,325
4	Asbestos Fees	0	0	1,000	707	5,639	(6,139)	0	0	0	0	0	0	1,207	1,207	0
5	Emission Monitoring	36,406	39,617	134,947	93,046	64,693	30,258	51,177	51,593	51,416	51,290	49,601	116,182	770,225	0	770,225
6	General Water Quality	114,600	234,318	123,757	87,089	133,024	20,768	208,994	225,482	228,827	230,244	204,041	155,969	1,967,116	1,967,116	0
7	Groundwater Contamination Investigation	876,056	(523,369)	179,910	342,240	35,487	288,452	169,816	190,553	165,412	190,412	190,412	165,407	2,270,787	2,270,787	0
8	State NPDES Administration	1,530	3,994	5,884	7,572	3,534	(14,638)	0	0	0	0	0	34,500	42,376	42,376	0
9	Lead & Copper Rule	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Environmental Auditing/Assessment	0	0	0	0	78	927	0	0	0	7,500	7,500	0	16,005	16,005	0
11	General Solid & Hazardous Waste	18,325	58,250	68,226	84,109	128,456	95,895	92,643	99,623	97,993	94,824	93,493	94,824	1,026,680	1,026,680	0
12	Above Ground Storage Tanks	11,350	76,414	21,109	4,123	5,412	41,712	(62,085)	5,248	7,238	5,248	2,248	3,696	121,715	121,715	0
13	Low NOx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Ash Pond Diversion Curtains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Mercury Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Sodium Injection	8,725	0	0	0	0	(8,725)	0	0	0	0	0	0	0	0	0
17	Gulf Coast Ozone Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	SPCC Substation Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	FDEP NOx Reduction Agreement	0	46,834	88,606	5,170	0	44,579	31,517	28,547	37,713	104,828	57,380	60,020	505,192	0	505,192
20	Air Quality Compliance Program	1,475,042	1,941,433	1,215,486	704,313	1,651,263	1,708,580	1,844,832	1,723,172	1,893,636	1,709,355	1,474,887	1,803,435	19,145,434	0	19,145,434
21	MACT ICR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	Crist Water Conservation	0	7,780	10,569	435	0	120	62,000	62,000	62,000	62,000	62,000	62,000	390,903	390,903	0
23	Coal Combustion Residuals	602,106	(31,715)	594,353	428,491	536,085	76,424	313,777	340,340	405,605	313,735	382,837	242,229	4,204,267	4,204,267	0
24	Smith Water Conservation	0	14,868	49,780	50,873	46,240	(41,972)	10,000	5,500	5,000	10,500	5,500	9,000	165,289	165,289	0
25	Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Annual NOx Allowances	0	0	372	0	0	0	164	164	149	394	305	398	1,945	0	1,945
27	Seasonal NOx Allowances	0	0	0	0	0	0	1,816	1,798	1,488	0	0	0	5,103	0	5,103
28	SO2 Allowances	0	0	2,204	0	0	0	4,480	4,492	3,884	2,807	2,003	2,773	22,643	0	22,643
29	Scherer/Flint Credit - Energy	(20,906)	(74,084)	(95,667)	(17,324)	(77,547)	(42,133)	(49,731)	(36,475)	(31,193)	(18,920)	(16,863)	8,120	(472,723)	0	(472,723)
30	Scherer/Flint Credit - Demand	(75)	(35)	(872)	(3,201)	488	(1,388)	(579)	(725)	(579)	(578)	(579)	(578)	(8,700)	(8,700)	0
2	Total of O & M Activities	3,135,234	1,812,311	2,534,054	1,788,847	2,570,345	2,207,825	2,717,816	2,740,306	2,967,584	2,802,653	2,553,759	2,821,076	30,651,813	10,197,646	20,454,167
3	Recoverable Costs Allocated to Energy	1,511,342	1,971,805	1,480,337	786,409	1,675,903	1,747,664	1,923,250	1,812,284	1,996,088	1,888,749	1,606,307	2,054,030	20,454,167		
4	Recoverable Costs Allocated to Demand	1,623,892	(159,494)	1,053,717	1,002,439	894,442	460,161	794,566	928,022	971,497	913,904	947,452	767,047	10,197,646		
5	Retail Energy Jurisdictional Factor	0.971248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171			
6	Retail Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277			
7	Jurisdictional Energy Recoverable Costs (A)	1,470,976	1,921,665	1,442,880	767,043	1,633,490	1,707,250	1,876,701	1,768,671	1,946,785	1,841,250	1,562,329	1,995,863	19,934,904		
8	Jurisdictional Demand Recoverable Costs (B)	1,578,143	(155,001)	1,024,031	974,198	869,244	447,197	772,182	901,878	944,127	888,157	920,761	745,437	9,910,355		
9	Total Jurisdictional Recoverable Costs for O & M Activities (Lines 7 + 8)	3,049,120	1,766,665	2,466,911	1,741,240	2,502,734	2,154,447	2,648,882	2,670,548	2,890,913	2,729,407	2,483,090	2,741,300	29,845,258		

Notes:

(A) Line 3 x Line 5 x line loss multiplier
(B) Line 4 x Line 6

Schedule 6E

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Current Period Estimated True-Up Amount

January 2019 - December 2019

Variance Report of Capital Investment Programs - Recoverable Costs
(in Dollars)

Line		(1)	(2)	(3)	(4)	
		Estimated/ <u>Actual</u>	Original <u>Projection</u>	Variance <u>Amount</u>	<u>Percent</u>	
1	Description of Investment Programs					
.1	Air Quality Assurance Testing	8,579	7,934	645	8.1	%
.2	Crist 5, 6 & 7 Precipitator Projects	3,794,499	3,783,969	10,530	0.3	%
.3	Crist 7 Flue Gas Conditioning	104,137	103,687	450	0.4	%
.4	Low NOx Burners, Crist 6 & 7	1,775,014	1,769,988	5,025	0.3	%
.5	CEMS - Plants Crist, & Daniel	541,040	550,201	(9,160)	(1.7)	%
.6	Substation Contamination Remediation	404,453	455,346	(50,893)	(11.2)	%
.7	Raw Water Well Flowmeters - Plants Crist & Smith	13,027	12,997	30	0.2	%
.8	Crist Cooling Tower Cell	36,945	36,786	160	0.4	%
.9	Crist Dechlorination System	24,061	24,024	38	0.2	%
.10	Crist Diesel Fuel Oil Remediation	3,889	3,884	5	0.1	%
.11	Crist Bulk Tanker Unload Sec Contain Struc	5,087	5,083	4	0.1	%
.12	Crist IWW Sampling System	2,962	2,960	2	0.1	%
.13	Sodium Injection System	21,647	21,603	44	0.2	%
.14	Smith Stormwater Collection System	173,979	173,796	183	0.1	%
.15	Smith Waste Water Treatment Facility	61,919	69,434	(7,516)	(10.8)	%
.16	Daniel Ash Management Project	1,290,480	1,297,351	(6,870)	(0.5)	%
.17	Smith Water Conservation	2,335,904	2,552,502	(216,598)	(8.5)	%
.18	Underground Fuel Tank Replacement	0	0	0	0.0	%
.19	Crist FDEP Agreement for Ozone Attainment	10,738,513	10,747,440	(8,927)	(0.1)	%
.20	SPCC Compliance	76,296	76,138	158	0.2	%
.21	Crist Common FTIR Monitor	4,546	4,537	9	0.2	%
.22	Precipitator Upgrades for CAM Compliance	1,141,221	1,138,727	2,494	0.2	%
.23	Plant Groundwater Contamination	0	0	0	0.0	%
.24	Crist Water Conservation	1,780,736	1,792,231	(11,495)	(0.6)	%
.25	Plant NPDES Permit Compliance Projects	795,177	560,503	234,674	41.9	%
.26	Air Quality Compliance Program	126,223,523	126,094,451	129,072	0.1	%
.27	General Water Quality	102,081	109,051	(6,970)	(6.4)	%
.28	Coal Combustion Residual	3,944,729	4,652,479	(707,750)	(15.2)	%
.29	Steam Electric Effluent Limitations Guidelines	604,453	615,793	(11,339)	(1.8)	%
.30	316(b) Cooling Water Intake Structure Regulation	31,863	56,189	(24,326)	(43.3)	%
.31	Mercury Allowances	0	0	0	0.0	%
.32	Annual NOx Allowances	445	350	96	27.3	%
.33	Seasonal NOx Allowances	4,592	428	4,164	973.5	%
.34	SO2 Allowances	438,037	434,365	3,671	0.8	%
.35	Regulatory Asset Smith Units 1 & 2	2,757,082	2,751,425	5,656	0.2	%
.36	Scherer/Flint Credit - Energy	(314,942)	(311,360)	(3,582)	(1.2)	%
.37	Scherer/Flint Credit - Demand	(3,779,299)	(3,736,320)	(42,979)	(1.2)	%
2	Total Investment Programs - Recoverable Costs	<u>155,146,676</u>	<u>155,857,972</u>	<u>(711,296)</u>	(0.5)	%
3	Recoverable Costs Allocated to Energy	11,934,360	11,989,075	(54,715)	(0.5)	%
4	Recoverable Costs Allocated to Demand	143,212,317	143,868,898	(656,581)	(0.5)	%

Notes:

Column (1) is the End of Period Totals on Schedule 7E

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019

Capital Investment Programs - Recoverable Costs
(in Dollars)

Line	Description of Investment Programs (A)	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification	
															Demand	Energy
1	Description of Investment Programs (A)															
.1	Air Quality Assurance Testing	0	0	0	0	242	484	488	1,485	1,479	1,473	1,467	1,461	8,579	7,919	660
.2	Crist 5, 6 & 7 Precipitator Projects	318,853	318,213	317,572	316,932	316,291	315,651	316,779	316,133	315,487	314,841	314,195	313,549	3,794,499	3,502,614	291,885
.3	Crist 7 Flue Gas Conditioning	8,641	8,641	8,641	8,641	8,641	8,641	8,716	8,716	8,716	8,716	8,716	8,716	104,137	96,126	8,011
.4	Low NOx Burners, Crist 6 & 7	148,946	148,680	148,414	148,148	147,881	147,615	148,226	147,958	147,691	147,425	147,158	146,893	1,775,014	1,638,474	136,540
.5	CEMS - Plants Crist & Daniel	45,430	45,343	45,257	45,170	45,084	45,004	45,177	45,090	45,002	44,915	44,828	44,740	541,040	499,422	41,618
.6	Substation Contamination Remediation	28,145	29,427	30,483	31,080	31,310	31,540	31,993	35,178	38,394	38,616	38,808	39,480	404,453	373,341	31,112
.7	Raw Water Well Flowmeters - Plants Crist & Smith	1,099	1,096	1,093	1,090	1,087	1,084	1,087	1,084	1,081	1,078	1,075	1,072	13,027	12,025	1,002
.8	Crist Cooling Tower Cell	3,065	3,065	3,065	3,065	3,065	3,065	3,092	3,092	3,092	3,092	3,092	3,092	36,945	34,103	2,842
.9	Crist Decoloration System	2,042	2,035	2,027	2,020	2,013	2,006	2,005	1,997	1,990	1,983	1,976	1,968	24,661	22,211	1,851
.10	Crist Diesel Fuel Oil Remediation	331	330	328	327	326	324	324	323	321	320	319	317	3,889	3,590	299
.11	Crist Bulk Tanker Unloading Secondary Containment	434	432	430	428	426	425	423	421	419	418	416	414	5,087	4,696	391
.12	Crist IWW Sampling System	253	252	251	249	248	247	247	245	244	243	242	241	2,962	2,734	228
.13	Sodium Injection System	1,830	1,825	1,819	1,814	1,808	1,803	1,805	1,800	1,794	1,789	1,783	1,778	21,647	19,982	1,665
.14	Smith Stormwater Collection System	14,825	14,763	14,700	14,638	14,576	14,514	14,484	14,421	14,358	14,296	14,233	14,170	173,979	160,596	13,383
.15	Smith Waste Water Treatment Facility	3,921	4,546	5,172	5,170	5,166	5,162	5,480	5,757	5,750	5,459	5,170	5,166	61,919	57,156	4,763
.16	Daniel Ash Management Project	108,519	108,304	108,088	107,873	107,657	107,442	107,226	107,010	106,794	106,578	106,362	106,146	1,290,480	1,191,212	99,268
.17	Smith Water Conservation	184,305	184,962	191,186	196,358	195,661	195,106	195,826	195,895	196,235	197,346	198,457	203,588	2,335,904	2,156,219	179,685
.18	Underground Fuel Tank Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.19	Crist FDEP Agreement for Ozone Attainment	902,730	900,983	899,728	897,600	894,979	893,554	893,355	894,001	891,647	890,230	889,252	887,454	10,738,513	9,912,474	826,039
.20	SPCC Compliance	6,448	6,429	6,410	6,392	6,373	6,354	6,332	6,343	6,324	6,306	6,287	6,268	76,296	70,427	5,869
.21	Crist Common FTIR Monitor	385	384	382	381	380	379	378	378	377	375	374	373	4,546	4,196	350
.22	Precipitator Upgrades for CAM Compliance	96,358	96,092	95,826	95,559	95,293	95,027	95,182	94,914	94,645	94,377	94,108	93,840	1,141,221	1,053,435	87,786
.23	Plant Groundwater Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.24	Crist Water Conservation	149,277	149,003	148,728	148,453	148,178	147,903	147,628	147,353	147,078	146,803	146,528	146,253	1,780,736	1,643,756	136,980
.25	Plant NPDES Permit Compliance Projects	50,625	53,778	55,961	60,022	62,516	61,795	69,401	76,216	76,012	76,216	76,012	75,808	795,177	734,009	61,167
.26	Air Quality Compliance Program	10,592,584	10,570,683	10,551,918	10,530,562	10,509,206	10,487,850	10,466,494	10,445,138	10,423,782	10,402,426	10,381,070	10,359,714	126,223,523	116,514,021	9,709,502
.27	General Water Quality	7,471	7,439	7,407	7,375	7,343	7,311	7,279	7,247	7,215	7,183	7,151	7,119	102,081	94,229	7,852
.28	Coal Combustion Residuals	150,755	171,986	222,750	265,919	288,445	321,175	347,155	372,547	404,254	437,690	465,579	496,472	3,944,729	3,641,288	303,441
.29	Steam Electric Effluent Limitations Guidelines	50,153	50,045	49,938	49,830	49,723	49,615	49,507	49,399	49,291	49,183	49,075	48,967	604,453	557,957	46,496
.30	316(B) Intake Structure Regulation	0	0	0	0	18	39	277	1,243	3,647	6,733	9,075	10,832	31,863	29,412	2,451
.31	Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.32	Annual NOx Allowances	40	40	39	38	38	38	38	37	37	35	33	31	445	411	34
.33	Seasonal NOx Allowances	47	47	47	47	47	47	42	494	946	942	942	942	4,592	4,239	353
.34	SO2 Allowances	36,389	36,389	36,383	36,376	36,370	36,363	36,679	36,629	36,629	36,609	36,595	36,581	438,037	404,341	33,695
.35	Regulatory Asset Smith Units 1 & 2	233,044	232,361	231,677	230,994	230,311	229,627	229,901	229,212	228,523	227,833	227,144	226,455	2,757,082	2,544,999	212,083
.36	Scherer/Flint Credit - Energy	(25,374)	(25,381)	(25,428)	(25,545)	(25,898)	(26,236)	(26,491)	(26,592)	(26,760)	(26,932)	(27,089)	(27,215)	(314,942)	0	(314,942)
.37	Scherer/Flint Credit - Demand	(304,492)	(304,569)	(305,138)	(306,538)	(310,779)	(314,832)	(317,888)	(321,121)	(323,121)	(323,182)	(323,071)	(323,071)	(3,779,299)	(3,779,299)	0
2	Total Investment Programs - Recoverable Costs	<u>12,817,080</u>	<u>12,817,637</u>	<u>12,855,609</u>	<u>12,891,250</u>	<u>12,890,924</u>	<u>12,891,827</u>	<u>12,862,740</u>	<u>12,977,643</u>	<u>12,991,837</u>	<u>13,005,224</u>	<u>13,015,264</u>	<u>13,029,641</u>	<u>155,146,676</u>	<u>143,212,317</u>	<u>11,934,360</u>
3	Recoverable Costs Allocated to Energy	985,929	985,972	988,893	991,635	991,610	991,679	997,134	998,280	999,372	1,000,402	1,001,174	1,002,280	11,934,360	11,934,360	
4	Recoverable Costs Allocated to Demand	11,831,150	11,831,665	11,866,716	11,899,615	11,899,315	11,900,148	11,965,606	11,979,363	11,992,465	12,004,822	12,014,090	12,027,361	143,212,317	143,212,317	
5	Retail Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	438,037	404,341	
6	Retail Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	2,757,082	2,544,999	
7	Jurisdictional Energy Recoverable Costs (B)	959,596	960,900.68	963,871	967,215	966,514	968,747	973,000	974,256	974,688	975,243	973,764	973,897	11,631,693	11,631,693	
8	Jurisdictional Demand Recoverable Costs (C)	11,497,840	11,498,340	11,532,403	11,564,376	11,564,084	11,564,894	11,628,507	11,641,876	11,654,610	11,666,618	11,675,626	11,688,523	139,177,696	139,177,696	
9	Total Jurisdictional Recoverable Costs for Investment Programs (Lines 7 + 8)	<u>12,457,436</u>	<u>12,459,241</u>	<u>12,496,274</u>	<u>12,531,591</u>	<u>12,530,598</u>	<u>12,533,640</u>	<u>12,601,507</u>	<u>12,616,132</u>	<u>12,629,298</u>	<u>12,641,862</u>	<u>12,649,390</u>	<u>12,662,420</u>	<u>150,809,389</u>	<u>150,809,389</u>	

Notes:
(A) Pages 1-30 of Schedule 4P, Line 9, Pages 31-34 of Schedule 4P, Line 6, Page 35, Line 7, Schedule 9P, Line 11 - Line 10 x 24%
(B) Line 3 x Line 5 x Line loss multiplier
(C) Line 4 x Line 6

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Air Quality Assurance Testing
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	83,954	0	0	0	0	0	0	0	83,954
b	Clearings to Plant		0	0	0	0	0	0	83,954	0	0	0	0	0	83,954
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		0	0	0	0	0	0	83,954	83,954	83,954	83,954	83,954	83,954	0
3	Less: Accumulated Depreciation (C)		0	0	0	0	0	0	0	(999)	(1,999)	(2,998)	(3,998)	(4,997)	0
4	CWIP - Non Interest Bearing		0	0	0	0	0	83,954	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	83,954	83,954	83,954	82,954	81,955	80,956	79,956	78,957	
6	Average Net Investment		0	0	0	0	41,977	83,954	83,954	83,454	82,455	81,455	80,456	79,456	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	0	0	0	0	0	194	388	391	388	384	379	374	370	2,867
b	Debt Component (Line 6 x Debt Component x 1/12)	0	0	0	0	0	48	96	97	97	96	95	93	92	714
8	Investment Expenses														
a	Depreciation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)	0	0	0	0	0	0	0	0	999	999	999	999	999	4,997
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)														
a	Recoverable Costs Allocated to Energy	0	0	0	0	0	242	484	488	1,485	1,479	1,473	1,467	1,461	8,579
b	Recoverable Costs Allocated to Demand	0	0	0	0	0	19	37	38	114	114	113	113	112	660
							223	447	450	1,370	1,365	1,360	1,354	1,349	7,919
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243		0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	18	36	37	111	111	110	110	109	643
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	217	434	438	1,332	1,327	1,321	1,316	1,311	7,696
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	235	470	474	1,443	1,437	1,432	1,426	1,420	8,339

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) PE 1244 has a 7-year amortization period. PE 1006 is fully amortized.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist 5, 6 & 7 Precipitator Projects
(in Dollars)

Line	Investments	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments															
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323
3	Less: Accumulated Depreciation (C)		2,421,657	2,310,521	2,199,386	2,088,251	1,977,116	1,865,981	1,754,846	1,643,710	1,532,575	1,421,440	1,310,305	1,199,170	1,088,035	1,088,035
4	CWIP - Non Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)		36,098,980	35,987,844	35,876,709	35,765,574	35,654,439	35,543,304	35,432,169	35,321,033	35,209,898	35,098,763	34,987,628	34,876,493	34,765,358	34,765,358
6	Average Net Investment		36,043,412	35,932,277	35,821,142	35,710,007	35,598,871	35,487,736	35,376,601	35,265,466	35,154,331	35,043,196	34,932,060	34,820,925	34,709,790	34,709,790
7	Return on Average Net Investment															
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		166,557	166,043	165,529	165,016	164,502	163,989	163,476	162,963	162,450	161,937	161,424	160,911	160,398	160,398
b	Debt Component (Line 6 x Debt Component x 1/12)		41,162	41,035	40,908	40,781	40,654	40,527	40,400	40,273	40,146	40,019	39,892	39,765	39,638	39,638
8	Investment Expenses															
a	Depreciation (E)		111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	1,333,622
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		318,853	318,213	317,572	316,932	316,291	315,651	315,011	314,371	313,731	313,091	312,451	311,811	311,171	3,794,499
a	Recoverable Costs Allocated to Energy		24,527	24,478	24,429	24,379	24,330	24,281	24,232	24,183	24,134	24,085	24,036	23,987	23,938	291,885
b	Recoverable Costs Allocated to Demand		294,326	293,735	293,144	292,553	291,961	291,370	290,779	290,188	290,597	289,606	289,015	288,424	287,833	3,502,614
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12	Retail Energy-Related Recoverable Costs (H)		23,872	23,855	23,811	23,779	23,714	23,719	23,778	23,778	23,733	23,669	23,610	23,507	23,436	284,483
13	Retail Demand-Related Recoverable Costs (I)		286,034	285,460	284,885	284,311	283,736	283,162	282,587	282,012	281,437	280,862	280,287	279,712	279,137	3,403,937
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		309,906	309,315	308,696	308,090	307,451	306,881	306,306	305,729	305,152	304,526	303,949	303,372	302,795	3,688,421

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist 7 Flue Gas Conditioning
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322
6	Average Net Investment		1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		6,928	6,928	6,928	6,928	6,928	6,928	6,975	6,975	6,975	6,975	6,975	6,975	83,419
b	Debt Component (Line 6 x Debt Component x 1/12)		1,712	1,712	1,712	1,712	1,712	1,712	1,741	1,741	1,741	1,741	1,741	1,741	20,718
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		8,641	8,641	8,641	8,641	8,641	8,641	8,716	8,716	8,716	8,716	8,716	8,716	104,137
a	Recoverable Costs Allocated to Energy		665	665	665	665	665	665	670	670	670	670	670	670	8,011
b	Recoverable Costs Allocated to Demand		7,976	7,976	7,976	7,976	7,976	7,976	8,045	8,045	8,045	8,045	8,045	8,045	96,126
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		647	648	648	648	648	649	654	654	654	654	652	651	7,807
13	Retail Demand-Related Recoverable Costs (I)		7,751	7,751	7,751	7,751	7,751	7,751	7,818	7,818	7,818	7,818	7,818	7,818	93,418
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		8,398	8,399	8,399	8,400	8,399	8,401	8,473	8,473	8,472	8,472	8,471	8,470	101,226

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Low NOx Burners, Crist 6 & 7
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	119	0	0	0	0	0	0	0	0	0	119
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	13,626,375	13,626,375	13,626,375	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	
3	Less: Accumulated Depreciation (C)	4,224,493	4,178,289	4,132,085	4,085,881	4,039,677	3,993,472	3,947,268	3,901,063	3,854,859	3,808,654	3,762,450	3,716,246	3,670,041	
4	CWIP - Non Interest Bearing	119	119	119	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
5	Net Investment (Lines 2 + 3 + 4) (A)	17,850,987	17,804,783	17,758,579	17,712,374	17,666,170	17,619,965	17,573,761	17,527,557	17,481,352	17,435,148	17,388,943	17,342,739	17,296,534	(0)
6	Average Net Investment		17,827,885	17,781,681	17,735,476	17,689,272	17,643,068	17,596,863	17,550,659	17,504,454	17,458,250	17,412,045	17,365,841	17,319,637	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		82,383	82,169	81,956	81,742	81,529	81,315	81,102	80,889	80,676	80,463	80,250	80,037	977,743
b	Debt Component (Line 6 x Debt Component x 1/12)		20,359	20,307	20,254	20,201	20,148	20,096	20,043	19,990	19,937	19,884	19,831	19,778	242,818
8	Investment Expenses														
a	Depreciation (E)		44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	533,915
b	Amortization (F)		1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	20,537
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		148,946	148,680	148,414	148,148	147,881	147,615	147,349	147,083	146,817	146,551	146,285	146,019	1,775,014
a	Recoverable Costs Allocated to Energy		11,457	11,437	11,416	11,396	11,375	11,355	11,334	11,313	11,292	11,271	11,250	11,229	136,540
b	Recoverable Costs Allocated to Demand		137,489	137,243	136,997	136,752	136,506	136,260	136,014	135,768	135,522	135,276	135,030	134,784	1,638,474
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		11,151	11,146	11,128	11,115	11,088	11,092	11,126	11,107	11,080	11,055	11,009	10,979	133,077
13	Retail Demand-Related Recoverable Costs (I)		133,615	133,377	133,138	132,899	132,660	132,421	132,182	131,943	131,704	131,465	131,226	130,987	1,592,315
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		144,767	144,523	144,265	144,014	143,748	143,514	143,308	143,096	142,884	142,673	142,462	142,251	1,725,392

Notes:

- Description and reason for "Other" adjustments to net investment for this program, if applicable.
- Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- Applicable depreciation rate or rates.
- Portions of PE 1236 have a 7-year amortization period.
- Description and reason for "Other" adjustments to investment expenses for this program.
- Line 9a x Line 10 x line loss multiplier
- Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: CEMS - Plants Crist & Daniel
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	5,740	0	0	0	0	0	0	5,740
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	4,690,600	4,690,600	4,690,600	4,690,600	4,690,600	4,690,600	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340
3	Less: Accumulated Depreciation (C)	447,258	432,247	417,236	402,224	387,213	372,201	357,182	342,157	327,131	312,105	297,079	282,053	267,027	267,027
4	CWIP - Non Interest Bearing	5,740	5,740	5,740	5,740	5,740	5,740	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	5,143,598	5,128,587	5,113,575	5,098,564	5,083,552	5,068,541	5,053,522	5,038,496	5,023,470	5,008,445	4,993,419	4,978,393	4,963,367	4,963,367
6	Average Net Investment		5,136,092	5,121,081	5,106,069	5,091,058	5,076,046	5,061,031	5,046,009	5,030,983	5,015,957	5,000,932	4,985,906	4,970,880	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		23,734	23,665	23,595	23,526	23,456	23,387	23,474	23,404	23,334	23,264	23,194	23,125	281,158
b	Debt Component (Line 6 x Debt Component x 1/12)		5,865	5,848	5,831	5,814	5,797	5,780	5,858	5,841	5,824	5,806	5,789	5,771	69,824
8	Investment Expenses														
a	Depreciation (E)		15,011	15,011	15,011	15,011	15,011	15,019	15,026	15,026	15,026	15,026	15,026	15,026	180,231
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		819	819	819	819	819	819	819	819	819	819	819	819	9,827
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		45,430	45,343	45,257	45,170	45,084	45,004	45,177	45,090	45,002	44,915	44,828	44,740	541,040
a	Recoverable Costs Allocated to Energy		3,495	3,488	3,481	3,475	3,468	3,462	3,475	3,468	3,462	3,455	3,448	3,442	41,618
b	Recoverable Costs Allocated to Demand		41,935	41,855	41,775	41,696	41,616	41,542	41,702	41,621	41,541	41,460	41,379	41,299	499,422
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		3,401	3,399	3,393	3,389	3,380	3,382	3,391	3,385	3,376	3,368	3,354	3,344	40,563
13	Retail Demand-Related Recoverable Costs (I)		40,754	40,676	40,598	40,521	40,443	40,372	40,527	40,449	40,370	40,292	40,214	40,135	485,352
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		44,155	44,075	43,992	43,910	43,823	43,754	43,918	43,834	43,747	43,660	43,568	43,479	525,915

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable.
 (B) Beginning Balances: Crist \$4,106,227; Daniel \$584,373. Ending Balances: Crist \$4,106,227; Daniel \$590,112.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PEs 1364, 1658 and 1283 are fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Substation Contamination Remediation
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		238,583	62,830	103,709	62,136	29,380	43,521	33,000	65,000	50,000	50,000	40,000	42,000	820,158
b	Clearings to Plant		0	0	0	0	0	0	0	2,264,010	0	0	0	0	2,652,559
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	155,463	56,548	(3,034)	3,433	15,578	0	0	0	0	0	0	227,988
2	Plant-in-Service/Depreciation Base (B)		2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333	2,483,333
3	Less: Accumulated Depreciation (C)		(598,002)	(604,051)	(454,638)	(404,140)	(415,840)	(406,312)	(412,362)	(421,354)	(433,291)	(445,227)	(457,163)	(469,604)	(469,604)
4	CWIP - Non Interest Bearing		1,832,401	2,070,984	2,133,814	2,237,523	2,299,659	2,372,560	2,405,560	206,549	256,549	306,549	346,549	346,549	0
5	Net Investment (Lines 2 + 3 + 4) (A)		3,950,267	4,162,510	4,316,717	4,369,769	4,396,532	4,449,581	4,476,531	4,532,538	4,570,602	4,608,666	4,636,730	4,666,289	4,666,289
6	Average Net Investment		3,834,000	4,056,388	4,239,613	4,343,243	4,383,151	4,423,056	4,463,056	4,504,535	4,551,570	4,589,634	4,622,698	4,651,510	4,651,510
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		17,717	18,745	19,591	20,070	20,255	20,439	20,762	20,955	21,174	21,351	21,505	21,639	244,202
b	Debt Component (Line 6 x Debt Component x 1/12)		4,378	4,632	4,842	4,960	5,006	5,051	5,182	5,230	5,284	5,329	5,367	5,400	60,661
8	Investment Expenses														
a	Depreciation (E)		6,050	6,050	6,050	6,050	6,050	6,050	6,050	8,993	11,936	11,936	11,936	12,441	99,590
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		28,145	29,427	30,483	31,080	31,310	31,540	31,993	35,178	38,394	38,616	38,808	39,480	404,453
a	Recoverable Costs Allocated to Energy		2,165	2,264	2,345	2,391	2,408	2,426	2,461	2,706	2,953	2,970	2,985	3,037	31,112
b	Recoverable Costs Allocated to Demand		25,980	27,163	28,138	28,689	28,901	29,114	29,532	32,472	35,441	35,645	35,823	36,443	373,341
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12	Retail Energy-Related Recoverable Costs (H)		2,107	2,206	2,285	2,332	2,347	2,370	2,401	2,641	2,880	2,896	2,903	2,951	30,321
13	Retail Demand-Related Recoverable Costs (I)		25,248	26,398	27,345	27,881	28,087	28,293	28,700	31,557	34,443	34,641	34,813	35,417	362,823
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		27,355	28,604	29,631	30,213	30,435	30,663	31,102	34,198	37,323	37,537	37,717	38,368	393,144

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PE 1007 is fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Raw Water Well Flowmeters - Plants Crist & Smith
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950
3	Less: Accumulated Depreciation (C)	(44,911)	(45,406)	(45,901)	(46,396)	(46,891)	(47,385)	(47,880)	(48,375)	(48,870)	(49,365)	(49,860)	(50,354)	(50,849)	(50,849)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	105,038	104,544	104,049	103,554	103,059	102,564	102,069	101,575	101,080	100,585	100,090	99,595	99,100	99,100
6	Average Net Investment		104,791	104,296	103,801	103,306	102,812	102,317	101,822	101,327	100,832	100,337	99,843	99,348	99,348
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	484	482	482	480	477	475	473	474	471	469	467	464	462	5,679
b	Debt Component (Line 6 x Debt Component x 1/12)	120	119	119	119	118	117	117	118	118	117	116	116	115	1,410
8	Investment Expenses														
a	Depreciation (E)	495	495	495	495	495	495	495	495	495	495	495	495	495	5,938
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)														
a	Recoverable Costs Allocated to Energy	1,099	1,096	1,096	1,093	1,090	1,087	1,084	1,087	1,084	1,081	1,078	1,075	1,072	13,027
b	Recoverable Costs Allocated to Demand	85	84	84	84	84	84	83	84	83	83	83	83	82	1,002
		1,014	1,012	1,012	1,009	1,006	1,004	1,001	1,003	1,000	998	995	993	990	12,025
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	82	82	82	82	82	82	81	82	81	81	81	80	80	977
13	Retail Demand-Related Recoverable Costs (I)	986	983	983	981	978	975	973	975	972	970	967	965	962	11,686
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	1,068	1,065	1,065	1,062	1,060	1,057	1,054	1,056	1,054	1,051	1,048	1,045	1,042	12,663

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x Line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Cooling Tower Cell
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)		531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926
4	CWIP - Non Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)		531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926
6	Average Net Investment		531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,458	2,458	2,458	2,458	2,458	2,458	2,475	2,475	2,475	2,475	2,475	2,475	29,595
b	Debt Component (Line 6 x Debt Component x 1/12)		607	607	607	607	607	607	618	618	618	618	618	618	7,350
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,065	3,065	3,065	3,065	3,065	3,065	3,092	3,092	3,092	3,092	3,092	3,092	36,945
a	Recoverable Costs Allocated to Energy		236	236	236	236	236	236	238	238	238	238	238	238	2,842
b	Recoverable Costs Allocated to Demand		2,830	2,830	2,830	2,830	2,830	2,830	2,854	2,854	2,854	2,854	2,854	2,854	34,103
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		230	230	230	230	230	230	232	232	232	232	231	231	2,770
13	Retail Demand-Related Recoverable Costs (I)		2,750	2,750	2,750	2,750	2,750	2,750	2,774	2,774	2,774	2,774	2,774	2,774	33,143
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		2,979	2,980	2,980	2,980	2,980	2,980	3,006	3,006	3,006	3,006	3,005	3,005	35,913

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Dechlorination System
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697
3	Less: Accumulated Depreciation (C)	(243,768)	(245,024)	(246,281)	(247,537)	(248,793)	(250,049)	(251,306)	(252,562)	(253,818)	(255,075)	(256,331)	(257,587)	(258,844)	(258,844)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	136,929	135,673	134,416	133,160	131,904	130,648	129,391	128,135	126,879	125,622	124,366	123,110	121,853	121,853
6	Average Net Investment		136,301	135,045	133,788	132,532	131,276	130,019	128,763	127,507	126,251	124,994	123,738	122,482	122,482
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		630	624	618	612	607	601	599	593	587	581	576	570	7,198
b	Debt Component (Line 6 x Debt Component x 1/12)		156	154	153	151	150	148	149	148	147	145	144	142	1,787
8	Investment Expenses														
a	Depreciation (E)		1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	15,076
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		2,042	2,035	2,027	2,020	2,013	2,006	2,005	1,997	1,990	1,983	1,976	1,968	24,061
a	Recoverable Costs Allocated to Energy		157	157	156	155	155	154	154	154	153	153	152	151	1,851
b	Recoverable Costs Allocated to Demand		1,885	1,878	1,871	1,865	1,858	1,851	1,851	1,844	1,837	1,830	1,824	1,817	22,211
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12	Retail Energy-Related Recoverable Costs (H)		153	153	152	152	151	151	150	150	149	149	148	147	1,804
13	Retail Demand-Related Recoverable Costs (I)		1,832	1,825	1,819	1,812	1,806	1,799	1,798	1,792	1,785	1,779	1,772	1,766	21,585
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,985	1,978	1,971	1,964	1,957	1,950	1,949	1,942	1,935	1,927	1,920	1,913	23,389

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Diesel Fuel Oil Remediation
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923
3	Less: Accumulated Depreciation (C)	(50,860)	(51,088)	(51,315)	(51,542)	(51,770)	(51,997)	(52,225)	(52,452)	(52,680)	(52,907)	(53,135)	(53,362)	(53,590)	(53,590)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	18,063	17,835	17,608	17,381	17,153	16,926	16,698	16,471	16,243	16,016	15,788	15,561	15,334	15,334
6	Average Net Investment		17,949	17,722	17,494	17,267	17,039	16,812	16,584	16,357	16,130	15,902	15,675	15,447	15,447
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		83	82	81	80	79	78	77	76	75	74	73	72	72
b	Debt Component (Line 6 x Debt Component x 1/12)		20	20	20	20	19	19	19	19	19	18	18	18	18
8	Investment Expenses														
a	Depreciation (E)		227	227	227	227	227	227	227	227	227	227	227	227	2,729
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		331	330	328	327	326	324	324	323	321	320	319	317	3,889
a	Recoverable Costs Allocated to Energy		25	25	25	25	25	25	25	25	25	25	25	24	299
b	Recoverable Costs Allocated to Demand		305	304	303	302	301	299	299	298	297	295	294	293	3,590
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12	Retail Energy-Related Recoverable Costs (H)		25	25	25	25	24	24	24	24	24	24	24	24	292
13	Retail Demand-Related Recoverable Costs (I)		297	296	294	293	292	291	291	289	288	287	286	285	3,489
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		322	320	319	318	317	315	315	314	312	311	310	308	3,780

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Bulk Tanker Unloading Secondary Containment
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	0
3	Less: Accumulated Depreciation (C)		(84,109)	(84,443)	(84,778)	(85,113)	(85,448)	(86,118)	(86,453)	(86,788)	(87,123)	(87,458)	(87,793)	(88,128)	0
4	CWIP - Non Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	17,387	17,052	16,717	16,382	16,047	15,712	15,377	15,042	14,707	14,372	14,037	13,702	13,367	
6	Average Net Investment		17,219	16,884	16,549	16,214	15,879	15,544	15,209	14,875	14,540	14,205	13,870	13,535	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	80	78	78	76	75	73	72	71	69	68	66	65	63	855
b	Debt Component (Line 6 x Debt Component x 1/12)	20	19	19	19	19	18	18	18	17	17	16	16	16	212
8	Investment Expenses														
a	Depreciation (E)	335	335	335	335	335	335	335	335	335	335	335	335	335	4,019
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	434	432	432	430	428	426	425	423	421	419	418	416	414	5,087
a	Recoverable Costs Allocated to Energy	33	33	33	33	33	33	33	33	32	32	32	32	32	391
b	Recoverable Costs Allocated to Demand	401	399	399	397	395	394	392	391	389	387	385	384	382	4,696
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	33	32	32	32	32	32	32	32	32	31	31	31	31	381
13	Retail Demand-Related Recoverable Costs (I)	389	388	388	386	384	383	381	380	378	376	375	373	371	4,563
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	422	420	420	418	416	415	413	412	410	408	406	404	402	4,945

Notes:

- Description and reason for "Other" adjustments to net investment for this program, if applicable.
- Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- Applicable depreciation rate or rates.
- Applicable amortization period.
- Description and reason for "Other" adjustments to investment expenses for this program.
- Line 9a x Line 10 x line loss multiplier
- Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist IWW Sampling System
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543
3	Less: Accumulated Depreciation (C)		(49,661)	(50,054)	(50,251)	(50,447)	(50,644)	(50,840)	(51,037)	(51,233)	(51,430)	(51,626)	(51,823)	(52,019)	(52,019)
4	CWIP - Non Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)		9,882	9,489	9,292	9,096	8,899	8,703	8,506	8,310	8,113	7,917	7,720	7,524	7,524
6	Average Net Investment		9,783	9,587	9,390	9,194	8,997	8,801	8,604	8,408	8,211	8,015	7,818	7,622	7,622
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		45	44	43	42	42	41	40	39	38	37	36	35	484
b	Debt Component (Line 6 x Debt Component x 1/12)		11	11	11	10	10	10	10	10	10	9	9	9	120
8	Investment Expenses														
a	Depreciation (E)		196	196	196	196	196	196	196	196	196	196	196	196	2,358
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		253	252	251	249	248	247	247	245	244	243	242	241	2,962
a	Recoverable Costs Allocated to Energy		19	19	19	19	19	19	19	19	19	19	19	19	228
b	Recoverable Costs Allocated to Demand		233	232	231	230	229	228	228	226	225	224	223	222	2,734
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12	Retail Energy-Related Recoverable Costs (H)		19	19	19	19	19	19	19	18	18	18	18	18	222
13	Retail Demand-Related Recoverable Costs (I)		227	226	225	224	223	222	221	220	219	218	217	216	2,657
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		246	245	244	243	241	240	240	239	237	236	235	234	2,879

Notes:

- Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- Applicable depreciation rate or rates.
- Applicable amortization period.
- Description and reason for "Other" adjustments to investment expenses for this program.
- Line 9a x Line 10 x line loss multiplier
- Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Sodium Injection System
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622
3	Less: Accumulated Depreciation (C)	(129,581)	(130,520)	(131,459)	(132,398)	(133,338)	(134,277)	(135,216)	(136,155)	(137,095)	(138,034)	(138,973)	(139,912)	(140,852)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	155,041	154,102	153,163	152,223	151,284	150,345	149,406	148,466	147,527	146,588	145,649	144,709	143,770	
6	Average Net Investment		154,572	153,632	152,693	151,754	150,815	149,875	148,936	147,997	147,058	146,118	145,179	144,240	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	714	710	710	706	701	697	693	693	688	684	680	675	671	8,312
b	Debt Component (Line 6 x Debt Component x 1/12)	177	175	175	174	173	172	171	173	172	171	170	169	167	2,064
8	Investment Expenses														
a	Depreciation (E)	939	939	939	939	939	939	939	939	939	939	939	939	939	11,271
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,830	1,825	1,819	1,814	1,808	1,803	1,805	1,800	1,794	1,789	1,783	1,778	21,647
a	Recoverable Costs Allocated to Energy	141	140	140	140	140	139	139	139	138	138	138	137	137	1,665
b	Recoverable Costs Allocated to Demand	1,689	1,684	1,684	1,679	1,674	1,669	1,664	1,666	1,661	1,656	1,651	1,646	1,641	19,982
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	137	137	137	136	136	136	135	135	135	135	134	133	133	1,623
13	Retail Demand-Related Recoverable Costs (I)	1,642	1,637	1,637	1,632	1,627	1,622	1,617	1,619	1,614	1,609	1,605	1,600	1,595	19,419
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	1,779	1,774	1,774	1,768	1,763	1,758	1,753	1,755	1,749	1,744	1,739	1,733	1,728	21,042

Notes:

- Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- Applicable depreciation rate or rates.
- Applicable amortization period.
- Description and reason for "Other" adjustments to investment expenses for this program.
- Line 9a x Line 10 x line loss multiplier
- Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Stormwater Collection System
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379
3	Less: Accumulated Depreciation (C)	(2,057,330)	(2,068,111)	(2,078,892)	(2,089,673)	(2,100,454)	(2,111,236)	(2,122,017)	(2,132,798)	(2,143,579)	(2,154,360)	(2,165,141)	(2,175,922)	(2,186,703)	(2,186,703)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	707,049	696,267	685,486	674,705	663,924	653,143	642,362	631,581	620,800	610,019	599,238	588,457	577,676	577,676
6	Average Net Investment		701,658	690,877	680,096	669,315	658,534	647,753	636,972	626,190	615,409	604,628	593,847	583,066	583,066
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		3,242	3,193	3,143	3,093	3,043	2,993	2,963	2,913	2,863	2,813	2,763	2,712	35,734
b	Debt Component (Line 6 x Debt Component x 1/12)		801	789	777	764	752	740	740	727	714	702	689	677	8,872
8	Investment Expenses														
a	Depreciation (E)	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	129,373
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		14,825	14,763	14,700	14,638	14,576	14,514	14,484	14,421	14,358	14,296	14,233	14,170	173,979
a	Recoverable Costs Allocated to Energy		1,140	1,136	1,131	1,126	1,121	1,116	1,114	1,109	1,104	1,100	1,095	1,090	13,383
b	Recoverable Costs Allocated to Demand		13,684	13,627	13,570	13,512	13,455	13,398	13,370	13,312	13,254	13,196	13,138	13,080	160,596
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12	Retail Energy-Related Recoverable Costs (H)		1,110	1,107	1,102	1,098	1,093	1,091	1,087	1,083	1,077	1,072	1,065	1,059	13,044
13	Retail Demand-Related Recoverable Costs (I)		13,299	13,243	13,187	13,132	13,076	13,020	12,993	12,937	12,881	12,824	12,768	12,712	156,072
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		14,409	14,350	14,290	14,230	14,169	14,111	14,080	14,019	13,958	13,896	13,833	13,771	169,115

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Water Treatment Facility
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	145,493	281	0	0	0	0	0	0	0	0	0	145,774
b	Clearings to Plant		0	0	0	0	0	0	145,774	0	0	0	0	0	145,774
c	Retirements		0	0	0	0	0	0	0	0	0	145,774	0	0	145,774
d	Other		0	72,746	141	0	0	0	0	0	0	0	0	0	72,887
2	Plant-in-Service/Depreciation Base (B)	178,962	178,962	178,962	178,962	178,962	178,962	178,962	324,736	324,736	324,736	178,962	178,962	178,962	178,962
3	Less: Accumulated Depreciation (C)	39,908	39,210	111,258	110,701	110,003	109,305	108,607	107,625	106,358	105,092	249,884	249,186	248,488	248,488
4	CWIP - Non Interest Bearing	340,829	340,829	486,322	486,603	486,603	486,603	486,603	340,829	340,829	340,829	340,829	340,829	340,829	340,829
5	Net Investment (Lines 2 + 3 + 4) (A)	559,699	559,001	776,542	776,266	775,568	774,870	774,172	773,190	771,923	770,657	769,675	768,977	768,279	768,279
6	Average Net Investment		559,350	667,771	776,404	775,917	775,219	774,521	773,681	772,557	771,290	770,166	769,326	768,628	768,628
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,585	3,086	3,588	3,586	3,582	3,579	3,599	3,594	3,588	3,583	3,579	3,576	41,524
b	Debt Component (Line 6 x Debt Component x 1/12)		639	763	887	886	885	885	898	897	895	894	893	892	10,314
8	Investment Expenses														
a	Depreciation (E)		698	698	698	698	698	698	982	1,266	1,266	982	698	698	10,081
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,921	4,546	5,172	5,170	5,166	5,162	5,480	5,757	5,750	5,459	5,170	5,166	61,919
a	Recoverable Costs Allocated to Energy		302	350	398	398	397	397	422	443	442	420	398	397	4,763
b	Recoverable Costs Allocated to Demand		3,620	4,197	4,774	4,772	4,768	4,764	5,058	5,314	5,308	5,039	4,772	4,769	57,156
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		294	341	388	388	387	388	411	432	431	409	387	386	4,642
13	Retail Demand-Related Recoverable Costs (I)		3,518	4,078	4,640	4,637	4,634	4,630	4,916	5,165	5,158	4,897	4,638	4,634	55,546
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		3,811	4,419	5,028	5,025	5,021	5,018	5,327	5,597	5,590	5,307	5,025	5,020	60,188

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
(B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
(D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
(E) Applicable depreciation rate or rates.
(F) Applicable amortization period.
(G) Description and reason for "Other" adjustments to investment expenses for this program.
(H) Line 9a x Line 10 x line loss multiplier
(I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Daniel Ash Management Program
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124
3	Less: Accumulated Depreciation (C)	(6,384,689)	(6,422,064)	(6,459,439)	(6,496,815)	(6,534,190)	(6,571,565)	(6,608,941)	(6,646,316)	(6,683,691)	(6,721,066)	(6,758,442)	(6,795,817)	(6,833,192)	(6,833,192)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	8,565,435	8,528,060	8,490,685	8,453,309	8,415,934	8,378,559	8,341,183	8,303,808	8,266,433	8,229,058	8,191,682	8,154,307	8,116,932	8,116,932
6	Average Net Investment		8,546,748	8,509,372	8,471,997	8,434,622	8,397,246	8,359,871	8,322,496	8,285,120	8,247,745	8,210,370	8,172,995	8,135,619	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		39,495	39,322	39,149	38,976	38,804	38,631	38,716	38,542	38,369	38,195	38,021	37,847	464,066
b	Debt Component (Line 6 x Debt Component x 1/12)		9,760	9,718	9,675	9,632	9,590	9,547	9,662	9,619	9,576	9,532	9,489	9,445	115,246
8	Investment Expenses														
a	Depreciation (E)		37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	448,504
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	262,665
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		108,519	108,304	108,088	107,873	107,657	107,442	107,643	107,425	107,208	106,991	106,774	106,556	1,290,480
a	Recoverable Costs Allocated to Energy		8,348	8,331	8,314	8,298	8,281	8,265	8,280	8,263	8,247	8,230	8,213	8,197	99,268
b	Recoverable Costs Allocated to Demand		100,171	99,973	99,774	99,575	99,376	99,177	99,363	99,162	98,961	98,761	98,560	98,360	1,191,212
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		8,125	8,119	8,104	8,094	8,072	8,074	8,080	8,065	8,043	8,023	7,988	7,965	96,751
13	Retail Demand-Related Recoverable Costs (I)		97,349	97,156	96,963	96,770	96,576	96,383	96,563	96,368	96,173	95,979	95,784	95,589	1,157,653
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		105,474	105,275	105,067	104,863	104,648	104,457	104,643	104,433	104,217	104,002	103,772	103,553	1,254,404

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Current Period Estimated True-up Amount

January 2019 - December 2019

Return on Capital Investments, Depreciation and Taxes

For Program: Smith Water Conservation

(in Dollars)

Line	Investments	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments															
a	Expenditures/Additions		42,030	247,607	18,635,339	20,993,174	21,054,478	21,021,569	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	2,915,264
b	Clearings to Plant		0	122,776	0	2,357,835	61,304	(32,908)	18,163	0	0	0	0	0	0	2,577,170
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		18,512,562	18,512,562	18,635,339	20,993,174	21,054,478	21,021,569	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	2,915,264
3	Less: Accumulated Depreciation (C)		(1,514,451)	(1,586,650)	(1,659,088)	(1,736,364)	(1,818,357)	(1,900,405)	(1,982,425)	(2,064,480)	(2,146,535)	(2,228,590)	(2,310,644)	(2,392,699)	(2,474,754)	2,915,264
4	CWIP - Non Interest Bearing		2,469,687	2,511,717	2,636,548	662,175	534,290	536,891	530,348	580,718	718,329	861,574	1,264,875	1,744,470	2,857,733	2,915,264
5	Net Investment (Lines 2 + 3 + 4) (A)		19,467,799	19,437,629	19,612,798	19,918,984	19,770,410	19,658,055	19,587,656	19,555,971	19,611,527	19,672,717	19,993,963	20,391,503	21,422,711	21,422,711
6	Average Net Investment		19,452,714	19,525,214	19,765,891	19,844,697	19,714,232	19,622,855	19,571,813	19,583,749	19,642,122	19,833,340	20,192,733	20,907,107	21,422,711	21,422,711
7	Return on Average Net Investment															
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		89,891	90,226	91,338	91,702	91,099	90,677	91,048	91,104	91,375	92,265	93,937	97,260	101,922	1,101,922
b	Debt Component (Line 6 x Debt Component x 1/12)		22,215	22,298	22,573	22,663	22,514	22,409	22,723	22,737	22,805	23,027	23,444	24,273	24,273	273,679
8	Investment Expenses															
a	Depreciation (E)		72,199	72,438	77,276	81,993	82,048	82,020	82,055	82,055	82,055	82,055	82,055	82,055	82,055	960,303
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		184,305	184,962	191,186	196,358	195,661	195,106	195,826	195,826	195,826	196,235	197,346	199,435	203,588	2,335,904
a	Recoverable Costs Allocated to Energy		14,177	14,228	14,707	15,104	15,051	15,008	15,069	15,069	15,069	15,095	15,180	15,341	15,661	179,685
b	Recoverable Costs Allocated to Demand		170,128	170,734	176,480	181,253	180,611	180,098	180,762	180,762	180,826	181,140	182,166	184,094	187,927	2,156,219
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9718277	0.9714563	0.9705171	0.9705171
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12	Retail Energy-Related Recoverable Costs (H)		13,799	13,866	14,335	14,732	14,670	14,661	14,699	14,706	14,722	14,722	14,799	14,921	15,217	175,127
13	Retail Demand-Related Recoverable Costs (I)		165,335	165,924	171,508	176,147	175,522	175,024	175,670	175,732	176,037	177,034	178,908	182,633	187,927	2,095,474
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		179,133	179,790	185,842	190,880	190,192	189,685	190,369	190,438	190,458	190,759	191,832	193,829	197,850	2,270,601

Notes:

- Description and reason for "Other" adjustments to net investment for this program, if applicable.
- Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- Applicable depreciation rate or rates.
- Applicable amortization period.
- Description and reason for "Other" adjustments to investment expenses for this program.
- Line 9a x Line 10 x line loss multiplier
- Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Underground Fuel Tank Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Average Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)														
a	Recoverable Costs Allocated to Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PE 4397 fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist FDEP Agreement for Ozone Attainment
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	169,319	122,467	(119,837)	0	197,006	0	0	0	322,368	151,110	40,296	882,730
b	Clearings to Plant		0	0	159	41,397	0	0	0	0	0	0	0	0	41,556
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	34,145	48,055	(3,359)	0	118,204	0	0	0	0	0	0	197,044
2	Plant-in-Service/Depreciation Base (B)	120,470,679	120,470,679	120,470,679	120,470,837	120,512,234	120,512,234	120,512,234	120,512,234	120,512,234	120,512,234	120,512,234	120,512,234	120,512,234	
3	Less: Accumulated Depreciation (C)	(33,871,915)	(34,276,736)	(34,647,413)	(35,004,180)	(35,412,430)	(35,817,389)	(36,104,144)	(36,509,102)	(36,914,061)	(37,319,020)	(37,723,979)	(38,128,938)	(38,533,897)	
4	CWIP - Non Interest Bearing	1,007	1,007	170,326	292,634	131,401	131,401	328,407	328,407	328,407	328,407	650,775	801,885	842,181	
5	Net Investment (Lines 2 + 3 + 4) (A)	86,599,771	86,194,949	85,993,592	85,759,292	85,231,205	84,826,246	84,736,498	84,331,539	83,926,580	83,521,621	83,439,030	83,185,182	82,820,519	
6	Average Net Investment		86,397,360	86,094,271	85,876,442	85,495,248	85,028,726	84,781,372	84,534,018	84,129,059	83,724,101	83,480,326	83,312,106	83,002,850	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	399,242	397,842	397,842	396,835	395,074	392,918	391,775	393,252	391,368	389,485	388,350	387,568	386,129	4,709,838
b	Debt Component (Line 6 x Debt Component x 1/12)	98,666	98,320	98,320	98,071	97,636	97,103	96,820	98,144	97,674	97,204	96,921	96,725	96,366	1,169,649
8	Investment Expenses														
a	Depreciation (E)		394,766	394,766	394,766	394,835	394,903	394,903	394,903	394,903	394,903	394,903	394,903	394,903	4,738,355
b	Amortization (F)		10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	120,672
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		902,730	900,983	899,728	897,600	894,979	893,554	896,355	894,001	891,647	890,230	889,252	887,454	10,738,513
a	Recoverable Costs Allocated to Energy		69,441	69,306	69,210	69,046	68,845	68,735	68,950	68,769	68,588	68,479	68,404	68,266	826,039
b	Recoverable Costs Allocated to Demand		833,289	831,677	830,518	828,554	826,135	824,819	827,405	825,232	823,059	821,751	820,848	819,189	9,912,474
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		67,586	67,544	67,459	67,346	67,102	67,145	67,282	67,114	66,894	66,757	66,531	66,333	805,093
13	Retail Demand-Related Recoverable Costs (I)		809,813	808,246	807,120	805,211	802,861	801,582	804,095	801,983	799,871	798,600	797,723	796,110	9,633,216
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		877,399	875,790	874,579	872,557	869,963	868,727	871,376	869,097	866,765	865,357	864,254	862,443	10,438,310

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Portions of PEs 1158, 1167 and 1199 have a 7-year amortization period. PE 1287 is fully amortized.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: SPCC Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925
3	Less: Accumulated Depreciation (C)	(391,513)	(394,763)	(398,014)	(401,264)	(404,515)	(407,766)	(411,016)	(414,267)	(417,518)	(420,768)	(424,019)	(427,269)	(430,520)	(430,520)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	556,412	553,162	549,911	546,660	543,410	540,159	536,909	533,658	530,407	527,157	523,906	520,655	517,405	517,405
6	Average Net Investment		554,787	551,536	548,286	545,035	541,784	538,534	535,283	532,033	528,782	525,531	522,281	519,030	519,030
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,564	2,549	2,534	2,519	2,504	2,489	2,490	2,475	2,460	2,445	2,430	2,415	29,871
b	Debt Component (Line 6 x Debt Component x 1/12)		634	630	626	622	619	615	621	618	614	610	606	603	7,418
8	Investment Expenses														
a	Depreciation (E)		3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,123
b	Amortization (F)		157	157	157	157	157	157	157	157	157	157	157	157	1,885
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		6,448	6,429	6,410	6,392	6,373	6,354	6,362	6,343	6,324	6,306	6,287	6,268	76,296
a	Recoverable Costs Allocated to Energy		496	495	493	492	490	489	489	488	486	485	484	482	5,869
b	Recoverable Costs Allocated to Demand		5,952	5,935	5,917	5,900	5,883	5,865	5,873	5,855	5,838	5,821	5,803	5,786	70,427
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		483	482	481	480	478	477	478	476	474	473	470	468	5,720
13	Retail Demand-Related Recoverable Costs (I)		5,784	5,767	5,751	5,734	5,717	5,700	5,707	5,690	5,673	5,657	5,640	5,623	68,443
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		6,267	6,249	6,231	6,213	6,195	6,178	6,185	6,167	6,148	6,129	6,110	6,091	74,163

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Beginning and Ending Balances: Crst \$919,836; Smith \$14,895.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) PE 4418 has a 7-year amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Common FTIR Monitor
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	0
3	Less: Accumulated Depreciation (C)	(32,014)	(32,222)	(32,429)	(32,637)	(32,844)	(33,052)	(33,259)	(33,467)	(33,674)	(33,882)	(34,089)	(34,297)	(34,504)	0
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	30,856	30,648	30,441	30,234	30,026	29,819	29,611	29,404	29,196	28,989	28,781	28,574	28,366	
6	Average Net Investment		30,752	30,545	30,337	30,130	29,922	29,715	29,507	29,300	29,092	28,885	28,678	28,470	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	142	141	141	140	139	138	137	137	136	135	134	133	132	1,647
b	Debt Component (Line 6 x Debt Component x 1/12)	35	35	35	35	34	34	34	34	34	34	34	33	33	409
8	Investment Expenses														
a	Depreciation (E)	207	207	207	207	207	207	207	207	207	207	207	207	207	2,490
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	385	384	384	382	381	380	379	379	378	377	375	374	373	4,546
a	Recoverable Costs Allocated to Energy	30	30	30	29	29	29	29	29	29	29	29	29	29	350
b	Recoverable Costs Allocated to Demand	355	354	354	353	352	351	350	350	349	348	347	345	344	4,196
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)	29	29	29	29	29	28	28	28	28	28	28	28	28	341
13	Retail Demand-Related Recoverable Costs (I)	345	344	344	343	342	341	340	340	339	338	337	336	335	4,078
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	374	373	373	372	370	369	368	368	367	366	365	364	362	4,419

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Precipitator Upgrades for CAM Compliance
(in Dollars)

Line	Investments	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
	b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2		Plant-in-Service/Depreciation Base (B)	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696
3		Less: Accumulated Depreciation (C)	(5,269,811)	(5,316,003)	(5,362,196)	(5,408,388)	(5,454,581)	(5,500,773)	(5,546,965)	(5,593,158)	(5,639,350)	(5,685,543)	(5,731,735)	(5,777,927)	(5,824,120)	(5,824,120)
4		CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5		Net Investment (Lines 2 + 3 + 4) (A)	8,727,885	8,681,692	8,635,500	8,589,308	8,543,115	8,496,923	8,450,730	8,404,538	8,358,346	8,312,153	8,265,961	8,219,768	8,173,576	8,173,576
6		Average Net Investment		8,704,789	8,658,596	8,612,404	8,566,211	8,520,019	8,473,827	8,427,634	8,381,442	8,335,249	8,289,057	8,242,865	8,196,672	8,196,672
7		Return on Average Net Investment														
	a	Equity Component (Line 6 x Equity Component x 1/12) (D)		40,225	40,011	39,798	39,584	39,371	39,158	39,205	38,990	38,776	38,561	38,346	38,131	470,156
	b	Debt Component (Line 6 x Debt Component x 1/12)		9,941	9,888	9,835	9,783	9,730	9,677	9,784	9,731	9,677	9,624	9,570	9,516	116,756
8		Investment Expenses														
	a	Depreciation (E)		46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	554,309
	b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9		Total System Recoverable Expenses (Lines 7 + 8)		96,358	96,092	95,826	95,559	95,293	95,027	95,182	94,914	94,645	94,377	94,108	93,840	1,141,221
	a	Recoverable Costs Allocated to Energy		7,412	7,392	7,371	7,351	7,330	7,310	7,322	7,301	7,280	7,260	7,239	7,218	87,786
	b	Recoverable Costs Allocated to Demand		88,946	88,700	88,454	88,209	87,963	87,717	87,861	87,613	87,365	87,117	86,869	86,621	1,053,435
10		Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9743116	0.9736832	0.9714563	0.9705171	0.9705171
11		Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
12		Retail Energy-Related Recoverable Costs (H)		7,214	7,204	7,185	7,170	7,145	7,141	7,145	7,125	7,101	7,077	7,041	7,014	85,560
13		Retail Demand-Related Recoverable Costs (I)		86,440	86,201	85,963	85,724	85,485	85,246	85,385	85,144	84,904	84,663	84,422	84,181	1,023,757
14		Total Jurisdictional Recoverable Costs (Lines 12 + 13)		93,654	93,405	93,147	92,893	92,630	92,387	92,530	92,270	92,004	91,740	91,463	91,195	1,109,318

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Plant Groundwater Investigation
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Average Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Water Conservation Program
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	35,775	99,713	19,086	105	0	0	0	0	0	0	0	154,678
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	45,745	(20,447)	63	0	0	0	0	0	0	0	25,361
2	Plant-in-Service/Depreciation Base (B)	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127	19,846,127
3	Less: Accumulated Depreciation (C)	(5,718,990)	(5,718,990)	(5,784,482)	(5,804,230)	(5,890,169)	(5,955,598)	(6,021,091)	(6,086,583)	(6,152,075)	(6,217,567)	(6,283,059)	(6,348,552)	(6,414,044)	(6,414,044)
4	CWIP - Non Interest Bearing	378,586	378,586	414,360	514,073	533,159	533,264	533,264	533,264	533,264	533,264	533,264	533,264	533,264	533,264
5	Net Investment (Lines 2 + 3 + 4) (A)	14,571,215	14,505,722	14,476,005	14,555,970	14,489,117	14,423,793	14,358,300	14,292,808	14,227,316	14,161,824	14,096,331	14,030,839	13,965,347	13,965,347
6	Average Net Investment		14,538,469	14,490,864	14,515,987	14,522,543	14,456,455	14,391,046	14,325,554	14,260,062	14,194,570	14,129,078	14,063,585	13,998,093	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		67,182	66,962	67,078	67,109	66,803	66,501	66,642	66,338	66,033	65,728	65,424	65,119	796,921
b	Debt Component (Line 6 x Debt Component x 1/12)		16,603	16,549	16,577	16,585	16,509	16,435	16,632	16,556	16,480	16,404	16,328	16,252	197,909
8	Investment Expenses														
a	Depreciation (E)		65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	65,492	785,907
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		149,277	149,003	149,148	149,186	148,805	148,428	148,767	148,386	148,005	147,625	147,244	146,863	1,780,736
a	Recoverable Costs Allocated to Energy		11,483	11,462	11,473	11,476	11,447	11,418	11,444	11,414	11,385	11,356	11,326	11,297	136,980
b	Recoverable Costs Allocated to Demand		137,795	137,541	137,675	137,710	137,358	137,010	137,323	136,972	136,620	136,269	135,917	135,566	1,643,756
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		11,176	11,170	11,183	11,193	11,157	11,153	11,167	11,140	11,104	11,070	11,016	10,977	133,506
13	Retail Demand-Related Recoverable Costs (I)		133,913	133,666	133,796	133,830	133,489	133,150	133,454	133,113	132,771	132,430	132,088	131,747	1,597,448
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		145,089	144,837	144,979	145,023	144,645	144,304	144,621	144,252	143,875	143,500	143,105	142,724	1,730,954

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x Line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Plant NIPDES Permit Compliance Programs
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		677,075	457,510	340,738	1,109,148	(202,826)	(6,713)	0	0	0	0	0	0	2,374,932
b	Clearings to Plant		0	0	0	0	0	0	3,797,573	0	0	0	0	0	3,797,573
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	6,153,140	9,950,713	9,950,713	9,950,713	9,950,713	9,950,713	9,950,713	9,950,713
3	Less: Accumulated Depreciation (C)	(2,643,033)	(2,663,339)	(2,683,644)	(2,703,950)	(2,724,255)	(2,744,560)	(2,764,866)	(2,792,576)	(2,827,692)	(2,862,808)	(2,897,924)	(2,933,040)	(2,968,156)	
4	CWIP - Non Interest Bearing	1,422,641	2,099,716	2,557,226	2,897,964	4,007,111	3,804,286	3,797,573	0.00	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	4,932,748	5,589,518	6,026,722	6,347,154	7,435,997	7,212,866	7,185,848	7,158,137	7,123,021	7,087,905	7,052,789	7,017,673	6,982,557	
6	Average Net Investment		5,261,133	5,808,120	6,186,938	6,891,575	7,324,431	7,199,357	7,171,992	7,140,579	7,105,463	7,070,347	7,035,231	7,000,115	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		24,312	26,839	28,590	31,846	33,846	33,268	33,364	33,218	33,055	32,891	32,728	32,565	376,522
b	Debt Component (Line 6 x Debt Component x 1/12)		6,008	6,633	7,065	7,870	8,365	8,222	8,327	8,290	8,249	8,209	8,168	8,127	93,533
8	Investment Expenses														
a	Depreciation (E)		20,305	20,305	20,305	20,305	20,305	20,305	27,711	35,116	35,116	35,116	35,116	35,116	325,122
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		50,625	53,778	55,961	60,022	62,516	61,795	69,401	76,624	76,420	76,216	76,012	75,808	795,177
a	Recoverable Costs Allocated to Energy		3,894	4,137	4,305	4,617	4,809	4,753	5,339	5,894	5,878	5,863	5,847	5,831	61,167
b	Recoverable Costs Allocated to Demand		46,731	49,641	51,656	55,404	57,707	57,042	64,063	70,730	70,542	70,353	70,165	69,976	734,009
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		3,790	4,032	4,196	4,503	4,687	4,644	5,209	5,752	5,733	5,715	5,687	5,666	59,615
13	Retail Demand-Related Recoverable Costs (I)		45,414	48,242	50,201	53,844	56,081	55,435	62,258	68,737	68,554	68,371	68,188	68,005	713,331
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		49,205	52,274	54,396	58,347	60,769	60,078	67,467	74,490	74,287	74,086	73,875	73,671	772,946

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Current Period Estimated True-up Amount

January 2019 - December 2019

Return on Capital Investments, Depreciation and Taxes

For Program: Air Quality Compliance Program

(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		30,461	77,972	1,117,284	60,670	(262,147)	18,953	570,951	1,049,275	462,454	734,040	231,457	525,622	4,616,992
b	Clearings to Plant		(1,600)	22,198	20,090	4,644,661	(21,569)	392,464	0	489,507	0	923,802	0	0	6,469,553
c	Retirements		0	0	47,724	105,244	0	0	0	0	0	0	0	0	152,968
d	Other		0	13,810	19,737	18,935	(1,639)	28,041	0	0	0	0	0	0	78,884
2	Plant-in-Service/Depreciation Base (B)	1,340,517,152	1,340,515,552	1,340,537,750	1,340,510,116	1,345,049,533	1,345,027,964	1,345,420,428	1,345,420,428	1,345,909,935	1,345,909,935	1,346,833,737	1,346,833,737	1,346,833,737	
3	Less: Accumulated Depreciation (C)	(273,951,952)	(277,818,634)	(281,671,557)	(285,470,767)	(289,220,722)	(293,104,218)	(296,958,410)	(300,841,039)	(304,723,668)	(308,607,521)	(312,492,205)	(316,377,721)	(320,263,237)	
4	CWIP - Non Interest Bearing	4,804,422	4,836,483	4,892,257	5,989,451	1,405,459	1,164,882	791,371	1,362,322	1,922,090	2,384,544	2,194,782	2,426,239	2,951,861	
5	Net Investment (Lines 2 + 3 + 4) (A)	1,071,369,622	1,067,533,401	1,063,758,470	1,061,028,800	1,057,234,271	1,053,088,628	1,049,253,389	1,045,941,711	1,043,108,356	1,039,686,957	1,036,536,313	1,032,882,255	1,029,522,361	
6	Average Net Investment		1,069,451,511	1,065,645,935	1,062,393,635	1,059,131,536	1,055,161,450	1,051,171,009	1,047,597,550	1,044,525,033	1,041,397,657	1,038,111,635	1,034,709,284	1,031,202,308	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		4,941,935	4,924,350	4,909,321	4,894,247	4,875,901	4,857,461	4,873,424	4,859,130	4,844,582	4,829,295	4,813,468	4,797,153	58,420,268
b	Debt Component (Line 6 x Debt Component x 1/12)		1,221,314	1,216,968	1,213,254	1,209,528	1,204,994	1,200,437	1,216,261	1,212,694	1,209,063	1,205,248	1,201,297	1,197,226	14,508,283
8	Investment Expenses														
a	Depreciation (E)		3,838,491	3,838,522	3,838,500	3,845,943	3,853,420	3,853,797	3,854,192	3,854,192	3,855,416	3,856,247	3,857,079	3,857,079	46,202,879
b	Amortization (F)		28,191	28,191	28,191	28,191	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	340,258
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	6,751,836
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		10,592,584	10,570,683	10,551,918	10,540,562	10,525,406	10,502,785	10,534,967	10,517,106	10,500,150	10,481,880	10,462,934	10,442,548	126,223,523
a	Recoverable Costs Allocated to Energy		814,814	813,129	811,686	810,812	809,647	807,907	810,382	809,008	807,704	806,298	804,841	803,273	9,709,502
b	Recoverable Costs Allocated to Demand		9,777,770	9,757,553	9,740,232	9,729,749	9,715,759	9,694,878	9,724,585	9,708,098	9,692,447	9,675,582	9,658,093	9,639,275	116,514,021
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		793,052	792,453	791,148	790,846	789,156	789,224	790,768	789,539	787,754	786,021	782,806	780,526	9,463,293
13	Retail Demand-Related Recoverable Costs (I)		9,502,308	9,482,661	9,465,828	9,455,640	9,442,044	9,421,751	9,450,021	9,434,599	9,419,388	9,402,998	9,386,002	9,367,714	113,231,553
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		10,295,359	10,275,114	10,256,975	10,246,486	10,231,200	10,210,975	10,241,389	10,224,137	10,207,142	10,189,020	10,168,808	10,148,240	122,694,846

Notes:

(A) Description and reason for 'Other' adjustments to net Investment for this program, if applicable

(B) Beginning Balances: Crist \$783,784,344; Smith \$229,742; Daniel \$373,548,987; Scherer \$182,954,079. Ending Balances: Crist \$788,937,503; Smith \$229,742; Daniel \$373,470,541; Scherer \$184,195,951.

(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal

(D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.

(E) Applicable depreciation rate or rates.

(F) PE 1168 and portions of PEs 1222, 1233, 1279, 1728, 1909 and 1950 have a 7 year amortization period.

(G) Description and reason for "Other" adjustments to investment expenses for this program.

(H) Line 9a x Line 10 x line loss multiplier

(I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: General Water Quality
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	33,250	112,073	13,096	0	0	736,277	322,954	1,217,651
b	Clearings to Plant		0	0	0	0	0	33,250	0	0	0	0	0	0	33,250
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	835,726	835,726	835,726	835,726	835,726	835,726	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976
3	Less: Accumulated Depreciation (C)	(16,524)	(19,282)	(22,040)	(24,798)	(27,556)	(30,314)	(33,126)	(35,994)	(38,862)	(41,729)	(44,597)	(47,464)	(50,332)	(50,332)
4	CWIP - Non Interest Bearing	(0)	(0)	(0)	(0)	(0)	(0)	(0)	112,073	125,169	125,169	125,169	861,447	1,184,401	1,184,401
5	Net Investment (Lines 2 + 3 + 4) (A)	819,202	816,444	813,686	810,928	808,170	805,412	835,849	945,055	955,283	952,416	949,548	1,682,958	2,003,045	2,003,045
6	Average Net Investment		817,823	815,065	812,307	809,549	806,791	820,631	890,452	950,169	953,850	950,982	1,316,253	1,843,001	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		3,779	3,766	3,754	3,741	3,728	3,792	4,142	4,420	4,437	4,424	6,123	8,574	54,681
b	Debt Component (Line 6 x Debt Component x 1/12)		934	931	928	925	921	937	1,034	1,103	1,107	1,104	1,528	2,140	13,592
8	Investment Expenses														
a	Depreciation (E)		2,758	2,758	2,758	2,758	2,758	2,813	2,868	2,868	2,868	2,868	2,868	2,868	33,808
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		7,471	7,455	7,439	7,423	7,407	7,542	8,044	8,391	8,412	8,396	10,519	13,581	102,081
a	Recoverable Costs Allocated to Energy		575	573	572	571	570	580	619	645	647	646	809	1,045	7,852
b	Recoverable Costs Allocated to Demand		6,896	6,882	6,867	6,852	6,838	6,962	7,425	7,746	7,765	7,750	9,710	12,536	94,229
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		559	559	558	557	555	567	604	630	631	630	787	1,015	7,652
13	Retail Demand-Related Recoverable Costs (I)		6,702	6,688	6,674	6,659	6,645	6,766	7,216	7,527	7,546	7,532	9,436	12,183	91,574
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		7,261	7,247	7,231	7,216	7,200	7,332	7,820	8,157	8,178	8,161	10,223	13,198	99,226

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable
(B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
(D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
(E) Applicable depreciation rate or rates.
(F) PE 1280 is fully amortized
(G) Description and reason for "Other" adjustments to investment expenses for this program.
(H) Line 9a x Line 10 x line loss multiplier
(I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: Coal Combustion Residuals
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		4,101,606	3,125,600	13,834,252	(1,080,825)	2,657,799	4,065,374	4,118,323	4,797,254	6,557,627	4,694,608	5,080,957	5,728,079	57,680,653
b	Clearings to Plant		0	0	482,727	1,156,841	11,454,851	821,337	0	0	145,552	0	0	0	14,061,309
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	262,985	190,794	1,054,916	963,914	0	0	0	0	0	0	0	2,472,609
2	Plant-in-Service/Depreciation Base (B)		3,298,422	3,298,422	3,781,148	4,937,990	16,392,841	17,214,178	17,214,178	17,214,178	17,359,730	17,359,730	17,359,730	17,359,730	173,597,300
3	Less: Accumulated Depreciation (C)		(37,015,158)	(37,076,239)	(36,874,335)	(36,745,563)	(35,755,867)	(34,869,750)	(35,048,202)	(35,137,797)	(35,227,633)	(35,317,709)	(35,407,785)	(35,497,861)	(354,978,611)
4	CWIP - Non Interest Bearing		46,403,562	50,505,168	53,630,768	64,744,627	55,947,575	59,191,611	63,309,934	68,107,188	74,519,262	79,213,870	84,294,828	90,022,906	842,922,906
5	Net Investment (Lines 2 + 3 + 4) (A)		12,686,826	16,727,351	20,054,855	34,017,878	33,926,750	37,470,666	45,475,911	50,183,569	56,651,360	61,255,892	66,246,773	71,884,776	718,884,776
6	Average Net Investment		14,707,088	18,391,103	27,036,367	33,972,314	35,698,708	39,458,925	43,461,547	47,829,740	53,417,464	58,953,626	63,751,332	69,065,775	690,665,775
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		67,961	84,985	124,935	156,986	164,964	182,340	202,183	222,504	248,498	274,252	296,571	321,294	2,347,474
b	Debt Component (Line 6 x Debt Component x 1/12)		16,795	21,003	30,876	38,796	40,768	45,062	50,459	55,530	61,003	68,445	74,015	80,185	582,938
8	Investment Expenses														
a	Depreciation (E)		6,221	6,221	7,162	10,359	22,936	33,996	34,735	34,735	34,975	35,215	35,215	35,215	296,984
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	658,328
d	Property Taxes		4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	59,005
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		150,755	171,986	222,750	265,919	288,445	321,175	347,155	372,547	404,254	437,690	465,579	496,472	3,944,729
a	Recoverable Costs Allocated to Energy		11,597	13,230	17,135	20,455	22,188	24,706	26,704	28,657	31,096	33,668	35,814	38,190	303,441
b	Recoverable Costs Allocated to Demand		139,159	158,757	205,616	245,464	266,257	296,469	320,450	343,889	373,157	404,022	429,766	458,282	3,641,288
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		11,287	12,893	16,701	19,952	21,627	24,134	26,058	27,968	30,328	32,822	34,833	37,109	295,712
13	Retail Demand-Related Recoverable Costs (I)		135,238	154,284	199,823	238,549	258,756	288,117	311,423	334,201	362,644	392,640	417,658	445,371	3,538,705
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		146,525	167,177	216,524	258,500	280,383	312,252	337,480	362,169	392,973	425,461	452,491	482,480	3,834,416

Notes:

- (A) Description and reason for "Other" adjustments to net Investment for this program, if applicable
 (B) Beginning Balances: Crist \$441,896; Smith \$528,323; Scherer \$1,550,297; Scholz \$673,181; Daniel \$104,724.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For program: Steam Electric Effluent Limitations Guidelines
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	113,300	113,300	113,300	113,300	113,300	566,500
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	
3	Less: Accumulated Depreciation (C)		(185,787)	(204,458)	(223,129)	(241,800)	(260,471)	(279,142)	(316,484)	(335,155)	(353,826)	(372,497)	(391,168)	(409,839)	
4	CWIP - Non Interest Bearing		0	0	0	0	0	0	0	113,300	226,600	339,900	453,200	566,500	
5	Net Investment (Lines 2 + 3 + 4) (A)		5,472,099	5,453,428	5,434,757	5,416,086	5,397,414	5,360,743	5,341,401	5,436,030	5,530,659	5,625,288	5,719,917	5,814,546	
6	Average Net Investment		5,462,763	5,444,092	5,425,421	5,406,750	5,388,079	5,369,408	5,350,737	5,388,716	5,483,345	5,577,974	5,672,603	5,767,232	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		25,243	25,157	25,071	24,985	24,898	24,812	24,892	25,068	25,509	25,949	26,389	26,829	304,802
b	Debt Component (Line 6 x Debt Component x 1/12)		6,238	6,217	6,196	6,175	6,153	6,132	6,212	6,256	6,262	6,476	6,586	6,696	75,599
8	Investment Expenses														
a	Depreciation (E)		18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	224,052
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		50,153	50,045	49,938	49,830	49,723	49,615	49,775	49,996	50,442	51,096	51,646	52,196	604,453
a	Recoverable Costs Allocated to Energy		3,858	3,850	3,841	3,833	3,825	3,817	3,829	3,846	3,880	3,930	3,973	4,015	46,496
b	Recoverable Costs Allocated to Demand		46,295	46,196	46,096	45,997	45,898	45,798	45,946	46,150	46,561	47,165	47,673	48,181	557,957
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		3,755	3,752	3,744	3,739	3,728	3,728	3,736	3,753	3,784	3,832	3,864	3,901	45,316
13	Retail Demand-Related Recoverable Costs (I)		44,991	44,894	44,798	44,701	44,605	44,508	44,652	44,850	45,250	45,857	46,330	46,824	542,238
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		48,746	48,646	48,542	48,440	48,333	48,236	48,388	48,603	49,034	49,689	50,194	50,725	587,554

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Capital Investments, Depreciation and Taxes
For Program: 316(b) Intake Structure Regulation
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	5,607	1,028	80,592	251,850	579,255	478,515	327,405	277,035	2,001,288
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	0	0	0	561	103	0	0	0	0	0	0	664
2	Plant-in-Service/Depreciation Base (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)		0	0	0	0	561	664	664	664	664	664	664	664	664
4	CWIP - Non Interest Bearing		0	0	0	0	5,607	6,636	87,228	339,078	918,333	1,396,848	1,724,253	2,001,288	
5	Net Investment (Lines 2 + 3 + 4) (A)		0	0	0	0	6,168	7,299	87,891	339,741	918,996	1,397,511	1,724,916	2,001,951	
6	Average Net Investment		0	0	0	0	3,084	6,734	47,595	213,816	629,369	1,158,254	1,561,214	1,863,434	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		0	0	0	0	14	31	221	995	2,928	5,388	7,263	8,669	25,509
b	Debt Component (Line 6 x Debt Component x 1/12)		0	0	0	0	4	8	55	248	719	1,345	1,813	2,163	6,354
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	18	39	277	1,243	3,647	6,733	9,075	10,832	31,863
a	Recoverable Costs Allocated to Energy		0	0	0	0	1	3	21	96	281	518	698	833	2,451
b	Recoverable Costs Allocated to Demand		0	0	0	0	16	36	255	1,147	3,366	6,215	8,377	9,999	29,412
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	1	3	21	93	274	505	679	810	2,385
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	16	35	248	1,115	3,271	6,040	8,141	9,717	28,584
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	17	38	269	1,208	3,545	6,545	8,820	10,527	30,969

Notes:

- Description and reason for 'Other' adjustments to net investment for this program, if applicable
- Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- Applicable depreciation rate or rates.
- Applicable amortization period.
- Description and reason for "Other" adjustments to investment expenses for this program.
- Line 9a x Line 10 x line loss multiplier
- Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Working Capital, Mercury Allowance Expenses
For Program: Mercury Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
	a Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
	a FERC 158.1 Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Total Working Capital Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Average Net Working Capital Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Return on Average Net Working Capital Balance														
	a Equity Component (Line 4 x Equity Component x 1/12) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b Debt Component (Line 4 x Debt Component x 1/12)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Total Return Component (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Expenses														
	a Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c Mercury Allowance Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Net Expenses (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 6 + 8)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	a Recoverable Costs Allocated to Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 2E
 (E) Line 8 is reported on Schedule 2E

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Working Capital, Annual NOx Expenses
For Program: Annual NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Amount
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	7,025	7,025	7,025	6,653	6,653	6,653	6,653	6,489	6,326	6,177	5,783	5,478	5,080	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Total Working Capital Balance	7,025	7,025	7,025	6,653	6,653	6,653	6,653	6,489	6,326	6,177	5,783	5,478	5,080	
4	Average Net Working Capital Balance		7,025	7,025	6,839	6,653	6,653	6,653	6,571	6,408	6,251	5,980	5,630	5,279	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		32	32	32	31	31	31	31	30	29	28	26	25	357
b	Debt Component (Line 4 x Debt Component x 1/12)		8	8	8	8	8	8	8	7	7	7	7	6	89
6	Total Return Component (D)		40	40	39	38	38	38	38	37	36	35	33	31	445
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Annual NOx Allowance Expense		0	0	372	0	0	0	164	164	149	394	305	398	1,945
8	Net Expenses (E)		0	0	372	0	0	0	164	164	149	394	305	398	1,945
9	Total System Recoverable Expenses (Lines 6 + 8)		40	40	411	38	38	38	202	201	185	429	338	429	2,390
a	Recoverable Costs Allocated to Energy		3	3	375	3	3	3	167	166	152	397	307	400	1,979
b	Recoverable Costs Allocated to Demand		37	37	36	35	35	35	35	34	34	32	30	28	411
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)		3	3	365	3	3	3	163	162	148	387	299	389	1,928
13	Retail Demand-Related Recoverable Costs (C)		36	36	35	34	34	34	34	33	33	31	29	28	400
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		39	39	401	37	37	37	197	196	180	418	328	416	2,327

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (B) Line 9a x Line 10 x line loss multiplier
- (C) Line 9b x Line 11.
- (D) Line 6 is reported on Schedule 2E
- (E) Line 8 is reported on Schedule 2E

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Working Capital, Seasonal NOx Expenses
For Program: Seasonal NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Amount
1	Investments														
	a Purchases/Transfers		0	0	0	0	0	0	0	159,000	0	0	0	0	
	b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	
	c Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Working Capital														
	a FERC 158.1 Allowance Inventory	8,181	8,181	8,181	8,181	8,181	8,181	8,181	6,365	163,567	162,078	162,078	162,078	162,078	
	b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
	c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
	d FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	8,181	8,181	8,181	8,181	8,181	8,181	8,181	6,365	163,567	162,078	162,078	162,078	162,078	
4	Average Net Working Capital Balance		8,181	8,181	8,181	8,181	8,181	8,181	7,273	84,966	162,822	162,078	162,078	162,078	
5	Return on Average Net Working Capital Balance														
	a Equity Component (Line 4 x Equity Component x 1/12) (A)		38	38	38	38	38	38	34	395	757	754	754	754	3,675
	b Debt Component (Line 4 x Debt Component x 1/12)		9	9	9	9	9	9	8	99	189	188	188	188	917
6	Total Return Component (D)		47	47	47	47	47	47	42	494	946	942	942	942	4,592
7	Expenses														
	a Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Seasonal NOx Allowance Expense		0	0	0	0	0	0	1,816	1,798	1,488	0	0	0	5,103
8	Net Expenses (E)		0	0	0	0	0	0	1,816	1,798	1,488	0	0	0	5,103
9	Total System Recoverable Expenses (Lines 6 + 8)		47	47	47	47	47	47	1,859	2,292	2,435	942	942	942	9,695
	a Recoverable Costs Allocated to Energy		4	4	4	4	4	4	1,820	1,836	1,561	72	72	72	5,456
	b Recoverable Costs Allocated to Demand		44	44	44	44	44	44	39	456	874	870	870	870	4,239
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)		4	4	4	4	4	4	1,776	1,792	1,523	71	70	70	5,323
13	Retail Demand-Related Recoverable Costs (C)		42	42	42	42	42	42	38	443	849	845	845	845	4,119
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		46	46	46	46	46	46	1,814	2,235	2,372	916	916	916	9,442

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 2E
 (E) Line 8 is reported on Schedule 2E

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Working Capital, SO₂ Expenses
For Program: SO₂ Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
	a Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
	a FERC 158.1 Allowance Inventory	6,314,539	6,314,539	6,314,539	6,312,336	6,312,336	6,312,336	6,312,336	6,307,841	6,303,334	6,299,436	6,296,614	6,294,596	6,291,809	
	b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d FERC 254 Regulatory Liabilities - Gains	(268)	(268)	(268)	(268)	(268)	(268)	(268)	(254)	(239)	(225)	(210)	(195)	(181)	
3	Total Working Capital Balance	6,314,271	6,314,271	6,314,271	6,312,067	6,312,067	6,312,067	6,312,067	6,307,587	6,303,095	6,299,211	6,296,404	6,294,401	6,291,628	
4	Average Net Working Capital Balance		6,314,271	6,314,271	6,313,169	6,312,067	6,312,067	6,312,067	6,309,827	6,305,341	6,301,153	6,297,807	6,295,402	6,293,015	
5	Return on Average Net Working Capital Balance														
	a Equity Component (Line 4 x Equity Component x 1/12) (A)		29,178	29,178	29,173	29,168	29,168	29,168	29,353	29,332	29,313	29,297	29,286	29,275	350,891
	b Debt Component (Line 4 x Debt Component x 1/12)		7,211	7,211	7,210	7,208	7,208	7,208	7,326	7,321	7,316	7,312	7,309	7,306	87,145
6	Total Return Component (D)		36,389	36,389	36,383	36,376	36,376	36,376	36,679	36,653	36,629	36,609	36,595	36,581	438,037
7	Expenses														
	a Gains		0	0	0	0	0	0	(15)	(15)	(15)	(15)	(15)	(15)	(88)
	b Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c SO ₂ Allowance Expense		0	0	2,204	0	0	0	4,495	4,506	3,898	2,822	2,017	2,788	22,730
8	Net Expenses (E)		0	0	2,204	0	0	0	4,480	4,492	3,884	2,807	2,003	2,773	22,643
9	Total System Recoverable Expenses (Lines 6 + 8)		36,389	36,389	38,587	36,376	36,376	36,376	41,159	41,145	40,512	39,417	38,598	39,354	460,679
	a Recoverable Costs Allocated to Energy		2,799	2,799	5,002	2,798	2,798	2,798	7,302	7,311	6,701	5,623	4,818	5,587	56,338
	b Recoverable Costs Allocated to Demand		33,590	33,590	33,584	33,578	33,578	33,578	33,858	33,833	33,811	33,793	33,780	33,767	404,341
10	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
11	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
12	Retail Energy-Related Recoverable Costs (B)		2,724	2,728	4,876	2,729	2,727	2,733	7,125	7,135	6,536	5,482	4,686	5,429	54,911
13	Retail Demand-Related Recoverable Costs (C)		32,644	32,644	32,638	32,632	32,632	32,632	32,904	32,880	32,858	32,841	32,828	32,816	392,950
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		35,368	35,372	37,514	35,362	35,360	35,366	40,029	40,016	39,394	38,323	37,514	38,245	447,861

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 2E
 (E) Line 8 is reported on Schedule 2E

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019
Return on Working Capital, Amortization Expense
For Program: Regulatory Asset Smith Units 1 & 2

(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Regulatory Asset Balance 182.2 (B)	19,921,306	19,921,306	19,802,726	19,684,147	19,565,568	19,446,989	19,328,410	19,209,830	19,091,251	18,972,672	18,854,093	18,735,514	18,616,934	18,616,934
2	Less Amortization (C)	0	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)
3	Net Regulatory Asset Balance (Lines 1 + 2) (A)	19,921,306	19,802,726	19,684,147	19,565,568	19,446,989	19,328,410	19,209,830	19,091,251	18,972,672	18,854,093	18,735,514	18,616,934	18,498,355	18,498,355
4	Average Regulatory Asset Balance		19,862,016	19,743,437	19,624,858	19,506,278	19,387,699	19,269,120	19,150,541	19,031,962	18,913,382	18,794,803	18,676,224	18,557,645	
5	Return on Average Regulatory Asset Balance														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		91,782	91,234	90,686	90,139	89,591	89,043	89,088	88,537	87,985	87,433	86,882	86,330	1,068,730
b	Debt Component (Line 6 x Debt Component x 1/12)		22,682	22,547	22,412	22,276	22,141	22,005	22,234	22,096	21,958	21,821	21,683	21,545	265,401
6	Amortization Expense														
a	Amortization (E)		118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	1,422,950
b	Other (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Total System Recoverable Expenses (Lines 5 + 6)		233,044	232,361	231,677	230,994	230,311	229,627	229,901	229,212	228,523	227,833	227,144	226,455	2,757,082
a	Recoverable Costs Allocated to Energy		17,926	17,874	17,821	17,769	17,716	17,664	17,685	17,632	17,579	17,526	17,473	17,420	212,083
b	Recoverable Costs Allocated to Demand		215,118	214,487	213,856	213,225	212,594	211,964	212,217	211,580	210,944	210,308	209,671	209,035	2,544,999
8	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	
9	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	
10	Retail Energy-Related Recoverable Costs (G)		17,448	17,419	17,370	17,331	17,268	17,255	17,257	17,207	17,144	17,085	16,994	16,926	206,706
11	Retail Demand-Related Recoverable Costs (H)		209,057	208,444	207,831	207,218	206,605	205,992	206,238	205,620	205,001	204,383	203,765	203,146	2,473,300
12	Total Jurisdictional Recoverable Costs (Lines 10 + 11)		226,505	225,864	225,202	224,549	223,873	223,247	223,495	222,827	222,146	221,468	220,759	220,072	2,680,006

Notes:

- (A) End of period Regulatory Asset Balance.
 (B) Beginning of period Regulatory Asset Balance.
 (C) Regulatory Asset has a 15 year amortization period.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Regulatory Asset has a 15 year amortization period.
 (F) Description and reason for "Other" adjustments to regulatory asset.
 (G) Line 7a x Line 8 x line loss multiplier
 (H) Line 7b x Line 9.

Schedule 9E

Page 1 of 2

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - June 2019

FPSC Capital Structure and Cost Rates

Line	Capital Component	(1)	(2)	(3)	(4)	(5)	(6)
		Jurisdictional Amount (\$000s)	Ratio %	Cost Rate %	Weighted Cost Rate %	Revenue Requirement Rate %	Monthly Revenue Requirement Rate %
1	Bonds	826,744	34.2628	3.89	1.3328	1.3328	
2	Short-Term Debt	9,317	0.3861	4.17	0.0161	0.0161	
3	Preferred Stock	7,010	0.2905	6.14	0.0178	0.0238	
4	Common Stock	969,929	40.1968	10.25	4.1202	5.5190	
5	Customer Deposits	22,436	0.9298	2.29	0.0213	0.0213	
6	Deferred Taxes	576,770	23.9031				
7	Investment Tax Credit	<u>741</u>	<u>0.0307</u>	7.39	0.0023	<u>0.0028</u>	
8	Total	<u>2,412,949</u>	<u>100.0000</u>		<u>5.5105</u>	<u>6.9158</u>	<u>0.5763</u>
	<u>ITC Component:</u>						
9	Debt	826,744	45.8364	3.89	1.7830	0.0005	
10	Equity-Preferred	7,010	0.3887	6.14	0.0239	0.0000	
11	-Common	<u>969,929</u>	<u>53.7749</u>	10.25	<u>5.5119</u>	<u>0.0023</u>	
12		<u>1,803,684</u>	<u>100.0000</u>		<u>7.3188</u>	<u>0.0028</u>	
	<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>						
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.3707	0.1142
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.5451</u>	0.4621
15	Total Revenue Requirement Rate of Return					<u>6.9158</u>	<u>0.5763</u>

Column:

- (1) Based on the May 2018 Surveillance Report, Schedule 4
Adjusted to achieve the 53.5% equity ratio as prescribed in the 2018 Tax Reform Settlement Agreement in Docket No. 20180039-EI.
- (2) Column (1) / Total Column (1)
- (3) Based on the May 2018 Surveillance Report, Schedule 4.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.3450% = effective income tax rate
For debt components: Column (4)
- (6) Column (5) / 12

Schedule 9E
Page 2 of 2

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
July 2019 - December 2019

FPSC Capital Structure and Cost Rates

Line	Capital Component	(1) Jurisdictional Rate Base Test Year (\$000's)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %	(5) Revenue Requirement Rate %	(6) Monthly Revenue Requirement Rate %
1	Bonds	895,370	34.5117	3.91	1.3507	1.3507	
2	Short-Term Debt	21,050	0.8114	2.96	0.0240	0.0240	
3	Preferred Stock	0	0.0000	0.00	0.0000	0.0000	
4	Common Stock	1,054,506	40.6457	10.25	4.1662	5.5806	
5	Customer Deposits	22,088	0.8514	2.08	0.0177	0.0177	
6	Deferred Taxes	600,760	23.1562				
7	Investment Tax Credit	<u>611</u>	<u>0.0236</u>	7.34	<u>0.0017</u>	<u>0.0022</u>	
8	Total	<u>2,594,384</u>	<u>100.0000</u>		<u>5.5603</u>	<u>6.9752</u>	<u>0.5813</u>
<u>ITC Component:</u>							
9	Debt	895,370	45.9193	3.91	1.7972	0.0004	
10	Equity-Preferred	0	0.0000	0.00	0.0000	0.0000	
11	-Common	<u>1,054,506</u>	<u>54.0807</u>	10.25	<u>5.5433</u>	<u>0.0018</u>	
12		<u>1,949,876</u>	<u>100.0000</u>		<u>7.3405</u>	<u>0.0022</u>	
<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>							
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.3928	0.1161
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.5824</u>	0.4652
15	Total Revenue Requirement Rate of Return					<u>6.9752</u>	<u>0.5813</u>

Column:

- (1) Based on the May 2019 Surveillance Report, Schedule 4.
Adjusted to achieve the 53.5% equity ratio as prescribed in the 2018 Tax Reform Settlement Agreement in Docket No. 20180039-EI.
- (2) Column (1) / Total Column (1)
- (3) Based on the May 2019 Surveillance Report, Schedule 4.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.345% = effective income tax rate
For debt components: Column (4)
- (6) Column (5) / 12

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 – December 2019
For Program: Scherer - Air Quality Compliance and CCR Programs
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	510,075	549,187	1,015,434	703,431	1,466,131	595,222	1,856,210	1,821,014	1,808,768	1,553,608	1,508,160	13,387,239
b	Clearings to Plant		0	5,095	37,092	1,262	11,422,390	1,117,528	0	0	0	923,802	0	0	13,507,169
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Other		0	276,023	210,306	1,073,665	960,882	1,515	0	0	0	0	0	0	2,522,392
2	Plant-in-Service/Depreciation Base	184,504,377	184,504,377	184,509,472	184,546,564	184,547,825	195,970,215	197,087,743	197,087,743	197,087,743	197,087,743	198,011,545	198,011,545	198,011,545	198,011,545
3	Less: Accumulated Depreciation	(28,431,526)	(28,765,225)	(28,822,904)	(28,946,339)	(28,206,450)	(27,589,800)	(27,943,452)	(28,299,800)	(28,656,149)	(29,012,497)	(29,369,677)	(29,727,688)	(30,085,699)	(30,085,699)
4	Working Capital (Emissions)	16,303	16,303	16,303	15,924	15,924	15,924	15,924	15,740	174,556	174,388	173,388	173,556	173,240	173,240
5	CWIP - Non Interest Bearing	16,995,494	16,995,494	17,500,474	18,012,569	19,026,741	8,307,782	8,656,385	9,251,607	11,107,817	12,928,831	13,813,797	15,367,405	16,875,565	16,875,565
6	Net Investment (Lines 2 + 3 + 4 + 5)	173,084,647	172,750,949	173,203,544	173,628,717	175,384,041	176,704,297	177,816,601	178,055,290	179,713,968	181,178,466	182,629,641	183,824,919	184,974,651	184,974,651
7	Average Net Investment		172,917,798	172,977,147	173,416,031	174,506,379	176,044,169	177,260,449	177,935,946	178,884,629	180,446,217	181,904,053	183,227,280	184,399,785	184,399,785
8	Return on Average Net Investment														
a	Equity Component (Line 7 x Equity Component x 1/12)		799,053	799,327	801,355	806,394	813,500	819,121	827,758	832,171	839,436	846,218	852,373	857,828	9,894,535
b	Debt Component (Line 7 x Debt Component x 1/12)		197,472	197,540	198,041	199,286	201,042	202,431	206,584	207,685	209,498	211,191	212,727	214,088	2,457,586
9	Investment Expenses														
a	Depreciation		330,678	330,683	330,721	330,756	341,037	352,323	353,328	353,328	353,328	354,160	354,991	354,991	4,140,326
b	Amortization		247	247	247	247	247	247	247	247	247	247	247	247	2,966
c	Dismantlement		2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	2,773	33,273
d	Property Taxes		44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	44,221	530,651
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
10	O&M and Emissions														
a	O&M Expense		87,420	308,829	401,762	85,521	321,081	181,336	208,916	154,292	131,730	80,546	72,126	(32,125)	2,001,433
b	Emissions Expense		0	0	481	0	0	0	708	708	650	699	548	702	4,497
11	Total System Recoverable Expenses (Lines 8 + 9 + 10)		1,461,864	1,683,620	1,779,602	1,469,197	1,723,901	1,602,452	1,644,535	1,595,425	1,581,883	1,540,053	1,540,006	1,442,726	19,065,265
a	Recoverable Costs Allocated to Energy		192,834	414,438	504,562	178,620	431,022	284,870	317,589	262,783	241,469	191,050	183,135	79,564	3,281,936
b	Recoverable Costs Allocated to Demand		1,269,031	1,269,182	1,275,040	1,290,577	1,292,879	1,317,582	1,326,945	1,332,643	1,340,414	1,349,003	1,356,872	1,363,162	15,783,329
12	Energy Jurisdictional Factor		0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171	0.9705171
13	Demand Jurisdictional Factor		0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277
14	Retail Energy-Related Recoverable Costs		187,683	403,900	491,795	174,221	420,114	278,283	309,903	256,459	235,505	186,246	178,121	77,311	3,199,540
15	Retail Demand-Related Recoverable Costs		1,233,279	1,233,427	1,239,119	1,254,219	1,256,456	1,280,462	1,289,562	1,295,099	1,302,651	1,310,998	1,318,645	1,324,759	15,338,676
16	Total Jurisdictional Recoverable Costs (Lines 14 + 15)		1,420,962	1,637,326	1,730,914	1,428,440	1,676,570	1,558,745	1,599,465	1,551,558	1,538,156	1,497,244	1,496,766	1,402,069	18,538,216
17	Scherer/Flint Credit(24%)		341,031	392,958	415,419	342,826	402,377	374,099	383,872	372,374	369,158	359,339	359,224	336,497	4,449,172

Schedule 1P

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Total Jurisdictional Amount to be Recovered

For the Projected Period
January 2020 - December 2020

Line No.		Energy (\$)	Demand (\$)	Total (\$)
1	Total Jurisdictional Rev. Req. for the projected period			
a	Projected O & M Activities (Schedule 2P, Lines 7, 8 & 9)	19,620,715	11,618,298	31,239,013
b	Projected Capital Programs (Schedule 3P, Lines 7, 8 & 9)	<u>12,223,844</u>	<u>146,259,741</u>	<u>158,483,585</u>
c	Total Jurisdictional Rev. Req. for the projected period (Lines 1a + 1b)	31,844,560	157,878,038	189,722,598
2	True-Up for Estimated Over/(Under) Recovery for the period January 2019 - December 2019 (Schedule 1E, Line 3)	783,626	3,825,941	4,609,567
3	Final True-Up for the period January 2018 - December 2018 (Schedule 1A, Line 3)	379,227	1,516,909	1,896,136
4	Total Jurisdictional Amount to be Recovered/(Refunded) in the projection period January 2020 - December 2020 (Line 1c - Line 2 - Line 3)	<u>30,681,706</u>	<u>152,535,189</u>	<u>183,216,895</u>
5	Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier)	<u>30,703,797</u>	<u>152,645,014</u>	<u>183,348,811</u>

Notes:

Allocation to energy and demand in each period are in proportion to the respective period split of costs indicated on Lines 7 & 8 of Schedules 5E & 7E and 5A & 7A.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 23
PARTY: GULF POWER COMPANY (GULF) –
(DIRECT)
DESCRIPTION: C. Shane Boyett CSB-3

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020

O & M Activities
(in Dollars)

Line		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification Demand	Energy
1	Description of O & M Activities															
.1	Sulfur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.2	Air Emission Fees	13,338	17,950	133,893	13,338	13,338	13,338	13,338	13,338	13,338	13,338	13,338	13,338	285,269	0	285,269
.3	Title V	17,448	17,448	26,501	17,945	17,945	17,945	17,945	26,501	17,945	17,945	17,945	17,949	231,465	0	231,465
.4	Asbestos Fees	500	0	0	0	500	0	0	0	0	0	0	0	1,000	1,000	0
.5	Emission Monitoring	58,190	57,578	65,658	75,462	62,093	58,537	59,044	65,531	58,709	58,584	58,584	58,433	736,399	0	736,399
.6	General Water Quality	110,877	110,219	137,740	120,309	123,088	144,384	136,108	158,707	133,207	127,731	122,458	117,729	1,542,559	0	1,542,559
.7	Groundwater Contamination Investigation	201,765	201,765	203,444	162,107	162,107	206,269	210,061	210,061	162,107	162,107	162,107	201,854	2,241,964	2,241,964	0
.8	State NPDES Administration	11,500	500	0	0	0	0	0	0	0	0	0	23,000	35,000	35,000	0
.9	Lead & Copper Rule	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.10	Environmental Auditing/Assessment	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.11	General Solid & Hazardous Waste	71,092	69,992	97,077	73,071	74,171	84,671	78,571	94,777	84,171	80,771	79,671	80,803	968,840	968,840	0
.12	Above Ground Storage Tanks	4,022	13,397	39,737	34,308	9,547	15,761	14,161	11,319	4,547	13,683	14,400	8,775	183,659	183,659	0
.13	Low NOx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.14	Ash Pond Diversion Curtains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.15	Mercury Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.16	Sodium Injection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.17	Gulf Coast Ozone Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.18	SPCC Substation Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.19	FDEP NOx Reduction Agreement	38,783	38,783	59,803	43,991	18,534	49,809	54,173	62,711	49,082	39,626	50,536	54,899	560,731	560,731	0
.20	Air Quality Compliance Program	1,642,706	1,273,411	1,601,454	1,592,603	1,497,421	1,655,979	1,665,720	1,896,411	1,482,398	1,436,102	1,281,076	1,261,857	18,287,138	0	18,287,138
.21	MACT ICR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.22	Crist Water Conservation	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	45,978	45,978	0
.23	Coal Combustion Residuals	621,619	612,459	603,268	571,436	572,554	600,783	597,552	628,452	549,102	534,820	487,023	487,005	6,866,072	6,866,072	0
.24	Smith Water Conservation	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	48,696	48,696	0
.25	Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.26	Annual NOx Allowances	387	299	392	312	108	148	160	159	148	315	261	398	3,087	3,087	0
.27	Seasonal NOx Allowances	0	0	0	0	978	1,445	1,632	1,641	1,417	0	0	0	7,113	7,113	0
.28	SO2 Allowances	1,228	1,054	523	408	1,122	1,828	810	812	717	523	281	528	9,834	9,834	0
2	Total of O & M Activities	<u>2,801,346</u>	<u>2,422,745</u>	<u>2,977,380</u>	<u>2,713,179</u>	<u>2,561,396</u>	<u>2,858,787</u>	<u>2,853,373</u>	<u>3,178,310</u>	<u>2,564,779</u>	<u>2,500,935</u>	<u>2,303,069</u>	<u>2,334,506</u>	<u>32,069,805</u>	<u>11,948,768</u>	<u>20,121,037</u>
3	Recoverable Costs Allocated to Energy	1,772,080	1,406,523	1,888,224	1,744,059	1,611,539	1,799,029	1,812,822	2,067,104	1,623,754	1,566,433	1,422,020	1,407,450	20,121,037		
4	Recoverable Costs Allocated to Demand	1,029,266	1,016,223	1,089,156	969,121	949,857	1,059,758	1,040,551	1,111,206	941,024	934,502	881,049	927,056	11,948,768		
5	Retail Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272			
6	Retail Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427			
7	Jurisdictional Energy Recoverable Costs (A)	1,722,099	1,368,671	1,837,218	1,698,807	1,570,840	1,755,199	1,769,485	2,016,093	1,583,260	1,542,188	1,386,712	1,370,144	19,620,715		
8	Jurisdictional Demand Recoverable Costs (B)	<u>1,000,799</u>	<u>988,117</u>	<u>1,059,033</u>	<u>942,317</u>	<u>923,587</u>	<u>1,030,448</u>	<u>1,011,772</u>	<u>1,080,473</u>	<u>914,998</u>	<u>908,656</u>	<u>856,682</u>	<u>901,416</u>	<u>11,618,298</u>		
9	Total Jurisdictional Recoverable Costs for O & M Activities (Lines 7 + 8)	<u>2,722,898</u>	<u>2,356,788</u>	<u>2,896,251</u>	<u>2,641,124</u>	<u>2,494,427</u>	<u>2,785,647</u>	<u>2,781,258</u>	<u>3,096,566</u>	<u>2,498,258</u>	<u>2,450,844</u>	<u>2,243,393</u>	<u>2,271,560</u>	<u>31,239,013</u>		

Notes:

(A) Line 3 x Line 5 x line loss multiplier

(B) Line 4 x Line 6

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Projected Period Amount

January 2020 - December 2020

Capital Investment Programs - Recoverable Costs
(in Dollars)

Line	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification Demand	Energy
1 Description of Investment Programs (A)															
.1 Air Quality Assurance Testing	1,456	1,450	1,444	1,438	1,433	1,427	1,421	1,415	1,409	1,404	1,398	1,392	17,086	15,772	1,314
.2 Crist 5, 6 & 7 Precipitator Projects	313,042	312,396	311,749	311,103	310,456	309,810	309,163	308,517	307,870	307,224	306,577	305,931	3,713,837	3,428,157	285,680
.3 Crist 7 Flue Gas Conditioning	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	104,659	96,608	8,051
.4 Low NOx Burners, Crist 6 & 7	146,684	146,415	146,146	145,878	145,609	145,340	145,071	144,803	144,534	144,265	143,996	143,728	1,742,469	1,608,433	134,036
.5 CEMS - Plants Crist & Daniel	44,673	44,586	44,498	44,411	44,323	44,236	44,148	44,061	43,974	43,886	43,799	43,711	530,306	489,513	40,793
.6 Substation Contamination Remediation	40,052	39,977	39,902	39,827	39,751	39,676	39,601	39,525	39,450	39,375	39,299	39,224	475,659	439,070	36,589
.7 Raw Water Well Flowmeters - Plants Crist & Smith	1,070	1,067	1,064	1,061	1,058	1,055	1,053	1,050	1,047	1,044	1,041	1,038	12,648	11,675	973
.8 Crist Cooling Tower Cell	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,131	34,274	2,856
.9 Crist Dechlorination System	1,961	1,954	1,947	1,940	1,932	1,925	1,918	1,910	1,903	1,896	1,888	1,881	23,055	21,282	1,773
.10 Crist Diesel Fuel Oil Remediation	316	315	313	312	311	309	308	307	305	304	303	301	3,704	3,419	285
.11 Crist Bulk Tank Unloading Secondary Containment	412	410	408	406	404	402	400	398	396	394	392	390	4,812	4,442	370
.12 Crist IWW Sampling System	240	239	237	236	235	234	233	232	231	229	228	227	2,801	2,585	215
.13 Sodium Injection System	1,773	1,767	1,762	1,756	1,751	1,746	1,740	1,735	1,729	1,724	1,718	1,713	20,913	19,305	1,609
.14 Smith Stormwater Collection System	14,110	14,047	13,985	13,922	13,859	13,796	13,734	13,671	13,608	13,546	13,483	13,420	165,182	152,475	12,706
.15 Smith Waste Water Treatment Facility	5,543	5,515	5,507	5,499	5,490	5,482	5,473	5,465	5,457	5,448	5,440	5,431	70,151	64,755	5,396
.16 Daniel Ash Management Project	106,372	106,154	105,937	105,719	105,502	105,284	105,067	104,850	104,632	104,415	104,197	103,980	1,262,109	1,165,024	97,085
.17 Smith Water Conservation	210,137	217,460	225,566	234,203	243,120	252,037	259,919	266,262	270,815	303,332	335,082	335,884	3,153,816	2,911,215	242,601
.18 Underground Fuel Tank Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.19 Crist FDEP Agreement for Ozone Attainment	885,548	883,192	880,837	880,356	879,867	879,493	875,119	872,745	870,372	867,998	865,624	863,250	10,502,402	9,694,525	807,877
.20 SPCC Compliance	6,251	6,232	6,213	6,194	6,175	6,156	6,137	6,119	6,100	6,081	6,062	6,043	73,763	68,089	5,674
.21 Crist Common FTR Monitor	372	371	369	368	367	366	365	363	362	361	360	359	4,383	4,046	337
.22 Precipitator Upgrades for CAM Compliance	93,604	93,335	93,066	92,798	92,529	92,260	91,992	91,723	91,454	91,185	90,917	90,648	1,105,511	1,020,471	85,039
.23 Plant Groundwater Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.24 Crist Water Conservation	147,415	147,907	147,516	147,124	146,733	146,342	145,951	145,559	145,168	144,777	144,386	143,995	1,752,873	1,618,037	134,836
.25 Plant NPDES Permit Compliance Projects	75,631	78,458	84,315	88,157	89,984	96,963	102,896	102,632	102,368	102,103	101,839	101,574	1,126,922	1,040,235	86,686
.26 Air Quality Compliance Program	10,428,428	10,409,670	10,393,425	10,382,185	10,364,020	10,343,045	10,325,791	10,304,789	10,290,820	10,277,247	10,262,221	10,235,039	124,010,680	114,471,397	9,539,283
.27 General Water Quality	14,511	14,494	14,478	20,752	27,143	28,551	31,298	35,644	42,898	51,607	60,316	69,025	410,718	379,124	31,594
.28 Coal Combustion Residuals	527,986	561,292	598,160	635,552	666,236	690,335	723,571	775,491	819,341	854,565	882,155	909,979	8,644,663	7,979,689	664,974
.29 Steam Electric Effluent Limitations Guidelines	52,651	52,965	53,279	53,592	53,906	54,220	54,533	54,847	55,161	55,475	55,788	56,102	652,519	602,326	50,194
.30 316(B) Intake Structure Regulation	11,645	11,645	15,534	19,400	19,355	19,309	19,264	19,218	19,173	19,128	19,082	19,037	211,791	195,499	16,292
.31 Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.32 Annual NOx Allowances	28	26	24	22	21	20	20	19	18	16	15	13	243	224	19
.33 Seasonal NOx Allowances	943	943	943	943	1,187	1,427	1,418	1,409	1,400	1,396	1,396	1,396	14,801	13,662	1,139
.34 SO2 Allowances	36,595	36,588	36,584	36,581	36,576	36,568	36,560	36,555	36,551	36,547	36,545	36,543	438,794	405,040	33,753
.35 Regulatory Asset Smith Units 1 & 2	225,839	225,149	224,460	223,770	223,080	222,390	221,701	221,011	220,321	219,631	218,941	218,252	2,664,546	2,459,581	204,965
2 Total Investment Programs - Recoverable Costs	13,407,104	13,428,235	13,446,883	13,507,722	13,534,631	13,550,423	13,578,081	13,614,540	13,651,083	13,708,819	13,750,706	13,761,722	162,954,946	150,419,951	12,534,996
3 Recoverable Costs Allocated to Energy	1,031,316	1,032,941	1,035,529	1,039,056	1,041,125	1,042,340	1,044,468	1,047,272	1,050,083	1,054,525	1,057,747	1,058,594	12,534,996	12,534,996	0
4 Recoverable Costs Allocated to Demand	12,375,788	12,395,294	12,426,353	12,468,666	12,493,505	12,508,082	12,533,613	12,567,268	12,601,000	12,654,295	12,692,959	12,703,128	150,419,951	142,884,955	0
5 Retail Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0.9723272	0.9723272	0
6 Retail Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0
7 Jurisdictional Energy Recoverable Costs (B)	1,002,228	1,005,143.17	1,007,557	1,012,096	1,014,832	1,016,945	1,019,499	1,021,428	1,023,895	1,038,203	1,031,483	1,030,535	12,223,844	12,223,844	0
8 Jurisdictional Demand Recoverable Costs (C)	12,033,507	12,052,474	12,082,674	12,123,816	12,147,969	12,162,143	12,186,967	12,219,691	12,252,490	12,304,311	12,341,906	12,351,794	146,259,741	146,259,741	0
9 Total Jurisdictional Recoverable Costs for Investment Programs (Lines 7 + 8)	13,035,735	13,057,617	13,090,231	13,135,912	13,162,801	13,179,088	13,206,466	13,241,119	13,276,385	13,348,514	13,373,389	13,382,329	158,483,585	158,483,585	0

Notes:

(A) Pages 1-30 of Schedule 4P, Line 9, Pages 31-34 of Schedule 4P, Line 6, Page 35, Line 7

(B) Line 3 x Line 5 x Line loss multiplier

(C) Line 4 x Line 6

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Air Quality Assurance Testing
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954
3	Less: Accumulated Depreciation (C)	(4,997)	(5,997)	(6,996)	(7,996)	(8,995)	(9,995)	(10,994)	(11,993)	(12,993)	(13,992)	(14,992)	(15,991)	(16,991)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	78,957	77,957	76,958	75,958	74,959	73,959	72,960	71,960	70,961	69,962	68,962	67,963	66,963	
6	Average Net Investment		78,457	77,457	76,458	75,459	74,459	73,460	72,460	71,461	70,461	69,462	68,462	67,463	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		365	361	356	351	347	342	337	333	328	323	319	314	4,076
b	Debt Component (Line 6 x Debt Component x 1/12)		91	90	89	88	87	85	84	83	82	81	80	78	1,017
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		999	999	999	999	999	999	999	999	999	999	999	999	11,993
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,456	1,450	1,444	1,438	1,433	1,427	1,421	1,415	1,409	1,404	1,398	1,392	17,086
a	Recoverable Costs Allocated to Energy		112	112	111	111	110	110	109	109	108	108	108	107	1,314
b	Recoverable Costs Allocated to Demand		1,344	1,338	1,333	1,328	1,322	1,317	1,312	1,306	1,301	1,296	1,290	1,285	15,772
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		109	109	108	108	107	107	107	106	106	106	105	104	1,282
13	Retail Demand-Related Recoverable Costs (I)		1,307	1,301	1,296	1,291	1,286	1,281	1,275	1,270	1,265	1,260	1,254	1,249	15,336
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,416	1,410	1,404	1,399	1,393	1,388	1,382	1,376	1,371	1,366	1,359	1,354	16,617

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist 5, 6 & 7 Precipitator Programs
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323
3	Less: Accumulated Depreciation (C)	1,088,035	976,899	865,764	754,629	643,494	532,359	421,224	310,088	198,953	87,818	(23,317)	(134,452)	(245,587)	(245,587)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	34,765,358	34,654,223	34,543,087	34,431,952	34,320,817	34,209,682	34,098,547	33,987,411	33,876,276	33,765,141	33,654,006	33,542,871	33,431,736	33,431,736
6	Average Net Investment		34,709,790	34,598,655	34,487,520	34,376,385	34,265,249	34,154,114	34,042,979	33,931,844	33,820,709	33,709,574	33,598,438	33,487,303	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		161,574	161,057	160,539	160,022	159,505	158,987	158,470	157,953	157,435	156,918	156,401	155,883	1,904,745
b	Debt Component (Line 6 x Debt Component x 1/12)		40,333	40,204	40,074	39,945	39,816	39,687	39,558	39,429	39,300	39,171	39,041	38,912	475,470
8	Investment Expenses														
a	Depreciation (E)		111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	1,333,622
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		313,042	312,396	311,749	311,103	310,456	309,810	309,163	308,517	307,870	307,224	306,577	305,931	3,713,837
a	Recoverable Costs Allocated to Energy		24,080	24,030	23,981	23,931	23,881	23,832	23,782	23,732	23,682	23,633	23,583	23,533	285,680
b	Recoverable Costs Allocated to Demand		288,962	288,365	287,768	287,172	286,575	285,978	285,381	284,785	284,188	283,591	282,994	282,398	3,428,157
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		23,401	23,384	23,333	23,310	23,278	23,251	23,213	23,146	23,092	23,267	22,997	22,909	278,582
13	Retail Demand-Related Recoverable Costs (I)		280,970	280,390	279,809	279,229	278,649	278,069	277,489	276,908	276,328	275,748	275,168	274,587	3,333,344
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		304,371	303,773	303,142	302,539	301,927	301,320	300,702	300,055	299,420	299,015	298,165	297,497	3,611,925

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist 7 Flue Gas Conditioning
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
6	Average Net Investment		1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	83,752
b	Debt Component (Line 6 x Debt Component x 1/12)		1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	20,907
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	104,659
a	Recoverable Costs Allocated to Energy		671	671	671	671	671	671	671	671	671	671	671	671	8,051
b	Recoverable Costs Allocated to Demand		8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	96,608
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		652	653	653	653	654	655	655	654	654	661	654	653	7,851
13	Retail Demand-Related Recoverable Costs (I)		7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	93,936
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		8,480	8,481	8,481	8,481	8,482	8,483	8,483	8,482	8,482	8,489	8,482	8,481	101,787

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Low NOx Burners, Crist 6 & 7
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	130,706
3	Less: Accumulated Depreciation (C)	3,670,041	3,623,837	3,577,632	3,531,428	3,485,223	3,439,019	3,392,815	3,346,610	3,300,406	3,254,201	3,207,997	3,161,792	3,115,588	1,563,948
4	CWIP - Non Interest Bearing		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	Net Investment (Lines 2 + 3 + 4) (A)	17,296,534	17,250,330	17,204,125	17,157,921	17,111,717	17,065,512	17,019,308	16,973,103	16,926,899	16,880,694	16,834,490	16,788,286	16,742,081	1,694,654
6	Average Net Investment		17,273,432	17,227,228	17,181,023	17,134,819	17,088,614	17,042,410	16,996,205	16,950,001	16,903,797	16,857,592	16,811,388	16,765,183	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		80,408	80,193	79,978	79,763	79,547	79,332	79,117	78,902	78,687	78,472	78,257	78,042	950,699
b	Debt Component (Line 6 x Debt Component x 1/12)		20,072	20,018	19,964	19,911	19,857	19,803	19,750	19,696	19,642	19,589	19,535	19,481	237,317
8	Investment Expenses														
a	Depreciation (E)		44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	533,916
b	Amortization (F)		1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	20,537
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		146,684	146,415	146,146	145,878	145,609	145,340	145,071	144,803	144,534	144,265	143,996	143,728	1,742,469
a	Recoverable Costs Allocated to Energy		11,283	11,263	11,242	11,221	11,201	11,180	11,159	11,139	11,118	11,097	11,077	11,056	134,036
b	Recoverable Costs Allocated to Demand		135,401	135,153	134,904	134,656	134,408	134,160	133,912	133,664	133,416	133,168	132,920	132,672	1,608,433
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		10,965	10,960	10,938	10,930	10,918	10,908	10,893	10,864	10,841	10,926	10,802	10,763	130,706
13	Retail Demand-Related Recoverable Costs (I)		131,656	131,415	131,173	130,932	130,691	130,450	130,208	129,967	129,726	129,485	129,243	129,002	1,563,948
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		142,621	142,374	142,112	141,862	141,609	141,357	141,101	140,831	140,567	140,410	140,045	139,765	1,694,654

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: CEMS - Plants Crist & Daniel
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340
3	Less: Accumulated Depreciation (C)	267,027	252,002	236,976	221,950	206,924	191,898	176,872	161,847	146,821	131,795	116,769	101,743	86,717	86,717
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	4,963,367	4,948,341	4,933,315	4,918,290	4,903,264	4,888,238	4,873,212	4,858,186	4,843,160	4,828,135	4,813,109	4,798,083	4,783,057	4,783,057
6	Average Net Investment		4,955,854	4,940,828	4,925,802	4,910,777	4,895,751	4,880,725	4,865,699	4,850,673	4,835,648	4,820,622	4,805,596	4,790,570	4,790,570
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		23,070	23,000	22,930	22,860	22,790	22,720	22,650	22,580	22,510	22,440	22,370	22,300	22,218
b	Debt Component (Line 6 x Debt Component x 1/12)		5,759	5,741	5,724	5,706	5,689	5,671	5,654	5,636	5,619	5,602	5,584	5,567	5,552
8	Investment Expenses														
a	Depreciation (E)		15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	180,310
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		819	819	819	819	819	819	819	819	819	819	819	819	9,827
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		44,673	44,586	44,498	44,411	44,323	44,236	44,148	44,061	43,974	43,886	43,799	43,711	530,306
a	Recoverable Costs Allocated to Energy		3,436	3,430	3,423	3,416	3,409	3,403	3,396	3,389	3,383	3,376	3,369	3,362	40,793
b	Recoverable Costs Allocated to Demand		41,237	41,156	41,075	40,994	40,914	40,833	40,752	40,672	40,591	40,510	40,430	40,349	489,513
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0.9723272
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		3,339	3,337	3,330	3,328	3,323	3,320	3,315	3,306	3,298	3,324	3,285	3,273	39,779
13	Retail Demand-Related Recoverable Costs (I)		40,096	40,018	39,939	39,861	39,782	39,704	39,625	39,547	39,468	39,390	39,312	39,233	475,975
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		43,436	43,355	43,270	43,188	43,106	43,024	42,940	42,853	42,767	42,714	42,597	42,506	515,754

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Beginning Balances: Crist \$4,106,227; Daniel \$590,112. Ending Balances: Crist \$4,106,227; Daniel \$590,112.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Substation Contamination Remediation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893
3	Less: Accumulated Depreciation (C)	(469,604)	(482,550)	(495,497)	(508,443)	(521,389)	(534,336)	(547,282)	(560,228)	(573,175)	(586,121)	(599,067)	(612,014)	(624,960)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	4,666,289	4,653,343	4,640,396	4,627,450	4,614,504	4,601,557	4,588,611	4,575,665	4,562,718	4,549,772	4,536,826	4,523,879	4,510,933	
6	Average Net Investment	4,659,816	4,646,869	4,633,923	4,620,977	4,608,030	4,595,084	4,582,138	4,569,191	4,556,245	4,543,299	4,530,352	4,517,406		
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	21,691	21,631	21,631	21,571	21,511	21,450	21,390	21,330	21,270	21,209	21,149	21,089	21,029	256,320
b	Debt Component (Line 6 x Debt Component x 1/12)	5,415	5,400	5,400	5,385	5,370	5,355	5,339	5,324	5,309	5,294	5,279	5,264	5,249	63,984
8	Investment Expenses														
a	Depreciation (E)	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	155,356
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	40,052	39,977	39,977	39,902	39,827	39,751	39,676	39,601	39,525	39,450	39,375	39,299	39,224	475,659
a	Recoverable Costs Allocated to Energy	3,081	3,075	3,075	3,069	3,064	3,058	3,052	3,046	3,040	3,035	3,029	3,023	3,017	36,589
b	Recoverable Costs Allocated to Demand	36,972	36,902	36,902	36,832	36,763	36,693	36,624	36,554	36,485	36,415	36,346	36,276	36,207	439,070
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)	2,994	2,992	2,992	2,986	2,984	2,981	2,978	2,973	2,965	2,959	2,952	2,948	2,937	35,680
13	Retail Demand-Related Recoverable Costs (I)	35,949	35,881	35,881	35,814	35,746	35,679	35,611	35,543	35,476	35,408	35,341	35,273	35,205	426,927
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	38,943	38,874	38,874	38,800	38,730	38,659	38,589	38,517	38,441	38,367	38,293	38,221	38,143	462,607

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Raw Water Well Flowmeters - Plants Crist & Smith
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950
3	Less: Accumulated Depreciation (C)	(50,849)	(51,344)	(51,839)	(52,334)	(52,829)	(53,323)	(53,818)	(54,313)	(54,808)	(55,303)	(55,798)	(56,292)	(56,787)	(56,787)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	99,100	98,606	98,111	97,616	97,121	96,626	96,131	95,637	95,142	94,647	94,152	93,657	93,162	93,162
6	Average Net Investment		98,853	98,358	97,863	97,368	96,874	96,379	95,884	95,389	94,894	94,399	93,905	93,410	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	460	458	456	454	453	451	449	446	444	442	439	437	435	5,370
b	Debt Component (Line 6 x Debt Component x 1/12)	115	114	114	114	113	113	112	111	111	110	110	109	109	1,340
8	Investment Expenses														
a	Depreciation (E)	495	495	495	495	495	495	495	495	495	495	495	495	495	5,938
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	1,070	1,067	1,064	1,064	1,061	1,058	1,055	1,053	1,050	1,047	1,044	1,041	1,038	12,648
a	Recoverable Costs Allocated to Energy	82	82	82	82	82	81	81	81	81	81	80	80	80	973
b	Recoverable Costs Allocated to Demand	988	985	982	982	980	977	974	972	969	966	964	961	958	11,675
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)	80	80	80	80	80	79	79	79	79	79	79	78	78	949
13	Retail Demand-Related Recoverable Costs (I)	960	958	955	952	952	950	947	945	942	940	937	934	932	11,352
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	1,040	1,038	1,035	1,032	1,032	1,029	1,027	1,024	1,021	1,018	1,016	1,013	1,010	12,301

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Cooling Tower Cell
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926
6	Average Net Investment		531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	29,713
b	Debt Component (Line 6 x Debt Component x 1/12)		618	618	618	618	618	618	618	618	618	618	618	618	7,417
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,131
a	Recoverable Costs Allocated to Energy		238	238	238	238	238	238	238	238	238	238	238	238	2,856
b	Recoverable Costs Allocated to Demand		2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	34,274
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		231	232	232	232	232	232	232	232	232	234	232	232	2,785
13	Retail Demand-Related Recoverable Costs (I)		2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	33,326
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		3,009	3,009	3,009	3,009	3,009	3,009	3,010	3,009	3,009	3,012	3,009	3,009	36,112

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Dechlorination System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697
3	Less: Accumulated Depreciation (C)	(258,844)	(260,100)	(261,356)	(262,612)	(263,869)	(265,125)	(266,381)	(267,638)	(268,894)	(270,150)	(271,407)	(272,663)	(273,919)	(273,919)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	121,853	120,597	119,341	118,085	116,828	115,572	114,316	113,059	111,803	110,547	109,290	108,034	106,778	106,778
6	Average Net Investment		121,225	119,969	118,713	117,456	116,200	114,944	113,688	112,431	111,175	109,919	108,662	107,406	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		564	558	553	547	541	535	529	523	518	512	506	500	6,386
b	Debt Component (Line 6 x Debt Component x 1/12)		141	139	138	136	135	134	132	131	129	128	126	125	1,594
8	Investment Expenses														
a	Depreciation (E)		1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	15,076
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,961	1,954	1,947	1,940	1,932	1,925	1,918	1,910	1,903	1,896	1,888	1,881	23,055
a	Recoverable Costs Allocated to Energy		151	150	150	149	149	148	148	147	146	146	145	145	1,773
b	Recoverable Costs Allocated to Demand		1,811	1,804	1,797	1,790	1,784	1,777	1,770	1,763	1,757	1,750	1,743	1,736	21,282
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		147	146	146	145	145	144	144	143	143	144	142	141	1,729
13	Retail Demand-Related Recoverable Costs (I)		1,761	1,754	1,747	1,741	1,734	1,728	1,721	1,715	1,708	1,701	1,695	1,688	20,693
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,907	1,900	1,893	1,886	1,879	1,872	1,865	1,858	1,851	1,845	1,837	1,829	22,423

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Diesel Fuel Oil Remediation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923
3	Less: Accumulated Depreciation (C)	(53,590)	(53,817)	(54,044)	(54,272)	(54,499)	(54,727)	(54,954)	(55,182)	(55,409)	(55,637)	(55,864)	(56,091)	(56,319)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	15,334	15,106	14,879	14,651	14,424	14,196	13,969	13,741	13,514	13,287	13,059	12,832	12,604	
6	Average Net Investment		15,220	14,992	14,765	14,537	14,310	14,083	13,855	13,628	13,400	13,173	12,945	12,718	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		71	70	69	68	67	66	64	63	62	61	60	59	780
b	Debt Component (Line 6 x Debt Component x 1/12)		18	17	17	17	17	16	16	16	16	15	15	15	195
8	Investment Expenses														
a	Depreciation (E)		227	227	227	227	227	227	227	227	227	227	227	227	2,729
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		316	315	313	312	311	309	308	307	305	304	303	301	3,704
a	Recoverable Costs Allocated to Energy		24	24	24	24	24	24	24	24	23	23	23	23	285
b	Recoverable Costs Allocated to Demand		292	290	289	288	287	286	284	283	282	281	279	278	3,419
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		24	24	23	23	23	23	23	23	23	23	23	23	278
13	Retail Demand-Related Recoverable Costs (I)		284	282	281	280	279	278	276	275	274	273	272	271	3,325
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		307	306	305	303	302	301	300	298	297	296	294	293	3,603

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Projected Period Amount

January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes

For Program: Crist Bulk Tanker Unloading Secondary Containment

(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495
3	Less: Accumulated Depreciation (C)	(88,128)	(88,463)	(88,798)	(89,133)	(89,467)	(89,802)	(90,137)	(90,472)	(90,807)	(91,142)	(91,477)	(91,812)	(92,147)	(92,147)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	13,367	13,032	12,697	12,363	12,028	11,693	11,358	11,023	10,688	10,353	10,018	9,683	9,348	9,348
6	Average Net Investment		13,200	12,865	12,530	12,195	11,860	11,525	11,190	10,855	10,520	10,185	9,851	9,516	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		61	60	58	57	55	54	52	51	49	47	46	44	634
b	Debt Component (Line 6 x Debt Component x 1/12)		15	15	15	14	14	13	13	13	12	12	11	11	158
8	Investment Expenses														
a	Depreciation (E)		335	335	335	335	335	335	335	335	335	335	335	335	4,019
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		412	410	408	406	404	402	400	398	396	394	392	390	4,812
a	Recoverable Costs Allocated to Energy		32	32	31	31	31	31	31	31	30	30	30	30	370
b	Recoverable Costs Allocated to Demand		380	378	376	375	373	371	369	367	366	364	362	360	4,442
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		31	31	31	30	30	30	30	30	30	30	29	29	361
13	Retail Demand-Related Recoverable Costs (I)		370	368	366	364	363	361	359	357	356	354	352	350	4,319
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		400	398	397	395	393	391	389	387	385	384	381	380	4,680

Notes:

- Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- Applicable depreciation rate or rates.
- Applicable amortization period.
- Description and reason for "Other" adjustments to investment expenses for this program.
- Line 9a x Line 10 x line loss multiplier
- Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist IWW Sampling System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543
3	Less: Accumulated Depreciation (C)	(52,019)	(52,216)	(52,412)	(52,609)	(52,805)	(53,002)	(53,198)	(53,395)	(53,591)	(53,788)	(53,984)	(54,181)	(54,377)	(54,377)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	7,524	7,327	7,131	6,934	6,738	6,541	6,345	6,148	5,952	5,755	5,559	5,362	5,166	5,166
6	Average Net Investment		7,425	7,229	7,032	6,836	6,639	6,443	6,246	6,050	5,853	5,657	5,460	5,264	5,264
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		35	34	33	32	31	30	29	28	27	26	25	25	354
b	Debt Component (Line 6 x Debt Component x 1/12)		9	8	8	8	8	7	7	7	7	7	6	6	88
8	Investment Expenses														
a	Depreciation (E)		196	196	196	196	196	196	196	196	196	196	196	196	2,358
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		240	239	237	236	235	234	233	232	231	229	228	227	2,801
a	Recoverable Costs Allocated to Energy		18	18	18	18	18	18	18	18	18	18	18	17	215
b	Recoverable Costs Allocated to Demand		221	220	219	218	217	216	215	214	213	212	211	210	2,585
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0.9723272
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		18	18	18	18	18	18	17	17	17	17	17	17	210
13	Retail Demand-Related Recoverable Costs (I)		215	214	213	212	211	210	209	208	207	206	205	204	2,514
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		233	232	231	230	229	228	226	225	224	223	222	221	2,724

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Sodium Injection System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622
3	Less: Accumulated Depreciation (C)	(140,852)	(141,791)	(142,730)	(143,669)	(144,609)	(145,548)	(146,487)	(147,426)	(148,366)	(149,305)	(150,244)	(151,183)	(152,123)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	143,770	142,831	141,892	140,952	140,013	139,074	138,135	137,195	136,256	135,317	134,378	133,438	132,499	0
6	Average Net Investment		143,301	142,361	141,422	140,483	139,544	138,604	137,665	136,726	135,787	134,847	133,908	132,969	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		667	663	658	654	650	645	641	636	632	628	623	619	7,716
b	Debt Component (Line 6 x Debt Component x 1/12)		167	165	164	163	162	161	160	159	158	157	156	155	1,926
8	Investment Expenses														
a	Depreciation (E)		939	939	939	939	939	939	939	939	939	939	939	939	11,271
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,773	1,767	1,762	1,756	1,751	1,746	1,740	1,735	1,729	1,724	1,718	1,713	20,913
a	Recoverable Costs Allocated to Energy		136	136	136	135	135	134	134	133	133	133	132	132	1,609
b	Recoverable Costs Allocated to Demand		1,636	1,631	1,626	1,621	1,616	1,611	1,606	1,601	1,596	1,591	1,586	1,581	19,305
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		133	132	132	132	131	131	131	130	130	131	129	128	1,569
13	Retail Demand-Related Recoverable Costs (I)		1,591	1,586	1,581	1,576	1,572	1,567	1,562	1,557	1,552	1,547	1,542	1,537	18,771
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,724	1,719	1,713	1,708	1,703	1,698	1,692	1,687	1,682	1,678	1,671	1,666	20,339

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Stormwater Collection System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379
3	Less: Accumulated Depreciation (C)	(2,186,703)	(2,197,484)	(2,208,265)	(2,219,046)	(2,229,827)	(2,240,608)	(2,251,390)	(2,262,171)	(2,272,952)	(2,283,733)	(2,294,514)	(2,305,295)	(2,316,076)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	577,676	566,895	556,113	545,332	534,551	523,770	512,989	502,208	491,427	480,646	469,865	459,084	448,303	
6	Average Net Investment		572,285	561,504	550,723	539,942	529,161	518,380	507,599	496,818	486,036	475,255	464,474	453,693	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,664	2,614	2,564	2,513	2,463	2,413	2,363	2,313	2,262	2,212	2,162	2,112	28,656
b	Debt Component (Line 6 x Debt Component x 1/12)		665	652	640	627	615	602	590	577	565	552	540	527	7,153
8	Investment Expenses														
a	Depreciation (E)		10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	129,373
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		14,110	14,047	13,985	13,922	13,859	13,796	13,734	13,671	13,608	13,546	13,483	13,420	165,182
a	Recoverable Costs Allocated to Energy		1,085	1,081	1,076	1,071	1,066	1,061	1,056	1,052	1,047	1,042	1,037	1,032	12,706
b	Recoverable Costs Allocated to Demand		13,025	12,967	12,909	12,851	12,793	12,735	12,677	12,619	12,562	12,504	12,446	12,388	152,475
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		1,055	1,051	1,047	1,043	1,039	1,035	1,031	1,026	1,021	1,026	1,011	1,005	12,390
13	Retail Demand-Related Recoverable Costs (I)		12,664	12,608	12,552	12,496	12,439	12,383	12,327	12,270	12,214	12,158	12,102	12,045	148,258
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		13,719	13,660	13,599	13,539	13,478	13,418	13,358	13,296	13,235	13,184	13,113	13,050	160,649

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Waste Water Treatment Facility
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		340,829	0	0	0	0	0	0	0	0	0	0	0	340,829
c	Retirements		150,000	0	0	0	0	0	0	0	0	0	0	0	150,000
d	Cost of Removal		2,500	0	0	0	0	0	0	0	0	0	0	0	2,500
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	178,962	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791
3	Less: Accumulated Depreciation (C)	248,488	399,918	398,475	397,033	395,591	394,149	392,707	391,265	389,822	388,380	386,938	385,496	384,054	384,054
4	CWIP - Non Interest Bearing	340,829	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	768,279	769,709	768,267	766,824	765,382	763,940	762,498	761,056	759,614	758,171	756,729	755,287	753,845	753,845
6	Average Net Investment	768,994	768,988	768,988	767,546	766,103	764,661	763,219	761,777	760,335	758,892	757,450	756,008	754,566	754,566
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	3,580	3,580	3,580	3,573	3,566	3,559	3,553	3,546	3,539	3,533	3,526	3,519	3,513	42,586
b	Debt Component (Line 6 x Debt Component x 1/12)	894	894	894	892	890	889	887	885	884	882	880	878	877	10,631
8	Investment Expenses														
a	Depreciation (E)	1,070	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	16,934
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	5,543	5,915	5,907	5,907	5,899	5,890	5,882	5,873	5,865	5,857	5,848	5,840	5,831	70,151
a	Recoverable Costs Allocated to Energy	426	455	455	454	454	453	452	452	451	451	450	449	449	5,396
b	Recoverable Costs Allocated to Demand	5,117	5,460	5,453	5,453	5,445	5,437	5,429	5,422	5,414	5,406	5,398	5,391	5,383	64,755
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)	414	443	443	442	442	442	441	441	440	439	443	438	437	5,262
13	Retail Demand-Related Recoverable Costs (I)	4,975	5,309	5,302	5,302	5,294	5,287	5,279	5,272	5,264	5,257	5,249	5,242	5,234	62,964
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	5,390	5,752	5,745	5,744	5,736	5,728	5,721	5,713	5,704	5,696	5,692	5,680	5,671	68,226

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Daniel Ash Management Program
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124
3	Less: Accumulated Depreciation (C)	(6,833,192)	(6,870,568)	(6,907,943)	(6,945,318)	(6,982,694)	(7,020,069)	(7,057,444)	(7,094,820)	(7,132,195)	(7,169,570)	(7,206,945)	(7,244,321)	(7,281,696)	(7,319,071)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	8,116,932	8,079,556	8,042,181	8,004,806	7,967,430	7,930,055	7,892,680	7,855,304	7,817,929	7,780,554	7,743,179	7,705,803	7,668,428	7,631,053
6	Average Net Investment		8,098,244	8,060,869	8,023,493	7,986,118	7,948,743	7,911,367	7,873,992	7,836,617	7,799,241	7,761,866	7,724,491	7,687,116	7,649,741
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		37,697	37,523	37,349	37,175	37,001	36,827	36,653	36,479	36,305	36,131	35,958	35,784	35,610
b	Debt Component (Line 6 x Debt Component x 1/12)		9,410	9,367	9,323	9,280	9,236	9,193	9,150	9,106	9,063	9,019	8,976	8,932	8,889
8	Investment Expenses														
a	Depreciation (E)		37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		106,372	106,154	105,937	105,719	105,502	105,284	105,067	104,850	104,632	104,415	104,197	103,980	1,262,109
a	Recoverable Costs Allocated to Energy		8,182	8,166	8,149	8,132	8,116	8,099	8,082	8,065	8,049	8,032	8,015	7,998	97,085
b	Recoverable Costs Allocated to Demand		98,189	97,988	97,788	97,587	97,386	97,186	96,985	96,784	96,584	96,383	96,182	95,982	1,165,024
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		7,952	7,946	7,929	7,921	7,911	7,901	7,889	7,866	7,848	7,908	7,816	7,786	94,673
13	Retail Demand-Related Recoverable Costs (I)		95,473	95,278	95,083	94,888	94,693	94,498	94,303	94,107	93,912	93,717	93,522	93,327	1,132,802
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		103,425	103,224	103,012	102,809	102,603	102,399	102,192	101,974	101,760	101,625	101,338	101,113	1,227,475

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Water Conservation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		1,273,637	1,408,261	1,542,886	1,590,931	1,638,976	1,590,931	1,283,149	1,061,946	667,585	422,661	277,891	57,925	12,816,779
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	15,338,696	277,891	57,925	15,674,512
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	36,378,428	36,656,319	36,714,245	
3	Less: Accumulated Depreciation (C)	(2,474,754)	(2,556,809)	(2,638,864)	(2,720,919)	(2,802,974)	(2,885,029)	(2,967,084)	(3,049,139)	(3,131,194)	(3,213,249)	(3,325,214)	(3,467,632)	(3,610,705)	
4	CWIP - Non Interest Bearing	2,857,733	4,131,370	5,539,631	7,082,517	8,673,448	10,312,424	11,903,355	13,186,504	14,248,450	14,916,035	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	21,422,711	22,614,293	23,940,499	25,401,330	26,910,206	28,467,127	29,976,003	31,177,097	32,156,988	32,742,518	33,053,214	33,188,687	33,103,540	
6	Average Net Investment		22,018,502	23,277,396	24,670,915	26,155,768	27,688,666	29,221,565	30,576,550	31,667,042	32,449,753	32,897,866	33,120,951	33,146,114	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		102,496	108,356	114,843	121,755	128,891	136,026	142,334	147,410	151,054	153,140	154,178	154,295	1,614,778
b	Debt Component (Line 6 x Debt Component x 1/12)		25,585	27,048	28,668	30,393	32,174	33,955	35,530	36,797	37,707	38,227	38,487	38,516	403,087
8	Investment Expenses														
a	Depreciation (E)		82,055	82,055	82,055	82,055	82,055	82,055	82,055	82,055	82,055	111,965	142,418	143,073	1,135,950
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		210,137	217,460	225,566	234,203	243,120	252,037	259,919	266,262	270,815	303,332	335,082	335,884	3,153,816
a	Recoverable Costs Allocated to Energy		16,164	16,728	17,351	18,016	18,702	19,387	19,994	20,482	20,832	23,333	25,776	25,837	242,601
b	Recoverable Costs Allocated to Demand		193,972	200,732	208,214	216,187	224,418	232,649	239,925	245,780	249,983	279,999	309,307	310,046	2,911,215
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		15,708	16,277	16,883	17,548	18,229	18,915	19,516	19,976	20,312	22,972	25,136	25,152	236,625
13	Retail Demand-Related Recoverable Costs (I)		188,607	195,180	202,456	210,208	218,212	226,215	233,289	238,983	243,069	272,255	300,752	301,471	2,830,698
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		204,316	211,458	219,338	227,756	236,441	245,130	252,805	258,959	263,382	295,227	325,888	326,624	3,067,324

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Underground Fuel Tank Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Average Net Investment														
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist FDEP Agreement for Ozone Attainment
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	107,574
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	949,755
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	120,512,234	120,512,234	120,512,234	120,512,234	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	1,214,619,899
3	Less: Accumulated Depreciation (C)	(38,533,897)	(38,938,855)	(39,343,814)	(39,748,773)	(40,155,299)	(40,563,392)	(40,971,485)	(41,379,578)	(41,787,671)	(42,195,764)	(42,603,857)	(43,011,950)	(43,420,043)	(434,200,043)
4	CWIP - Non Interest Bearing	842,181	842,181	842,181	842,181	842,181	842,181	842,181	842,181	842,181	842,181	842,181	842,181	842,181	8,421,811
5	Net Investment (Lines 2 + 3 + 4) (A)	82,820,519	82,415,560	82,010,601	81,605,642	81,306,690	80,898,597	80,490,504	80,082,411	79,674,318	79,266,225	78,858,132	78,450,039	78,041,946	780,419,946
6	Average Net Investment		82,618,039	82,213,080	81,808,122	81,456,166	81,102,644	80,694,551	80,286,458	79,878,365	79,470,272	79,062,179	78,654,086	78,245,993	782,459,993
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		384,587	382,702	380,817	379,178	377,533	375,633	373,733	371,834	369,934	368,034	366,135	364,235	4,494,356
b	Debt Component (Line 6 x Debt Component x 1/12)		96,002	95,532	95,061	94,652	94,241	93,767	93,293	92,819	92,344	91,870	91,396	90,922	1,121,899
8	Investment Expenses														
a	Depreciation (E)		394,903	394,903	394,903	396,470	398,037	398,037	398,037	398,037	398,037	398,037	398,037	398,037	4,765,475
b	Amortization (F)		10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	120,672
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		885,548	883,192	880,837	880,356	879,867	877,493	875,119	872,745	870,372	867,998	865,624	863,250	10,502,402
a	Recoverable Costs Allocated to Energy		68,119	67,938	67,757	67,720	67,682	67,499	67,317	67,134	66,952	66,769	66,586	66,404	807,877
b	Recoverable Costs Allocated to Demand		817,429	815,254	813,080	812,637	812,185	809,994	807,802	805,611	803,420	801,229	799,037	796,846	9,694,525
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0.9723272
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		66,198	66,110	65,926	65,963	65,973	65,855	65,708	65,478	65,282	65,736	64,933	64,644	787,804
13	Retail Demand-Related Recoverable Costs (I)		794,821	792,707	790,592	790,161	789,722	787,592	785,461	783,330	781,200	779,069	776,938	774,808	9,426,400
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		861,019	858,816	856,519	856,124	855,695	853,446	851,168	848,808	846,481	844,804	841,871	839,451	10,214,204

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: SPCC Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925
3	Less: Accumulated Depreciation (C)	(430,520)	(433,771)	(437,021)	(440,272)	(443,523)	(446,773)	(450,024)	(453,274)	(456,525)	(459,776)	(463,026)	(466,277)	(469,528)	(469,528)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	517,405	514,154	510,904	507,653	504,402	501,152	497,901	494,650	491,400	488,149	484,899	481,648	478,397	
6	Average Net Investment		515,779	512,529	509,278	506,028	502,777	499,526	496,276	493,025	489,774	486,524	483,273	480,023	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	2,401	2,401	2,386	2,371	2,356	2,340	2,325	2,310	2,295	2,280	2,265	2,250	2,235	27,813
b	Debt Component (Line 6 x Debt Component x 1/12)	599	599	596	592	588	584	580	577	573	569	565	562	558	6,943
8	Investment Expenses														
a	Depreciation (E)		3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,123
b	Amortization (F)		157	157	157	157	157	157	157	157	157	157	157	157	1,885
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		6,251	6,232	6,213	6,194	6,175	6,156	6,137	6,119	6,100	6,081	6,062	6,043	73,763
a	Recoverable Costs Allocated to Energy		481	479	478	476	475	474	472	471	469	468	466	465	5,674
b	Recoverable Costs Allocated to Demand		5,770	5,753	5,735	5,718	5,700	5,683	5,665	5,648	5,630	5,613	5,596	5,578	68,089
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		467	466	465	464	463	462	461	459	458	461	455	453	5,533
13	Retail Demand-Related Recoverable Costs (I)		5,610	5,594	5,577	5,560	5,543	5,526	5,509	5,492	5,475	5,458	5,441	5,424	66,206
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		6,078	6,060	6,042	6,024	6,006	5,988	5,969	5,951	5,932	5,918	5,895	5,876	71,739

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Beginning and Ending Balances: Crist \$919,836; Smith \$14,895.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Common FTIR Monitor
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870
3	Less: Accumulated Depreciation (C)	(34,504)	(34,712)	(34,919)	(35,126)	(35,334)	(35,541)	(35,749)	(35,956)	(36,164)	(36,371)	(36,579)	(36,786)	(36,994)	(36,994)
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	28,366	28,159	27,951	27,744	27,536	27,329	27,121	26,914	26,707	26,499	26,292	26,084	25,877	
6	Average Net Investment		28,263	28,055	27,848	27,640	27,433	27,225	27,018	26,810	26,603	26,395	26,188	25,980	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)	132	131	131	130	129	128	127	126	125	124	123	122	121	1,515
b	Debt Component (Line 6 x Debt Component x 1/12)	33	33	33	32	32	32	32	31	31	31	31	30	30	378
8	Investment Expenses														
a	Depreciation (E)	207	207	207	207	207	207	207	207	207	207	207	207	207	2,490
b	Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	372	371	371	369	368	367	366	365	363	362	361	360	359	4,383
a	Recoverable Costs Allocated to Energy	29	29	29	28	28	28	28	28	28	28	28	28	28	337
b	Recoverable Costs Allocated to Demand	343	342	342	341	340	339	338	337	335	334	333	332	331	4,046
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9723427	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)	28	28	28	28	28	28	27	27	27	27	27	27	27	329
13	Retail Demand-Related Recoverable Costs (I)	334	333	333	332	331	329	328	327	326	325	324	323	322	3,934
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	362	360	360	359	358	357	356	355	353	352	351	350	349	4,263

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Precipitator Upgrades for CAM Compliance
(in Dollars)

Line	Investments	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
	b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
	e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2		Plant-in-Service/Depreciation Base (B)	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696
3		Less: Accumulated Depreciation (C)	(5,824,120)	(5,870,312)	(5,916,505)	(5,962,697)	(6,008,889)	(6,055,082)	(6,101,274)	(6,147,467)	(6,193,659)	(6,239,851)	(6,286,044)	(6,332,236)	(6,378,429)	(6,378,429)
4		CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5		Net Investment (Lines 2 + 3 + 4) (A)	8,173,576	8,127,384	8,081,191	8,034,999	7,988,806	7,942,614	7,896,422	7,850,229	7,804,037	7,757,844	7,711,652	7,665,460	7,619,267	7,619,267
6		Average Net Investment		8,150,480	8,104,287	8,058,095	8,011,903	7,965,710	7,919,518	7,873,325	7,827,133	7,780,941	7,734,748	7,688,556	7,642,363	
7		Return on Average Net Investment														
	a	Equity Component (Line 6 x Equity Component x 1/12) (D)		37,940	37,725	37,510	37,295	37,080	36,865	36,650	36,435	36,220	36,005	35,790	35,575	441,094
	b	Debt Component (Line 6 x Debt Component x 1/12)		9,471	9,417	9,364	9,310	9,256	9,202	9,149	9,095	9,041	8,988	8,934	8,880	110,108
8		Investment Expenses														
	a	Depreciation (E)		46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	554,309
	b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9		Total System Recoverable Expenses (Lines 7 + 8)		93,604	93,335	93,066	92,798	92,529	92,260	91,992	91,723	91,454	91,185	90,917	90,648	1,105,511
	a	Recoverable Costs Allocated to Energy		7,200	7,180	7,159	7,138	7,118	7,097	7,076	7,056	7,035	7,014	6,994	6,973	85,039
	b	Recoverable Costs Allocated to Demand		86,403	86,155	85,907	85,659	85,411	85,163	84,915	84,667	84,419	84,171	83,923	83,675	1,020,471
10		Energy Jurisdictional Factor		0.9706307	0.9710222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11		Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12		Retail Energy-Related Recoverable Costs (H)		6,997	6,986	6,966	6,953	6,938	6,924	6,907	6,881	6,859	6,820	6,820	6,788	82,926
13		Retail Demand-Related Recoverable Costs (I)		84,014	83,773	83,531	83,290	83,049	82,808	82,567	82,326	82,084	81,843	81,602	81,361	992,248
14		Total Jurisdictional Recoverable Costs (Lines 12 + 13)		91,011	90,759	90,497	90,243	89,987	89,732	89,474	89,207	88,944	88,749	88,422	88,149	1,075,174

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x Line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Projected Period Amount

January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes

For Program: Plant Groundwater Investigation

(in Dollars)

Line	Investments	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments															
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment															
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0.9723272	0.9723272
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Water Conservation Program
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		533,264	0	0	0	0	0	0	0	0	0	0	0	533,264
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	19,846,127	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391
3	Less: Accumulated Depreciation (C)	(6,414,044)	(6,480,416)	(6,547,668)	(6,614,920)	(6,682,172)	(6,749,424)	(6,816,576)	(6,883,928)	(6,951,180)	(7,018,432)	(7,085,684)	(7,152,936)	(7,220,188)	(7,220,188)
4	CWIP - Non Interest Bearing	533,264	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	Net Investment (Lines 2 + 3 + 4) (A)	13,965,347	13,898,975	13,831,723	13,764,471	13,697,219	13,629,967	13,562,715	13,495,463	13,428,211	13,360,959	13,293,707	13,226,455	13,159,203	
6	Average Net Investment		13,932,161	13,865,349	13,798,097	13,730,845	13,663,593	13,596,341	13,529,089	13,461,837	13,394,585	13,327,333	13,260,081	13,192,829	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		64,854	64,543	64,230	63,917	63,604	63,291	62,978	62,665	62,352	62,039	61,726	61,413	757,611
b	Debt Component (Line 6 x Debt Component x 1/12)		16,189	16,112	16,033	15,955	15,877	15,799	15,721	15,643	15,565	15,486	15,408	15,330	189,118
8	Investment Expenses														
a	Depreciation (E)		66,372	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	806,144
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		147,415	147,907	147,516	147,124	146,733	146,342	145,951	145,559	145,168	144,777	144,386	143,995	1,752,873
a	Recoverable Costs Allocated to Energy		11,340	11,377	11,347	11,317	11,287	11,257	11,227	11,197	11,167	11,137	11,107	11,077	134,836
b	Recoverable Costs Allocated to Demand		136,076	136,529	136,168	135,807	135,446	135,085	134,724	134,363	134,002	133,640	133,279	132,918	1,618,037
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		11,020	11,071	11,041	11,024	11,002	10,983	10,959	10,921	10,888	10,964	10,831	10,783	131,486
13	Retail Demand-Related Recoverable Costs (I)		132,312	132,753	132,402	132,051	131,700	131,349	130,998	130,647	130,295	129,944	129,593	129,242	1,573,286
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		143,332	143,825	143,443	143,075	142,702	142,332	141,956	141,567	141,184	140,909	140,424	140,025	1,704,772

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Plant NIPDES Permit Compliance Programs
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/ Additions		0	1,042,071	1,042,071	349,152	349,152	349,152	0	0	0	0	0	0	3,131,598
b	Clearings to Plant		0	0	0	0	0	3,131,598	0	0	0	0	0	0	3,131,598
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	9,950,713	9,950,713	9,950,713	9,950,713	9,950,713	9,950,713	13,082,311	13,082,311	13,082,311	13,082,311	13,082,311	13,082,311	13,082,311	0
3	Less: Accumulated Depreciation (C)	(2,968,156)	(3,003,272)	(3,038,388)	(3,073,503)	(3,108,619)	(3,143,735)	(3,184,018)	(3,229,468)	(3,274,919)	(3,320,369)	(3,365,819)	(3,411,269)	(3,456,719)	0
4	CWIP - Non Interest Bearing	0	0	1,042,071	2,084,142	2,433,294	2,782,446	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	6,982,557	6,947,442	7,954,397	8,961,352	9,275,388	9,589,424	9,898,293	9,852,843	9,807,393	9,761,942	9,716,492	9,671,042	9,625,592	0
6	Average Net Investment		6,964,999	7,450,919	8,457,874	9,118,370	9,432,406	9,743,858	9,875,568	9,830,118	9,784,667	9,739,217	9,693,767	9,648,317	0
7	Return on Average Net Investment														0
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		32,422	34,684	39,371	42,446	43,908	45,358	45,971	45,759	45,548	45,336	45,124	44,913	510,840
b	Debt Component (Line 6 x Debt Component x 1/12)		8,093	8,658	9,828	10,596	10,960	11,322	11,475	11,423	11,370	11,317	11,264	11,211	127,518
8	Investment Expenses														0
a	Depreciation (E)		35,116	35,116	35,116	35,116	35,116	40,283	45,450	45,450	45,450	45,450	45,450	45,450	488,564
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		75,631	78,458	84,315	88,157	89,984	96,963	102,896	102,632	102,368	102,103	101,839	101,574	1,126,922
a	Recoverable Costs Allocated to Energy		5,818	6,035	6,486	6,781	6,922	7,459	7,915	7,895	7,874	7,854	7,834	7,813	86,686
b	Recoverable Costs Allocated to Demand		69,814	72,423	77,830	81,376	83,062	89,504	94,981	94,737	94,493	94,249	94,005	93,761	1,040,235
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0
12	Retail Energy-Related Recoverable Costs (H)		5,654	5,873	6,311	6,605	6,747	7,277	7,726	7,700	7,678	7,733	7,639	7,606	84,548
13	Retail Demand-Related Recoverable Costs (I)		67,883	70,420	75,677	79,125	80,765	87,029	92,354	92,117	91,880	91,642	91,405	91,168	1,011,465
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		73,536	76,292	81,988	85,731	87,512	94,306	100,080	99,817	99,558	99,375	99,044	98,774	1,096,014

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Air Quality Compliance Program
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		648,784	669,758	1,517,595	2,390,824	805,113	547,368	407,739	127,413	127,413	279,343	279,343	24,343	7,825,035
b	Clearings to Plant		0	0	0	0	1,788,027	1,600,000	0	0	4,771,010	0	0	802,112	8,961,149
c	Retirements		0	0	0	0	5,294,389	600,000	0	0	0	0	0	250,000	6,144,389
d	Cost of Removal		5,000	0	0	0	315,000	300,000	0	0	0	0	0	0	620,000
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737
3	Less: Accumulated Depreciation (C)	(320,263,237)	(324,144,683)	(328,031,129)	(331,917,574)	(335,804,020)	(339,690,497)	(343,576,941)	(347,463,385)	(351,349,829)	(355,236,283)	(359,122,737)	(363,009,181)	(366,895,625)	(370,782,069)
4	CWIP - Non Interest Bearing	2,951,861	3,600,646	4,270,403	5,787,998	8,178,822	7,195,908	6,143,276	6,551,015	6,678,428	2,034,831	2,314,173	2,593,516	1,815,746	2,593,516
5	Net Investment (Lines 2 + 3 + 4) (A)	1,029,570,500	1,022,689,054	1,018,802,608	1,014,926,163	1,011,029,717	1,007,143,329	1,003,256,766	1,000,300,257	1,000,000,000	1,000,000,000	1,000,000,000	1,000,000,000	1,000,000,000	1,000,000,000
6	Average Net Investment		1,027,906,030	1,024,681,356	1,021,888,586	1,019,956,350	1,017,828,265	1,015,690,080	1,013,551,895	1,011,413,710	1,009,275,525	1,007,143,329	1,005,011,144	1,002,878,959	1,000,746,774
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		4,784,903	4,769,892	4,754,881	4,739,870	4,724,859	4,709,848	4,694,837	4,679,826	4,664,815	4,649,804	4,634,793	4,619,782	4,604,771
b	Debt Component (Line 6 x Debt Component x 1/12)		1,194,427	1,190,680	1,186,933	1,183,186	1,179,439	1,175,692	1,171,945	1,168,198	1,164,451	1,160,704	1,156,957	1,153,210	1,149,463
8	Investment Expenses														
a	Depreciation (E)		3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009	3,858,009
b	Amortization (F)		28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		10,428,428	10,409,670	10,390,912	10,372,154	10,353,396	10,334,638	10,315,880	10,297,122	10,278,364	10,259,606	10,240,848	10,222,090	10,203,332
a	Recoverable Costs Allocated to Energy		802,187	800,744	799,299	797,854	796,409	794,964	793,519	792,074	790,629	789,184	787,739	786,294	784,849
b	Recoverable Costs Allocated to Demand		9,626,241	9,608,926	9,591,611	9,574,296	9,556,981	9,539,666	9,522,351	9,505,036	9,487,721	9,470,406	9,453,091	9,435,776	9,418,461
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9732137	0.9745052	0.9757967	0.9770882	0.9783797	0.9796712	0.9809627	0.9822542	0.9835457	0.9848372	0.9861287
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		779,561	779,195	778,829	778,463	778,097	777,731	777,365	777,000	776,634	776,268	775,902	775,536	775,170
13	Retail Demand-Related Recoverable Costs (I)		9,360,006	9,343,169	9,326,332	9,309,495	9,292,658	9,275,821	9,258,984	9,242,147	9,225,310	9,208,473	9,191,636	9,174,799	9,157,962
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		10,139,567	10,122,364	10,105,161	10,087,950	10,070,739	10,053,528	10,036,317	10,019,106	10,001,895	9,984,684	9,967,473	9,950,262	9,933,051

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this program, if applicable
 (B) Beginning Balances: Crst \$788,447,996; Smith \$229,742; Daniel \$374,220,048, Scherer \$184,488,064.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: General Water Quality
(in Dollars)

Line	Investments	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	a	Expenditures/Additions		0	0	0	2,163,027	40,000	450,000	500,000	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	10,153,027
	b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
	e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2		Plant-in-Service/Depreciation Base (B)	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976
3		Less: Accumulated Depreciation (C)	(50,332)	(53,200)	(56,067)	(58,935)	(61,803)	(64,670)	(67,538)	(70,405)	(73,273)	(76,141)	(79,008)	(81,876)	(84,743)	(876,141)
4		CWIP - Non Interest Bearing	1,184,401	1,184,401	1,184,401	1,184,401	3,347,428	3,387,428	3,837,428	4,337,428	5,337,428	6,837,428	8,337,428	9,837,428	11,337,428	11,337,428
5		Net Investment (Lines 2 + 3 + 4) (A)	2,003,045	2,000,177	1,997,310	1,994,442	4,154,601	4,191,734	4,638,866	5,135,999	6,133,131	7,630,263	9,127,396	10,624,528	12,121,661	12,121,661
6		Average Net Investment		2,001,611	1,998,743	1,995,876	3,074,522	4,173,168	4,415,300	4,887,432	5,634,565	6,881,697	8,378,830	9,875,962	11,373,094	11,373,094
7		Return on Average Net Investment														
a		Equity Component (Line 6 x Equity Component x 1/12) (D)		9,317	9,304	9,291	14,312	19,426	20,553	22,751	26,229	32,034	39,003	45,973	52,942	301,136
b		Debt Component (Line 6 x Debt Component x 1/12)		2,326	2,323	2,319	3,573	4,849	5,131	5,679	6,547	7,997	9,736	11,476	13,216	75,171
8		Investment Expenses														
a		Depreciation (E)	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	34,411
b		Amortization (F)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c		Dismantlement	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d		Property Taxes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e		Other (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9		Total System Recoverable Expenses (Lines 7 + 8)		14,511	14,494	14,478	20,752	27,143	28,551	31,298	35,644	42,898	51,607	60,316	69,025	410,718
a		Recoverable Costs Allocated to Energy		1,116	1,115	1,114	1,596	2,088	2,196	2,408	2,742	3,300	3,970	4,640	5,310	31,594
b		Recoverable Costs Allocated to Demand		13,395	13,379	13,364	19,156	25,055	26,355	28,890	32,902	39,599	47,637	55,676	63,715	379,124
10		Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0.9723272
11		Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12		Retail Energy-Related Recoverable Costs (H)		1,085	1,085	1,084	1,555	2,035	2,143	2,350	2,674	3,218	3,908	4,524	5,169	30,830
13		Retail Demand-Related Recoverable Costs (I)		13,024	13,009	12,994	18,626	24,362	25,626	28,091	31,992	38,503	46,320	54,137	61,953	368,639
14		Total Jurisdictional Recoverable Costs (Lines 12 + 13)		14,109	14,094	14,078	20,181	26,397	27,769	30,441	34,666	41,721	50,228	58,661	67,122	399,468

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this program, if applicable
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Coal Combustion Residuals
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		5,191,977	6,439,451	6,416,711	6,619,678	4,025,284	4,356,372	3,171,761	3,635,726	2,816,560	2,786,558	1,958,086	1,860,264	49,278,428
b	Clearings to Plant		0	0	0	0	150,000	0	9,521,296	24,600,000	5,925,237	17,514,052	0	14,328,704	72,039,289
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	17,359,730	17,359,730	17,359,730	17,359,730	17,359,730	17,509,730	17,509,730	27,031,027	51,631,027	57,556,264	75,070,316	75,070,316	89,399,019	
3	Less: Accumulated Depreciation (C)	(35,497,861)	(35,587,937)	(35,678,012)	(35,768,088)	(35,858,164)	(35,948,488)	(36,039,059)	(36,141,531)	(36,276,815)	(36,438,046)	(36,619,200)	(36,815,241)	(37,029,193)	
4	CWIP - Non Interest Bearing	90,022,906	95,214,884	101,654,335	108,071,047	114,690,725	118,566,009	122,922,381	116,572,845	95,608,571	92,499,894	77,772,400	79,730,486	67,262,046	
5	Net Investment (Lines 2 + 3 + 4) (A)	71,884,776	76,986,678	83,336,053	89,662,688	96,192,291	100,127,251	104,393,052	107,462,341	110,962,782	113,618,112	116,223,516	117,985,560	119,631,872	
6	Average Net Investment		74,435,727	80,161,365	86,499,371	92,927,489	98,159,771	102,260,152	105,927,696	109,212,561	112,290,447	114,920,814	117,104,538	118,808,716	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		346,498	373,151	402,655	432,577	456,934	476,021	493,093	508,384	522,712	534,956	545,122	553,055	5,645,159
b	Debt Component (Line 6 x Debt Component x 1/12)		86,494	93,148	100,512	107,982	114,062	118,826	123,088	126,905	130,481	133,538	136,075	138,056	1,409,167
8	Investment Expenses														
a	Depreciation (E)		35,215	35,215	35,215	35,215	35,463	35,710	47,612	80,424	106,370	126,293	141,180	159,091	873,004
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	658,328
d	Property Taxes		4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	59,005
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		527,986	561,292	598,160	635,552	666,236	690,335	723,571	775,491	819,341	854,565	882,155	909,979	8,644,663
a	Recoverable Costs Allocated to Energy		40,614	43,176	46,012	48,889	51,249	53,103	55,659	59,653	63,026	65,736	67,858	69,998	664,974
b	Recoverable Costs Allocated to Demand		487,371	518,115	552,148	586,664	614,987	637,233	667,912	715,838	756,315	788,830	814,297	839,981	7,979,689
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		39,469	42,014	44,769	47,620	49,955	51,809	54,329	58,181	61,454	64,718	66,173	68,143	648,635
13	Retail Demand-Related Recoverable Costs (I)		473,892	503,786	536,877	570,438	597,978	619,608	649,439	696,039	735,397	767,013	791,776	816,749	7,758,992
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		513,361	545,800	581,646	618,058	647,933	671,417	703,768	754,220	796,852	831,731	857,949	884,892	8,407,627

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable
 (B) Beginning Balances: Crist \$587,448; Smith \$2,178,783; Scherer \$13,815,594; Scholz \$673,181; Daniel \$104,724. Ending Balances: Crist \$737,448; Smith \$32,704,020; Scherer \$13,815,594; Scholz \$18,187,233; Daniel \$23,954,724.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Steam Electric Effluent Limitations Guidelines
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	871,250
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885
3	Less: Accumulated Depreciation (C)	(409,839)	(428,510)	(447,181)	(465,852)	(484,523)	(503,194)	(521,865)	(540,536)	(559,207)	(577,878)	(596,549)	(615,220)	(633,891)	(633,891)
4	CWIP - Non Interest Bearing	566,500	639,104	711,708	784,313	856,917	929,521	1,002,125	1,074,729	1,147,333	1,219,938	1,292,542	1,365,146	1,437,750	1,437,750
5	Net Investment (Lines 2 + 3 + 4) (A)	5,814,546	5,868,479	5,922,413	5,976,346	6,030,279	6,084,212	6,138,145	6,192,078	6,246,011	6,299,945	6,353,878	6,407,811	6,461,744	6,461,744
6	Average Net Investment		5,841,513	5,895,446	5,949,379	6,003,312	6,057,245	6,111,179	6,165,112	6,219,045	6,272,978	6,326,911	6,380,844	6,434,777	6,434,777
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		27,192	27,443	27,694	27,945	28,196	28,448	28,699	28,950	29,201	29,452	29,703	29,954	342,877
b	Debt Component (Line 6 x Debt Component x 1/12)		6,788	6,851	6,913	6,976	7,039	7,101	7,164	7,227	7,289	7,352	7,415	7,477	85,590
8	Investment Expenses														
a	Depreciation (E)		18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	224,052
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		52,651	52,965	53,279	53,592	53,906	54,220	54,533	54,847	55,161	55,475	55,788	56,102	652,519
a	Recoverable Costs Allocated to Energy		4,050	4,074	4,098	4,122	4,147	4,171	4,195	4,219	4,243	4,267	4,291	4,316	50,194
b	Recoverable Costs Allocated to Demand		48,601	48,891	49,180	49,470	49,759	50,049	50,339	50,628	50,918	51,207	51,497	51,787	602,326
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	0.9723272
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427
12	Retail Energy-Related Recoverable Costs (H)		3,936	3,965	3,988	4,016	4,042	4,069	4,095	4,115	4,137	4,201	4,185	4,201	48,949
13	Retail Demand-Related Recoverable Costs (I)		47,257	47,538	47,820	48,102	48,383	48,665	48,946	49,228	49,510	49,791	50,073	50,354	585,667
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		51,193	51,503	51,808	52,117	52,425	52,734	53,041	53,343	53,647	53,992	54,258	54,555	634,616

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: 316(b) Intake Structure Regulation
(in Dollars)

Line	Investments	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
	b	Clearings to Plant		0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
	c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
	e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2		Plant-in-Service/Depreciation Base (B)	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
3		Less: Accumulated Depreciation (C)	664	664	664	(3,236)	(11,036)	(18,836)	(26,636)	(34,436)	(42,236)	(50,036)	(57,836)	(65,636)	(73,436)	(73,436)
4		CWIP - Non Interest Bearing	2,001,288	2,001,288	2,001,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288
5		Net Investment (Lines 2 + 3 + 4)(A)	2,001,951	2,001,951	2,001,951	1,998,051	1,990,251	1,982,451	1,974,651	1,966,851	1,959,051	1,951,251	1,943,451	1,935,651	1,927,851	1,927,851
6		Average Net Investment		2,001,951	2,001,951	2,000,001	1,994,151	1,986,351	1,978,551	1,970,751	1,962,951	1,955,151	1,947,351	1,939,551	1,931,751	
7		Return on Average Net Investment														
	a	Equity Component (Line 6 x Equity Component x 1/12) (D)		9,319	9,319	9,310	9,283	9,246	9,210	9,174	9,138	9,101	9,065	9,029	8,992	110,186
	b	Debt Component (Line 6 x Debt Component x 1/12)		2,326	2,326	2,324	2,317	2,308	2,299	2,290	2,281	2,272	2,263	2,254	2,245	27,505
8		Investment Expenses														
	a	Depreciation (E)		0	0	3,900	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	74,100
	b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
	c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9		Total System Recoverable Expenses (Lines 7 + 8)		11,645	11,645	15,534	19,400	19,355	19,309	19,264	19,218	19,173	19,128	19,082	19,037	211,791
	a	Recoverable Costs Allocated to Energy		896	896	1,195	1,492	1,489	1,485	1,482	1,478	1,475	1,471	1,468	1,464	16,292
	b	Recoverable Costs Allocated to Demand		10,750	10,750	14,339	17,908	17,866	17,824	17,782	17,740	17,698	17,656	17,615	17,573	195,499
10		Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11		Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12		Retail Energy-Related Recoverable Costs (H)		871	872	1,163	1,454	1,451	1,449	1,446	1,442	1,438	1,449	1,431	1,426	15,891
13		Retail Demand-Related Recoverable Costs (I)		10,452	10,452	13,942	17,412	17,372	17,331	17,290	17,249	17,209	17,168	17,127	17,087	190,092
14		Total Jurisdictional Recoverable Costs (Lines 12 + 13)		11,323	11,324	15,105	18,866	18,823	18,780	18,737	18,691	18,647	18,617	18,559	18,512	205,983

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, Mercury Allowance Expenses
For Program: Mercury Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
	a Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
	a FERC 158.1 Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Total Working Capital Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Average Net Working Capital Balance		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Return on Average Net Working Capital Balance														
	a Equity Component (Line 4 x Equity Component x 1/12) (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Debt Component (Line 4 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Total Return Component (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Expenses														
	a Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Mercury Allowance Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Net Expenses (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 6 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
	a Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3P.
 (E) Line 8 is reported on Schedule 2P.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, Annual NOx Expenses
For Project: Annual NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	5,080	4,693	4,394	4,001	3,690	3,582	3,434	3,274	3,115	2,967	2,652	2,390	1,993	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	5,080	4,693	4,394	4,001	3,690	3,582	3,434	3,274	3,115	2,967	2,652	2,390	1,993	
4	Average Net Working Capital Balance		4,886	4,543	4,198	3,846	3,636	3,508	3,354	3,194	3,041	2,809	2,521	2,192	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		23	21	20	18	17	16	16	15	14	13	12	10	194
b	Debt Component (Line 4 x Debt Component x 1/12)		6	5	5	4	4	4	4	4	4	3	3	3	48
6	Total Return Component (D)		28	26	24	22	21	20	20	19	18	16	15	13	243
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Annual NOx Allowance Expense		387	299	392	312	108	148	160	159	148	315	261	398	3,087
8	Net Expenses (E)		387	299	392	312	108	148	160	159	148	315	261	398	3,087
9	Total System Recoverable Expenses (Lines 6 + 8)		416	325	417	334	129	169	179	178	166	331	276	411	3,330
a	Recoverable Costs Allocated to Energy		389	301	394	313	109	150	161	161	150	316	262	399	3,106
b	Recoverable Costs Allocated to Demand		26	24	23	21	20	19	18	17	16	15	14	12	224
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		378	293	384	305	107	146	157	157	146	311	256	388	3,028
13	Retail Demand-Related Recoverable Costs (C)		26	24	22	20	19	18	18	17	16	15	13	11	218
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		404	317	405	325	126	165	175	173	162	326	269	400	3,246

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3P.
 (E) Line 8 is reported on Schedule 2P.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, Seasonal NOx Expenses
For Program: Seasonal NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
	a Purchases/Transfers		0	0	0	0	85,000	0	0	0	0	0	0	0	85,000
	b Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
	a FERC 158.1 Allowance Inventory	162,078	162,078	162,078	162,078	162,078	246,100	244,655	243,023	241,382	239,965	239,965	239,965	239,965	
	b FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Total Working Capital Balance	162,078	162,078	162,078	162,078	162,078	246,100	244,655	243,023	241,382	239,965	239,965	239,965	239,965	
4	Average Net Working Capital Balance	162,078	162,078	162,078	162,078	162,078	204,089	245,377	243,839	242,202	240,674	239,965	239,965	239,965	
5	Return on Average Net Working Capital Balance														
	a Equity Component (Line 4 x Equity Component x 1/12) (A)		754	754	754	754	950	1,142	1,135	1,127	1,120	1,117	1,117	1,117	11,844
	b Debt Component (Line 4 x Debt Component x 1/12)		188	188	188	188	237	285	283	281	280	279	279	279	2,957
6	Total Return Component (D)		943	943	943	943	1,187	1,427	1,418	1,409	1,400	1,396	1,396	1,396	14,801
7	Expenses														
	a Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
	b Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c Seasonal NOx Allowance Expense		0	0	0	0	978	1,445	1,632	1,641	1,417	0	0	0	7,113
8	Net Expenses (E)		0	0	0	0	978	1,445	1,632	1,641	1,417	0	0	0	7,113
9	Total System Recoverable Expenses (Lines 6 + 8)		943	943	943	943	2,166	2,872	3,050	3,050	2,817	1,396	1,396	1,396	21,913
	a Recoverable Costs Allocated to Energy		73	73	73	73	1,070	1,555	1,741	1,749	1,524	107	107	107	8,251
	b Recoverable Costs Allocated to Demand		870	870	870	870	1,096	1,318	1,309	1,301	1,292	1,289	1,289	1,289	13,662
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		70	71	71	71	1,043	1,517	1,700	1,706	1,486	106	105	105	8,049
13	Retail Demand-Related Recoverable Costs (C)		846	846	846	846	1,066	1,281	1,273	1,265	1,257	1,253	1,253	1,253	13,284
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		917	917	917	917	2,108	2,798	2,973	2,971	2,743	1,359	1,358	1,357	21,333

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (B) Line 9a x Line 10 x line loss multiplier
- (C) Line 9b x Line 11.
- (D) Line 6 is reported on Schedule 3P.
- (E) Line 8 is reported on Schedule 2P.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, SO2 Expenses
For Program: SO2 Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	6,291,809	6,290,577	6,289,520	6,288,994	6,288,582	6,287,457	6,285,626	6,284,813	6,283,997	6,283,277	6,282,750	6,282,467	6,281,935	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	FERC 254 Regulatory Liabilities - Gains	(181)	(178)	(174)	(171)	(168)	(164)	(161)	(158)	(155)	(151)	(148)	(145)	(142)	
3	Total Working Capital Balance	6,291,628	6,290,400	6,289,345	6,288,823	6,288,415	6,287,293	6,285,465	6,284,655	6,283,843	6,283,125	6,282,602	6,282,322	6,281,794	
4	Average Net Working Capital Balance		6,291,014	6,289,873	6,289,084	6,288,619	6,287,854	6,286,379	6,285,060	6,284,249	6,283,484	6,282,864	6,282,462	6,282,058	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		29,285	29,279	29,276	29,274	29,270	29,263	29,257	29,253	29,250	29,247	29,245	29,243	351,141
b	Debt Component (Line 4 x Debt Component x 1/12)		7,310	7,309	7,308	7,307	7,306	7,305	7,303	7,302	7,301	7,301	7,300	7,300	87,653
6	Total Return Component (D)		36,595	36,588	36,584	36,581	36,576	36,568	36,560	36,555	36,551	36,547	36,545	36,543	438,794
7	Expenses														
a	Gains		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(39)
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	SO2 Allowance Expense		1,232	1,058	526	411	1,125	1,831	813	815	720	526	284	531	9,874
8	Net Expenses (E)		1,228	1,054	523	408	1,122	1,828	810	812	717	523	281	528	9,834
9	Total System Recoverable Expenses (Lines 6 + 8)		37,823	37,642	37,106	36,989	37,698	38,396	37,370	37,368	37,268	37,071	36,826	37,071	448,628
a	Recoverable Costs Allocated to Energy		4,043	3,869	3,337	3,222	3,935	4,641	3,622	3,624	3,529	3,335	3,092	3,339	43,588
b	Recoverable Costs Allocated to Demand		33,780	33,774	33,769	33,767	33,763	33,755	33,748	33,744	33,739	33,736	33,734	33,732	405,040
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		3,929	3,765	3,247	3,139	3,836	4,528	3,536	3,535	3,441	3,283	3,015	3,251	42,503
13	Retail Demand-Related Recoverable Costs (C)		32,846	32,840	32,836	32,833	32,829	32,821	32,814	32,810	32,806	32,803	32,801	32,799	393,838
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		36,775	36,604	36,082	35,972	36,665	37,349	36,350	36,345	36,247	36,086	35,816	36,049	436,341

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3P.
 (E) Line 8 is reported on Schedule 2P.

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)

Calculation of the Projected Period Amount

January 2020 - December 2020

Return on Working Capital, Amortization Expense

For Program: Regulatory Asset Smith Units 1 & 2

For Retired P.E.s 1413, 1440, 1441, 1442, 1444, 1454, 1459, 1460, 1461, 1462, 1468, 1469, 1647, 1620, 1638

(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Regulatory Asset Balance 182.2 (B)	18,498,355	18,498,355	18,379,776	18,261,197	18,142,617	18,024,038	17,905,459	17,786,880	17,668,301	17,549,721	17,431,142	17,312,563	17,193,984	
2	Less Amortization (C)	0	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	
3	Net Regulatory Asset Balance (Lines 1 + 2) (A)	18,498,355	18,379,776	18,261,197	18,142,617	18,024,038	17,905,459	17,786,880	17,668,301	17,549,721	17,431,142	17,312,563	17,193,984	17,075,405	
4	Average Regulatory Asset Balance		18,439,065	18,320,486	18,201,907	18,083,328	17,964,749	17,846,169	17,727,590	17,609,011	17,490,432	17,371,853	17,253,273	17,134,694	
5	Return on Average Regulatory Asset Balance														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		85,834	85,282	84,730	84,178	83,626	83,074	82,522	81,970	81,418	80,866	80,314	79,762	993,575
b	Debt Component (Line 6 x Debt Component x 1/12)		21,426	21,288	21,151	21,013	20,875	20,737	20,599	20,462	20,324	20,186	20,048	19,911	248,020
6	Amortization Expense														
a	Amortization (E)		118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	1,422,950
b	Other (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Total System Recoverable Expenses (Lines 5 + 6)		225,839	225,149	224,460	223,770	223,080	222,390	221,701	221,011	220,321	219,631	218,941	218,252	2,664,546
a	Recoverable Costs Allocated to Energy		17,372	17,319	17,266	17,213	17,160	17,107	17,054	17,001	16,948	16,895	16,842	16,789	204,965
b	Recoverable Costs Allocated to Demand		208,467	207,830	207,194	206,557	205,920	205,283	204,647	204,010	203,373	202,737	202,100	201,463	2,459,581
8	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
9	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
10	Retail Energy-Related Recoverable Costs (G)		16,882	16,853	16,800	16,766	16,727	16,690	16,646	16,581	16,525	16,463	16,423	16,344	199,871
11	Retail Demand-Related Recoverable Costs (H)		202,701	202,082	201,463	200,844	200,225	199,606	198,987	198,368	197,749	197,129	196,510	195,891	2,391,555
12	Total Jurisdictional Recoverable Costs (Lines 10 + 11)		219,584	218,935	218,263	217,610	216,952	216,296	215,633	214,949	214,274	213,763	212,934	212,235	2,591,427

Notes:

- (A) End of period Regulatory Asset Balance.
- (B) Beginning of period Regulatory Asset Balance.
- (C) Regulatory Asset has a 15 year amortization period.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Regulatory Asset has a 15 year amortization period.
- (F) Description and reason for "Other" adjustments to regulatory asset.
- (G) Line 7a x Line 8 x line loss multiplier
- (H) Line 7b x Line 9.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2020 - December 2020

Rate Class	(A) Average 12 CP Load Factor at Meter (%)	(B) Jan - Dec. 2020 Projected Sales at Meter (kWh)	(C) Projected Avg 12 CP at Meter (kW)	(D) Demand Loss Expansion Factor	(E) Energy Loss Expansion Factor	(F) Projected Sales at Generation (kWh)	(G) Projected Avg 12 CP at Generation (kW)	(H) Percentage of kWh Sales at Generation (%)	(I) Percentage of 12 CP Demand at Generation (%)
RS, RSV, RSTOU	58.270328%	5,468,715,000	1,068,429	1.00609343	1.00559591	5,499,317,437	1,074,939	50.22062%	57.87766%
GS	57.224449%	302,467,000	60,173	1.00608241	1.00559477	304,159,233	60,539	2.77762%	3.25960%
GSD, GSDT, GSTOU	74.102156%	2,428,641,000	373,113	1.00590017	1.00544671	2,441,869,103	375,314	22.29953%	20.20795%
LP, LPT	85.094449%	879,247,000	117,630	0.98747379	0.99210885	872,308,730	116,156	7.96606%	6.25418%
PX, PXT, RTP, SBS	84.969637%	1,720,313,000	230,490	0.96884429	0.97666479	1,680,169,135	223,309	15.34356%	12.02355%
OS-I/II	767.743332%	104,803,000	1,554	1.00619545	1.00560119	105,390,022	1,564	0.96244%	0.08419%
OS-III	98.645916%	46,843,000	5,406	1.00617773	1.00558881	47,104,797	5,439	0.43017%	0.29287%
TOTAL		<u>10,951,029,000</u>	<u>1,856,794</u>			<u>10,950,318,457</u>	<u>1,857,260</u>	<u>100.00000%</u>	<u>100.00000%</u>

Notes:

- (A) Average 12 CP load factor based on actual 2018 load research data
 (B) Projected kWh sales for the period January 2020 - December 2020
 (C) Calculated: (Col 2) / (8,784 x Col 1), (8,784 hours = the # of hours in 1 year)
 (F) Column B x Column E
 (G) Column C x Column D
 (H) Column F / total for Column F
 (I) Column I / total for Column I

Schedule 7P

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2020 - December 2020

Rate Class	(A) Percentage of kWh Sales at Generation (%)	(B) Percentage of 12 CP Demand at Generation (%)	(C) Energy- Related Costs	(D) Demand- Related Costs	(E) Total Environmental Costs	(F) Projected Sales at Meter (kWh)	(G) Environmental Cost Recovery Factors (¢/kWh)
RS, RSVP, RSTOU	50.22062%	57.87766%	15,419,636	88,347,362	103,766,998	5,468,715,000	1.897
GS	2.77762%	3.25960%	852,835	4,975,617	5,828,452	302,467,000	1.927
GSD, GSDT, GSTOU	22.29953%	20.20795%	6,846,802	30,846,428	37,693,230	2,428,641,000	1.552
LP, LPT	7.96606%	6.25418%	2,445,883	9,546,694	11,992,577	879,247,000	1.364
PX, PXT, RTP, SBS	15.34356%	12.02355%	4,711,056	18,353,350	23,064,406	1,720,313,000	1.341
OS-I/II	0.96244%	0.08419%	295,506	128,512	424,018	104,803,000	0.405
OS-III	0.43017%	0.29287%	132,079	447,051	579,130	46,843,000	1.236
TOTAL	<u>100.000000%</u>	<u>100.000000%</u>	<u>\$30,703,797</u>	<u>\$152,645,014</u>	<u>183,348,811</u>	<u>10,951,029,000</u>	<u>1.674</u>

Notes:

- (A) From Schedule 6P, Col H
- (B) From Schedule 6P, Col I
- (C) Column A x Total Energy \$ from Schedule 1P, line 5
- (D) Column B x Total Demand \$ from Schedule 1P, line 5
- (E) Column C + Column D
- (F) Projected kWh sales for the period January 2020 - December 2020
- (G) Column E x 100 / Column F

Schedule 8P
Page 1 of 1

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020

FPSC Capital Structure and Cost Rates

Line	Capital Component	(1) Jurisdictional Amount (\$000s)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %	(5) Revenue Requirement Rate %	(6) Monthly Revenue Requirement Rate %
1	Bonds	894,848	34.5417	3.91	1.3519	1.3519	
2	Short-Term Debt	20,976	0.8097	2.96	0.0240	0.0240	
3	Preferred Stock	0	0.0000	0.00	0.0000	0.0000	
4	Common Stock	1,053,681	40.6728	10.25	4.1690	5.5844	
5	Customer Deposits	22,119	0.8538	2.08	0.0178	0.0178	
6	Deferred Taxes	598,399	23.0986				
7	Investment Tax Credit	<u>608</u>	<u>0.0235</u>	7.34	0.0017	<u>0.0021</u>	
8	Total	<u>2,590,631</u>	<u>100.0000</u>		<u>5.5644</u>	<u>6.9802</u>	<u>0.5817</u>
<u>ITC Component:</u>							
9	Debt	894,848	45.9243	3.91	1.7974	0.0004	
10	Equity-Preferred	0	0.0000	0.00	0.0000	0.0000	
11	-Common	<u>1,053,681</u>	<u>54.0757</u>	10.25	<u>5.5428</u>	<u>0.0017</u>	
12		<u>1,948,530</u>	<u>100.0000</u>		<u>7.3402</u>	<u>0.0021</u>	
<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>							
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.3941	0.1162
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.5861</u>	0.4655
15	Total Revenue Requirement Rate of Return					<u>6.9802</u>	<u>0.5817</u>

Column:

- (1) Based on the Revised May 2019 Surveillance Report, Schedule 4
Adjusted to achieve the 53.5% equity ratio as prescribed in the 2018 Tax Reform Settlement Agreement in Docket No. 20180039-EI.
- (2) Column (1) / Total Column (1)
- (3) Based on the Revised May 2019 Surveillance Report, Schedule 4.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.345% = effective income tax rate
For debt components: Column (4)
- (6) Column (5) / 12

Schedule 1E
REVISED 8/30/19

Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

<u>Line</u> <u>No.</u>		<u>Period</u> <u>Amount</u> <u>(\$)</u>
1	Over/(Under) Recovery for the Current Period (Schedule 2E, Line 5 + 9)	4,395,509
2	Interest Provision (Schedule 2E, Line 6)	<u>214,058</u>
3	Current Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2020 - December 2020 (Lines 1 + 2)	<u>4,609,567</u>

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 24
PARTY: GULF POWER COMPANY (GULF) – (DIRECT)
DESCRIPTION: C. Shane Boyett CSB-4

Schedule 2E
REVISED 8/30/19

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)

January 2019 - December 2019
Calculation of the Current Period Estimated True-Up Amount
Current Period True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Amount
1 ECRC Revenues (Net of Revenue Taxes)	13,657,836	10,323,250	11,590,808	11,609,091	15,888,312	17,551,003	18,832,691	18,663,610	16,000,871	13,522,217	11,651,587	13,173,398	172,464,676
2 True-Up Provision (Order No. PSC-2018-0594-FOF-EI)	1,051,379	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	12,616,603
3 ECRC Revenues Applicable to Period (Lines 1 + 2)	14,709,215	11,374,634	12,642,192	12,660,475	16,939,696	18,602,387	19,884,075	19,714,994	17,052,255	14,573,601	12,702,971	14,224,782	185,081,279
4 Jurisdictional ECRC Costs													
a O & M Activities (Schedule 5E, Line 9)	3,049,120	1,766,665	2,466,911	1,741,240	2,502,734	2,154,447	2,648,882	2,670,548	2,890,913	2,729,407	2,483,090	2,741,300	29,845,258
b Capital Investment Programs (Schedule 7E, Line 9)	12,457,436	12,459,241	12,496,274	12,531,591	12,530,598	12,533,640	12,606,687	12,621,316	12,634,432	12,647,062	12,654,597	12,667,637	150,840,511
c Total Jurisdictional ECRC Costs	15,506,556	14,225,906	14,963,185	14,272,831	15,033,332	14,688,088	15,255,570	15,291,864	15,525,345	15,376,470	15,137,687	15,408,938	180,685,769
5 Over/(Under) Recovery (Line 3 - Line 4c)	(797,341)	(2,851,271)	(2,320,992)	(1,612,356)	1,906,364	3,914,299	4,628,506	4,423,130	1,526,910	(802,869)	(2,434,716)	(1,184,155)	4,395,509
6 Interest Provision (Schedule 3E, Line 10)	27,353	21,566	14,519	8,431	6,475	9,992	16,083	22,830	26,592	25,311	20,199	14,708	214,058
7 Beginning Balance True-Up & Interest Provision													
a Actual Total for True-Up Period 2018	11,333,073	9,511,706	5,630,617	2,272,760	(382,550)	478,905	3,351,812	6,945,017	10,339,593	10,841,711	9,012,770	5,546,869	11,333,073
b Final True-Up from January 2017 - December 2017 (Order No. PSC-2018-0594-FOF-EI)	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666
8 True-Up Collected/(Refunded) (see Line 2)	(1,051,379)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(12,616,603)
9 Adjustments													0.00
10 End of Period Total True-Up (Lines 5 + 6 + 7a + 7b + 8 + 9)	12,691,372	8,810,283	5,452,426	2,797,116	3,658,571	6,531,478	10,124,683	13,519,259	14,021,377	12,192,436	8,726,535	6,505,703	6,505,703

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Interest Provision
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Amount
1 Beg. True-Up Amount (Schedule 2E, Lines 7a + 7b)	14,512,739	12,691,372	8,810,283	5,452,426	2,797,116	3,658,571	6,531,478	10,124,683	13,519,259	14,021,377	12,192,436	8,726,535	
2 Ending True-Up Amount Before Interest (Line 1 + Schedule 2E, Lines 5 + 8)	12,664,019	8,788,717	5,437,907	2,788,686	3,652,096	6,521,487	10,108,600	13,496,429	13,994,785	12,167,124	8,706,336	6,490,995	
3 Total of Beginning & Ending True-up (Lines 1 + 2)	27,176,758	21,480,090	14,248,190	8,241,112	6,449,213	10,180,058	16,640,078	23,621,111	27,514,043	26,188,501	20,898,771	15,217,530	
4 Average True-Up Amount (Line 3 x 1/2)	13,588,379	10,740,045	7,124,095	4,120,556	3,224,606	5,090,029	8,320,039	11,810,556	13,757,022	13,094,251	10,449,386	7,608,765	
5 Interest Rate (First Day of Reporting Business Month)	0.02420	0.02410	0.02410	0.02480	0.02430	0.02390	0.0232	0.0232	0.0232	0.0232	0.0232	0.0232	
6 Interest Rate (First Day of Subsequent Business Month)	0.02410	0.02410	0.02480	0.02430	0.02390	0.02320	0.0232	0.0232	0.0232	0.0232	0.0232	0.0232	
7 Total of Beginning and Ending Interest Rates (Line 5 + Line 6)	0.04830	0.04820	0.04890	0.04910	0.04820	0.04710	0.0464	0.0464	0.0464	0.0464	0.0464	0.0464	
8 Average Interest Rate (Line 7 x 1/2)	0.02415	0.02410	0.02445	0.02455	0.02410	0.02355	0.02320	0.02320	0.02320	0.02320	0.02320	0.02320	
9 Monthly Average Interest Rate (Line 8 x 1/12)	0.00201	0.00201	0.00204	0.00205	0.00201	0.00196	0.00193	0.00193	0.00193	0.00193	0.00193	0.00193	
10 Interest Provision for the Month (Line 4 x Line 9)	27,353	21,566	14,519	8,431	6,475	9,992	16,083	22,830	26,592	25,311	20,199	14,708	214,058

Schedule 6E
REVISED 8/30/19

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Variance Report of Capital Investment Programs - Recoverable Costs
(in Dollars)

<u>Line</u>		(1) Estimated/ <u>Actual</u>	(2) Original <u>Projection</u>	(3) Variance <u>Amount</u>	(4) <u>Percent</u>	
1	Description of Investment Programs					
.1	Air Quality Assurance Testing	8,580	7,934	647	8.1	%
.2	Crist 5, 6 & 7 Precipitator Projects	3,795,341	3,783,969	11,372	0.3	%
.3	Crist 7 Flue Gas Conditioning	104,173	103,687	486	0.5	%
.4	Low NOx Burners, Crist 6 & 7	1,775,432	1,769,988	5,444	0.3	%
.5	CEMS - Plants Crist, & Daniel	541,160	550,201	(9,040)	(1.6)	%
.6	Substation Contamination Remediation	404,563	455,346	(50,784)	(11.2)	%
.7	Raw Water Well Flowmeters - Plants Crist & Smith	13,029	12,997	33	0.3	%
.8	Crist Cooling Tower Cell	36,958	36,786	172	0.5	%
.9	Crist Dechlorination System	24,064	24,024	41	0.2	%
.10	Crist Diesel Fuel Oil Remediation	3,889	3,884	5	0.1	%
.11	Crist Bulk Tanker Unload Sec Contain Struc	5,087	5,083	5	0.1	%
.12	Crist IWW Sampling System	2,962	2,960	3	0.1	%
.13	Sodium Injection System	21,651	21,603	48	0.2	%
.14	Smith Stormwater Collection System	173,994	173,796	198	0.1	%
.15	Smith Waste Water Treatment Facility	61,937	69,434	(7,497)	(10.8)	%
.16	Daniel Ash Management Project	1,290,678	1,297,351	(6,673)	(0.5)	%
.17	Smith Water Conservation	2,336,383	2,552,502	(216,119)	(8.5)	%
.18	Underground Fuel Tank Replacement	0	0	0	0.0	%
.19	Crist FDEP Agreement for Ozone Attainment	10,740,522	10,747,440	(6,918)	(0.1)	%
.20	SPCC Compliance	76,309	76,138	171	0.2	%
.21	Crist Common FTIR Monitor	4,547	4,537	9	0.2	%
.22	Precipitator Upgrades for CAM Compliance	1,141,421	1,138,727	2,693	0.2	%
.23	Plant Groundwater Contamination	0	0	0	0.0	%
.24	Crist Water Conservation	1,781,076	1,792,231	(11,156)	(0.6)	%
.25	Plant NPDES Permit Compliance Projects	795,347	560,503	234,844	41.9	%
.26	Air Quality Compliance Program	126,248,473	126,094,451	154,023	0.1	%
.27	General Water Quality	102,109	109,051	(6,942)	(6.4)	%
.28	Coal Combustion Residual	3,946,021	4,652,479	(706,457)	(15.2)	%
.29	Steam Electric Effluent Limitations Guidelines	604,581	615,793	(11,212)	(1.8)	%
.30	316(b) Cooling Water Intake Structure Regulation	31,884	56,189	(24,305)	(43.3)	%
.31	Mercury Allowances	0	0	0	0.0	%
.32	Annual NOx Allowances	445	350	96	27.4	%
.33	Seasonal NOx Allowances	4,595	428	4,167	974.2	%
.34	SO2 Allowances	438,188	434,365	3,822	0.9	%
.35	Regulatory Asset Smith Units 1 & 2	2,757,534	2,751,425	6,109	0.2	%
.36	Scherer/Flint Credit - Energy	(314,942)	(311,360)	(3,582)	(1.2)	%
.37	Scherer/Flint Credit - Demand	(3,779,299)	(3,736,320)	(42,979)	(1.2)	%
2	Total Investment Programs - Recoverable Costs	<u>155,178,694</u>	<u>155,857,972</u>	<u>(679,278)</u>	(0.4)	%
3	Recoverable Costs Allocated to Energy	11,936,823	11,989,075	(52,252)	(0.4)	%
4	Recoverable Costs Allocated to Demand	143,241,872	143,868,898	(627,026)	(0.4)	%

Notes:

Column (1) is the End of Period Totals on Schedule 7E

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019

Capital Investment Programs - Recoverable Costs
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification Demand	Energy
1 Description of Investment Programs (A)															
.1 Air Quality Assurance Testing	0	0	0	0	242	484	488	1,485	1,479	1,473	1,467	1,462	8,580	7,920	660
.2 Crist 5, 6 & 7 Precipitator Projects	318,853	318,213	317,572	316,932	316,291	315,651	316,921	316,274	315,628	314,981	314,335	313,688	3,795,341	3,503,392	291,949
.3 Crist 7 Flue Gas Conditioning	8,641	8,641	8,641	8,641	8,641	8,641	8,722	8,722	8,722	8,722	8,722	8,722	104,173	96,160	8,013
.4 Low NOx Burners, Crist 6 & 7	148,946	148,680	148,414	148,148	147,881	147,615	148,297	148,028	147,759	147,490	147,222	146,953	1,775,432	1,638,861	136,572
.5 CEMS - Plants Crist & Daniel	45,430	45,343	45,257	45,170	45,084	45,004	45,197	45,110	45,023	44,935	44,848	44,760	541,160	499,533	41,628
.6 Substation Contamination Remediation	28,145	29,427	30,483	31,080	31,310	31,540	32,011	35,196	38,413	38,634	38,826	39,499	404,563	373,442	31,120
.7 Raw Water Well Flowmeters - Plants Crist & Smith	1,099	1,096	1,093	1,090	1,087	1,084	1,081	1,084	1,081	1,078	1,076	1,073	13,029	12,027	1,002
.8 Crist Cooling Tower Cell	3,065	3,065	3,065	3,065	3,065	3,065	3,094	3,094	3,094	3,094	3,094	3,094	36,958	34,115	2,843
.9 Crist Deschlorination System	2,042	2,035	2,027	2,020	2,013	2,006	1,998	1,991	1,984	1,976	1,969	1,962	24,064	22,213	1,851
.10 Crist Diesel Fuel Oil Remediation	331	330	328	327	326	324	324	323	321	320	319	317	3,889	3,590	299
.11 Crist Bulk Tanker Unloading Secondary Containment	434	432	430	428	426	425	423	421	420	418	416	414	5,087	4,696	391
.12 Crist IWW Sampling System	253	252	251	249	248	247	247	245	244	243	242	241	2,962	2,734	228
.13 Sodium Injection System	1,830	1,825	1,819	1,814	1,808	1,803	1,806	1,800	1,795	1,789	1,784	1,778	21,651	19,985	1,665
.14 Smith Stormwater Collection System	14,825	14,763	14,700	14,638	14,576	14,514	14,452	14,390	14,328	14,266	14,204	14,142	173,994	160,610	13,384
.15 Smith Waste Water Treatment Facility	3,921	4,546	5,172	5,172	5,166	5,162	5,162	5,162	5,162	5,162	5,162	5,162	61,937	57,173	4,764
.16 Daniel Ash Management Project	108,519	108,304	108,088	107,873	107,657	107,442	107,226	107,010	106,794	106,578	106,362	106,146	1,290,678	1,191,395	99,283
.17 Smith Water Conservation	184,305	184,362	191,186	196,358	195,661	195,106	195,904	195,974	196,313	197,425	199,516	203,672	2,336,383	2,156,661	179,722
.18 Underground Fuel Tank Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.19 Crist FDEP Agreement for Ozone Attainment	902,730	900,983	899,728	897,600	894,979	893,554	896,693	894,338	891,982	890,564	889,585	887,786	10,740,522	9,914,328	826,194
.20 SPC Compliance	6,448	6,429	6,410	6,392	6,373	6,354	6,364	6,345	6,327	6,308	6,289	6,270	76,309	70,439	5,870
.21 Crist Common FTIR Monitor	385	384	382	381	380	379	378	378	377	375	374	373	4,547	4,197	350
.22 Precipitator Upgrades for CAM Compliance	96,358	96,092	95,826	95,559	95,293	95,027	95,216	94,947	94,679	94,410	94,141	93,872	1,141,421	1,053,619	87,802
.23 Plant Groundwater Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.24 Crist Water Conservation	149,277	149,003	148,728	148,454	148,180	147,906	148,632	148,358	148,084	147,810	147,536	147,262	1,781,076	1,644,070	137,006
.25 Plant NPDES Permit Compliance Projects	50,625	53,778	55,961	60,022	62,516	61,795	69,430	76,653	76,448	76,244	76,040	75,836	795,347	734,166	61,181
.26 Air Quality Compliance Program	10,592,584	10,570,683	10,551,918	10,540,562	10,525,406	10,502,785	10,539,157	10,521,284	10,504,316	10,486,033	10,467,073	10,448,673	126,248,473	116,537,052	9,711,421
.27 General Water Quality	7,471	7,453	7,435	7,423	7,407	7,395	7,383	7,371	7,359	7,347	7,335	7,323	102,109	94,254	7,855
.28 Coal Combustion Residuals	150,755	171,986	222,750	265,919	288,445	321,175	347,328	372,738	404,414	437,926	465,834	496,749	3,946,021	3,642,481	303,540
.29 Steam Electric Effluent Limitations Guidelines	50,153	50,045	49,938	49,830	49,723	49,615	49,796	50,017	50,458	51,118	51,669	52,219	604,581	558,074	46,506
.30 316(B) Intake Structure Regulation	0	0	0	0	18	39	277	1,244	3,648	6,738	9,082	10,840	31,884	29,432	2,453
.31 Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
.32 Annual NOx Allowances	40	40	39	38	38	38	38	37	36	35	33	31	445	411	34
.33 Seasonal NOx Allowances	47	47	47	47	47	47	42	494	947	943	943	943	4,595	4,242	353
.34 SO2 Allowances	36,389	36,389	36,389	36,376	36,376	36,376	36,704	36,678	36,654	36,634	36,620	36,606	438,188	404,481	33,707
.35 Regulatory Asset Smith Units 1 & 2	233,044	232,361	231,677	230,994	230,311	229,627	229,978	229,288	228,598	227,909	227,219	226,529	2,757,534	2,545,416	212,118
.36 Scherer/Flint Credit - Energy	(25,374)	(25,381)	(25,428)	(25,545)	(25,898)	(26,236)	(26,491)	(26,592)	(26,760)	(26,932)	(27,089)	(27,215)	(314,942)	0	(314,942)
.37 Scherer/Flint Credit - Demand	(304,492)	(304,569)	(305,138)	(306,538)	(310,779)	(314,832)	(317,888)	(319,110)	(321,121)	(323,182)	(325,071)	(326,581)	(3,779,299)	(3,779,299)	0
2 Total Investment Programs - Recoverable Costs	12,817,080	12,817,657	12,855,609	12,891,250	12,890,924	12,891,827	12,968,068	12,982,974	12,997,119	13,010,574	13,020,622	13,035,010	155,178,694	143,241,872	11,936,823
3 Recoverable Costs Allocated to Energy	985,929	985,972	988,893	991,635	991,610	991,679	997,544	998,690	999,778	1,000,813	1,001,586	1,002,693	11,936,823	11,936,823	353
4 Recoverable Costs Allocated to Demand	11,831,150	11,831,665	11,866,716	11,899,615	11,899,315	11,900,148	11,970,525	11,984,284	11,997,340	12,009,760	12,019,036	12,032,317	143,241,872	143,241,872	33,707
5 Retail Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.974563	0.9705171	11,634,092	11,634,092	337
6 Retail Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	139,206,419	139,206,419	337
7 Jurisdictional Energy Recoverable Costs (B)	959,596	960,900.68	963,871	967,215	966,514	968,747	973,400	974,656	975,084	975,645	974,165	974,299	11,634,092	11,634,092	337
8 Jurisdictional Demand Recoverable Costs (C)	11,497,840	11,498,340	11,532,403	11,564,376	11,564,084	11,564,894	11,633,287	11,646,659	11,659,348	11,671,418	11,680,432	11,693,339	139,206,419	139,206,419	337
9 Total Jurisdictional Recoverable Costs for Investment Programs (Lines 7 + 8)	12,457,436	12,459,241	12,496,274	12,531,591	12,530,598	12,533,640	12,606,687	12,631,316	12,634,432	12,647,062	12,654,597	12,667,637	150,840,511	150,840,511	337

Notes:

(A) Pages 1-30 of Schedule 4P, Line 9, Pages 31-34 of Schedule 4P, Line 6, Page 35, Line 7, Schedule 9P, Line 11 - Line 10 x 24%.

(B) Line 3 x Line 5 x Line loss multiplier

(C) Line 4 x Line 6

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Gulf Power Company
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January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Air Quality Assurance Testing

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

This line item includes the audit test trailer and associated support equipment used to conduct Relative Accuracy Test Audits (RATAs) on the Continuous Emission Monitoring Systems (CEMS) as required by the 1990 Clean Air Act Amendments (CAAA).

Accomplishments:

The RATA test trailer was replaced during the 2010 recovery period and the analyzers are being replaced in 2019. These replacements provide Gulf with the accuracy and reliability needed to accurately measure SO₂, NO_x, and CO₂ and to further maintain compliance with CAAA requirements.

Project-to-Date: Plant-in-service of \$83,954 projected at December of 2020.

Progress Summary: See Accomplishmnets.

Projections: N/A

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 25
PARTY: GULF POWER COMPANY (GULF) – (DIRECT)
DESCRIPTION: Richard M. Markey RMM-1

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist 5, 6 & 7 Precipitator Projects

FPSC Approval: Order No. PSC-94-0044-FOF-EI
Order No. PSC-09-0759-FOF-EI

Description:

The Plant Crist precipitator projects are necessary to improve particulate removal capabilities. The larger more efficient precipitators with increased collection areas improve particulate collection efficiency.

Accomplishments:

The precipitators have successfully reduced particulate emissions. The upgraded Crist Unit 7 precipitator was placed in service during 2004 as part of the FDEP agreement. The Plant Crist Unit 6 precipitator upgrade was placed in service in April 2012. The digital control system for the Unit 6 precipitator was upgraded during 2015.

Project-to-Date: Plant-in-service of \$33,677,323 projected at December 2020.

Progress Summary: In Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist 7 Flue Gas Conditioning

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

This project included the injection of sulfur trioxide into the flue gas to enhance particulate removal and improve the collection characteristics of fly ash. Retirement of the Plant Crist Unit 7 flue gas conditioning system was completed during July 2005.

Accomplishments:

The system enhanced particulate removal in the precipitator.

Project-to-Date: \$0

Progress Summary: Retired

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Low NO_x Burners, Crist 6 & 7

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

Low NO_x burners are unique burners installed to decrease the NO_x emissions that are formed during the combustion process. This equipment was installed to meet the requirements of the 1990 Clean Air Act Amendments.

Accomplishments:

The Low NO_x burner systems have proven effective in reducing NO_x emissions. The low NO_x burners on Crist Unit 7 were replaced during the 2003-2004 time frame and the Crist Unit 6 burners were replaced during December 2005. The digital control systems for the Unit 6 and Unit 7 Low NO_x burners were upgraded during 2015. The Crist Unit 7 band gas canes on the Low NO_x burners were upgraded with new retractable gas gun burning technology during 2016. Additional gas gun upgrades were installed in 2018.

Project-to-Date: Plant-in-service of \$13,626,493 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: CEMs – Plant Crist and Daniel

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Continuous Emission Monitoring (CEM) line item includes dilution extraction emission monitors that measure the concentrations of sulfur dioxide (SO₂), carbon dioxide (CO₂) and nitrogen oxides (NO_x) in the flue gas. Opacity and flow monitors were also installed under this line item. All CEMs monitors were installed pursuant to the 1990 Clean Air Act Amendments (CAAA).

Accomplishments:

The systems at both Gulf and Mississippi Power continue to successfully exceed routine quality assurance/quality control (QA/QC) audits as required by the 1990 CAAA.

Project-to-Date: Plant-in-service of \$4,696,340 projected at December 2020.

Progress Summary:

The Plant Daniel Units 1 & 2 gas analyzers were replaced during 2005 and the flow monitors were replaced during 2007. During the 2009 recovery period, the CEMS project included replacement of opacity monitors at Plant Crist on Units 4 through 7 and the installation of CEMs equipment for the new Plant Crist scrubber stack to monitor SO₂, NO_x, CO₂ and flow. Plant Crist completed the installation of two CEMS bypass monitoring systems for Units 4 through 7 in the 2011-2012 timeframe. In 2017, Plant Crist replaced the Unit 7 flue gas monitors.

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Substation Contamination Remediation

FPSC Approval: Order No. PSC-95-1051-FOF-EI

Description:

Three groundwater treatment systems were purchased for the treatment of contaminated groundwater at substation sites. Capital components of substation soil remediation projects are also included in the line.

Accomplishments:

Systems have proven effective in groundwater remediation. During 2014, additional groundwater recovery well pumps and controls were added to the existing Ft. Walton substation treatment system.

Project-to-Date: Plant-in-service of \$5,135,893 projected at December 2020.

Progress Summary: During 2019, Gulf is completing replacement of the groundwater remediation equipment at the Fort Walton substation and anticipates completing construction of the Wewa substation remediation system.

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Raw Water Flowmeters - Plants Crist and Smith

FPSC Approval: Order No. PSC-96-1171-FOF-EI

Description:

The Raw Water Flow Meters capital project was necessary for Gulf to comply with the Plant Crist and Plant Smith Consumptive Use and Individual Water Use permits issued by the Northwest Florida Water Management District (NFWFMD). These permits require the installation and monitoring of in-line totaling water flow meters on all existing and future water supply wells. Gulf incurred costs related to the installation and operation of new in-line totaling water flow meters at Plant Crist and Plant Smith for implementation of this new activity.

Accomplishments:

The raw water flow meters have been installed at Plant Crist and Plant Smith.

Project-to-Date: Plant-in-service of \$149,950 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
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January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Cooling Tower Cell

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Crist Cooling Tower is a pollution control device which allows condenser cooling water to be continually reinjected into the condenser. The cooling tower reduces water discharge temperatures to meet the National Pollution Discharge Elimination System (NPDES) industrial wastewater permit requirements.

Accomplishments:

Plant Crist has maintained compliance with the temperature discharge limits as required by the facility's NPDES Permit. The original cooling tower cell was retired during July 2007 when the new Crist Unit 7 cooling tower was placed-in-service in June 2007 as part of the Crist scrubber project that is reflected in Air Quality Compliance Program.

Project-to-Date: \$0

Progress Summary: Retired

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Dechlorination System

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

National Pollutant Discharge Elimination System wastewater permits require reductions in chlorine concentrations prior to discharge from the plant. The Crist dechlorination system uses sodium bisulfite to chemically eliminate the residual chlorine present in the plant industrial wastewater prior to discharge.

Accomplishments:

During 2011-2012 Plant Crist replaced the existing sodium bisulfate storage tank and installed a new dechlorination system for the Unit 6 and Unit 7 cooling tower blowdowns and the ECUA return water pit. These systems are necessary in order to dechlorinate the industrial wastewater prior to discharge. The system has been effective in maintaining chlorine discharge limits.

Project-to-Date: Plant-in-service of \$380,697 projected at December 2020.

Progress Summary: In service

Projections: N/A

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Gulf Power Company
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January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Diesel Fuel Oil Remediation

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The Plant Crist diesel fuel oil remediation project included installing monitoring wells in the vicinity of the Crist diesel tank systems. The project also included the installation of an impervious cap to reduce migration of contaminants to groundwater.

Accomplishments: Monitoring wells and an impervious cap were installed.

Project-to-Date: Plant-in-service of \$68,923 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Bulk Tanker Unloading Secondary Containment

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The Crist Bulk Tanker Unloading Secondary Containment project was necessary to minimize the potential risk of an uncontrolled discharge of pollutants into the waters of the United States. Secondary containment was required to be installed for tank unloading racks pursuant to the Federal Spill Prevention Control and Countermeasures (SPCC) regulation (40 CFR Part 112).

Accomplishments:

The Plant Crist unloading area secondary containment area complies with current SPCC regulatory requirements.

Project-to-Date: Plant-in-service of \$101,495 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist IWW Sampling System

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The 1993 revision to Plant Crist's National Pollutant Discharge Elimination System (NPDES) industrial wastewater permit moved the compliance point from the end of the discharge canal to a point upstream of Thompson's Bayou. To allow for this sample point modification, an access dock was constructed in the discharge canal. The Crist Industrial Wastewater (IWW) project also included a small building for monitoring and sampling equipment.

Accomplishments:

The dock is complete and samples are being collected at the required compliance point.

Project-to-Date: Plant-in-service of \$59,543 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Sodium Injection System

FPSC Approval: Order No. PSC-99-1954-FOF-EI

Description:

The Sodium Injection System line item includes silo storage systems and associated components that inject sodium carbonate directly onto the coal feeder belt to enhance precipitator performance when burning low sulfur coal. Sodium injection was used at Plant Smith on Units 1 and 2 and is used at Plant Crist on Units 4 and 5 as needed. The injection of sodium carbonate as an additive to low sulfur coal reduces opacity levels to maintain compliance with the Clean Air Act provisions.

Accomplishments:

The silo storage and injection system components at Plant Crist have been installed and the system is fully operational. The Smith system was retired in April 2016 after the coal units ceased operations.

Project-to-Date: Plant-in-service of \$284,622 projected at December 2020.

Progress Summary: In Service

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Smith Stormwater Collection System

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The National Pollutant Discharge Elimination System (NPDES) stormwater program requires industrial facilities to install stormwater management systems in order to prevent the discharge of impacted stormwater to the surface waters of the United States.

Accomplishments:

The Plant Smith stormwater sump system has been effective in managing onsite stormwater.

Project-to-Date: Plant-in-service of \$2,764,379 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Smith Waste Water Treatment Facility

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

During the 1990's a domestic wastewater treatment facility was installed at Plant Smith to replace the septic tank system that was installed in the early 1960's. In April 2004 a new wastewater treatment facility with additional capacity was installed to replace the facility installed in the 1990's. The new treatment plant includes aeration and chlorination of the wastewater prior to discharge in the Plant Smith ash pond.

Accomplishments: Plant Smith has maintained compliance with the NPDES industrial wastewater permit.

Project-to-Date: Plant-in-service of \$369,791 projected at December 2020.

Progress Summary: During 2019 the domestic wastewater treatment plant is being replaced and relocated as part of the Plant Smith ash pond closure project since the area will be used for future dry ash stacking.

Projections: N/A.

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Daniel Ash Management Project

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The original Daniel Ash Management project included the installation of a dry ash transport system, lining the bottom of the ash pond, closure and capping of the existing fly ash pond, and expansion of the landfill area. During 2006 Plant Daniel completed construction of a new on-site ash storage facility in preparation for the completion and closure of the existing landfill area.

Accomplishments: Construction of the new on-site ash storage facility was completed in 2006. Portions of the original Daniel ash storage facility were closed in place during 2010.

Project-to-Date: Plant-in-service of \$14,950,124 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Smith Water Conservation

**FPSC Approval: Order No. PSC-01-1788-FOF-EI and
 Order No. PSC-09-0759-FOF-EI**

Description:

Specific Condition nine of Plant Smith's consumptive use permit, issued by the Northwest Florida Water Management District (NFWFMD), requires the plant to implement measures to increase water conservation and efficiency at the facility. Phase I of the Smith Water Conservation project consisted of adding pumps, piping, valves, and controls to reclaim water from the ash pond. Phase II, the Smith Closed Loop Cooling System for the laboratory sampling system, was installed during 2005 to further reduce groundwater usage. Phase III includes investigating and installing a deep injection well system to allow Plant Smith to utilize reclaimed water.

As discussed in previous filings, Gulf has determined that it is feasible to inject reclaimed water into the Plant Smith deep injection well system. Gulf has installed three deep injection wells, piping, and initial equipment needed for the reclaimed water pump station and for current wastewater discharges.

Project-to-Date: Plant-in-service of \$36,714,245 projected at December 2020.

Progress Summary: Gulf plans to complete design and begin construction of the system needed for reclaimed water and continued permitted wastewater disposal in the fall of 2019. The new wastewater treatment system and permanent pump station are required for Plant Smith to begin using reclaimed water for the Unit 3 cooling tower water supply and continue permitted wastewater disposal.

Projections: The projected 2020 expenditures for this line item total \$12,816,779 million.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Underground Fuel Tank Replacement

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Underground Fuel Tank Replacement Program provided for the replacement of Gulf's underground storage tanks with new above ground tanks (ASTs). The installation of ASTs significantly reduced the risk of potential petroleum product discharges, groundwater contamination, and subsequent remediation activities.

Accomplishments:

All underground storage tanks have been replaced with above ground tank systems.

Project-to-Date: \$0

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist FDEP Agreement for Ozone Attainment

FPSC Approval: Order No. PSC-02-1396-FOF-EI

Description:

The Florida Department of Environmental Protection (FDEP) and Gulf Power entered into an agreement on August 28, 2002 to support Escambia/Santa Rosa County area's effort to maintain compliance with the 8-hour ozone ambient air quality standards. This agreement included a requirement for Gulf to install Selective Catalytic Reduction (SCR) controls on Plant Crist Unit 7, relocate the Crist Unit 7 precipitator, and install a NO_x reduction technology on Plant Crist Unit 6, and Units 4 and 5 if necessary, to meet the NO_x standard specified in the Agreement.

Accomplishments: The new Crist Unit 7 precipitator and SCR were placed in service during 2004 and 2005, respectively. The Crist Unit 6 Selective Non-Catalytic Reduction (SNCR)/low NO_x burners with Over-Fired Air (OFA) technologies were then placed in service during November 2005. The Crist Unit 4 and Unit 5 SNCRs were subsequently placed in service during April 2006. The Crist Unit 6 SNCR was retired during the Spring of 2012 when the Crist Unit 6 SCR was placed in-service. Gulf replaced one layer of the Plant Crist Unit 7 SCR catalyst during the Fall of 2014. Gulf replaced the Plant Crist Unit 7 SCR ammonia unloading piping during 2015 and upgraded the digital control system for the Unit 7 SCR. Gulf replaced a layer of the Plant Crist unit 7 SCR catalyst and installed the Plant Crist unit 6 flame scanner during 2016. Gulf replaced the Crist Unit 7 Fgas fans, a layer of the Plant Crist unit 7 SCR catalyst, and performed work on the Unit 7 SCR during 2018.

Project-to-Date: Plant-in-service of \$121,461,989 projected at December 2020.

Progress Summary: Gulf plans to replace the existing Plant Crist Unit 7 low NO_x burner and simulator controls during 2020. The supplier will be discontinuing support and updates for the existing controls in 2020. To maintain cyber security, the control systems need to be up to date with supported operating systems to prevent and address cyber vulnerabilities.

Projections: The projected 2020 expenditures for this line item total \$107,574.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: SPCC Compliance

FPSC Approval: Order No. PSC-03-1348-FOF-EI

Description:

The SPCC Compliance projects were required as the result of a more stringent July 2002 revision to Title 40 Code of Federal Regulation Part 112, which is commonly referred to as the Spill Prevention Control and Countermeasures (SPCC) regulation. The 2002 regulatory revision specifically included oil-containing electrical equipment within the scope of the regulation. Therefore, oil-filled electrical equipment that has the potential to discharge to navigable waters must be provided with appropriate containment and/or diversionary structures to prevent such a discharge. The 2002 revisions also resulted in oil storage containers having a capacity greater than or equal to 55 gallons being classified as bulk storage containers that are subject to the secondary containment requirements in 40 CFR Part 112.8(c).

Accomplishments: The 2006 SPCC project at Plant Crist routed stormwater from the switchyard drains to the new oil skimming sump where any potential spill could be captured, preventing the oil from reaching surface water. During 2009, Plant Smith installed secondary containment for a padmount transformer located along the ash pond discharge canal. During 2012, Plant Smith installed a secondary containment system for the diesel emergency sump pump system. During 2017, Gulf installed a double walled fuel tank at the Panama City Beach Facility for the emergency generator.

Project-to-Date: Plant-in-service of \$947,925 projected at December 2020.

Progress Summary: In-service

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Common FTIR Monitor

FPSC Approval: Order No. PSC-03-1348-FOF-EI

Description:

The purchase of a Fourier Transform Infrared (FTIR) spectrometer, a device used to measure and analyze various low concentration stack gas emissions, was required at Plant Crist under Title V regulations.

Accomplishments: Purchasing the FTIR instrument has enabled Gulf Power to measure ammonia slip emissions as required by the Plant Crist air permit.

Project-to-Date: Plant-in-service of \$62,870 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Precipitator Upgrades for Compliance Assurance Monitoring Compliance

FPSC Approval: Order No. PSC-04-1187-FOF-EI

Description: Compliance Assurance Monitoring (CAM) Precipitator Upgrades were required to comply with new CAM regulations incorporated into Gulf's Title V permits in the 2005 time frame. CAM requirements are regulated under Title V of the 1990 Clean Air Act Amendments (CAAA) which requires a method of continuously monitoring particulate emissions. Opacity can be used as a surrogate parameter if the precipitator demonstrates a correlation between opacity and particulate matter. Gulf demonstrated this correlation by stack testing in 2003 and 2004, and the results were included as part of the CAM plans in Gulf's Title V Air Permits effective January 2005. Several precipitator upgrades have been necessary to meet the more stringent surrogate opacity standards under CAM.

Accomplishments: The Plant Smith Unit 2 and Unit 1 precipitator upgrades were placed in service during April 2005 and May 2007, respectively. The Plant Scholz Unit 2 precipitator upgrade was completed during December of 2007. The Plant Crist Units 4 and 5 precipitator upgrades were placed in-service during March of 2008. The Scholz precipitators were retired in 2015. The Plant Smith precipitators were retired in April 2016 after the Plant Smith Units 1 & 2 ceased operations.

Project-to-Date: Plant-in-service of \$13,997,696 projected at December 2020.

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Plant Groundwater Investigation

FPSC Approval: Order No. PSC-05-1251-FOF-EI

Description: The Florida Department of Environmental Protection (FDEP) lowered the arsenic groundwater standard from 0.05 mg/L to 0.01 mg/L effective January 1, 2005. Historical groundwater monitoring data from Plants Crist and Scholz indicated that these facilities may be unable to comply with the lower standard.

Accomplishments: The Plant Crist and Plant Scholz projects have been canceled because Gulf has been released from any arsenic remedial actions at these sites.

Project-to-Date: \$0

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Water Conservation Project

FPSC Approval: Order No. PSC-05-1251-FOF-EI

Description:

This project is part of the Plant Crist water conservation and consumptive use efficiency program to reduce the demand for groundwater and surface water withdrawals. Specific Condition six of the Northwest Florida Water Management District Individual Water Use Permit Number 19850074 issued January 27, 2005 requires Plant Crist to implement measures to increase water conservation and efficiency at the facility. The first Plant Crist Water Conservation project was placed in service during 2006. This project included installing automatic level controls on the fire water tanks to reduce groundwater usage. The second phase of the project involves utilizing reclaimed water from ECUA's wastewater treatment plant to reduce the demand for groundwater and surface water withdrawals at Plant Crist. The Northwest Florida Water Management District has agreed that this is a valid project to pursue for continued implementation of the water conservation effort.

Accomplishments: Level controls were installed on the fire tank system during 2006. Portions of the Plant Crist reclaimed water project were placed in-service in 2009 and 2010. Gulf began receiving reclaimed water from ECUA in November 2010. During the 2011-2012 timeframe, Gulf installed defoaming and acid injection systems for the Units 6-7 cooling towers to treat scaling and foam associated with reclaimed water usage. During 2017, Gulf replaced two header pumps that were installed when Plant Crist began receiving reclaimed water.

Project-to-Date: Plant-in-service of \$20,379,391 projected at December 2020.

Progress Summary: During 2018-2019, Gulf replaced pumps, piping, valves and motors that were installed when Plant Crist began receiving reclaimed water.

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Plant NPDES Permit Compliance Projects

FPSC Approval: Order No. PSC-05-1251-FOF-EI

Description: The water quality based copper effluent limitations included in Chapter 62 Part 302, Florida Administrative Code (F.A.C.) were amended in April 2002 with an effective date of May 2002. The more stringent hardness based standard is included by reference in the Plant Crist National Pollutant Discharge Elimination System (NPDES) industrial wastewater permit.

Accomplishments: Plant Crist installed stainless steel condenser tubes on Unit 6 during June 2006 in an effort to meet the revised water quality standards during times of lower hardness in the river water. During 2008, Plant Crist completed the second phase of the project which involved installing a chemical treatment system in the ash pond. During 2010, Gulf completed the third phase of the project that included installing an aeration system in the ash pond. During 2011-2012, Plant Crist completed installation of a new caustic tank and a sulfuric acid tank as part of the ash pond chemical treatment system. While these projects significantly reduced copper concentrations, Plant Crist reported an exceedance of the copper standard in second quarter 2017 that resulted in FDEP requiring Gulf to implement a plan of study to further reduce copper concentrations in the discharge.

Project-to-Date: Plant-in-service of \$13,082,311 projected at December 2020.

Progress Summary:

Gulf Power submitted results of the copper plan of study in June 2019 that recommended retubing the Unit 6C service water cooler and Units 4 and 5 condensers with stainless steel tubes to eliminate these copper sources. On July 5, 2019 FDEP approved the proposed corrective actions and implementation schedule. FDEP Order 17-1224 requires Gulf to complete the corrective actions to address copper by January 25, 2021. Gulf is currently in the process of procuring material for retubing the Unit 6C service water cooler in order to complete the project during the fall 2019 outage while the Units 4 and 5 condenser project is expected to be completed in the 2020 timeframe.

During 2019, Plant Smith completed replacement of the second discharge canal crossover to allow for continued safe access for obtaining representative main plant discharge samples as required by the Plant Smith NPDES industrial wastewater permit.

Projections: Expenditures for the Crist copper compliance projects are estimated to be \$3,131,598 in 2020.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Air Quality Compliance Program

FPSC Approval: Order No. PSC-06-0972-FOF-EI

Description: This line item covers the prudently incurred costs for compliance with Gulf's Air Quality Compliance Program including the expenses associated with Gulf's ownership portion of the Scherer 3 baghouse, SCR, and scrubber projects and associated equipment.

Accomplishments: The Plant Smith Unit 1 and Unit 2 SNCRs were placed in service during May 2009 and December 2008, respectively. The Plant Smith SNCRs were retired in April 2016 after Plant Smith Units 1 & 2 ceased operations. The Crist Units 4 - 7 scrubber project was placed in-service in December of 2009 and the Crist Unit 6 hydrated lime injection system was placed in-service in 2011. The Plant Crist Unit 6 SCR was placed-in-service in April of 2012. The Plant Daniel scrubber projects were placed in-service in November 2015. Plant Daniel's bromine and activated carbon injection systems were placed in-service in December 2015. The scrubbers when used in conjunction with the bromine and activated carbon injection systems will allow Plant Daniel to comply with the MATS standards. Plant Scherer 3 baghouse was placed in-service February 2009, SCR in-service December 2010, and scrubber in-service March 2011.

Project-to-Date: Plant-in-service of \$1,349,650,497 projected at December 2020.

Progress Summary: During 2019 Plant Crist completed construction of a new limestone system that will add limestone to the coal to help maintain the performance of catalyst used in the SCRs.

Projections: During 2020, \$4 million is projected for expansion of the Plant Crist Underground Injection Control (UIC) pump station. The expansion will allow Plant Crist to utilize two additional wells for disposal of wastewater generated from the gypsum storage area and associated groundwater remediation system. Additionally, this line item includes approximately \$3,022,922 of expenditures to upgrade the Plant Crist Unit 6 SCR and scrubber controls for cyber security requirements. The projected capital Cost for Gulf's ownership portion of the Scherer Unit 3 scrubber is approximately \$292,112 to replace scrubber system pumps and valves and to conduct roadway improvements for work around the gypsum landfill. Plant Daniel will also be replacing the low NOx burners on Unit 1, which have reached the end of their useful life. The cost of the new low NOx burners is approximately \$510,000.

The total projected 2020 expenditures for this line item total \$7,825,035.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: General Water Quality

FPSC Approval: Order No. PSC-06-0972-FOF-EI

Description: The General Water Quality line item includes capital expenditures required to ensure compliance with Gulf Power's NPDES industrial wastewater permits. Gulf purchased a boat during 2007 for surface water sampling required by the Plants Crist, Smith and Scholz National Pollutant Discharge Elimination System (NPDES) permits. The permits had new conditions which required Gulf to establish a biological evaluation plan and implementation schedule for each plant.

Accomplishments: The General Water Quality sampling boat was purchased during 2007. It is currently being used to conduct Gulf's surface water sampling for Plant Crist. Plant Crist installed additional groundwater monitoring wells during 2017-2019 for compliance with the plant's NPDES industrial wastewater permit.

Project-to-Date: Plant-in-service of \$868,976 projected at December 2020.

Projections:

During the Plant Crist industrial wastewater permit renewal process, FDEP inquired about the status of the Crist closed ash landfill and potential impacts to adjacent waters. In the fall of 2017, FDEP permitting staff conducted a site visit and requested Gulf collect water quality samples in the surface waters adjacent to the closed ash landfill which is located between Governor's Bayou and the Escambia River. After reviewing the resulting data, FDEP directed Gulf to submit a plan of study identifying potential geological and engineering assessment methods that would allow Gulf to evaluate the integrity of the landfill, and to identify "any seeps and discharges as well as the quantity and quality of those discharges to waters of the state" from the CAL.

Gulf began implementing field work portions of the plan of study in June 2018 and completed work in the April 2019 timeframe. An engineering report summarizing findings from the study and rehabilitation options evaluated was submitted to FDEP on July 23, 2019. The report recommends regrading and capping the surface of the CAL with a low permeability, synthetic material. These actions are needed to reduce infiltration, provide separation of ash and stormwater, and to provide stability improvements. On August 28, 2019 FDEP approved the proposed action plan and implementation schedule. FDEP Order 17-1224 requires Gulf to complete FDEP approved rehabilitation actions by July 23, 2023.

The projected 2020 expenditures for this line item total \$10,153,027.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Coal Combustion Residuals
FPSC Approval: PSC-15-0536-FOF-EI

Description: The CCR program is related to the regulation of Coal Combustion Residuals (CCR) by the EPA and State Environmental Agencies. For Gulf's generating plants, these regulatory compliance obligations are pursuant to either the CCR rule adopted in April of 2015 or through new permit requirements added by FDEP; through NPDES wastewater permits issued for each of Gulf's generating facilities pursuant to authority granted under the Clean Water Act. The CCR rule is located in Title 40 Code of Federal Regulations (CFR) Parts 257 and 261.

Accomplishments: Gulf installed additional groundwater monitoring wells at Plants Crist, Daniel, and Smith during 2015. In 2017, Gulf completed construction of a slurry wall and new industrial wastewater treatment pond at Scholz. Construction activities for the ash pond closures at Plant Scholz and Plant Smith began in 2018.

Project-to-Date: Plant-in-service of \$89,399,019 projected at December 2020.

Progress Summary: During 2020, the Scholz ash pond closure project will include construction of a new stormwater management system, transferring CCR material to a dry stack area within the footprint of the pond, and capping the dry stack area with closure turf material. Plant Smith will complete construction of a new industrial wastewater treatment pond and proceed with construction of two additional ponds and a slurry wall. During pond construction, CCR material will be excavated and transported to a new dry stack area within the footprint of the pond.

Construction of the Scherer CCR wastewater management system will continue in 2020 and construction will begin on Cell 3 of the onsite landfill for CCR storage. Scherer will proceed with siting studies and preliminary design for a new landfill.

Plant Daniel must cease placing waste streams into the ash pond no later than October 31, 2020, in accordance with the CCR rule. New wastewater treatment and ash handling systems are required for the waste streams currently being routed to the pond prior to the deadline. During 2020, the dry bottom ash conversion projects are scheduled to be placed in-service and a temporary wastewater treatment system will be installed to provide treatment for low volume wastewater streams while the plant closes and repurposes the bottom ash pond to serve as a low volume wastewater treatment pond.

Plant Crist has projected \$150,000 of capital expenditures in 2020 for additional CCR groundwater monitoring wells.

Projections: The total projected 2020 expenditures for this line item total \$49,278,428.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Steam Electric Power Effluent Limitations Guidelines and Standards

FPSC Approval: PSC-15-0536-FOF-EI

Description: In 2015, the EPA finalized revisions to the steam electric effluent limitations guidelines (ELG) rule, which imposes stringent technology-based requirements for certain waste streams from steam electric generating units. The revised technology-based limits and compliance dates will require extensive modifications to existing ash and flue gas desulfurization (FGD) scrubber wastewater management systems or the installation and operation of new wastewater management systems. Compliance applicability dates in the 2015 rule ranged from November 1, 2018, to December 31, 2023.

On September 18, 2017, EPA published a final rule in the Federal Register that delayed the earliest ELG applicability date for FGD wastewater and bottom ash transport water from the original (2015 rule) “as soon as possible date” of November 1, 2018 to a new “as soon as possible” date of November 1, 2020, to allow time for EPA to reconsider the requirements for FGD wastewater and bottom ash transport water. The 2017 rule did not change the latest applicability date or “no later than” date of December 31, 2023.

State environmental agencies will incorporate specific applicability dates in the NPDES permitting process based on requirements provided for each waste stream. The EPA plans to propose ELG rule revisions in the second half of 2019 and to finalize the rulemaking by December 2020.

Project-to-Date: Plant-in-service of \$5,657,885 projected at December 2020.

Progress Summary: Gulf has projected expenditures in 2020 for engineering and design of Gulf’s ownership portion of the Scherer scrubber wastewater treatment system.

Projections: The projected 2020 expenditures for this line item total \$871,250.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: 316(b) Intake Structure Regulation

FPSC Approval: Order No.

Description: On August 15, 2014, the EPA published final regulations under Section 316(b) of the Clean Water Act for cooling water intake structures at existing electric generating facilities. The rule found in Title 40 Parts 122 and 125 of the Code of Federal Regulations, (See Exhibit RMM-1), became effective on October 14, 2014, requiring existing facilities withdrawing greater than 2 million gallons per day (MGD) to adopt one of seven options for addressing impingement at the entrance to existing cooling water intake structures. Although the ultimate 316(b) compliance strategy and design will be approved by the state environmental permitting agencies, with possible input from the U.S. Fish and Wildlife Service and National Marine Fisheries Service (Services) and EPA, Gulf Power's preliminary studies indicate Plant Smith will need to install new lower capacity intake pumps and a closed-cycle cooling tower monitoring system for the existing Unit 3 closed-cycle cooling tower.

Accomplishments: N/A

Project-to-Date: Plant-in-service of \$2,000,000 projected at December 2020.

Progress Summary: Gulf plans to install new lower capacity intake pumps at Plant Smith during 2019. The Plant Smith industrial wastewater permit required Gulf to submit information required under the Cooling Water Intake Structure 316(b) rule with its 2019 permit renewal for FDEP review and approval

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Mercury Allowances

FPSC Approval: Order No. PSC-07-0721-S-EI

Description:

Mercury Allowances were included as part of Gulf's March 2007 CAIR/CAMR/CAVR Compliance Program. The purchase of allowances in conjunction with the retrofit projects comprised the most reasonable, cost-effective means for Gulf to meet the CAIR, CAMR and CAVR requirements. On February 8, 2008, the U.S. Court of Appeals for the District of Columbia Circuit issued an opinion vacating EPA's CAMR. The vacatur became effective with the issuance of the court's mandate on March 14, 2008, nullifying CAMR mercury emission control obligations and monitoring requirements. In response to the CAMR vacatur, mercury allowances have been removed from Gulf's Air Quality Compliance Program.

Accomplishments: N/A

Project-to-Date: N/A

Progress Summary: N/A

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Annual NO_x Allowances

FPSC Approval: Order No. PSC-07-0721-S-EI

Description:

Although the retrofit installations set forth in Gulf's Air Quality Compliance Program significantly reduce emissions, they will not result in Gulf achieving CAIR compliance levels without the purchase of some emission allowances. Thus, Gulf's Compliance Program called for the purchase of allowances as needed. The purchase of allowances in conjunction with the retrofit projects comprised the most reasonable, cost-effective means for Gulf to meet CAIR requirements. CAIR has now been replaced by CSAPR. Annual NO_x Allowances are currently required for Scherer Unit 3.

Accomplishments: N/A

Project-to-Date: N/A

Progress Summary:

Gulf began surrendering annual NO_x allowances during 2009.

Projections: The projected 2020 O&M Annual NO_x allowance expenses are \$3,087.

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Gulf Power Company
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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Seasonal NO_x Allowances

FPSC Approval: Order No. PSC-07-0721-S-EI

Description:

Although the retrofit installations set forth in Gulf's Air Quality Compliance Program significantly reduce emissions, the projects would not result in Gulf achieving CAIR/CASPR compliance levels without the purchase of some emission allowances. Thus, Gulf's Compliance Program called for the purchase of allowances as needed. The purchase of allowances in conjunction with the retrofit projects comprised the most reasonable, cost-effective means for Gulf to meet CAIR/CSAPR requirements. Seasonal NO_x Allowances are currently required for Scherer Unit 3 and Daniel Units 1 and 2.

Accomplishments: N/A

Project-to-Date: N/A

Progress Summary:

Gulf began surrendering seasonal NO_x allowances during 2009.

Projections: Gulf has projected the need to purchase seasonal NO_x allowances for Plant Daniel in 2020. Gulf has projected \$85,000 of cost for Line item 1.33 during 2020.

Gulf's total projected 2020 O&M Seasonal NO_x allowance expenses are \$7,113.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: SO₂ Allowances

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

Part of Gulf's strategy to comply with the Acid Rain Program under the Clean Air Act Amendments of 1990 was to bring several of Gulf's Phase II generating units into compliance early and bank the SO₂ allowances associated with those units. SO₂ reductions under the CAIR program utilized this program requiring an increased rate of surrender beginning in 2010. Gulf's bank has slowly been drawn down over the years due to more allowances being consumed than are allocated to Gulf by EPA. Gulf proposed to meet this shortfall by executing forward contracts to secure allowances supplemented with forward contracts, swaps, and spot market purchases of allowances as prices dictate. With the Plant Crist scrubber online in December 2009, and the Plant Daniel scrubbers online in November 2015, purchasing of allowances has ceased and the bank is growing.

Accomplishments: Gulf executed forward contracts to secure allowances during 2006, 2007, and 2009.

Project-to-Date: N/A

Progress Summary: See Accomplishments

Projections: The projected 2020 O&M SO₂ allowance expenses are \$9,874.

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.1**

Title: Sulfur

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Plant Crist Unit 7 sulfur trioxide (SO₃) flue gas system allowed for the injection of SO₃ into the flue gas stream. The addition of sulfur trioxide to the flue gas improved the collection efficiency of the precipitator when burning a low sulfur coal. Sulfur trioxide agglomerated the particles which in turn enhanced the collection efficiency of the precipitator.

Accomplishments:

The flue gas injection system was retired during 2005.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.2**

Title: Air Emission Fees

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

Air Emission Fees are the annual fees required by the Florida Department of Environmental Protection (FDEP), Georgia Environmental Protection Division (EPD), and Mississippi Department of Environmental Quality (MDEQ) under Title V of the 1990 Clean Air Act Amendments.

Accomplishments:

Fees have been paid by due dates.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$285,269

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.3**

Title: Title V

FPSC Approval: Order No. PSC-95-0384-FOF-EI

Description:

Title V expenses are associated with preparation of the Clean Air Act Amendments (CAAA) Title V permit applications and the subsequent implementation of Title V permits. Renewal of the Title V permits is on a five-year cycle (i.e. 2014, 2019, etc). Title V permits are periodically revised between renewals to incorporate major changes or modifications of a source.

Accomplishments:

Gulf's Title V permit renewals were finalized in January 2015 and are valid for a 5-year period. Title V permit amendments to incorporate a new Southern System NOx Averaging Plan for the Acid Rain Program (Title IV Permits) were issued by FDEP during July 2016 for Plant Crist, Plant Scholz and Plant Smith. Gulf's Perdido Landfill Gas-to-Energy Facility Title V permit was issued on November 16, 2016 and is valid for a 5-year period.

Gulf's Plant Crist and Plant Smith Title V permit renewals are in progress for August 2019 submittals. The Plant Scholz Title V permit has been retired. Gulf's Pea Ridge Title V permit was renewed May 15, 2019 and is valid for 5 years. Gulf's Perdido Landfill Gas-to-Energy Facility Title V permit was issued on November 16, 2016 and is valid for a 5-year period.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$231,465

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.4**

Title: Asbestos Fees

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

Asbestos Fees include both annual and individual project fees due to the Florida Department of Environmental Protection (FDEP) for asbestos abatement projects.

Accomplishments:

Fees are paid as required by FDEP.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$1,000

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.5**

Title: Emission Monitoring

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Emission Monitoring program provides quality assurance/quality control testing for Continuous Emission Monitoring systems, including Relative Accuracy Test Audits and Linearity Tests, as required by the Clean Air Act Amendments (CAAA) of 1990.

Accomplishments:

All systems are in compliance.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$736,399

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.6**

Title: General Water Quality

FPSC Approval: Order No. PSC-94-0044-FOF-EI
Order No. PSC-04-1187-FOF-EI
Order No. PSC-08-0775-FOF-EI
Order No. PSC-11-0553-FOF-EI

Description:

The General Water Quality program includes activities undertaken pursuant to the Company's NPDES industrial wastewater permit including dechlorination, surface and groundwater monitoring studies and associated assessment activities, and soil contamination studies. This line item also includes expenses for Gulf's Cooling Water Intake program, the Impaired Waters Rule, Storm Water Maintenance, and the Impoundment Integrity project.

Accomplishments:

All activities are on-going in compliance with applicable environmental laws, rules, and regulations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$1,542,599

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.7**

Title: Groundwater Contamination Investigation

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Groundwater Contamination Investigation project includes sampling and testing to determine possible environmental impacts to soil and groundwater from past herbicide applications at various substation sites. Once possible environmental impacts to groundwater and soils have been identified cleanup operations are initiated.

Accomplishments:

The Florida Department of Environmental Protection has issued a No Further Action (NFA) letter or Site Rehabilitation Completion Order for 98 sites.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$2,241,964

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.8**

Title: State NPDES Administration

FPSC Approval: Order No. PSC-95-1051-FOF-EI

Description:

The State NPDES Administration fees are required by the State of Florida's National Pollutant Discharge Elimination System (NPDES) program administration. Annual and five-year permit renewal fees are required for the NPDES industrial wastewater permits at Plants Crist, Smith and Scholz.

Accomplishments:

Gulf has complied with the NPDES program administration fee submittal schedule.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$35,000

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.9**

Title: Lead & Copper Rule

FPSC Approval: Order No. PSC-95-1051-FOF-EI

Description:

The Lead and Copper Rule expenses include potable water treatment and sampling costs as required by the Florida Department of Environmental Protection (FDEP) regulations.

Accomplishments:

Gulf has complied with all sampling and analytical protocols.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.10**

Title: Environmental Auditing/Assessment

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Environmental Auditing/Assessment program ensures continued compliance with environmental laws, rules, and regulations through auditing and/or assessment of company facilities and operations.

Accomplishments:

Audits and assessments completed to date have demonstrated compliance with environmental laws, rules, and regulations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$15,000

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.11**

Title: General Solid and Hazardous Waste

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The General Solid and Hazardous Waste program provides for the proper identification, handling, storage, transportation and disposal of solid and hazardous wastes. This line item also includes O&M expenses associated with Gulf's Spill Prevention Control and Countermeasures (SPCC) plans.

Accomplishments:

Gulf has complied with all hazardous and solid waste regulations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$968,840

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.12**

Title: Above Ground Storage Tanks

FPSC Approval: Order No. PSC-97-1047-FOF-EI

Description:

The aboveground storage tank projects are required under the provisions of Chapter 62-762, F.A.C. which includes specific performance standards applicable to storage tank systems. These performance standards include maintenance requirements, installation of secondary containment and cathodic protection systems, as well as periodic tank integrity testing.

Accomplishments:

Gulf has complied with all applicable storage tank requirements.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$183,659

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.13**

Title: Low NO_x

FPSC Approval: Order No. PSC-98-0803-FOF-EI

Description:

The Low NO_x activity refers to the maintenance expenses associated with the Low NO_x burner tips on Crist Units 4 & 5 and Smith Unit 1.

Accomplishments:

Burner tips were installed on Plant Crist Units 4 & 5 and Plant Smith Unit 1. The Plant Smith Unit 1 Low NO_x burners were retired in April 2016 when the unit ceased operations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.14**

Title: Ash Pond Diversion Curtains

FPSC Approval: Order No. PSC-98-1764-FOF-EI

Description:

The installation of flow diversion curtains in the Plant Crist industrial wastewater pond were required to effectively increase water retention time in the pond. Diversion curtains allow for the sedimentation/precipitation treatment process to be more effective in reducing levels of suspended particulate from the Plant Crist outfall.

Accomplishments:

Plant Crist replaced the diversion curtains and dredged the pond during the 2009-2010 timeframe.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.15**

Title: Mercury Emissions

FPSC Approval: Order No. PSC-99-0912-FOF-EI

Description: The Mercury Emissions program pertains to requirements for Gulf to periodically analyze coal shipments for mercury and chlorine content. The Environmental Protection Agency (EPA) mandated that shipments of coal would be analyzed for mercury and chlorine only during 1999. No further notices of continued sampling requirements of coal shipments beyond 1999 have been issued by EPA, therefore, no expenses have been planned for this activity.

Accomplishments:

Coal shipments were analyzed as required during 1999. Sampling and analytical requirements are not expected during 2020.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.16**

Title: Sodium Injection

FPSC Approval: Order No. PSC-99-1954-FOF-EI

Description:

This line item includes O&M expenses associated with the sodium injection system at Plant Crist. Sodium carbonate is added to the Plant Crist coal supply to enhance precipitator efficiencies when burning certain low sulfur coals.

Accomplishments:

Sodium carbonate injection is used at Plant Crist as necessary when low sulfur coal is burned.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.17**

Title: Gulf Coast Ozone Study (GCOS)

FPSC Approval: Order No. PSC-00-0476-FOF-EI

Description:

This project referred to Gulf's participation in the Gulf Coast Ozone Study (GCOS) which was a joint modeling analysis between Gulf Power and the State of Florida to provide an improved basis for assessment of eight-hour ozone air quality for Northwest Florida. The goal of the project was to develop strategies for ozone ambient air attainment to supplement the Florida Department of Environmental Protection (FDEP) studies submitted to the Environmental Protection Agency (EPA) for Escambia and Santa Rosa counties.

Accomplishments: The GCOS project was completed during 2006.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.18**

Title: SPCC Substation Project

FPSC Approval: Order No. PSC-03-1348-FOF-EI

Description:

During 2002 EPA published a revision to Title 40 Code of Regulation Part 112, commonly referred to as the Spill Prevention Control and Countermeasures (SPCC) regulation. The revision expanded applicability of the rule to specifically include oil containing electrical transformers and regulators. Gulf was required to install additional containment and/or diversionary structures or equipment at several substations to prevent a potential discharge of oil to navigable waters of the United States or adjoining shorelines.

Accomplishments: Gulf has assessed its substations to determine which sites are subject to the revised SPCC regulations. Additional containment has been added to the substations that were identified as having a higher risk of discharging oil into navigable waters of the United States or adjoining shorelines.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.19**

Title: FDEP NO_x Reduction Agreement

FPSC Approval: Order No. PSC-02-1396-FOF-EI

Description: This line item includes O&M expenses associated with the Crist Unit 7 SCR and the Crist Units 4 and 5 Selective Non-Catalytic Reduction (SNCR) projects that were included as part of the Florida Department of Environmental Protection (FDEP) and Gulf Power Agreement entered into on August 28, 2002 to address ozone attainment. Anhydrous ammonia, urea, air monitoring, catalyst regeneration, and general operation and maintenance expenses are included in this line item.

Accomplishments: The Crist Unit 7 SCR and the Crist Units 4 and 5 SNCRs are fully operational. The Crist Unit 6 SNCR was retired when the Crist Unit 6 SCR was placed in-service during the Spring of 2012. The Crist Unit 6 SCR was installed as part of the Air Quality Compliance Program.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$560,731

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.20**

Title: Air Quality Compliance Program

FPSC Approval: **Order No. PSC-06-0972-FOF-EI**
 Order No. PSC-13-0506-PAA-EI
 Order No. PSC-17-0178-S-EI

Description: This line item covers prudently incurred costs for compliance with Gulf's Air Quality Compliance Program including expenses associated with Gulf's ownership portion of the Scherer 3 baghouse, SCR, and scrubber projects as well as associated equipment. More specifically, the line item includes the cost of anhydrous ammonia, hydrated lime, urea, limestone and general O&M expenses.

Accomplishments: The Plant Smith Unit 1 and Unit 2 SNCRs were placed in service during May 2009 and December 2008, respectively. The Smith SNCRs were retired in April 2016 after the coal units cease operations. The Crist Units 4 -7 scrubber project was placed in-service December of 2009 and the Crist Unit 6 hydrated lime injection system was placed in-service in 2011. The Plant Crist Unit 6 SCR was placed-in-service in April of 2012. The Plant Daniel scrubbers were placed in-service in November 2015. The Plant Daniel Bromine and Activated Carbon Injection systems were placed in-service in December 2015. This line items includes expenses associated with a baghouse, SCR, and scrubber as well as associated equipment installed at Plant Scherer 3. Plant Scherer 3 baghouse was placed in-service February 2009, SCR in-service December 2010, and scrubber in-service March 2011.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$18,287,138

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.21**

**Title: Maximum Achievable Control Technology (MACT)
Information Collection Request (ICR)**

FPSC Approval: Order No. PSC-09-0759-FOF-EI

Description: During early 2010 EPA finalized an extensive Information Collection Request (ICR) for coal and oil fired steam electric generating units to support Maximum Achievable Control Technology (MACT) rulemaking under Section 112 of the Clean Air Act (CAA). The ICR required submission of information on control equipment efficiencies, emissions, capital and O&M costs, and fuel data for all coal and oil fired generating units greater than 25 MW.

Accomplishments:

Gulf completed the Part I & 2 MACT ICR survey and the Part 3 emissions testing reports during 2010.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.22**

Title: Crist Water Conservation

FPSC Approval: Order No. PSC-08-0775-FOF-EI

Description: Gulf Power entered into an agreement with the Emerald Coast Utilities Authority (ECUA) to begin utilizing reclaimed water to reduce the demand for groundwater and surface water withdrawals. This line item includes general O&M expenses associated with the Plant Crist reclaimed water system such as piping, pump, and valve maintenances.

Accomplishments:

Gulf began receiving reclaimed water from ECUA during November 2010.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$45,978

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.23**

Title: Coal Combustion Residuals

FPSC Approval: PSC-15-0536-FOF-EI

Description: The Coal Combustion Residuals (CCR) program includes expenses related to the regulation of Coal Combustion Residuals by the United States Environmental Protection Agency (“EPA”) and the Florida Department of Environmental Protection (“FDEP”). On April 17, 2015 EPA published the final CCR rule in the Federal register regulating CCR disposal under Subtitle D of the Resource Conservation and Recovery Act (RCRA). The CCR rule is located in Title 40 Code of Federal Regulations (CFR) Parts 257 and 261. The CCR rule regulates the disposal of CCR, including coal ash and gypsum, as non-hazardous solid waste at active generating power plants. The rule applies to CCR Units at Gulf’s Plants Crist, Scherer, Smith, and Daniel. Plant Scherer is also regulated under Georgia’s Environmental Protection Division CCR Rule, which requires permit applications to be submitted for the facility’s ash pond and CCR landfill by November 22, 2019.

In addition, pursuant to its authority granted under the Clean Water Act, the FDEP issues National Pollutant Discharge Elimination System (NPDES) industrial wastewater permits for each of Gulf’s generating facilities. A NPDES permit renewal for Plant Scholz (FL0002283) was issued on October 20, 2015 which requires closure of the existing on-site ash pond.

Accomplishments:

During 2015 Gulf established a publicly available website, began conducting and documenting weekly and monthly inspections, and prepared a fugitive dust plan as required by the CCR rule. Gulf also installed permanent markers at all CCR ponds and conducted annual inspections of the CCR impoundments and landfills. In 2017, Gulf completed construction of the Plant Scholz slurry wall, industrial wastewater pond, and supporting activities to facilitate closure. In 2018, Gulf moved forward with the Smith and Scholz ash pond closure projects which includes removing CCR material from portions of the existing ponds, and transferring CCR material to a dry stack area within the footprint of the pond.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$6,866,072

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.24**

Title: Smith Water Conservation

FPSC Approval: Order No. PSC-09-0759-FIF-EI

Description: Specific Condition Nine of the Northwest Florida Water Management District (NFWMD) Individual Water Use Permit Number 19850773 (Permit) issued on November 30, 2006, requires Gulf's Plant Smith to implement measures to increase water conservation and efficiency. On October 20, 2008, the NFWMD issued a letter stating that the re-use of reclaimed water meets the requirement listed in Specific Condition Nine in the Permit. This line item includes general O&M expenses associated with the Plant Smith reclaimed water system such as sampling and analytical charges, and mechanical integrity testing expenses required by the FDEP permit.

Fiscal Expenditures: N/A

Progress Summary: Gulf has installed three deep injection wells, a pump station and associated piping

Projections: \$48,696

FPL's response to Staff's First Set of Interrogatories Nos. 1-2.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 26
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Juan Enjamio (1-2)Michael W.
Sole (2)

QUESTION:

Has FPL conducted any studies based on the performance of the three solar projects?

- a. If yes, please provide a summary of lessons learned (e.g., contribution to peak and degradation of panel performance) or the studies.**
- b. If no, why not?**

RESPONSE:

- a. Yes. In response to performance losses, heat exchanger over pressurization, and solar field piping weld failures, FPL's Martin Solar Energy Center (MSEC) investigated the failure modes and effects of equipment and system efficiency improvement opportunities. MSEC identified and completed several countermeasures including replacing all four preheaters, preventing thermal shock and adding a recirculation path for water back to the heat recovery steam generator to allow continuous water flow through the preheaters during transient weather periods, and adding over pressurization piping and tanks to prevent a release to atmosphere in the event of a re-occurrence of excess water in the Heat Transfer Fluid (HTF) causing over pressurization. In response to previous performance losses from HTF release events stemming from heat collection element weld failures, MSEC recently completed countermeasures involving adding a re-enforcement cap weld (overlay) over all heat collection element welds in the solar field (~27,000 welds). This re-enforcement adds integrity to welds that were determined to contain defects from original construction installation welds, thereby preventing future gaps in performance and environmental events from this failure mode. A list of solar thermal lessons learned and guidelines were developed by from FPL's experience with MSEC and California solar thermal facilities. This is provided as Attachment I to this response.

For PV sites, FPL maintains data on maintenance and performance observations and issues identifying lessons learned, countermeasures implemented (where possible), and remedies and actions taken to address concerns. Issues are categorized by the nature of the effect and include (but are not limited to): safety, production assurance (performance and reliability), operating and maintenance costs and practices, and design. Issues that can be corrected on existing sites are evaluated for replication throughout all of FPL's solar PV sites and those identified as design improvement opportunities are addressed in the design and build of new facilities. A summary of the PV lessons learned from the DeSoto, Space Coast, Kennedy Space Center (KSC), and other FPL Solar PV sites is provided as Attachment II to this response.

- b. N/A

Power Generation Division

Solar Field Lessons Learned & Guidelines

HTF Fluid System:

- **Valve Packing** - All packing in the fluid system should be graph oil type only.
- **Loop Flow Control Valves** - FCV valves should be installed for the balancing. This will allow flow control to individual loops. Benefits HCE longevity, and field performance.
- **Gaskets** - All gaskets should be spiral wound graph oil with backing rings to keep the gasket spirals from getting in the valve seats and piping system.
- **Oil Pipe Assemblies** - The oil pipe assemblies should be made of a heavier material at least .1875 wall with the ends transitioned to the tube wall of .078 for welding, Temperature indication should be thermo well only not direct immersion.
- **Flex hoses** - Flex hoses or ball joints should not have a drain pipe extended from the assembly they are not used and will fail from constant thermal expansion and contraction.
- **Insulation** - Insulation must be maintained to prevent heat loss from occurring. Insulation should be of the calcium silicate or equivalent.
- **Header Isolation Valves** - At least two isolation valves per quad will keep some of the field in service in case of any leaks. And will aid in field evacuations.
- **Loop Cross Over Pipes** - Crossover piping should be oriented to allow equipment access between all rows.
- **Loop drain/vent valves** - All drain and vent valves should be 1" or larger and should be located at inlet, outlet and crossover.
- **HCE Tubes** - HCE tubes must be installed correctly to avoid leaks and rework. And most importantly properly aligned to prevent bowing and increase the longevity of the tubes.
- **VFD** - Use VFD motors on the HTF pumps for infinite flow adjustment.
- **Entrained Debris in the solar field HTF**- Debris entrained in the HTF settles out in low points in the solar field. I.E valve seats...No cure for this problem yet.

Procedural Related

- **Solar field Technicians** - Solar field Technicians should be monitoring the fields continuously while tracking, this is extremely important in preventing environmental events.
- **Wind protection** - An established wind procedure should be developed and operators should insure they follow it. High winds can lead to mirror breakage, HCE tube breakage, and even support structure damage if not followed.
- **Freeze Protection** - Under no circumstance should the field be put in the focal point unless it has proper flow. Improper flow will cause excessive pressure to build and cause component damage.
- **Loop isolation** - Loop PRV should never vent to ground and should never be isolated when the loop isolation valves are closed unless loop is evacuated. Ambient or indirect sunlight will cause temperature change in loop in cause over pressurization.
- **Solar field** - During day light hours the solar field should never be isolated from the expansion vessel. Doing so may cause over pressurization of field resulting in failure of solar field components.
- **Solar field** - No vegetation should be allowed to grow under solar field collectors. Tall growth will break mirrors and the focal point will cause a fire.
- **Solar field** - Vehicles in solar field should not park in focal point when SCA's are causing a focal point on the ground, this may cause damage to the vehicle or even a fire.
- **SCA** - Vehicle should never be parked in the movement path of an SCA. Over temp or a command from the control room could crush a vehicle.

Structure and drive System:

- **Frame Work System** - All metal components must be coated to prevent corrosion for the life of the project. Quality checks should be performed on all metal items for proper coating including zinc.
- **Hardware** - Small diameter hardware should be hardened (grade 8), all hardware should have locking nuts.
- **Hardware** All hardware should be corrosion resistant.
- **Hardware** - Any pins used to connect solar field components should be locked in place. Over time close tolerance fits can loosen.

- **QC Installation of frame work** - The installation of the frame work is critical to the precision of structure for proper tracking of the sun.
- **Element protection for electrical system** - Weather tight connection for all electrical and communications.
Element protection - Auto Closure functions on LOC Boxes.
- **Lightening protection** - Design consideration to allow positioning during lightening conditions.
- **Reduce frictional drag in SCA bearings**- Current LS-3 bearings impose additional drag causing tracking deficiencies.

Reflective panels:

- **Mirrors in High wind locations** - Panels in windy areas should be stronger to provide a wind brake for the balance of the down wind solar field. I.e. thicker or tempered Glass...
- **Flexible Panels** – Panels need to be more flexible for windy areas or thicker for durability.

Miscellaneous:

- **Solar field compaction and drainage** - Design in such a fashion to allow vehicular access in all weather
- **Solar field arrangement** - The field needs to be arranged to allow inspection of watch to be conducted by driving parallel to the rows of collectors as well as perpendicular to the rows of collectors.
- **Underground utilities** -Quality control is extremely important to insure longevity for direct burial electrical, communications and fire protections.

FPL commitment to excellence and continuous improvement are core values of our leadership and all employees. As such, our engineering and data analytics teams are constantly monitoring performance of our operating solar sites to find ways to increase our capacity while reducing cost. The following is summary of some key findings and lessons learned that have been factored into our new solar PV design an operation.

- **DC to AC Power Ratio:** As the cost of solar modules has steadily declined, we have increased our DC to AC power ratio to increase our Net Capacity Factor while keeping the cost of the sites low. This also enables to the sites to operate at full capacity with good solar conditions even if we have equipment out of service. In addition, the higher DC to AC ratio helps mitigate the impact of soiling and long term solar module degradation
- **Solar Module Orientation:** Fixed mounted solar modules are typically oriented pointing to the south with an approximate tilt of 20 degrees. FPL's data analytics engineers have performed numerous sensitivity analyses to determine the optimum tilt angle and azimuth that points the modules slightly to the southwest. This orientation provide an increased capacity factor during the afternoon peak load hours
- **Solar Field Cabling:** Wiring between the solar field PV module string combiner boxes and inverters was typically accomplished by installing cables in underground trenches. This method was costly and time consuming. A new above ground cable system has been developed to eliminate underground cables which lowers cost, reduces schedule, and improves reliability by reducing cable ground faults
- **PV Module String Failure Detection:** Existing DC current measurements are being used with a statistical software application to continuously monitor the solar field for small defects and failures that would otherwise go undetected for long periods of time. This has increased our solar sites production while lowering O&M expenses. (Note: patent pending)
- **Solar Site Night Time Operation:** We are actively configuring some of our solar sites to operate at night and generate reactive power to help control system voltages during periods when there is a slight mismatch of generation and load
- **Solar Site Curtailment:** The solar sites have been integrated into FPL's Transmission System Operation to enable their power output to be rapidly curtailed as needed to support system transients and then released to full power after system recovery

QUESTION:

FPL Solar Report

Please refer to FPL's Solar Plant Operation Status Report for February, 2019, filed in this Docket on March 20, 2019, (Document No. 03214-2019) for the following questions.

For each FPL solar project, please complete the following tables with any updated projections. If there are no updated projections, please explain why.

RESPONSE:

FPL projects the performance of existing solar projects (energy generation and firm-capacity value). Attachment I provides the projected MWh and Attachment II provides projected winter and summer peak day performance for the DeSoto, Space Coast and Martin solar units.

FPL does not project fuel displaced or emissions reductions for individual units already in-service, whether solar or other. While FPL projects fuel use and air emissions for the overall generation system, projecting fuel and emission savings for individual units already in service can only be done by creating and modeling scenarios where one unit at a time is removed from service and replaced in some way. These scenarios are speculative, especially so for units long in-service, and FPL does not believe that they provide valuable or useful information.

For the year 2019:

DeSoto Solar	
Month	Projected Net Generation (MWh)
January *	3,018
February *	3,025
March *	4,250
April	5,310
May	5,670
June	4,970
July	4,920
August	4,680
September	4,160
October	4,020
November	3,460
December	3,140

Space Coast Solar	
Month	Projected Net Generation (MWh)
January *	1,327
February *	1,224
March *	1,527
April	1,770
May	1,850
June	1,610
July	1,700
August	1,620
September	1,430
October	1,380
November	1,180
December	1,040

Martin Solar	
Month	Projected Net Generation (MWh)
January *	1,841
February *	2,882
March *	4,008
April	14,300
May	14,100
June	13,300
July	12,660
August	11,870
September	10,320
October	9,070
November	6,550
December	5,440

Note:

* The months January - March are actual plant operations MWhs and April - December are projections.

For the year 2019:

DeSoto Solar		
Projected Peak Day Performance		
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (August)
1:00 AM	0	0
2:00 AM	0	0
3:00 AM	0	0
4:00 AM	0	0
5:00 AM	0	0
6:00 AM	0	0
7:00 AM	0	1,010
8:00 AM	1,957	8,980
9:00 AM	7,219	12,410
10:00 AM	13,577	14,920
11:00 AM	13,585	15,990
12:00 PM	12,479	15,320
1:00 PM	10,792	15,900
2:00 PM	10,073	15,590
3:00 PM	7,944	15,990
4:00 PM	2,694	14,090
5:00 PM	62	11,330
6:00 PM	0	8,030
7:00 PM	0	1,380
8:00 PM	0	0
9:00 PM	0	0
10:00 PM	0	0
11:00 PM	0	0
12:00 AM	0	0

Space Coast Solar		
Projected Peak Day Performance		
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (August)
1:00 AM	0	0
2:00 AM	0	0
3:00 AM	0	0
4:00 AM	0	0
5:00 AM	0	0
6:00 AM	0	0
7:00 AM	4	370
8:00 AM	1,144	1,870
9:00 AM	1,745	3,590
10:00 AM	4,213	5,110
11:00 AM	6,766	6,300
12:00 PM	6,033	6,450
1:00 PM	5,168	6,730
2:00 PM	4,297	6,610
3:00 PM	3,081	5,800
4:00 PM	790	4,460
5:00 PM	48	3,120
6:00 PM	0	1,590
7:00 PM	0	250
8:00 PM	0	0
9:00 PM	0	0
10:00 PM	0	0
11:00 PM	0	0
12:00 AM	0	0

Martin Solar		
Projected Peak Day Performance		
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (August)
1:00 AM	0	0
2:00 AM	0	0
3:00 AM	0	0
4:00 AM	0	0
5:00 AM	0	0
6:00 AM	0	0
7:00 AM	0	0
8:00 AM	0	11,350
9:00 AM	0	26,170
10:00 AM	254	35,680
11:00 AM	4,070	37,670
12:00 PM	5,828	36,330
1:00 PM	11,134	39,250
2:00 PM	14,195	44,960
3:00 PM	14,281	42,210
4:00 PM	14,344	39,540
5:00 PM	766	31,780
6:00 PM	0	28,320
7:00 PM	0	7,910
8:00 PM	0	1,540
9:00 PM	0	300
10:00 PM	0	0
11:00 PM	0	0
12:00 AM	0	0

DECLARATION

I sponsored the answers to Interrogatory No. 1 from **STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-2)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Juan Enjamio

Date: 5/10/19

DECLARATION

I sponsored the answers to Interrogatory No. 2 from **STAFF'S FIRST SET OF INTERROGATORIES (NOS. 2)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Michael W. Sole

Date: 5/14/2019

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FPL's response to Staff's
Second Set of Interrogatories
Nos. 3-11.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 27
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Michael Sole (3-8, 10-11)Renae
Deaton (9)

QUESTION:

Please refer to FPL's witness Deaton's direct testimony.

**Please refer to page 6, lines 22 and 23, and page 7, lines 1 - 10 for projects 19 a and b.
Please explain how the equipment clearances are used for equipment repair.**

RESPONSE:

FPL distribution and transmission substation transformers that require re-gasketing or leak repairs must obtain equipment clearances to be de-energized in order to work on them safely. The term "clearance" means to isolate a piece of equipment so that is de-energized and removed from the FPL system temporarily while work is being performed. An increase in the number of equipment clearances results in an increase in the amount of repair work that can be performed.

QUESTION:

Please refer to page 7, lines 13 - 16 for project 21.

- a. Is it known what caused the “larger than expected volumes of aquatic organisms on the net?”
- b. How does FPL estimate the amount of net cleaning that may take place?

RESPONSE:

- a. A significant amount of aquatic organism deposition (predominantly seaweed) associated with major storms experienced in 2017 remained on the beach near the St. Lucie Plant. Large waves generated by winter storms that followed in 2018 resulted in this seaweed reentering the water in the nearshore area of the ocean where the plant cooling water intakes are located. This seaweed ultimately collected on the turtle nets located in the plant's intake canal. FPL had to remove the seaweed to prevent the nets from being compromised.
- b. FPL estimates annual net cleaning based on historical average removal activity and cannot know with certainty in advance whether a future year will have removal activity in excess or lower than the average year.

QUESTION:

At page 8 witness Deaton testifies that an underrun of approximately \$40 thousand was due to "the deferral of planned pipeline depth of cover work due to the determination by survey that the areas in question are wetlands."

a. Please describe the work that was planned.

b. When is the work now planned to be done?

RESPONSE:

- a. The planned work was intended to identify the areas along the pipeline route where depth of soil cover was less than 3 feet. At those identified locations, FPL would prioritize remedial actions, if any are needed, based on a pipeline integrity risk assessment. As needed, FPL would utilize a third-party to plan, permit and execute depth of cover enhancements, via appropriate methodology, on a case by case basis.
- b. FPL is reevaluating whether there is a need to perform this work. Currently, FPL has not identified any high risk segments that dictate a depth of cover enhancement. High risk segments are segments that have a higher likelihood for third party damage due to unauthorized activities (e.g., excavating). The pipeline is sufficiently identified with pipeline markers and frequently patrolled. These regularly performed pipeline patrols have not discovered a higher likelihood for encroachment and/or unauthorized digging in areas that may have low depth of cover. FPL plans to continue monitoring depth of cover during regularly executed pipeline patrols and remediate as necessary. The pipeline has had minimal use over the past 2 years. No oil was transported on this line in 2018. The pipeline is planned for decommissioning within 2.5 years.

QUESTION:

Please refer to page 11, lines 7 - 12 for project 50. Are the “potential changes to effluent limitations for flue gas desulfurization-related wastewater” included in the Steam Electric Effluent Limitation Guidelines Rule?

RESPONSE:

No. The potential changes are not included in the revised Steam Electric Effluent Guidelines Rule (revised ELG Rule) that became final in 2015.

However, in 2017, the Environmental Protection Agency (EPA) published another rule (postponed ELG Rule) which postponed the earliest compliance dates for the new, more stringent effluent limitations for flue gas desulfurization (FGD) wastewater for a period of two years – from 2018 to 2020. EPA stated in the summary section of the postponed ELG Rule that it intends to conduct another rulemaking to potentially revise several effluent limitations, including those associated with FGD wastewater, currently in the revised ELG Rule.

For this reason, it was prudent to scale back on research and development associated with technologies required to meet the revised ELG Rule requirements until rulemaking is completed.

QUESTION:

Please refer to page 11, lines 16 - 20 for project 41. Are the temporary heaters included in the project amount?

- a. If yes, is that amount O&M or capital and how much is that amount?
- b. If not, why not?

RESPONSE:

No. The temporary heaters that are referenced in the 2018 final true-up variance explanation for the MTHS project were actually rented in 2019, due to delays in the construction of the electric heating system. No costs for temporary heaters were included in the calculation of FPL's 2018 final true-up, and they should not have been referenced in the variance explanation.

- a. N/A
- b. N/A

QUESTION:

Please refer to page 12, lines 4 - 7 for project 54. Has Southern Company Service scheduled the engineering evaluation and analysis of the ash pond project?

- a. If yes, when is the evaluation and analysis scheduled to occur?
- b. If not, why not?

RESPONSE:

Yes.

- a. Detailed engineering and Corrective Action design plans are scheduled for completion in the second quarter of 2020.
- b. N/A

QUESTION:

For each O&M and Capital project, please identify the order number approving the project.

RESPONSE:

Project Number	Project Name	Approval Order
1	Air Operating Permit Fees	PSC-93-1580-FOF-EI
2	Low NOx Burner Technology	PSC-93-1580-FOF-EI
3a	Continuous Emission Monitoring Systems - O&M	PSC-95-0384-FOF-EI
3b	Continuous Emission Monitoring Systems - Capital	PSC-93-1580-FOF-EI
5	Maintenance of Stationary Above Ground Fuel Storage Tanks	PSC-93-1580-FOF-EI
7	Relocate Turbine Lube Oil Underground Piping to Above Ground	PSC-93-1580-FOF-EI
8	Oil Spill Cleanup/Response Equipment	PSC-93-1580-FOF-EI
10	Relocate Storm Water Runoff	PSC-94-0393-FOF-EI
12	Scherer Discharge Pipeline	PSC-94-1207-FOF-EI
NA	Amortization of Gains on Sales of Emissions Allowances	PSC-94-0393-FOF-EI
14	NPDES Permit Fees	PSC-95-1051-FOF-EI
19a	Substation Pollutant Discharge Prevention & Removal - Distribution	PSC-97-1047-FOF-EI
19b	Substation Pollutant Discharge Prevention & Removal - Transmission	PSC-97-1047-FOF-EI
19c	Substation Pollutant Discharge Prevention & Removal - Costs Included in Base Rates	PSC-97-1047-FOF-EI
20	Wastewater Discharge Elimination & Reuse	PSC-98-1764-FOF-EI
21	St. Lucie Turtle Net	PSC-02-1421-PAA-EI
22	Pipeline Integrity Management	PSC-02-1735-FOF-EI
23	Spill Prevention, Control & Countermeasures	PSC-02-1735-FOF-EI
24	Manatee Reburn	PSC-02-1735-FOF-EI
26	UST Replacement/Removal	PSC-03-1348-FOF-EI
27	Lowest Quality Water Source	PSC-03-1348-FOF-EI
28	CWA 316(b) Phase II Rule	PSC-04-0987-PAA-EI
29	SCR Consumables	PSC-04-1187-FOF-EI
31	CAIR Compliance	PSC-05-1251-FOF-EI
33	CAMR Compliance	PSC-06-0972-FOF-EI
34	St. Lucie Cooling Water System Inspection & Maintenance	PSC-07-0922-FOF-EI
35	Martin Plant Drinking Water System Compliance	PSC-07-0922-FOF-EI
36	Low-Level Radioactive Waste Storage	PSC-07-0922-FOF-EI
37	DeSoto Next Generation Solar Energy Center	PSC-08-0775-FOF-EI
38	Space Coast Next Generation Solar Energy Center	PSC-08-0775-FOF-EI
39	Martin Next Generation Solar Energy Center	PSC-08-0775-FOF-EI
41	Manatee Temporary Heating System Project (Cape Canaveral)	PSC-09-0759-FOF-EI
41	Manatee Temporary Heating System Project (Riviera)	PSC-09-0759-FOF-EI
42	Turkey Point Cooling Canal Monitoring Plan	PSC-09-0759-FOF-EI
21	Updated St. Lucie Turtle Net Project	PSC-11-0083-FOF-EI
44	Martin Plant Barley Swamp Iron (BBS-Iron)	PSC-11-0083-FOF-EI

Florida Power & Light Company
Docket No. 20190007-EI
Staff's 2nd Set of Interrogatories
Interrogatory No. 9
Page 2 of 2

Project Number	Project Name	Approval Order
45	800 MW Unit Electro Static Precipitators (ESPs)	PSC-11-0083-FOF-EI
47	NPDES Permit Renewal	PSC-11-0553-FOF-EI
48	Industrial Boiler MACT	PSC-11-0553-FOF-EI
50	Steam Electric Effluent Guidelines Revised Rules Project	PSC-12-0613-FOF-EI
51	Gopher Tortoise Relocations Project	PSC-12-0613-FOF-EI
41	Update to Existing Project - Manatee Temporary Heating System Project (Port Everglades)	PSC-12-0613-FOF-EI
47	Update to Existing Project - NPDES permit Renewal Requirements Projects	PSC-12-0613-FOF-EI
33	Update to Existing Project - CAMR Compliance Project/MATS Project	PSC-12-0613-FOF-EI
25	Update to Existing Project - Port Everglades Electrostatic Precipitators	PSC-12-0613-FOF-EI
54	Coal Combustion Residual Disposal Project	PSC-15-0536-FOF-EI
41	Update to Existing Project - Manatee Temporary Heating System Project (Dania Beach)	PSC-2018-0014-FOF-EI
41	Update to Existing Project - Manatee Temporary Heating System Project (Fort Myers)	PSC-2018-0594-FOF-EI
55	Solar Site Avian Monitoring and Reporting	PSC-2018-0594-FOF-EI

QUESTION:

Please refer to Exhibit MWS-1, page 3 of 7. Please explain the following regarding the remaining gas turbines at the Lauderdale and Fort Myers plants:

- a. Whether or not they are subject to acid rain monitoring requirements; if not, please explain why not.
- b. Whether or not they are subject to the Cross State Air Pollution Rule (CSAPR) monitoring requirements; if not, please explain why not.

RESPONSE:

- a. The remaining gas turbine units at the Lauderdale and Ft. Myers sites are not subject to the Acid Rain Program. These gas turbines commenced commercial operation in August 1970 and May 1974, respectively. Simple combustion turbines that commenced commercial operation before November 15, 1990 are exempt from Acid Rain regulations under 40 CFR Part 72.6 (b)(1).
- b. Currently the existing gas turbines at Lauderdale and Ft. Myers are not subject to the Cross State Air Pollution Rule (CSAPR) monitoring requirements as a result of the EPA CSAPR Rule Update finalized on September 7, 2016. In its revision of the CSAPR modeling of impacts of power plants on downwind areas, the EPA concluded that Florida no longer had significant contributions to the non-attainment areas. Accordingly, gas turbine units, which had continuous emission monitoring solely for the purpose of complying with CSAPR were no longer required to report emissions to EPA under the 40 CFR Part 75 monitoring requirements. The gas turbines at Lauderdale and Ft. Myers are only subject to emission stack testing requirements at this time and are no longer required to report continuous emission data.

QUESTION:

Please refer to Exhibit MWS-1 pages 3 and 4 of 7. What is the amount of SO₂ Acid Rain allowances that FPL has sold?

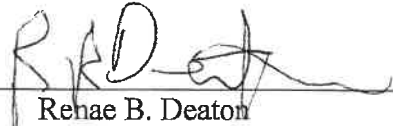
RESPONSE:

FPL has sold a total of 60,155 SO₂ Acid Rain Program (ARP) allowances since FPL's generating units became subject to the allowance requirements of that program. EPA on an annual basis sells allowances withheld from FPL facilities at the annual spot and 7-year forward allowance auction to provide allowances to new facilities that were not allocated allowances under the ARP. FPL posts as credits to its ECRC emissions allowances project all proceeds from allowance sales including both private and EPA sales.

DECLARATION

I sponsored the answer to Interrogatory No. 9 from **STAFF'S SECOND SET OF INTERROGATORIES (NOS. 3-11)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Renae B. Deaton

Date: 5-30-19

DECLARATION

I sponsored the answers to Interrogatory Nos. 3 through 8 and Nos. 10 through 11 from **STAFF'S SECOND SET OF INTERROGATORIES (NOS. 3-11)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Michael W. Sole

Date: May 31, 2019

FPL's response to Staff's First
Request for Production of
Documents No. 1.

**Additional files contained on
Staff Hearing Exhibits CD for
No. 1.**

QUESTION:

Please provide Exhibit RBD-1 in Excel format with the formulas intact.

RESPONSE:

Please see file provided – “20190007 Exhibit RBD-1 Final True-up 2018 Schedules Electronic File.”

Documents responsive to this request are referenced as Bates Nos. ECR-19-00001 through ECR-19-00018.

FPL's response to Staff's Third
Set of Interrogatories No. 12.

**Additional files contained on
Staff Hearing Exhibits CD for
No. 12.**

QUESTION:

Please refer to FPL witness Renae B. Deaton's testimony, filed April 1, 2019, Exhibit RBD-1, Form 42-8A. Staff has calculated a -18 percent difference from the true-up values to the estimated amount, as opposed to FPL's -3.9 percent, for Project 20 – Wastewater Discharge Elimination & Reuse. Please verify the values and formulas in Form 42-8A for Project 20 – Wastewater Discharge Elimination & Reuse.

RESPONSE:

Form 42-6A, Exhibit RBD-1, Page 9 filed April 1, 2019 in Docket 20190007-EI provides the variance in capital investment costs for Project 20 between the amount included in the final true-up filing (Form 42-8A, Exhibit RBD-1, Page 29, Line 9) to the amount included in the 2018 actual/estimated true-up filed on July 25, 2018 in Docket 20180007-EI (Form 42-8E, Exhibit RBD-2, Page 29, Line 9). These amounts are as follows:

Project 20 - Total System Recoverable Capital Investments

2018 Final True-Up Filing	\$74,613
2018 Actual/Estimated True-Up Filing	<u>\$77,613</u>
Variance in Dollars	-\$3,000
Variance in Percent	-3.9%

FPL believes the values and formulas in Exhibit RBD-1, Form 42-8A included in the 2018 Final True-Up and in Exhibit RBD-2, Form 42-8E included in the 2018 Actual/Estimated True-Up for Project 20 are correct. As part of this response, FPL is providing an excel file with formulas intact of Form 42-8A and Form 42-8E for Project 20.

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**FPL's response to OPC's First
Set of Interrogatories Nos. 1-15.**

**Additional files contained on
Staff Hearing Exhibits CD for
No. 14.**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 30
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Juan Enjamio (4, 14-15)Charles
Rote (1-3, 5-8, 10-13)Gerry Yupp(9)

QUESTION:

For the Martin Solar facility, please provide the achieved capacity factor for each of the past twelve months.

RESPONSE:

Martin Next Generation Solar Energy Center (Solar Thermal)

<u>Year</u>	<u>Month</u>	<u>Capacity factor</u>
2018	July	10.6%
2018	August	10.4%
2018	September	8.2%
2018	October	9.2%
2018	November	1.3%
2018	December	1.3%
2019	January	3.30%
2019	February	5.70%
2019	March	7.20%
2019	April	10.30%
2019	May	5.40%
2019	June	1.50%

QUESTION:

Please provide the highest achieved capacity factor for the Martin Solar facility since it was placed into operation.

RESPONSE:

The highest achieved capacity factor for the Martin Solar (Solar Thermal) facility since it was placed in service in December 2010 was 28.20% recorded in May 2015.

QUESTION:

Has the achieved capacity factor for the Martin Solar facility met 23.6% during its operation?

RESPONSE:

Yes. Please see FPL's response to Interrogatory No. 2.

QUESTION:

What was the anticipated rate of capacity reduction by year when the Martin Solar facility was placed into service?

RESPONSE:

The original analysis of the Martin Solar (Solar Thermal) facility, completed before the Martin Solar facility went into service, did not assume any capacity reduction over the life of the project.

QUESTION:

If the Martin Solar facility has not met its anticipated capacity factors each year based on normal solar facilities reduced capacity and the in-service capacity factor of 23.6%, please explain by year why not.

RESPONSE:

The Martin Solar (Solar Thermal) facility has experienced lower than projected energy output every year for the years 2011 through 2019 to date primarily due to FPL system capacity constraints requiring peak fire of Martin 8, adverse weather conditions, and planned and unplanned outages that were executed.

QUESTION:

Please identify all solar facilities that used a Martin Solar facility type of solar thermal technology which were in service prior to the installation of the Martin Solar facility.

RESPONSE:

FPL believes the Martin Solar (Solar Thermal) facility was the first to install the hybrid technology used at the plant.

QUESTION:

Please identify the achieved capacity factors for these similar type Martin Solar facility solar thermal technology facilities.

RESPONSE:

N/A. Please see FPL's response to Interrogatory No. 6.

QUESTION:

If there are no similar facilities to the Martin Solar facility, how was this solar thermal technology developed?

RESPONSE:

FPL paired two existing technologies to create what FPL believes to be a first of its kind hybrid solar-thermal facility. Parabolic-trough solar thermal technology produces steam. This type of technology is utilized in other parts of the U.S. and abroad. A control and piping system allows the steam produced by the solar thermal field to be injected into the Martin Unit 8 heat recovery steam generator under most operating conditions. The steam produced by the solar field incrementally offsets steam that would otherwise be produced by burning gas.

QUESTION:

Please provide the dollar amount for the displaced natural gas, displaced oil, and displaced coal, for each of the last twelve months for the Martin Solar facility.

RESPONSE:

The dollar value of the displaced natural gas, displaced fuel oil, and displaced coal for the Martin Solar (Solar Thermal) facility can be found on page two of Florida Power and Light Company's Solar Plant Operation Status Report filed with the Florida Public Service Commission each month. The links to each of the reports filed on the Florida Public Service Commission website for the last twelve months are provided below.

<http://www.psc.state.fl.us/library/filings/2018/05411-2018/05411-2018.pdf>

<http://www.psc.state.fl.us/library/filings/2018/06145-2018/06145-2018.pdf>

<http://www.psc.state.fl.us/library/filings/2018/06724-2018/06724-2018.pdf>

<http://www.psc.state.fl.us/library/filings/2018/07193-2018/07193-2018.pdf>

<http://www.psc.state.fl.us/library/filings/2018/07607-2018/07607-2018.pdf>

<http://www.psc.state.fl.us/library/filings/2019/00309-2019/00309-2019.pdf>

<http://www.psc.state.fl.us/library/filings/2019/01122-2019/01122-2019.pdf>

<http://www.psc.state.fl.us/library/filings/2019/03214-2019/03214-2019.pdf>

<http://www.psc.state.fl.us/library/filings/2019/03836-2019/03836-2019.pdf>

<http://www.psc.state.fl.us/library/filings/2019/04411-2019/04411-2019.pdf>

<http://www.psc.state.fl.us/library/filings/2019/05022-2019/05022-2019.pdf>

<http://www.psc.state.fl.us/library/filings/2019/05849-2019/05849-2019.pdf>

QUESTION:

Please provide the dollar amount for the O&M expense for each of the last twelve months for the Martin Solar facility.

RESPONSE:

Martin Next Generation Solar Energy Center (Solar Thermal) O&M

<u>Month</u>	<u>Amount</u>
July 2018	\$389,082.52
August 2018	\$294,581.94
September 2018	\$372,353.90
October 2018	\$330,668.21
November 2018	\$508,117.26
December 2018	\$660,983.43
January 2019	\$240,386.84
February 2019	\$199,069.96
March 2019	\$188,746.47
April 2019	\$363,704.95
May 2019	\$443,520.05
June 2019	\$333,687.31

QUESTION:

Please refer to FPL's Solar Plant Operation Status Report for the month of June 2019, page 3. For the period year to date (January - June) 2019, why did the Martin Solar facility achieve such a low capacity factor, as compared to the 23.6% capacity factor FPL projected for the facility when it proposed the project in 2008, as referenced in Order No. PSC-2008-0491-PAA-EI, p. 3?

RESPONSE:

The lower than expected capacity factor resulted from several factors including FPL system capacity constraints requiring peak fire of Martin 8, solar field maintenance resulting in reduced availability, and lower than expected solar resource availability.

QUESTION:

Please refer to FPL's Solar Plant Operation Status Report for the month of June 2019, page 3. For the period year to date (January - June) 2019, why did the Martin Solar facility achieve such a low capacity factor when compared to the Desoto and Space Coast Solar Centers (5.6% compared to 22.8% and 20.3%, respectively)?

RESPONSE:

The Desoto and Space Coast facilities utilize photovoltaic (PV) technology, which is a completely different technology than the Martin Solar (Solar Thermal) concentrated solar power plant hybrid. Additionally, as discussed in FPL's response to Interrogatory No. 11, the Martin Solar facility has experienced lower than expected capacity factors due to FPL system capacity constraints requiring peak fire of Martin 8, solar field maintenance resulting in reduced availability, and lower than expected solar resource availability.

QUESTION:

Does FPL anticipate Martin Solar ever achieving the 23.6% capacity factor it was originally projected to achieve?

RESPONSE:

As referenced in FPL's response to Interrogatory No. 2, the Martin Solar (Solar Thermal) plant has achieved 23.6% monthly capacity factor in the past. Current projections reflect an annual expected capacity factor of 18.9%.

QUESTION:

In FPL's original petition regarding the Martin facility in Docket No. 2008-0281-EI, FPL stated "[o]ver the 30-year life of the project, the Martin Solar project will reduce fossil fuel usage by approximately 41 million MMBtu of natural gas, 591,000 barrels of residual oil and 20,000 barrels of distillate oil." Petition, Docket No. 20008-0281-EI, p. 12. Based on the reduced capacity factor reported by FPL this year, what is the current expected fuel reduction over the 30-year life of the Martin project?

RESPONSE:

The attached table shows the historical fuel reductions through 2018 and projected fuel reductions, beginning in 2019, for the 30-year life of the project. Projected fuel reductions are based on the historical capacity factor over the last 12 months of operation as reported (July 2018 to June 2019). The reduction in the projected fuel displacement, when compared to the original projections in 2008, is due to the fact that the FPL system has become significantly more efficient since 2008 and the reduced 2018-2019 capacity factor.

QUESTION:

Is the Martin Solar facility cost effective today in terms of net generation and capacity factor compared to the cost of the facility (capital plus O&M).


RESPONSE:

The Martin Solar Project (Solar Thermal) was developed in response to Florida's Legislature House Bill 7135 ("HB 7135"). Consistent with HB 7135's emphasis on demonstrating the feasibility and viability of clean, zero greenhouse gas emitting energy systems in Florida, FPL proposed the construction of the Martin Solar Project as well as two other solar projects, all together totaling 110 MW. These three projects were expected to not only generate clean, renewable energy, but to also provide significant information and experience regarding key aspects of siting, constructing and operating different solar technologies at various locations in Florida. A system cost-effectiveness test was not required for projects proposed under HB 7135, and FPL's 2008 testimony supporting Martin Solar and the two other solar facilities projected that they would not be cost-effective. These projects met all the requirements under HB 7135 and were approved by the Commission. As in 2008, this project is still not expected to be cost-effective.

DECLARATION

I sponsored the answer to Interrogatory Nos. 4, 14-15 from **CITIZEN'S FIRST SET OF INTERROGATORIES (NOS. 1-15)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Juan Enjamio

Date: 8/14/2019

DECLARATION

I sponsored the answer to Interrogatory Nos. 1-3, 5-8 and 10-13 from **CITIZEN'S FIRST SET OF INTERROGATORIES (NOS. 1-15)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

Charles Rote

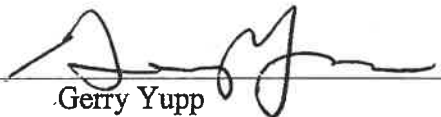
Charles Rote

Date: 8/14/2019

DECLARATION

I sponsored the answer to Interrogatory No. 9 from **CITIZEN'S FIRST SET OF INTERROGATORIES (NOS. 1-15)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.


Gerry Yupp

Date: 8 / 14 / 19

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FPL's response to Staff's
Fourth Set of Interrogatories
Nos. 13-14.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 31
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Michael W. Sole (13a-c), (14a,
c)Renae Deaton (14b)

QUESTION:

For the following questions, please refer to FPL witness Renae Deaton's testimony, and Exhibit RBD-2, Form 42-4E-1, filed on July 26, 2019.

- a. For the NA-Amortization of Gains on Sales of Emissions Allowances project, please explain in detail the reason for the 54 percent increase of O&M activities.
- b. For project 35-Martin Plant Drinking Water System Compliance, please explain in detail why the 2019 Actual/Estimated filing is \$33,137 for O&M expenses, when the 2019 Projected filing was \$0.
- c. For project 41-Manatee Temporary Heating System, please identify whether the variance for O&M activities was due to in-service delays of the heating systems as witness Deaton testified on page 9, lines 18-23, and page 10, lines 1-5. If not, please explain in detail the reason for the 18.1 percent decrease.

RESPONSE:

- a. The Gains on Sales of Emissions Allowances was \$149.00 or 54% more than projected. The gain is treated as a credit to O&M expense. An increase in the gain lowers O&M costs and therefore is not an increase in O&M activities. FPL's deferred gains on allowance sales is the sum of the current vintage year allowances auctioned in the annual spot market by EPA and the 7-year forward allowances auctioned by EPA previously. FPL holds the proceeds of the 7-year forward allowances in a tax deferred account until the year in which those allowances can be used. FPL projects its annual gains based on those allowances which had been sold 7 years previously and what it anticipates EPA's auction results for the next year's spot market will be in the following year. EPA's results for the 2019 allowance sale proceeds of current vintage year allowances was \$149 greater than projected due to an increase of \$0.01 in the spot market allowance price over the prior year's spot market results.
- b. FPL planned to retire the Martin Plant Drinking Water System on December 31, 2018, along with Martin Plant Units 1&2, and replace it with a direct connection to Indiantown water. Therefore, the amount originally projected for 2019 was \$0. However, the connection to Indiantown water was not completed within the forecasted timeframe. The Martin Plant Drinking Water System has remained in service and therefore O&M expenses were incurred. The Indiantown water connection is currently in progress and expected to be completed by year-end 2019.
- c. The variance in O&M for Project 41 was not due to in-service delays of the heating systems. The variance was due to a delay in processing four invoices totaling \$30,655 in the first half of 2019 that should have been included in actual costs. In addition, the October 2019 monitoring budget was reduced by approximately \$5,000 after comparing the amount spent in October 2018.

QUESTION:

For the following questions, please refer to witness Deaton's testimony, and Exhibit RBD-2, Form 42-6E-1, filed on July 26, 2019.

- a. For project 8- Oil Spill Cleanup/Response Equipment, please identify whether the 15.8 percent increase in capital costs was due to the sale of surplus oil spill response equipment, as witness Deaton testified on page 4, lines 17-19. If not, please explain in detail the reason for the variance.
- b. For project 20-Wastewater Discharge Elimination & Reuse, please explain in detail the reason for the 43.9 percent decrease in capital costs.
- c. For project 28-CWA 316(b) Phase II Rule, please identify whether the 31.2 percent decrease in capital costs was due to a decrease in horseshoe crab barriers. If not, please explain in detail the reason for the variance.

RESPONSE:

- a. The reason for the \$26,881, or 15.8 percent increase in capital costs was not related to the O&M variance resulting from the sale of surplus oil response equipment. The increase was primarily due to moving \$1.3 million from Project 23 to Project 8, for placing an oil boom into service at the Manatee Plant, as discussed in witness Deaton's July 26, 2019 testimony starting on page 9 line 5. Additionally, \$252,000 for an oil boom for the Port Everglades Plant was added to the budget. Finally, the remainder of the variance was attributable to a delay of a boat motor delivery from 2018 to 2019.
- b. The reason for the \$32,669 or 43.9 percent reduction in capital costs is due primarily to the retirements of Martin Plant Units 1 and 2 in December 2018, which affected the projection filings. FPL had projected \$35,397 in depreciation expense for this project, however depreciation stops once the plants are retired.
- c. The decrease in capital costs of 31.2% was not due to a decrease in horseshoe crab barriers. Rather, the decrease in capital costs was due to a delay in the construction of an engineered horseshoe crab return system. The installed horseshoe crab barrier has proven effective in reducing the number of horseshoe crabs that are impacted by the Cape Canaveral Plant cooling water intake. However, some horseshoe crabs do get past the barrier. The facility's Florida Department of Environmental Protection Industrial Wastewater Permit requires that fish, shellfish and other aquatic organisms, such as horseshoe crabs, that are trapped on the cooling water intake screens be returned to their natural environment. Currently, horseshoe crabs are collected manually from the plant intake and released into the Indian River. A permanent, engineered return solution, that would be less labor intensive, was scheduled for construction in early 2019. However, the timeframe for installation of this engineered solution has been delayed to late 2019, pending further Florida Fish and Wildlife Conservation Commission direction.

DECLARATION

I sponsored the answers to Interrogatory Nos. 13(a,b,c) and 14(a,c) from **STAFF'S FOURTH SET OF INTERROGATORIES (NOS. 13-14)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.




Michael W. Sole

Date: 9/13/2019

DECLARATION

I sponsored the answer to Interrogatory No. 14(b) from **STAFF'S FOURTH SET OF INTERROGATORIES (NOS. 13-14)** to Florida Power & Light Company in Docket No. 20190007-EL. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Renae B. Deaton

Date: 7-11-19

32

FPL's response to Staff's Fifth
Set of Interrogatories Nos. 15-
16.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 32
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Renae Deaton (15-16)

QUESTION:

Please identify what the 2020 ECRC residential bill impact is for 1,000 KWh, and for 1,200 KWh.

RESPONSE:

The 2020 ECRC residential charge for a customer using 1,000 kWh is \$1.55 which is a decrease of \$0.04 from the current charge of \$1.59. The 2020 ECRC residential charge for a residential customer using 1,200 kWh is \$1.86 which is a decrease of \$0.05 from the current charge \$1.91.

QUESTION:

Please identify what the 2020 ECRC percentage of the total residential monthly bill is for 1,000 KWh, and for 1,200 KWh.

RESPONSE:

The 2020 ECRC charge of \$1.55 is 1.6% of the total residential monthly bill of \$96.33 for 1,000 kWh. The 2020 ECRC charge of \$1.86 is 1.6% of the total residential monthly bill for of \$118.11 for 1,200 kWh.

DECLARATION

I sponsored the answer to Interrogatory Nos. 15 and 16 from **STAFF'S FIFTH SET OF INTERROGATORIES (NOS. 15-16)** to Florida Power & Light Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Renae B. Deaton

Date: _____

18-8-19

DEF's response to Staff's First Set of Interrogatories No. 1.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 33
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Benjamin Borsch(1)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 20190007-EI

Dated: May 2, 2019

**DUKE ENERGY FLORIDA, LLC's RESPONSE TO
STAFF'S FIRST SET OF INTERROGATORIES (NO. 1)**

Duke Energy Florida, LLC ("DEF"), responds to Staff's First Set of Interrogatories to DEF (No. 1), as follows:

INTERROGATORIES

DEF Solar Report

Please refer to DEF's Solar Plant Operations Status Report dated March 28, 2019, for the following question.

1. For DEF's Hamilton solar project, please complete the following tables.

Solar Project Name	
	Projected Net Generation (MWh)
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

Solar Project Name			
	NG Displaced (MCF)	Oil Displaced (Bbl)	Coal Displaced (Ton)
Projected for a year			

Solar Project Name				
	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
Projected for a year				

Solar Project Name		
	Projected Peak Day Performance	
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)
1:00 AM		
2:00 AM		
3:00 AM		
4:00 AM		
5:00 AM		
6:00 AM		
7:00 AM		
8:00 AM		
9:00 AM		
10:00 AM		
11:00 AM		
12:00 PM		
1:00 PM		
2:00 PM		
3:00 PM		
4:00 PM		
5:00 PM		
6:00 PM		
7:00 PM		
8:00 PM		
9:00 PM		
10:00 PM		
11:00 PM		
12:00 AM		

Answer:

	Solar Project Name
Projected Net Generation (MWh)	
January	11,910
February	13,040
March	17,440
April	19,010
May	21,360
June	19,180
July	19,610
August	17,780
September	15,890
October	16,080
November	12,900
December	10,460

	Solar Project Name		
	NG Displaced (MCF)	Oil Displaced (Bbl)	Coal Displaced (Ton)
Projected for a year	1,440,714	-2,855	2,984

	Solar Project Name			
	CO2 Reductions (Tons)	NOx Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (Tons)
Projected for a year	93,660	50	-10	0

Projected Peak Day Performance				
Time of Day	Winter Peak Day (Kw) (January)	Avg Hourly (Kw) (January)	Summer Peak Day (Kw) (August)	Avg Hourly (Kw) (August)
1:00 AM	0.0	0.0	0.0	0.0
2:00 AM	0.0	0.0	0.0	0.0
3:00 AM	0.0	0.0	0.0	0.0
4:00 AM	0.0	0.0	0.0	0.0
5:00 AM	0.0	0.0	0.0	0.0
6:00 AM	0.0	0.0	0.0	0.0
7:00 AM	0.0	0.0	0.0	0.0
8:00 AM	0.0	0.0	5.7	3.5
9:00 AM	38.1	21.9	47.9	31.5
10:00 AM	70.0	43.9	68.6	49.1
11:00 AM	70.1	47.8	73.4	55.9
12:00 PM	67.3	48.1	73.1	63.4
1:00 PM	64.9	45.0	73.4	62.2
2:00 PM	65.2	45.3	73.4	63.2
3:00 PM	67.5	44.8	73.4	62.6
4:00 PM	69.5	44.5	48.0	59.0
5:00 PM	61.7	37.3	62.7	49.2
6:00 PM	12.3	5.7	69.9	41.6
7:00 PM	0.0	0.0	54.7	26.0
8:00 PM	0.0	0.0	13.8	6.3
9:00 PM	0.0	0.0	0.0	0.0
10:00 PM	0.0	0.0	0.0	0.0
11:00 PM	0.0	0.0	0.0	0.0
12:00 AM	0.0	0.0	0.0	0.0

All projected values were developed for use in Docket 20180149-EI to project the performance of the solar plant over a 30-year period. These values use 8 years of location specific historic locational solar irradiance data to create a projected irradiance year, similar to the development of a “weather normal” year for load forecasting. These projected values are the best available data for the projection of long term unit performance through the life cycle of the solar plant, but may or may not be realized in any specific calendar year or month.

- Data is provided for the projected year 2019. Forecasted data for any specific future month or year will vary due to changes in anticipated solar plant performance and changes in the total DEF system make up and performance.
- Data provided in the responses to the second and third tables (fuel displaced, and emissions avoided) are as provided in Staff’s First Interrogatories in Docket 20180149-EI, questions 10 and 11.
- The monthly and peak day generation data are consistent with the generation totals provided in that docket.
- In its response to the table requesting Peak Day Performance, DEF has (1) adjusted the summer peak-day month to August consistent with DEF’s projected summer peak; and (2) provided data for the specific day which aligns with the projected peak for each month as well as the more representative value of the average for the peak month.

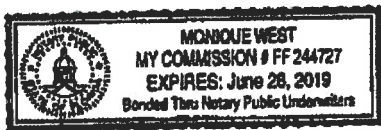
AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 2nd day of May, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared BENJAMIN BORSCH, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory number 1 from STAFF'S FIRST SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NO. 1) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 2nd day of May, 2019.



Benjamin M. Borsch
Benjamin Borsch

Monique West
Notary Public
State of Florida at Large

My Commission Expires:

June 28, 2019

DEF's response to Staff's
Second Set of Interrogatories
Nos. 2-10.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 34
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Jeffery Swartz (2-4, 10)Kimberly
McDaniel (5-8, 10)Tim Hill (9-10)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 20190007-EI

Dated: July 22, 2019

**DUKE ENERGY FLORIDA, LLC's RESPONSE TO
STAFF'S SECOND SET OF INTERROGATORIES (NOS. 2-10)**

Duke Energy Florida, LLC ("DEF"), responds to Staff's Second Set of Interrogatories to DEF (Nos. 2-10), as follows:

INTERROGATORIES

2. Please refer to DEF witness Christopher A. Menendez's testimony, filed March 29, 2019, Exhibit CAM-1, Form 42-4A. Please explain in detail the reason for the operation and maintenance (O&M) cost variance of \$26,522, or 28 percent lower than projected for Project 7.4, Clean Air Interstate Rule/Clean Air Mercury Rule (CAIR/CAMR) Crystal River – A&G.

Answer:

The O&M variance primarily represents benefits expense and payroll taxes for A&G labor, which was inadvertently charged to CAIR/CAMR Crystal River – Base, rather than CAIR/CAMR Crystal River – A&G. Given that the overall impact to the ECRC Final True-Up for 2018 is de-minimus and slightly favorable to retail customers, DEF did not amend the 2018 Final TU Filing. DEF has made the necessary corrections to reflect these charges on the A&G line in 2019 for 2019 labor charges.

3. Please refer to DEF witness Jeffrey Swartz's testimony, filed March 29, 2019, page 4, lines 1-4. Please explain in detail how the in-service timing of the project "resulted in lower labor charges than originally forecasted."

Answer:

In DEF's 2018 ECRC Projection Filing, DEF estimated the Crystal River Waste Water Treatment (WWT) project to be placed in-service in November 2018; the project was actually placed in-service in February 2019. The change in in-service timing resulted in DEF incurring lower labor and other O&M expenses in 2018 than originally forecasted.

4. Please refer to witness Swartz's testimony filed March 29, 2019, page 4, lines 16-18.

- a. Please describe in detail the weather event(s) that impacted the labor costs for the CAIR Crystal River Project – Conditions of Certification project.

- b. Please explain in detail how the weather event(s) affected labor costs.

Answer:

- a. The Project Implementation Contractors and Duke Oversight Team experienced an unusually high volume of Rain and Lightning during several months of construction. As a result, the in-service date of the WWT facility was shifted to February 2019. Additionally, Hurricane Michael had to be mitigated by demobilizing Heavy Construction Equipment and resources to ensure Work Force Safety and Environmental Events were eliminated.
- b. The weather events resulted in lost work hours including to shelter-in-place orders and an extremely high volume of lightning flashes. One hundred and twelve (112) separate shelter-in-place orders were issued; these are representative for lightning strikes within an eight-mile radius of the project site. These translated to approximately 18,233 work-hours of impacted labor representing approximately \$1.2 million of increased project cost. Additionally, the addition of Saturday shifts resulted in approximately \$0.3 million of increased labor costs.

5. Please refer to DEF witness Kim Spence McDaniel's testimony, filed March 29, 2019, page 4, lines 9-11. Please explain why DEF did not charge any costs to the Distribution System Environmental Investigation, Remediation, and Pollution Prevention Project in 2018.

Answer:

DEF's expenses for this project were inadvertently charged to a base rate recoverable account rather than the ECRC-recoverable account. In this particular instance, DEF chose not to amend the 2018 Final TU Filing. As a result, there were no charges to this project in 2018.

6. Please refer to witness McDaniel's testimony filed March 29, 2019, page 4, lines 17-21. Please explain in detail how the installation of new pumps was needed to meet 316(b) compliance.

Answer:

The CRN 316(b) project was previously approved in Order No. PSC-2018-0014-FOF-EI, and the pumps were a component of the approved CRN 316(b) compliance plan. The existing cooling water intake structure (CWIS) for Crystal River North does not meet the 316(b) rule compliance requirements for impingement minimization due to flow volumes, an actual intake through screen velocity of greater than 0.5 feet per second, and no capability for flow control. A Crystal River 316(b) compliance plan was developed to meet rule objectives by recycling process water from the Citrus Combined Cycle plant for use as makeup water to the Crystal River North closed-cycle cooling towers. Under the plan, to ensure CRN unit reliability, the CRN CWIS will be re-purposed for potential use under emergency conditions resulting in the loss of makeup water from Citrus CC. The existing

CRN CWIS pumps, which are not suited nor reliable for emergency use, will be replaced with new pumps with lower capacity and/or variable frequency drives that are appropriate for emergency operation.

7. Please refer to witness McDaniel's testimony filed March 29, 2019, page 4, lines 21-24, and page 5, lines 1-3. Please explain how accelerating the studies "maximize[d] the efficient use of internal resources in conducting these analyses."

Answer:

Scheduling for the effort to populate and run complex engineering analysis modelling for compliance option evaluation was accelerated to benefit from modelling time availability and efficient resource utilization.

8. Please refer to DEF witness McDaniel's testimony, filed March 29, 2019 page 5, lines 8-12.

- a. Please identify who made the lighting request for the retrofit of 54 lights.
- b. Please explain whether the retrofit of the 54 lights was to ensure compliance with the sea turtle ordinances in that area.
- c. If yes, please explain why the retrofit was not completed prior to the request.
- d. If no, please explain in detail the reason for the retrofit of the lights.

Answer:

- a. The initial retrofit of 54 lights to LED lights on Eldorado Avenue, Clearwater Beach, City of Clearwater, FL was conducted at the request of the City of Clearwater. An anonymous caller contacted the DEF Environmental Concerns Line with concerns that the newly installed LED lights would shine artificial light onto the beach affecting turtle nesting.
- b. Yes. After receiving notice of the concerns with the LED lighting, DEF acted quickly to retrofit the LED lights with amber lenses to ensure concerns over potential impacts to the turtles was addressed and in compliance with the sea turtle ordinance.
- c. During the initial request to retrofit existing lights to LED lights, DEF was unaware that the new LED lights would impact the turtles. Upon becoming aware of the potential impact to the turtles, DEF acted quickly to address them by retrofitting the LED lights with amber lenses to comply with the sea turtle ordinance. DEF is, however, choosing to remove the cost the amber lighting retrofit from ECRC recovery.
- d. n/a

9. Please refer to DEF witness Timothy Hill's testimony, filed March 29, 2019, page 3, lines 8-11. Please explain in detail why the "expenses associated with flue gas desulfurization

("FGD") dewatering and solids removal" will be incurred in 2019, rather than in 2018 as was originally projected.

Answer:

DEF initiated the dewatering and solids removal from the FGD blowdown ponds in May 2018 to help ensure the compliance date for pond closure could be met, with an initial focus on water removal and proof of concept regarding the ability to process material. Actual 2018 spend was less than forecasted due to delays in dewatering caused by high water levels in the receiving South Percolation Ponds, which limited allowable dewatering rates during the summer and fall. A significant storm event in mid-December also contributed to these delays. The shift to the WWT facility's in-service date to February 2019 also caused a corresponding shift in taking the FGD blowdown ponds from service, as the ponds were required to be in service until the wastewater treatment plant was placed in service. This also contributed to the limited work on pond dewatering and solids removal in 2018. As a result of these factors, a portion of the spending forecasted for 2018 was shifted to 2019.

10. Please refer to witness Menendez's testimony, filed March 29, 2019, Exhibit CAM-1, Forms 42-4A and 42-6A. For each O&M and Capital project, please list the order number approving that project, as well as the date of approval.

Answer:

Exhibit CAM-1 (Form 42-4A) "Description of O&M Activities" Page 5 of 27		Order	Date
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	PSC-2002-1735-FOF-EI	12/10/2002
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	PSC-2002-1735-FOF-EI	12/10/2002
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	PSC-2002-1735-FOF-EI	12/10/2002
3	Pipeline Integrity Management - Bartow /Anclote Pipeline - Intm	PSC-2003-1348-FOF-EI	11/25/2003
4	Above Ground Tank Secondary Containment	PSC-2003-1348-FOF-EI	11/25/2003
5	SO2/NOx Emissions Allowances - Energy	PSC-1995-0450-FOF-EI	4/6/1995
6	Phase II Cooling Water Intake 316(b) - Base	PSC-2004-0990-PAA-EI, PSC-2018-0014-FOF-EI	10/11/2004, 1/5/2018
6a	Phase II Cooling Water Intake 316(b) - Intm	PSC-2004-0990-PAA-EI, PSC-2018-0014-FOF-EI	10/11/2004, 1/5/2018
7.2	CAIR/CAMR - Peaking - Demand	PSC-2007-0922-FOF-EI	11/16/2007
7.4	CAIR/CAMR Crystal River - Base	PSC-2007-0922-FOF-EI	11/16/2007
7.4	CAIR/CAMR Crystal River - Energy	PSC-2007-0922-FOF-EI	11/16/2007
7.4	CAIR/CAMR Crystal River - A&G	PSC-2007-0922-FOF-EI	11/16/2007

7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	PSC-2007-0922-FOF-EI	11/16/2007
7.5	Best Available Retrofit Technology (BART) - Energy	PSC-2007-0922-FOF-EI	11/16/2007
8	Arsenic Groundwater Standard - Base	PSC-2005-1251-FOF-EI	11/22/2005
9	Sea Turtle - Coastal Street Lighting - Distrib	PSC-2005-1251-FOF-EI	11/22/2005
11	Modular Cooling Towers - Base	PSC-2007-0722-FOF-EI	9/5/2007
12	Greenhouse Gas Inventory and Reporting - Energy	PSC-2008-0775-FOF-EI	11/24/2008
13	Mercury Total Daily Maximum Loads Monitoring - Energy	PSC-2009-0759-FOF-EI	11/18/2009
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	PSC-2010-0099-PAA-EI	2/22/2010
15	Effluent Limitation Guidelines ICR Program - Energy	PSC-2010-0683-PAA-EI	11/15/2010
15.1	Effluent Limitation Guidelines Program CRN - Energy	PSC-2013-0606-FOF-EI	11/19/2013
16	National Pollutant Discharge Elimination System (NPDES) - Energy	PSC-2011-0553-FOF-EI	12/7/2011
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	PSC-2011-0553-FOF-EI, PSC-2012-0432-PAA-EI, PSC-2014-0173-PAA-EI	12/7/2011, 8/20/2012, 4/16/2014
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	PSC-2012-0432-PAA-EI	8/20/2012
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	PSC-2014-0173-PAA-EI	4/16/2014
18	Coal Combustion Residual (CCR) Rule - Energy	PSC-2015-0536-FOF-EI	11/19/2015
Exhibit CAM-1 (Form 42-6A) "Description of Capital Investment Activities" Page 7 of 27			
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline	PSC-2003-1348-FOF-EI	11/25/2003
4.x	Above Ground Tank Secondary Containment	PSC-2003-1348-FOF-EI	11/25/2003
5	SO2/NOx Emissions Allowances	PSC-1995-0450-FOF-EI	4/6/1995
6	Phase II Cooling Water Intake 316(b)	PSC-2004-0990-PAA-EI, PSC-2018-0014-FOF-EI	10/11/2004, 1/5/2018
7.x	CAIR/CAMR	PSC-2007-0922-FOF-EI	11/16/2007
9	Sea Turtle - Coastal Street Lighting	PSC-2005-1251-FOF-EI	11/22/2005
10.x	Underground Storage Tanks	PSC-2005-1251-FOF-EI	11/22/2005
11	Modular Cooling Towers	PSC-2007-0722-FOF-EI	9/5/2007
11.1	Crystal River Thermal Discharge Compliance Project	PSC-2008-0775-FOF-EI	11/24/2008
15.1	Effluent Limitation Guidelines CRN (ELG)	PSC-2013-0606-FOF-EI	11/19/2013
16	National Pollutant Discharge Elimination System (NPDES)	PSC-2011-0553-FOF-EI	12/7/2011
17x	Mercury & Air Toxics Standards (MATS)	PSC-2011-0553-FOF-EI, PSC-2012-0432-PAA-EI, PSC-2014-0173-PAA-EI	12/7/2011, 8/20/2012, 4/16/2014
18	Coal Combustion Residual (CCR) Rule	PSC-2015-0536-FOF-EI	11/19/2015

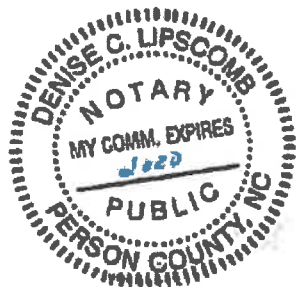
AFFIDAVIT

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

I hereby certify that on this 22 day of July, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared TIM S. HILL, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 9 and 10, from STAFF'S SECOND SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 2-10) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 22 day of July, 2019.



Tim S. Hill
Tim S. Hill

Denise C. Lipscomb
Notary Public
State of North Carolina

My Commission Expires:
2020



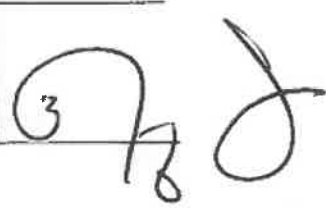
AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 5th day of August, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared KIMBERLY MCDANIEL, who is personally known to me, and she acknowledged before me that she provided the answers to interrogatory numbers 5, 6, 7, 8, and 10, from STAFF'S SECOND SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 2-10) in Docket No. 20190007-EI, and that the responses are true and correct based on her personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 5 day of August, 2019.


Kimberly McDaniel

Notary Public
State of Florida, at Large


My Commission Expires:

May 8th 2023

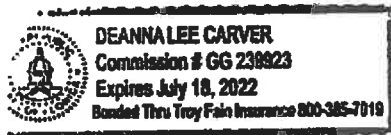
AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 31st day of July, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared JEFFREY SWARTZ, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 2, 3, 4, and 10, from STAFF'S SECOND SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 2-10) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 31st day of July, 2019.



Jeffrey Swartz

Deanna Lee Carver
Notary Public
State of Florida, at Large

My Commission Expires:

July 18, 2022

DEF's response to Staff's Third
Set of Interrogatories Nos. 11-
12.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 35
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Tim Hill (11-12)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 20190007-EI

Dated: August 5, 2019

**DUKE ENERGY FLORIDA, LLC's RESPONSE TO
STAFF'S THIRD SET OF INTERROGATORIES (NOS. 11-12)**

Duke Energy Florida, LLC ("DEF"), responds to Staff's Third Set of Interrogatories to DEF (Nos. 11-12), as follows:

INTERROGATORIES

11. Please identify and describe in detail each capital expenditure and operation and maintenance (O&M) expense that has been incurred in 2019 and that is related to the Crystal River Coal Combustion Residual ("CCR") Ash Landfill project.

Answer:

As described in Section 4.4 of DEF's Assessment of Corrective Measures ("ACM"), provided in DEF's Response to Staff's First Production of Documents Request No. 1, the objective of the ACM is to provide a high-level assessment of measures that address Site Statistically Significant Levels and Site conditions. In order to select the appropriate compliance option, DEF must perform preliminary engineering, conceptual designs and analysis, as described in DEF's New Project Letter, provided July 3, 2019 in the instant docket and DEF Witness Hill's 2019 Projection Testimony, provided August 23, 2018 in Docket 20180007-EI. In 2019, DEF estimates approximately \$42k of O&M will be incurred from July through December to begin performing these tasks. DEF does not expect to incur capital expenditures in 2019.

12. For each estimated capital expenditure and O&M expense related to the Crystal River CCR Ash Landfill project, please describe in detail how DEF developed its estimates. As part of your answer, please identify and describe each of the sources relied on for each estimate.

Answer:

The estimates for expenses related to this project were obtained from a competitively bid contract for landfill engineering services and estimated labor hours to complete each task. A vendor proposal with scope of work, schedule, labor hours and pricing information, conceptual design options developed to support the Assessment of Corrective Measures, and DEF's project controls and cost estimating team's recent experience with actual costs on similar projects in other regions were the primary sources relied on for the current estimates.

AFFIDAVIT

STATE OF NORTH CAROLINA

COUNTY OF MECKLENBURG

I hereby certify that on this 6th day of August, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared TIM S. HILL, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 11 and 12, from STAFF'S THIRD SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 11-12) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 6 day of August, 2019.



A handwritten signature in blue ink, appearing to read "Tim Hill", written over a horizontal line.

Tim S. Hill

A handwritten signature in blue ink, appearing to read "Holly Niemann", written over a horizontal line.

Notary Public
State of North Carolina

My Commission Expires: 6/30/21

DEF's response to Staff's First
Request for Production of
Documents No. 1.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 36
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: DEF's response to Staff's First
Request for Production of Documents No. 1.
[Bates Nos. 00075-00156]

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 20190007-EI

Dated: August 5, 2019

**DUKE ENERGY FLORIDA, LLC's RESPONSE TO
STAFF'S FIRST REQUEST FOR PRODUCTION OF DOCUMENTS (NO. 1)**

Duke Energy Florida, LLC ("DEF"), responds to Staff's First Request for Production of Documents (No. 1), as follows:

REQUESTS

For the following question, please refer to DEF's July 3, 2019, electronic filing in Docket No. 20190007-EI.

1. Please provide a copy of the final Assessment of Corrective Measures report for the Crystal River Coal Combustion Residual ("CCR") Ash Landfill project.

Response:

The requested document is attached bearing bates number 20190007-DEF-000001 - 20190007-DEF-000080. In accordance with 40 CFR § 257.106(h)(8), the requested document was posted to the publicly accessible CCR Rule Compliance Data and Information website for the Duke Energy Florida, LLC, Crystal River Energy Complex (<https://www.duke-energy.com/our-company/environment/compliance-and-reporting/ccr-rule-compliance-data>). The document may also be downloaded from this website.



engineers | scientists | innovators



CCR ASSESSMENT OF CORRECTIVE MEASURES REPORT

**Ash Storage/Disposal Area
Crystal River Energy Complex
15760 W. Power Line Street
Crystal River, Citrus County, Florida**

Prepared for

Duke Energy Florida, LLC

Prepared by

Geosyntec Consultants, Inc.
12802 Tampa Oaks Blvd., Suite 151
Tampa, Florida 33637

Project FR3319

June 2019

20190007-DEF-000001

20190007-EI Staff Hearing Exhibits 00077

CCR Assessment of Corrective Measures Report

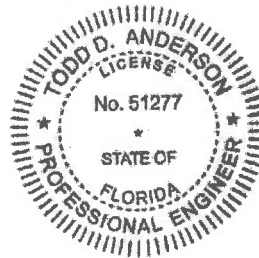
Ash Storage/Disposal Area Crystal River Energy Complex

Prepared for

Duke Energy Florida, LLC

Prepared by

Geosyntec Consultants, Inc.
12802 Tampa Oaks Blvd., Suite 151
Tampa, FL 33637



Digitally signed
by Todd D.
Anderson, PE
Date:
2019.06.19
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A handwritten signature in blue ink that reads "Michael M. Lodato".

Michael Lodato, P.G.
Principal

Todd Anderson, P.E. - Florida PE No. 51277
Senior Engineer

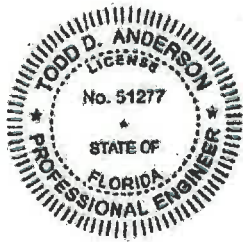
Project Number: FR3319/06

June 2019

CERTIFICATION STATEMENT

Need for Additional Time to Complete Assessment of Corrective Measures 60-Day Extension

Pursuant to 40 C.F.R. § 257.96(a), the undersigned, being a qualified professional engineer, as that term is defined under 40 C.F.R. § 257.53, hereby certifies that a 60-day extension is required to complete the Assessment of Corrective Measures for the Ash Storage/Disposal Area at the Crystal River Energy Complex in Crystal River, Florida due to site-specific circumstances. Additional wells were installed to better define the nature and extent characterization currently being conducted in accordance with 40 C.F.R. § 257.95(g)(1) to evaluate relevant site conditions that may affect the remedy ultimately selected. Additional time is required to examine sample results from the expanded monitoring well network.



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by Todd D.
Anderson, PE
Date: 2019.04.09
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[P.E. Signature]

09 April 2019

[Date]

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ACRONYMS AND ABBREVIATIONS

ACM	Assessment of Corrective Measures
AS/DA	Ash Storage/Disposal Area
ASD	Alternate Source Determination
BLS	Below Land Surface
CCCP	Citrus Combined Cycle Plant
CCR	Coal Combustion Residuals
CFR	Code of Federal Regulations
cm/s	Centimeters per Second
COI	Constituent of Interest
CSM	Conceptual Site Model
Duke Energy	Duke Energy Florida, LLC
ft	Feet
GCL	Geosynthetic Clay Liner
GWPS	Groundwater Protection Standard
MNA	Monitored Natural Attenuation
NAVD88	North American Vertical Datum, 1988
NPDES	National Pollutant Discharge Elimination System
PRB	Permeable Reactive Barrier
RCRA	Resource Conservation and Recovery Act
SAS	Surficial Aquifer System
SSL	Statistically Significant Level
UFA	Upper Floridan Aquifer
USD	Undifferentiated Surficial Deposits
USEPA	United States Environmental Protection Agency

1. REQUIREMENTS

This report was prepared to meet the requirements found in the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule, 40 Code of Federal Regulations (CFR) § 257.96. This section of the rule requires an Assessment of Corrective Measures (ACM) when any constituents listed in Appendix IV of the rule have been detected at a statistically significant level (SSL) exceeding groundwater protection standards (GWPS), and the owner or operator has been unable to demonstrate that the exceedance was caused by a source other than the CCR unit. One or more Appendix IV parameters were detected above an SSL exceeding a GWPS at the Duke Energy Florida, LLC (Duke Energy) Crystal River Energy Complex (CREC, or the Site) Ash Storage/Disposal Area (AS/DA), located in Citrus County, Florida (**Figure 1**). This report provides details regarding any GWPS exceedances for this Site and documents the fulfillment of the requirement to conduct an ACM.

1.1 Requirements for ACM Preparation in 40 CFR 257.96(a)

The CCR Rule in 40 CFR § 257.96(a) requires that an owner or operator initiate an assessment of corrective measures to prevent further release, to remediate any releases, and to restore affected areas to original conditions if any Appendix IV constituent has been detected at an SSL exceeding a GWPS. The assessment of corrective measures must be completed within 90 days after initiating the ACM. The CCR Rule allows up to an additional 60 days to complete the ACM if a demonstration is made that more time is needed due to site-specific conditions or circumstances. A certification from a qualified professional engineer attesting that the demonstration is accurate is required. The owner or operator must include the certified demonstration in the annual groundwater monitoring and corrective action report required by § 257.90(e). For informational purposes the 60 day extension is included in this report immediately behind the cover page.

1.2 Requirements for ACM Content in 40 CFR 257.96(c)

The CCR Rule in 40 CFR § 257.96(c) states the following:

The assessment under paragraph (a) of this section must include an analysis of the effectiveness of potential corrective measures in meeting all of the requirements and objectives of the remedy as described under § 257.97 addressing at least the following:

- (1) The performance, reliability, ease of implementation, and potential impacts of appropriate potential remedies, including safety impacts, cross-media impacts, and control of exposure to any residual contamination;*
- (2) The time required to begin and complete the remedy;*
- (3) The institutional requirements, such as state or local permit requirements or other environmental or public health requirements that may substantially affect implementation of the remedy(s).*

These requirements form the basis for the evaluation of potential corrective measure remedial technologies outlined in this report. Potential remedial technologies are listed in **Section 4.3** and

described in **Appendix A**. Potential technologies are evaluated against these requirements in **Appendix B**, as described in **Section 4.4** and summarized in **Table 1**. Therefore, this document supports compliance with § 257.96(c) of the CCR Rule.

1.3 Requirements for Remedy Selection in 40 CFR § 257.97

Following preparation of this ACM Report and the public meeting required in § 257.96(e), the process of remedy selection will begin to select a remedy or remedies that meet(s) the requirements of § 257.97(b) of the CCR Rule, consider(s) the standards in § 257.97(c), and address(es) the schedule and other factors specified in § 257.97(d). Once a remedy is selected, a final remedy selection report must be prepared to document details of the selected remedy and how the selected remedy meets § 257.97 requirements. **Appendix C** outlines the selection of remedy requirements found in § 257.97. In the event a final remedy is not able to be selected without further study or consideration, § 257.97 requires a semi-annual report be prepared to document progress toward remedy selection and design.

2. SITE BACKGROUND AND CHARACTERISTICS

On April 17, 2015, the USEPA published 40 CFR Parts 257 and 261: Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule (USEPA, 2015). This regulation addresses the safe disposal of CCR as solid waste under Subtitle D of the Resource Conservation and Recovery Act (RCRA) and is referred to herein as the CCR Rule. The CCR Rule, which became effective on October 19, 2015, provides national minimum criteria for “the safe disposal of CCR in new and existing CCR landfills, surface impoundments, and lateral expansions, design and operating criteria, groundwater monitoring and corrective action, closure requirements and post closure care, and recordkeeping, notification, and internet posting requirements.” As part of the CCR Rule, groundwater monitoring is required for new and existing CCR landfills, CCR surface impoundments, and lateral expansions of CCR units.

The CCR Rule applies to the AS/DA at the CREC. This report assesses potential corrective measures to remediate groundwater downgradient of the CREC AS/DA.

2.1 Site Description

Duke Energy owns and operates the CREC, which is located in Crystal River, Citrus County, Florida (**Figure 1**). CREC is an electrical power generation facility located on a 4,730-acre parcel in west central Florida. The CREC is located at 15760 West Power Line Street on the Gulf of Mexico in Crystal River, Citrus County, Florida. The property is in Sections 28 through 36, Township 18, Range 16 with the center of the facility at approximately 28°28'2" north latitude and 82°41'49" west longitude. Approximately 1,462 acres of the CREC have been developed, with the remaining property consisting of salt marsh and coastal lowland areas.

The CREC consists of four coal-fired steam units (Units 1, 2, 4, and 5) and a nuclear facility (Unit 3) that was retired in 2013. Plant operations began at the Site in 1966 (Unit 1), and additional units were added in 1969 (Unit 2), 1977 (Unit 3), 1982 (Unit 4), and 1984 (Unit 5). In the early 1970s Units 1 and 2 converted from coal burning operations to oil-fired operations and reverted to coal burning operations in 1976 and 1979, respectively. Throughout its operational history, ash generated from coal combustion has been typically been sent directly off-Site for beneficial use, stored on-Site awaiting beneficial use, or disposed on-Site in the permitted AS/DA. The AS/DA is approximately 100 acres, although approximately 62 acres are used and maintained for the storage of CCR material. About 5.5 acres are lined with a geosynthetic clay liner (GCL). CCR from coal-fired operations at the CREC has been stored in the AS/DA area since 1982.

2.2 CCR Unit Description – AS/DA

The AS/DA is shown on **Figures 1 and 2**. It is bounded to the east, south, and north by unlined stormwater ditches and to the southwest by an unlined stormwater pond connected to the stormwater ditches. Stormwater runoff management for the AS/DA consists of procedures for sloping the ash as material is transferred and compacted, and the use of a storm water retention and conveyance system (AS/DA runoff system) to manage stormwater runoff from the AS/DA. The collection system was designed and constructed to retain the area runoff from a 10-year, 24-hour rainfall event (approximately 8.34 inches) with disposal by means of evaporation and percolation (KBN, 1987). Runoff is designed to overflow as an internal outfall to the Units 4 and

5 stormwater collection system via an overflow structure and weir (Outfall I-C40 northeast of Units 4 and 5 on **Figure 2**) as outlined in the National Pollutant Discharge Elimination System (NPDES) Permit FL0036366.

Surface water monitoring is conducted per discharge event at the AS/DA overflow weir (I-C40) during discharge into the runoff collection system. Samples are analyzed for total recoverable metals including arsenic, cadmium, chromium, copper, iron, lead, mercury, nickel, selenium, vanadium, and zinc (NPDES Permit FL0036366, Condition I.A.12).

The approximate size of the AS/DA is 62 acres with a total estimated ash inventory of 4,300,000 tons. Currently, the ash landfill's north and east slopes are closed with a GCL. The remaining slopes of the ash landfill are generally covered with vegetation with the center of the ash landfill available for additional ash disposal. The ash landfill has a permitted stack height of 120 feet with a base elevation of approximately 10 feet North American Vertical Datum of 1988 (NAVD88). The waste boundary for the AS/DA is defined as the perimeter of the permitted waste disposal area and is shown on **Figure 1**.

2.3 Conceptual Site Model

The Conceptual Site Model (CSM) is a written and illustrative representation of the hydrogeologic conditions. The purpose of the CSM is to provide an understanding of the anticipated distribution of constituents with regard to the Site-specific geological/hydrogeological and geochemical processes controlling the transport and potential impacts of constituents in various media and potential exposure pathways to human and ecological receptors.

2.3.1 Hydrostratigraphic Units

The geologic and hydrogeologic units, in order of increasing depth below land surface, at the Site are summarized below.

- *Undifferentiated Surficial Deposits (USDs)* - The USDs are comprised of brown to grey silty sands to sandy clays with organic soils ranging in thickness from 0 to 20 feet (ft) below land surface (BLS) (AMEC, 2013 and Terracon, 2015). The thickness of the USDs is variable as a result of the irregular surface of the underlying limestone. Due to the limited extent of the USDs, the Surficial Aquifer System (SAS) is only locally present at the Site where saturated unconsolidated sediments are present.
- *Inglis Formation of the Ocala Group* - Encountered between land surface and 20 ft BLS, this white, fossiliferous, and friable limestone is the uppermost hydrogeologic unit of the Upper Floridan Aquifer (UFA). The Inglis Formation contains karst features such as solution channels and cavities of varying size. Permeable zones within the Inglis Formation are present at depths of less than 30 ft BLS and between 40 and 60 ft BLS (the base of the Inglis Formation).
- *Avon Park Formation* - Encountered between 45 and 70 ft BLS, the Avon Park Formation is comprised of an occasionally dolomitized limestone and well indurated limestone (AMEC, 2013 and Spencer, 1984). The Avon Park Formation is the formation utilized for water supply for CREC operations.

2.3.2 Hydrogeologic Setting

The UFA and the SAS (where present) are hydraulically connected and have similar flow patterns with groundwater predominantly flowing from northeast to southwest at the Site. Locally, flow directions may vary due to the complex subsurface character of the UFA caused by karst features, tidal fluctuations, Site production wells near Power Line Street and US-19, and surface water features.

Groundwater elevations were collected from the Site monitoring wells during low and high tides on 17 December 2015 (low tide) and 21 December 2015 (high tide) to estimate groundwater flow direction. Groundwater elevations and estimated flow directions from both events are presented on **Figures 3 and 4**. The groundwater flow direction during both tide events was estimated to be flowing generally from northeast to southwest across the Site. Flow directions may vary due to the complex subsurface character of the UFA and surface water features (e.g., intake and discharge canals, percolation ponds, production wells, and stormwater ditches).

Site lithologic logs have identified void spaces and solution cavities within the Inglis Formation. Water levels in monitoring wells with documented void spaces and solution cavities have a subdued response to external stresses such as rain events and tidal fluctuations indicating an increased permeability (ESE, 1981). A tidal study conducted by ESE in 1980 demonstrated that the response of groundwater level fluctuation was dependent upon the distance of the monitoring well from the discharge canals and the subsurface character of the Inglis Formation.

Historical evaluations have shown that the hydraulic conductivity at the CREC ranges from 2×10^{-3} to 6×10^{-2} centimeters per second (cm/s) near the AS/DA.

2.3.3 Potential Receptors

Groundwater at the CREC generally moves from northeast to southwest. The CREC is located on the Gulf of Mexico and therefore there are no downgradient residential properties or public water supply wells.

3. SITE GROUNDWATER MONITORING AND CHARACTERIZATION SUMMARY

Groundwater monitoring around the AS/DA has been implemented in accordance with the Federal CCR Rule. Monitoring results from both monitoring programs indicate groundwater quality has been affected by the release of CCR related constituents from the active AS/DA. Appendix IV constituents with groundwater concentrations exceeding GWPSs are primarily along the northern, southwestern, and southern edge of the AS/DA consistent with the direction of groundwater near the AS/DA.

3.1 Summary of Groundwater Monitoring

The CCR groundwater monitoring system at the AS/DA consists of 15 groundwater monitoring wells that were installed in December 2015 and February 2016. The CCR groundwater monitoring wells were designed and installed according to industry practice and in general accordance with USEPA 40 CFR §257.91(e). **Figure 2** displays the location of the CCR monitoring wells for the AS/DA and **Table 2** provide monitoring well construction details.

Groundwater sampling has been conducted in accordance with USEPA 40 CFR §257.3(a) with the appropriate sampling equipment and procedures for calibration, measurement of groundwater levels, well purging and sampling, sample preservation and handling, decontamination and field documentation, and sample labeling, packing, and delivery. The wells at the AS/DA were sampled using peristaltic pumps and disposable tubing to reduce the risk of cross-contamination from well to well. The tubing intake is generally set within the center of each well screen.

The detection monitoring program was initiated in 2016, as required by § 257.90(b)(1)(iii). Sampling was performed to establish background concentrations of constituents listed in 40 CFR §257, Appendices III and IV. Sampling for detection monitoring was initiated to meet the requirements of § 257.94. Nine groundwater sampling events were performed during detection monitoring activities for Appendix III and Appendix IV constituents between January 2016 and September 2017. Assessment monitoring was initiated in 2018 after statistically significant increases (SSIs) were detected for several Appendix III constituents in groundwater samples collected downgradient of the AS/DA. Sampling for assessment monitoring was initiated in 2018 to meet the requirements of § 257.95. An alternate source determination (ASD) (Geosyntec, 2019) for total radium was successfully completed in accordance with § 257.94(e)(2). Sampling for the assessment monitoring program occurred in May and October 2018 and March 2019.

3.2 Appendix IV Constituents Detected at SSLs above GWPS

An initial assessment monitoring event to sample and analyze the groundwater for all constituents listed in Appendix IV was conducted in March 2018 in accordance with § 257.95(b). Subsequent semi-annual monitoring events that included both Appendix III and IV constituents were conducted in May and October 2018 in accordance with § 257.95(d)(1). **Figures 5, 6, and 7** show potentiometric contours for shallow (20 ft BLS) monitoring wells based upon the May and October 2018 and March 2019 water levels, respectively. Groundwater elevations for each of these sampling events are summarized in **Table 3**. **Figure 8** shows the groundwater contours for wells installed to 50 ft BLS during the March 2019 sampling event. Groundwater elevations for this

sampling event are summarized in **Table 3**. These contours support the overall groundwater flow system described in the CSM, **Section 2.3**.

Vertical gradients have been calculated between the 20 ft BLS and the 50 ft BLS zone wells for the October 2018 and March 2019 sampling events. These vertical gradients are shown in Table 4. The table suggests that there is little vertical gradient which is consistent with the AS/DA's placement within the discharge zone as described within the CSM.

Table 5 provides a comparison of May 2018 analytical results to established GWPS. In the 20 ft BLS zone, concentrations of arsenic, lithium, molybdenum, and total radium were detected at SSLs greater than GWPSs in one or more monitoring wells. Arsenic was generally detected along the northern and western portion of the AS/DA. Lithium and molybdenum were both detected along the southwestern portion of the landfill. While the total radium exceeded the GWPS in several monitoring wells around the AS/DA, it is not considered an exceedance of the GWPS at the CREC based on the findings of the ASD (Geosyntec, 2019). It should be noticed that the ASD will be published as part of the Annual Groundwater Monitoring Report for 2019. The October 2018 and March 2019 results are summarized in **Tables 6 and 7**.

Maps showing the locations of SSLs for Appendix IV constituents in May 2018, October 2018, and March 2019 monitoring for the shallow monitoring zone (20 ft BLS) and deeper monitoring zone (50 ft BLS) are provided on **Figures 9 through 13**.

3.3 Groundwater Characterization Required by CFR 257.95(g)

Since one or more constituents in Appendix IV were found at SSLs above their applicable GWPSs, the CCR Rule in 40 CFR § 257.95(g)(1) states that the owner or operator of the CCR unit must:

Characterize the nature and extent of the release and any relevant site conditions that may affect the remedy ultimately selected. The characterization must be sufficient to support a complete and accurate assessment of the corrective measures necessary to effectively clean up all releases from the CCR unit pursuant to § 257.96.

Based on the presence of Appendix IV constituents reported at SSLs above their GWPS, additional site characterization was required and performed by Duke Energy at the AS/DA as described below.

3.4 Summary of Groundwater Characterization

Due to the presence of Appendix IV constituents observed at SSLs greater than their applicable GWPS for arsenic, lithium and molybdenum, further characterization of the nature and extent of groundwater was performed according to the CCR Rule in 40 CFR § 257.95(g)(1) and is summarized below.

3.4.1 Installation of Additional Monitoring Wells

Ten additional CCR monitoring wells (CCRW-20 through CCRW-30) were installed downgradient of the AS/DA in 2018 and 2019 to characterize the nature and extent of SSLs

for Appendix IV constituents (arsenic, lithium and molybdenum) identified during assessment monitoring activities conducted in accordance with § 257.95. Well construction details are summarized in **Table 2** and locations are shown on **Figure 2**.

3.4.2 Nature and Extent Data

Tables 5 and 6 summarize the Appendix IV assessment monitoring data and data collected from the nature and extent wells. **Figures 5 through 8** show groundwater contours for the CCR and nature and extent wells during October 2018 and March 2019. **Figures 9 through 13** show wells with concentrations above the GWPS for the CCR wells and nature and extent wells in May and October 2018 and March 2019.

Molybdenum exceeded the GWPS in monitoring wells CCRW-11, CCRW-12, CCRW-14 and CCRW-18 immediately adjacent to the west and southwest portion of the AS/DA and only in the 20 ft BLS zone. The extent of these exceedances is delineated by the current network of CCR and nature and extent wells.

Lithium exceeded the GWPS in the 20 ft BLS zone monitoring wells CCRW-11, CCRW-12, CCRW-14, and CCRW-18 immediately adjacent to the west and southwest portion of the AS/DA and in CCRW-20 located approximately 1000 ft south of the AS/DA. Lithium also exceeded the GWPS in 50 ft BLS zone monitoring wells CCRW-21 and CCRW-29; however, these concentrations may be attributed to an alternate source believed to be associated with saltwater intrusion and the tidally influenced ditch that runs along West Power Line Street. Additional characterization may be necessary to confirm the alternate source of lithium in these wells.

Arsenic exceeded the GWPS in a majority of the CCR and nature and extent wells around the perimeter and downgradient of the AS/DA. Arsenic exceeded the GWPS in nature and extent wells CCRW-24 and CCRW-25 along the northern portion of the AS/DA and northern property boundary of the CREC. This area of the CREC is hydraulically downgradient of the United States Gypsum Facility which located just north of the CREC property boundary. Therefore, additional characterization of arsenic will not be pursued north of this area due to the presence of upgradient arsenic impacted groundwater observed at the United States Gypsum facility (Golder, 2016).

Arsenic did not exceed the GWPS in 20 ft BLS zone wells CCRW-14 and CCRW-15 located along the southern boundary of the AS/DA or in downgradient 20 ft BLS zone wells CCRW-20 and CCRW-30. However, arsenic exceedances were observed in the 50 ft BLS zone wells CCRW-21 and CCRW-29, downgradient of the AS/DA. Since an upward gradient is observed from the 50 ft BLS zone to the 20 ft BLS zone in this area of the Site, the AS/DA does not appear to be the source of arsenic in these 50 ft BLS zone wells. Arsenic was not detected above the GWPS in the downgradient, 50 ft BLS zone well CCRW-22 in October 2018 but did exceed the GWPS in the sample collected in March 2019. Additional characterization may be necessary to confirm the source and nature and extent of arsenic exceeding the GWPS in the vicinity and downgradient of the AS/DA.

3.4.3 Installation and Sampling of Monitoring Wells at Property Line

Monitoring well CCRW-27 was installed at the downgradient property as shown on **Figure 6** in accordance with 40 CFR § 257.95(g)(1)(iii). The collected data has shown that the groundwater at this downgradient location is not impacted with constituents associated with the AS/DA at concentrations exceeding the AS/DA.

3.5 Summary of Alternate Source Demonstration

An ASD was successfully prepared for total radium at the AS/DA in compliance with 40 CFR § 257.94(e)(2). The ASD showed that total radium does not leach from materials stored in the AS/DA and that total radium in the groundwater is naturally occurring (Geosyntec, 2019).

4. ASSESSMENT OF CORRECTIVE MEASURES

CCR groundwater monitoring at the AS/DA has detected arsenic, lithium, and molybdenum (Appendix IV constituents) at SSLs exceeding respective GWPSs defined under 40 CFR § 257.95(h). The objective of this ACM Report is to address these groundwater exceedances by identifying and evaluating remedial strategies that can be utilized to meet the CCR Rule requirements. **Section 4.3** identifies potential groundwater remedial technologies for implementation at the AS/DA and **Appendix A** summarizes each technology. **Section 4.4** describes the ACM evaluation of these remedial technologies to meet requirements of 40 CFR § 257.96. **Appendix B** presents the remedial technology evaluation and **Table 1** summarizes the technology evaluation.

The evaluation of source control methods will be provided separate from this ACM Report, as required by the CCR Rule. However, potential source control methods are described in **Section 4.2**.

4.1 Objectives of Remedial Technology Evaluation

As indicated in 40 CFR § 257.96(a), the objectives of the corrective measures evaluated in this ACM report are “to prevent further releases [from the AS/DA], to remediate any releases, and to restore affected area to original conditions.” As required in 40 CFR § 257.97(b), corrective measures, at minimum, must meet the following criteria:

- (1) Be protective of human health and the environment;*
- (2) Attain the groundwater protection standard as specified pursuant to § 257.95(h);*
- (3) Control the source(s) of releases so as to reduce or eliminate, to the maximum extent feasible, further releases of constituents in appendix IV to this part into the environment;*
- (4) Remove from the environment as much of the contaminated material that was released from the CCR unit as is feasible, taking into account factors such as avoiding inappropriate disturbance of sensitive ecosystems;*
- (5) Comply with standards for management of wastes as specified in § 257.98(d).*

The following evaluation will summarize the potential remedial technologies in the context of these objectives.

4.2 Potential Source Control Measures

The objective of source control measures is to prevent further releases from the source (i.e., the AS/DA). On page 21406 in the preamble to 40 CFR 257, the following is stated regarding source control:

Source control measures need to be evaluated to limit the migration of the plume, and to ensure an effective remedy. The regulation does not limit the definition of source control

to exclude any specific type of measures to achieve this. Remedies must control the source of the contamination to reduce or eliminate further releases by identifying and locating the cause of the release. Source control measures may include the following: Modifying the operational procedures (e.g., banning waste disposal); undertaking more extensive and effective maintenance activities (e.g., excavate waste to repair a liner failure); or, in extreme cases, excavation of deposited wastes for treatment and/ or offsite disposal. Construction and operation requirements also should be evaluated.

If closure of the AS/DA is considered as part of the source control measures, one or more of the following methods could be used:

- Installation of a final cover system;
- Excavation of the ash for beneficial reuse, including the solids in the AS/DA stormwater ditch system; or
- Excavation and disposal of ash off-Site, including the solids in the AS/DA stormwater ditch system.

Another approach is a hybrid approach that includes beneficial reuse of some of the ash along with relocating a portion of the ash into a smaller landfill footprint on-Site. This smaller landfill does not currently exist and would require new construction with liner and final cover systems. Also, stormwater runoff and leachate from a new on-Site landfill will need to be controlled.

Regardless of the approach taken, the ditches and stormwater ponds will need to be remediated by removing sedimented CCR. These source control measures will substantially reduce the introduction of additional constituent of interest (COI) mass into groundwater from the AS/DA

4.3 Potential Groundwater Remedial Technologies

While there are numerous technologies to remediate organic constituents, fewer options exist to address inorganic constituents (i.e., arsenic, lithium, molybdenum). The potential remedial alternatives are limited for these inorganic constituents due to the variable geochemical properties.

As summarized in **Section 3.2**, arsenic, lithium, and molybdenum (Appendix IV constituents) were detected at SSLs exceeding their GWPSs in one or more of the CCR monitoring wells during the May 2018, October 2018, and March 2019 CCR assessment monitoring events. These COI are primarily observed at SSLs for arsenic around the perimeter of the AS/DA and for lithium and molybdenum along the south western portion of the AS/DA. **Figures 9 through 13** depict the GWPS exceedances for the Appendix IV constituents.

The following list includes groundwater remedial technologies that exist for potential implementation at CREC based on Site conditions:

- In-Situ Technologies;
 - Groundwater Migration Barriers;
 - In-Situ Chemical Immobilization;

- Permeable Reactive Barriers (PRBs);
- Groundwater Extraction;
 - Conventional Vertical Well Systems;
 - Phytoremediation;
- Groundwater Treatment; and
- Monitored Natural Attenuation (MNA)

Appendix A summarizes each technology and **Section 4.4** evaluates the remedial technologies as part of the ACM process.

4.4 Evaluation to Meet Requirements in 40 CFR § 257.96(c)

An ACM is necessary for the AS/DA due to the detection of one or more Appendix IV constituents at SSLs above respective GWPSs. 40 CFR § 257.96(c) outlines the assessment of corrective measures requirements as the following:

The assessment under paragraph (a) of this section must include an analysis of the effectiveness of potential corrective measures in meeting all of the requirements and objectives of the remedy as described under § 257.97 addressing at least the following:

- (1) The performance, reliability, ease of implementation, and potential impacts of appropriate potential remedies, including safety impacts, cross-media impacts, and control of exposure to any residual contamination;*
- (2) The time required to begin and complete the remedy;*
- (3) The institutional requirements, such as state or local permit requirements or other environmental or public health requirements that may substantially affect implementation of the remedy(s).*

Appendix B provides the evaluation of potential remedies (listed in **Section 4.3**) using these criteria from 40 CFR § 257.96(c) and **Table 1** summarizes the results. **Appendix C** outlines the selection of remedy requirements and considerations found in 40 CFR § 257.97 that will be used in the remedial selection process following the ACM.

The object of this ACM is to provide a high-level assessment of measures that address Site SSLs and Site conditions. Based on the remedial evaluation results conducted under 40 CFR § 257.96, Duke Energy must, as soon as feasible, select a remedy that meets the minimum standards listed in 40 CFR § 257.97(b) with consideration to evaluation factors listed in 40 CFR § 257.97(c). In accordance with 40 CFR § 257.96(e), Duke Energy must also hold a public meeting at least 30 days prior to remedy selection, as mentioned in **Section 5.3**.

5. SELECTION OF REMEDY PROCESS

The remedy selection begins following completion of the ACM report. 40 CFR § 257.97(a) states that:

Based on the results of the corrective measures assessment conducted under §257.96, the owner or operator must, as soon as feasible, select a remedy that, at a minimum, meets the standards listed in paragraph (b) of this section. This requirement applies to, not in place of, any applicable standards under the Occupational Safety and Health Act. The owner or operator must prepare a semiannual report describing the progress in selecting and designing the remedy. Upon selection of a remedy, the owner or operator must prepare a final report describing the selected remedy and how it meets the standards specified in paragraph (b) of this section. The owner or operator must obtain a certification from a qualified professional engineer that the remedy selected meets the requirements of this section. The report has been completed when it is placed in the operating record as required by §257.105(h)(12).

5.1 Additional Data or Characterization Needs

CCR assessment monitoring wells will continue to be sampled as required. Existing nature and extent wells will be sampled as necessary. Additional nature and extent delineation activities will continue until groundwater with constituents exceeding the GWPS has been delineated as required.

5.2 Schedule for Selecting Remedy

The process of selecting a remedy or remedial approach begins following submittal of this ACM Report. The owner or operator must select a remedy and begin implementing that remedy as soon as feasible. Progress toward selecting a preferred remedy must be documented in a semiannual report in accordance with § 257.97. Bench-scale and on-Site pilot testing may be required to evaluate the effectiveness of one or more remedial technologies under Site-specific conditions. One or more preferred remedial approach should be developed based upon technology effectiveness under Site conditions, implementability, cost effectiveness, and other considerations. A public meeting with citizen and government stakeholders should be scheduled once one or more preferred remedial approach(s) are identified. Requirements for conducting public meetings are presented in Section 5.3.

5.3 Public Meeting Requirement in 40 CFR § 257.96(e)

Following preparation of the ACM Report, and based upon assessment results, a corrective measure remedy must be selected as soon as feasible. However, before the final remedy can be selected, a public meeting to discuss ACM results with interested and affected stakeholders must be held at least 30 days prior to remedy selection in accordance with § 257.96(e).

Duke Energy will notify interested and affected stakeholders when the public meeting is scheduled.

6. REFERENCES

- AMEC. 2013. *Site Characterization and Preliminary Geotechnical Design Recommendations*. Lakeland, FL. December.
- ESE. 1984. *Proposed Ground Water Monitoring Plan for Crystal River Energy Complex*. Gainesville, FL. February.
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- KBN Engineering and Applied Sciences, Inc. 1987. *Florida Power Corporation Crystal River Units 4 & 5, Site Certification Application Revision for Ash Disposal Area*.
- Spencer, Steven M. 1984. *Geology of Citrus County, Florida*. Florida Geological Survey, Open File Report No. 5, Tallahassee, FL.
- Terracon. 2015. *Geotechnical Engineering Report Citrus County Combined Cycle Project*. Charlotte, NC. October.
- USEPA. 2015. *Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities*. United States Environmental Protection Agency. EPA-HQ-RCRA-2009-0640. April.

TABLES

TABLE 1
REMEDIAL TECHNOLOGIES SCREENING MATRIX
40 CFR § 257.96(c) REQUIREMENTS
Crystal River Energy Complex
Crystal River, FL

	In-Situ Strategies				Ex-Situ Strategies		
	Permeable Reactive Barriers	Groundwater Flow Barriers	Chemical Immobilization	Monitored Natural Attenuation	Conventional Groundwater Extraction	Phytoremediation	Groundwater Treatment
40 CFR § 257.96(c)(1)							
Performance	Low to Moderate - commercially-available media for lithium treatment are not well documented; groundwater may migrate around or beneath reactive zones in karst features	Low to Moderate - groundwater may migrate around or beneath low permeability zones in karst features	Low to Moderate - commercially-available reagents for lithium treatment are not well documented; karst features present reagent delivery challenges	Moderate to High - physical processes including dilution, dispersion, and sorption will reduce concentrations in conjunction with source control	Moderate to High - established technology; karst features could impact hydraulic control	Moderate to High - growing conditions conducive; self-sustaining and predictable after root network forms; challenges with high concentrations of TDS and chloride and high transmissivity of the aquifer	Moderate to High - established technology with adaptability for treatment; high concentrations of dissolved ions likely to generate concentrated secondary waste streams
Reliability	Low to Moderate - karst features will require extensive grouting of voids; absence of low permeability zone at barrier base may increase flow beneath; bench-scale studies will be required to evaluate lithium removal	Low to Moderate - karst features will require extensive grouting of voids; absence of low permeability zone at barrier base may increase flow beneath	Low to Moderate - lithium treatment is not well documented and would require bench-scale studies to evaluate removal; karst features can minimize the effective distribution of chemical agents that limits treatment effectiveness	High - inherent porous nature of limestone and karst features at shallow depths readily promote physical attenuation mechanisms; groundwater flow regime is predictable and reliable	Moderate to High - designed to capture and contained dissolved plume; dependent on consistent O&M to mitigate mechanical fouling; potential corrosion issues from high chloride concentrations across Site	Moderate to High - trees able to grow most of the year in Florida; performance is reliable after establishing root network; limited O&M activities that include pruning and vegetation maintenance	High - wide variety of adaptable treatment options; the use of multiple technologies is likely to treat COI

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TABLE 1
REMEDIAL TECHNOLOGIES SCREENING MATRIX
40 CFR § 257.96(c) REQUIREMENTS
 Crystal River Energy Complex
 Crystal River, FL

	In-Situ Strategies				Ex-Situ Strategies		
	Permeable Reactive Barriers	Groundwater Flow Barriers	Chemical Immobilization	Monitored Natural Attenuation	Conventional Groundwater Extraction	Phytoremediation	Groundwater Treatment
Ease of Implementation	Difficult - extensive geological and geotechnical investigations required prior to construction due to karst features; extensive grouting and/or other ground improvement to fills detected voids; significant construction timelines, costs, and effort	Difficult - extensive geological and geotechnical investigations required prior to construction due to karst features; extensive grouting and/or other ground improvement to fills detected voids; significant construction timelines, costs, and effort	Moderate - less extensive geological investigations to identify karst features prior to installation of permanent injection wells compared to installing barriers; less construction timelines, costs, and efforts required to install injection wells	Easy - periodic groundwater sampling in existing well network; results may dictate the addition of more wells to support lines of evidence	Moderate - aquifer testing and modeling required prior to implementation for well network design; implementation involves installing extraction and injection well network and associated plumbing, pumps, and wiring; routine O&M and cleaning requirements	Moderate - aquifer testing and modeling required prior to implementation for well network design; implementation involves installing wells and planting trees; routine landscape maintenance requirements such as pruning and fertilizing	Moderate - aquifer testing and modeling required prior to implementation for well network design; implementation involves installing extraction and injection well network and associated treatment train; routine O&M and cleaning requirements
Potential Safety Impacts	High - construction hazards for workers including deep, open trenches and heavy construction equipment	High - construction hazards for workers including deep, open trenches and heavy construction equipment	Low - potential for chemical exposure during injection events; potential worker risks with long-term storage of on-Site chemicals	Low - potential worker safety issues during drilling, installation, and construction of wells; minimal safety risks compared to other strategies during groundwater sampling	Moderate - potential worker safety issues during drilling, installation, and construction of wells; potential physical and/or electrical safety concerns during routine O&M	Low - potential worker safety issues during drilling, installation, and construction of wells; reduced maintenance requirements with fewer physical risks compared to groundwater extraction	Moderate - potential worker safety issues during drilling, installation, and construction of wells and treatment train; potential physical, chemical, and/or electrical safety concerns during routine O&M
Potential Cross-Media Impacts	Moderate - potential for groundwater to flow beneath or around barriers	Moderate - potential for groundwater to flow beneath or around barriers	Low - potential for unintended chemical releases aboveground that do not pose adverse environmental impacts for uncontaminated surficial soils	Low - potential for contaminant storage in aquifer matrix through sorption	Low - potential associated with unintended releases in aboveground plumbing or pumps to uncontaminated surficial soils	Low - potential associated with vegetation maintenance	Low - potential associated with unintended releases in aboveground plumbing or pumps to uncontaminated surficial soils

TABLE 1
REMEDIAL TECHNOLOGIES SCREENING MATRIX
40 CFR § 257.96(c) REQUIREMENTS
 Crystal River Energy Complex
 Crystal River, FL

	In-Situ Strategies				Ex-Situ Strategies		
	Permeable Reactive Barriers	Groundwater Flow Barriers	Chemical Immobilization	Monitored Natural Attenuation	Conventional Groundwater Extraction	Phytoremediation	Groundwater Treatment
Potential Exposure to Residual Contamination	Low - potential for exposure during the installation and construction phase; additional potential during reactive media replacement	Low - potential for exposure during the installation and construction phase	Low - potential for exposure during the installation and construction phase	Low - potential for exposure during the installation and construction phase of monitoring wells (as needed); possible exposure pathways if the aquifer's capacity to attenuate is exceeded over time	Low - potential human exposure to contaminated groundwater during routine O&M and unintended releases	Low - potential for environmental receptors to consume edible portions of trees that may accumulate COI	Low - potential human exposure to contaminated groundwater during routine O&M and unintended releases
40 CFR § 257.96(c)(2)							
Time Required to Begin Remedy	12 to 18 months	1 to 2 years	6 to 12 months	3 to 6 months	1 to 2 years	6 to 18 months	1 to 2 years
Time Required to Complete Remedy	greater than 30 years - does not specifically address source removal	greater than 30 years - does not specifically address source removal	5 to 10 years	greater than 30 years - does not specifically address source removal	greater than 30 years - does not specifically address source removal	greater than 30 years - does not specifically address source removal	5 to 10 years
40 CFR § 257.96(c)(3)							
State, Local, or Other Environmental Permit Requirements That May Substantially Affect Implementation	State and local permitting of construction activities may be required	State and local permitting of construction activities may be required	SWFWMD permitting for injection wells; FDEP UIC permit	SWFWMD permitting for monitoring wells (as needed)	State and local permitting of construction activities may be required; SWFWMD permitting for injection wells; FDEP UIC permit	SWFWMD permitting for wells to plant trees	State and local permitting of construction activities may be required; SWFWMD permitting for injection wells; FDEP UIC permit

Notes

COI - constituents of interest
 FDEP - Florida Department of Environmental Protection
 O&M - operations and maintenance
 SWFWMD - Southwest Florida Water Management District
 TDS - total dissolved solids
 UIC - underground injection control

Table 2: Monitoring Well Construction Details

Crystal River Energy Complex

Crystal River, FL

Well ID	Diameter (in)	Designation	CCR Unit Monitored	Northing	Easting	Ground Surface Elevation	TOC Elevation	Total Depth (ft bls)	Screen Interval (ft bls)	Top of Screen Elevation	Bottom of Screen Elevation
CCRBW-2	2	Background	AS/DA Landfill	1684327.487	437004.706	8.48	8.57	20	10-20	-1.52	-11.52
CCRW-5	2	Detection	AS/DA Landfill	1685764.352	435524.800	6.00	8.98	20	10-20	-4.00	-14.00
CCRW-6	2	Detection	AS/DA Landfill	1685762.561	436167.540	6.10	8.83	20	10-20	-3.90	-13.90
CCRW-7	2	Detection	AS/DA Landfill	1685760.703	436481.554	6.19	9.45	20	10-20	-3.81	-13.81
CCRW-8	2	Detection	AS/DA Landfill	1685712.995	436901.453	9.36	12.59	20	10-20	-0.64	-10.64
CCRW-9	2	Detection	AS/DA Landfill	1685201.772	435632.332	8.54	11.76	20	10-20	-1.46	-11.46
CCRW-10	2	Detection	AS/DA Landfill	1684831.307	435841.956	7.35	10.62	20	10-20	-2.65	-12.65
CCRW-11	2	Detection	AS/DA Landfill	1684055.690	435869.500	5.72	8.55	20	10-20	-4.28	-14.28
CCRW-12	2	Detection	AS/DA Landfill	1683815.262	435864.677	5.91	9.08	20	10-20	-4.09	-14.09
CCRW-13	2	Detection	AS/DA Landfill	1683546.974	436109.647	5.36	8.49	20	10-20	-4.64	-14.64
CCRW-14	2	Detection	AS/DA Landfill	1683225.250	436598.381	6.60	9.74	20	10-20	-3.40	-13.40
CCRW-15	2	Detection	AS/DA Landfill	1683243.794	436896.326	5.78	8.99	20	10-20	-4.22	-14.22
CCRW-16	2	Detection	AS/DA Landfill	1685511.490	435436.050	9.42	12.25	20	10-20	-0.58	-10.58
CCRW-17	2	Detection	AS/DA Landfill	1684659.390	435791.870	8.92	8.70	20	10-20	-1.08	-11.08
CCRW-18	2	Detection	AS/DA Landfill	1684259.560	435793.770	9.12	8.84	20	10-20	-0.88	-10.88
CCRW-20	2	Detection	AS/DA Landfill	1682140.828	436689.782	4.87	8.04	20	10-20	-5.13	-15.13
CCRW-21	2	Detection	AS/DA Landfill	1682142.844	436674.949	4.85	7.87	50	40-50	-35.15	-45.15
CCRW-22	2	Detection	AS/DA Landfill	1683440.519	434457.474	6.75	9.92	50	40-50	-33.25	-43.25
CCRW-23	2	Detection	AS/DA Landfill	1684918.923	434891.301	8.15	11.39	20	10-20	-1.86	-11.86
CCRW-24	2	Detection	AS/DA Landfill	1685922.669	435202.194	8.60	8.28	20	10-20	-1.40	-11.40
CCRW-25	2	Detection	AS/DA Landfill	1685913.607	436223.836	8.66	8.32	20	10-20	-1.34	-11.34
CCRW-26	2	Detection	AS/DA Landfill	1685913.767	436207.719	8.63	8.28	50	40-50	-31.37	-41.37
CCRW-27	2	Detection	AS/DA Landfill	1684067.448	431481.619	4.22	7.04	20	10-20	-5.78	-15.78
CCRW-28	2	Detection	AS/DA Landfill	1685913.760	436216.110	8.65	8.21	100	90-100	-81.35	8.65
CCRW-29	2	Detection	AS/DA Landfill	1682833.810	436689.650	5.72	8.37	50	40-50	-34.28	-44.28
CCRW-30	2	Detection	AS/DA Landfill	1682834.900	436678.730	5.65	8.14	20	10-20	-4.35	-14.35

Notes

1. in indicates inches
2. TOC indicates Top of Casing
3. ft bls indicates Feet Below Land Surface
4. Horizontal datum surveyed to the North American Datum (NAD) of 1983.
5. Vertical datum surveyed to the National Geodetic Vertical Datum (NGVD) of 1929.
6. AS/DA Landfill indicates Ash Storage/Disposal Area Landfill

Table 3: Groundwater Elevation Data
Crystal River Energy Complex
Crystal River, Florida

Well ID	CCR Unit Monitored	Northing	Easting	Ground Surface Elevation	TOC Elevation	September 2017 GW Elevation	March 2018 GW Elevation	May 2018 GW Elevation	October 2018 GW Elevation	March 2019 GW Elevation
CCRBW-2	AS/DA Landfill	1684327.487	437004.706	8.48	8.57	6.37	3.94	3.07	4.02	4.07
CCRW-5	AS/DA Landfill	1685764.352	435524.800	6.00	8.98	4.55	3.30	2.92	3.95	3.96
CCRW-6	AS/DA Landfill	1685762.561	436167.540	6.10	8.83	4.50	3.34	2.87	3.90	3.97
CCRW-7	AS/DA Landfill	1685760.703	436481.554	6.19	9.45	4.49	3.31	2.83	4.05	3.90
CCRW-8	AS/DA Landfill	1685712.995	436901.453	9.36	12.59	4.56	3.55	2.73	3.96	4.05
CCRW-9	AS/DA Landfill	1685201.772	435632.332	8.54	11.76	5.86	2.95	2.79	3.71	3.62
CCRW-10	AS/DA Landfill	1684831.307	435841.956	7.35	10.62	5.87	2.86	2.79	3.52	3.52
CCRW-11	AS/DA Landfill	1684055.690	435869.500	5.72	8.55	5.75	2.90	2.72	3.60	3.49
CCRW-12	AS/DA Landfill	1683815.262	435864.677	5.91	9.08	5.98	3.01	2.73	3.66	3.58
CCRW-13	AS/DA Landfill	1683546.974	436109.647	5.36	8.49	5.97	3.09	2.62	3.54	3.47
CCRW-14	AS/DA Landfill	1683225.250	436598.381	6.60	9.74	5.84	3.69	2.74	3.64	3.62
CCRW-15	AS/DA Landfill	1683243.794	436896.326	5.78	8.99	5.83	3.74	2.67	3.59	3.62
CCRW-16	AS/DA Landfill	1685511.490	435436.050	9.42	12.25	4.17	2.93	2.70	3.60	3.59
CCRW-17	AS/DA Landfill	1684659.390	435791.870	8.92	8.70	5.82	2.80	2.73	3.60	3.45
CCRW-18	AS/DA Landfill	1684259.560	435793.770	9.12	8.84	5.74	2.76	2.69	3.54	3.41
CCRW-20	AS/DA Landfill	1682140.828	436689.782	4.87	8.04	NI	NI	NI	3.41	NM
CCRW-21	AS/DA Landfill	1682142.844	436674.949	4.85	7.87				3.04	NM
CCRW-22	AS/DA Landfill	1683440.519	434457.474	6.75	9.92				4.06	3.06
CCRW-23	AS/DA Landfill	1684918.923	434891.301	8.15	11.39				3.53	3.34
CCRW-24	AS/DA Landfill	1685922.669	435202.194	8.60	8.28				3.62	3.63
CCRW-25	AS/DA Landfill	1685913.607	436223.836	8.66	8.32				3.81	3.79
CCRW-26	AS/DA Landfill	1685913.767	436207.719	8.63	8.28				3.78	3.80
CCRW-27	AS/DA Landfill	1684067.448	431481.619	4.22	7.04				2.21	2.24
CCRW-28	AS/DA Landfill	1685913.760	436216.110	8.65	8.21				NI	3.86
CCRW-29	AS/DA Landfill	1682833.810	436689.650	5.72	8.37					3.37
CCRW-30	AS/DA Landfill	1682834.900	436678.730	5.65	8.14					3.18

Notes

1. in = Inches
2. TOC = Top of Casing
3. ft bls = Feet Below Land Surface
4. Horizontal datum surveyed to the North American Datum (NAD) of 1983.
5. Vertical datum surveyed to the National Geodetic Vertical Datum (NGVD) of 1929.
6. AS/DA Landfill = Ash Storage/Disposal Area Landfill
7. NI indicates not installed
8. NM indicates not measured

TABLE 4
VERTICAL GROUNDWATER GRADIENTS
CRYSTAL RIVER ENERGY COMPLEX
CRYSTAL RIVER, FL

Well Name	Zone	March 2019		October 2018	
		Groundwater Elevation (ft., NGVD29)	Gradient	Groundwater Elevation (ft., NGVD29)	Gradient
CCRW-30	20 ft	3.2	0.0057	NI	-
CCRW-29	50 ft	3.37		NI	
CCRW-20	20 ft	NM	-	3.41	-0.0123
CCRW-21	50 ft	NM		3.04	
CCRW-25	20 ft	3.79	0.0003	3.81	-0.0010
CCRW-26	50 ft	3.8	0.0020	3.78	
CCRW-28	100 ft	3.86		NI	

Notes:

- 1) Positive gradient means upward flow. Negative gradient means downward flow.
- 2) NM = Not Measured
- 3) NI = Well was not yet installed

TABLE 5
MAY 2018 SAMPLING EVENT
Crystal River Energy Complex
Crystal River, FL

Appendix IV Constituent	Antimony, total	Arsenic, total	Barium, total	Beryllium, total	Cadmium, total	Chromium, total	Cobalt, total	Lead, total	Lithium, total	Mercury, total	Molybdenum, total	Radium, total	Selenium, total	Thallium, total
Units	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L
Groundwater Protection Standard¹	6	10	2000	4	5	100	6*	15*	40*	2	100*	5	50	2
Well ID	Date Sampled	May 2018 Assessment Monitoring Results												
CCRBW-2	5/1/2018	5 U	5 U	5 U	0.5 U	0.5 U	2.5 U	5 U	5 U	16.6 J	0.1 U	5.5 J	1.9 J	0.5 U
CCRW-5	5/1/2018	5 U	5.9 J	20.3	0.5 U	0.5 U	2.5 U	5 U	5 U	13.7 J	0.1 U	9.2 J	4.28	0.5 U
CCRW-6	5/2/2018	5 U	12.8	9.8 J	0.5 U	0.5 U	2.5 U	5 U	5 U	5.1 J	0.1 U	18	3.71	0.5 U
CCRW-7	5/2/2018	5 U	23.7	17.4	0.5 U	0.5 U	2.5 U	5 U	5 U	4.6 J	0.1 U	5.6 J	8.32	0.5 U
CCRW-8	5/2/2018	5 U	12.6	16.2	0.5 U	0.5 U	2.5 U	5 U	5 U	10.3 J	0.1 U	11.4	3.74	0.5 U
CCRW-9	5/2/2018	5 U	5 U	49.3	0.5 U	0.5 U	2.5 U	5 U	5 U	8.1 J	0.1 U	27	4.98	0.5 U
CCRW-10	5/1/2018	5 U	7.8 J	32.1	0.5 U	0.5 U	2.5 U	5 U	5 U	23 J	0.1 U	89	4.88	0.5 U
CCRW-11	5/1/2018	5 U	31.8	59.6	0.5 U	0.5 U	2.5 U	5 U	5 U	71.3	0.1 U	90.5	5.46	0.5 U
CCRW-12	5/2/2018	5 U	53.9	132	0.5 U	0.5 U	2.5 U	5 U	5 U	38.6 J	0.1 U	212	6.26	0.5 U
CCRW-13	5/2/2018	5 U	22.4	20.4	0.5 U	0.5 U	2.5 U	5 U	5 U	8.5 J	0.1 U	22.1	5.33	0.5 U
CCRW-14	5/2/2018	5 U	5 U	31.2	0.5 U	0.5 U	2.5 U	5 U	5 U	370	0.1 U	222	5.44	0.5 U
CCRW-15	5/2/2018	5 U	5 U	30.5	0.5 U	0.5 U	2.5 U	5 U	5 U	15.2 J	0.1 U	16.3	5.13	0.5 U
CCRW-16	5/1/2018	5 U	11.1	45.1	0.5 U	0.5 U	2.5 U	5 U	5.5 J	23.4 J	0.1 U	25.2	14	0.5 U
CCRW-17	5/1/2018	1.3	6.3 J	54.4	0.5 U	0.5 U	2.5 U	5 U	5 U	27.5 J	0.1 U	61.5	3.38	0.5 J
CCRW-18	5/1/2018	5 U	57.1	49.3	0.5 U	0.5 U	2.5 U	5 U	5 U	117	0.1 U	167	17.2	0.5 U

Notes:¹ - Groundwater protection standard represents USEPA Maximum Contaminant Level unless specified otherwise

* - Groundwater protection standard represents values noted in USEPA'S Amendments to the National Minimum Criteria (Phase One, Part One), Disposal of Coal Combustion Residuals from Electric Utilities; effective July 17, 2018

ug/L - micrograms per litre

J - Estimated concentration above the method detection limit and below the reporting limit

mg/L - milligrams per litre

Radium, total - the sum of radium-226 + radium-228

STD - standard units

U - Analyte was analyzed for, but not detected above the reporting limit

- Bold, highlighted text indicates concentration is above the groundwater protection standard. Note total radium is subject to an Alternate Source Demonstration

TABLE 6
OCTOBER 2018 SAMPLING EVENT
 Crystal River Energy Complex
 Crystal River, FL

Appendix IV Constituent	Antimony, total	Arsenic, total	Barium, total	Beryllium, total	Cadmium, total	Chromium, total	Cobalt, total	Lead, total	Lithium, total	Mercury, total	Molybdenum, total	Radium, total	Selenium, total	Thallium, total	
Units	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L	
Groundwater Protection Standard ¹	6	10	2000	4	5	100	6*	15*	40*	2	100*	5	50	2	
Well ID	Date Sampled	October 2018 Assessment Monitoring Results													
CCRBW-2	10/25/2018	0.50U	0.64 I	7.8 I	1.6U	0.33U	1.7U	0.96U	1.2	14.7 I	0.10U	5.5 I	1.50U ± 0.97	0.50U	0.50U
CCRW-5	10/25/2018	0.50U	5.3	23.1	1.6U	0.33U	1.7U	0.96U	0.50U	9.1 I	0.10U	12.8	3.63 ± 1.48	0.88 I	0.50U
CCRW-6	10/25/2018	0.50U	1.6	7.2 I	1.6U	0.33U	1.7U	1.2 I	0.50U	3.8U	0.10U	17	2.81 ± 1.32	3.4	0.50U
CCRW-7	10/25/2018	0.50U	58.4	14.2	1.6U	0.33U	1.7U	4.9 I	0.50U	5.1 I	0.10U	6.4 I	12.1 ± 2.60	7.9	0.50U
CCRW-8	10/25/2018	0.50U	30.6	16.9	1.6U	0.33U	1.7U	2.9 I	0.50U	8.0 I	0.10U	21.7	3.98 ± 1.52	4	0.50U
CCRW-9	10/24/2018	0.50U	2.7	56.6	1.6U	0.33U	1.7U	0.96U	0.50U	7.5 I	0.10U	13.7	7.21 ± 1.99	0.87 I	0.50U
CCRW-10	10/24/2018	0.50U	12.9	52.5	1.6U	0.33U	1.7U	0.97 I	0.50U	24.2 I	0.10U	74.3	6.73 ± 1.90	2.2	0.50U
CCRW-11	10/24/2018	0.50U	27.2	57.3	1.6U	0.33U	1.7U	0.96U	0.50U	62.4	0.10U	130	10.7 ± 2.40	4.5	0.50U
CCRW-12	10/24/2018	0.50U	79.8	132	1.6U	0.33U	1.7U	0.96U	0.50U	48.1 I	0.10U	217	7.63 ± 2.12	11.7	0.50U
CCRW-13	10/24/2018	0.50U	24.6	19.4	1.6U	0.33U	1.7U	0.96U	0.50U	14.4 I	0.10U	23.6	7.22 ± 2.06	4	0.50U
CCRW-14	10/24/2018	0.50U	5.9	37.6	1.6U	0.33U	1.7U	0.96U	0.50U	48.7	0.10U	338	8.46 ± 2.27	1.3	0.50U
CCRW-15	10/24/2018	0.50U	1.8	37.1	1.6U	0.33U	1.7U	0.96U	0.50U	16.3 I	0.10U	18.5	6.36 ± 1.69	0.72 I	0.50U
CCRW-16	10/24/2018	0.50U	12.4	50.9	1.6U	0.33U	1.7U	0.96U	0.50U	25.8 I	0.10U	24.3	15.4 ± 2.92	2.2	0.50U
CCRW-17	10/24/2018	1.1	16.3	47.2	1.6U	0.33U	1.7U	1.1 I	0.50U	24.5 I	0.10U	64	2.83 ± 1.20	2.8	0.69 I
CCRW-18	10/24/2018	0.50U	48.3	49.3	1.6U	0.33U	1.7U	1.8 I	0.50U	75.4	0.10U	125	14.6 ± 2.84	7.2	0.50U
CCRW-20	10/25/2018	0.50U	9.6	29.2	1.6U	0.33U	1.7U	0.96U	0.50U	51.5	0.10U	8.4 I	4.98 ± 1.56	1.2	0.50U
CCRW-21	10/25/2018	0.50U	15	30	1.6U	0.33U	1.7U	0.96U	0.50U	69.7	0.10U	9.5 I	13.1 ± 2.77	2	0.50U
CCRW-22	10/26/2018	0.50U	3.7	26.6	1.6U	0.33U	1.7U	0.96U	0.50U	5.6 I	0.10U	13.5	10.1 ± 2.39	0.62 I	0.50U
CCRW-23	10/25/2018	0.50U	10.6	64.6	1.6U	0.33U	1.7U	0.96U	0.50U	32.0 I	0.10U	61.2	5.26 ± 1.64	1.8	0.50U
CCRW-24	10/25/2018	0.50U	11.5	50.7	1.6U	0.33U	1.7U	0.96U	0.50U	10.6 I	0.10U	35.5	4.18 ± 1.42	1.8	0.50U
CCRW-25	10/25/2018	0.50U	63.2	38.6	1.6U	0.33U	1.7U	2.1 I	0.50U	3.8U	0.10U	9.8 I	7.65 ± 1.99	9	0.50U
CCRW-26	10/25/2018	0.50U	38.5	26.8	1.6U	0.33U	1.7U	2.3 I	0.50U	9.6 I	0.10U	15.2	9.42 ± 2.23	5.4	0.50U
CCRW-27	10/26/2018	0.50U	1.2	28.2	1.6U	0.33U	1.7U	0.96U	0.50U	22.3 I	0.10U	6.4 I	10.8 ± 2.42	0.50U	0.50U

Notes:

¹ - Groundwater protection standard represents USEPA Maximum Contaminant Level unless specified otherwise

* - Groundwater protection standard represents values noted in USEPA'S Amendments to the National Minimum Criteria (Phase One, Part One), Disposal of Coal Combustion Residuals from Electric Utilities; effective July 17, 2018

µg/L - micrograms per litre

I - Estimated concentration above the method detection limit and below the reporting limit

mg/L - milligrams per litre

Radium, total - the sum of radium-226 + radium-228

STD - standard units

U - Analyte was analyzed for, but not detected above the reporting limit

- Bold, highlighted text indicates concentration is above the groundwater protection standard

TABLE 7
MARCH 2019 SAMPLING RESULTS
 Crystal River Energy Complex
 Crystal River, FL

Appendix IV Constituent	Antimony, total	Arsenic, total	Barium, total	Beryllium, total	Cadmium, total	Chromium, total	Cobalt, total	Lead, total	Lithium, total	Mercury, total	Molybdenum, total	Radium, total	Selenium, total	Thallium, total
Units	mg/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	pCi/L	ug/L	ug/L
Groundwater Protection Standard ¹	6	10	2000	4	5	100	6	15	40	2	100	5	50	2
Well ID	Date Sampled	March 2019 Assessment Monitoring Results												
CCRBW-2	3/19/2019	0.50U	1.1	5.1E	1.6U	0.33U	1.7U	1.6I	0.50U	15.4I	0.10U	3.7I	1.70U ± 1.05	0.50U
CCRW-5	3/18/2019	0.52I	3.8	22.4	1.6U	0.33U	1.7U	1.8I	0.50U	12.5I	0.10U	10.8	4.08 ± 1.61	0.77I
CCRW-6	3/18/2019	0.50U	4.5	6.7I	1.6U	0.33U	1.7U	1.9I	0.50U	6.3I	0.10U	21.9	2.16 ± 1.27	2.2
CCRW-7	3/18/2019	0.50U	41.7	13	1.6U	0.33U	1.7U	4.9I	0.50U	6.9I	0.10U	7.3I	8.94 ± 2.29	0.66I
CCRW-8	3/18/2019	0.50U	34.6	15.7	1.6U	0.33U	1.7U	3.1I	0.50U	8.0I	0.10U	20.4	3.70 ± 1.44	0.50U
CCRW-9	3/18/2019	0.50U	4.1	57.7	1.6U	0.33U	1.7U	1.2I	0.50U	6.1I	0.10U	6.8I	6.21 ± 2.02	0.95I
CCRW-10	3/18/2019	0.50U	12.4	48.8	1.6U	0.33U	1.7U	1.4I	0.50U	18.8I	0.10U	77.2	6.48 ± 1.79	1.3
CCRW-11	3/18/2019	0.50U	40	55.4	1.6U	0.33U	1.7U	2.0I	0.50U	220	0.10U	173	12.3 ± 2.71	1.4
CCRW-12	3/18/2019	0.50U	67	116	1.6U	0.33U	1.7U	1.2I	0.50U	33.8I	0.10U	156	5.41 ± 1.62	2.2
CCRW-13	3/18/2019	0.50U	24.8	19.8	1.6U	0.33U	1.7U	0.96U	0.50U	13.3I	0.10U	20.2	3.99 ± 1.55	1.1
CCRW-14	3/18/2019	0.50U	7.4	40	1.6U	0.33U	1.7U	1.7I	0.50U	502	0.10U	261	4.70 ± 1.44	1.8
CCRW-15	3/18/2019	0.50U	2.4	35.5	1.6U	0.33U	1.7U	0.96U	0.50U	12.7I	0.10U	17.6	7.29 ± 2.00	1.2
CCRW-16	3/18/2019	0.50U	12.5	46.8	1.6U	0.33U	1.7U	1.5I	0.50U	19.7I	0.10U	22.8	12.3 ± 2.61	1.8
CCRW-17	3/19/2019	1.8	5.9	42	1.6	0.33U	1.7U	1.6I	0.50U	21.5I	0.10U	60.2	2.74 ± 1.43	1.2
CCRW-18	3/19/2019	0.50U	49.1	47.5	1.6U	0.33U	1.7U	4.1I	0.50U	121	0.10U	257	16.6 ± 3.19	0.50U
CCRW-20	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CCRW-21	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
CCRW-22	3/19/2019	0.50U	16.9	31.6	1.6U	0.33U	1.7U	3.6I	0.50U	14.6I	0.10U	6.4I	12.1 ± 2.67	0.50U
CCRW-23	3/19/2019	0.53I	5.1	32.5	1.6U	0.33U	1.7U	1.2I	0.50U	27.2I	0.10U	43.7	3.39 ± 1.38	0.66I
CCRW-24	3/19/2019	0.50U	10.7	45	1.6U	0.33U	1.7U	1.6I	0.50U	14.9I	0.10U	35.8	5.40 ± 1.68	0.56I
CCRW-25	3/19/2019	0.50U	74.8	33.9	1.6U	0.33U	1.7U	3.5I	0.50U	7.0I	0.10U	6.5I	9.95 ± 2.3	0.50U
CCRW-26	3/19/2019	0.50U	39	24.4	1.6U	0.33U	1.7U	3.5I	0.50U	11.5I	0.10U	10.9	10.1 ± 2.38	0.50U
CCRW-27	3/19/2019	0.50U	1.8	30.8	1.6U	0.33U	1.7I	2.6I	0.50U	9.4I	0.10U	5.7I	13.6 ± 2.83	0.50U
CCRW-28	3/19/2019	0.50U	0.83I	12.4	1.6U	0.33U	1.7U	1.4I	0.50U	12.3I	0.10U	10.9	2.05U ± 1.3	0.50U
CCRW-29	3/19/2019	0.50U	21.7	31	1.6U	0.33U	1.7U	2.0I	0.50U	76.6	0.10U	7.4I	9.10 ± 2.61	0.68I
CCRW-30	3/19/2019	0.50U	1	8.2I	1.6U	0.33U	1.7U	1.2I	0.50U	3.8U	0.10U	1.8I	2.01U ± 0.987	0.78I

Notes:

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µg/L - micrograms per litre

J - Estimated concentration above the method detection limit and below the reporting limit

mg/L - milligrams per litre

Radium, total - the sum of radium-226 + radium-228

STD - standard units

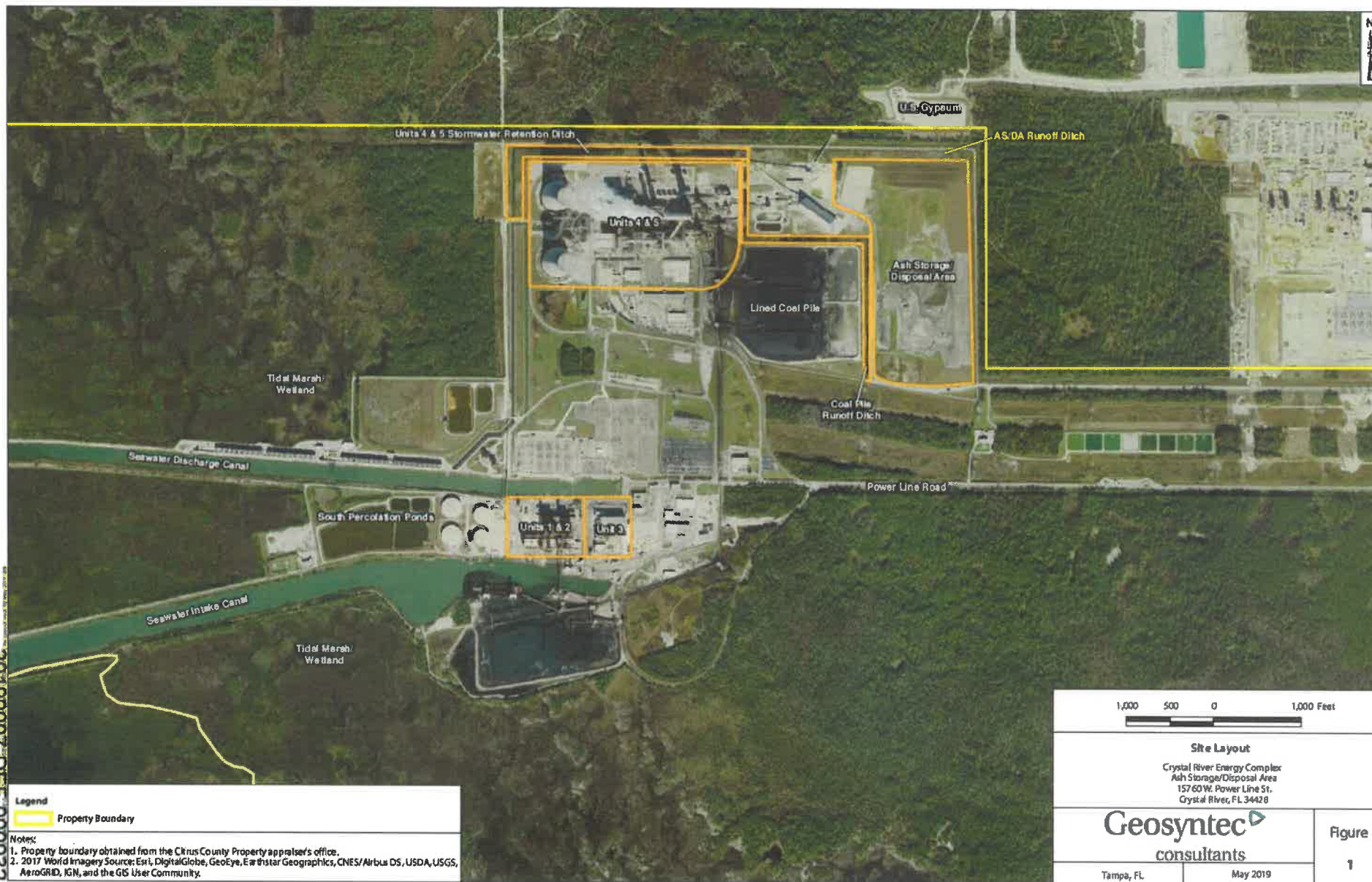
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NM indicates not measured

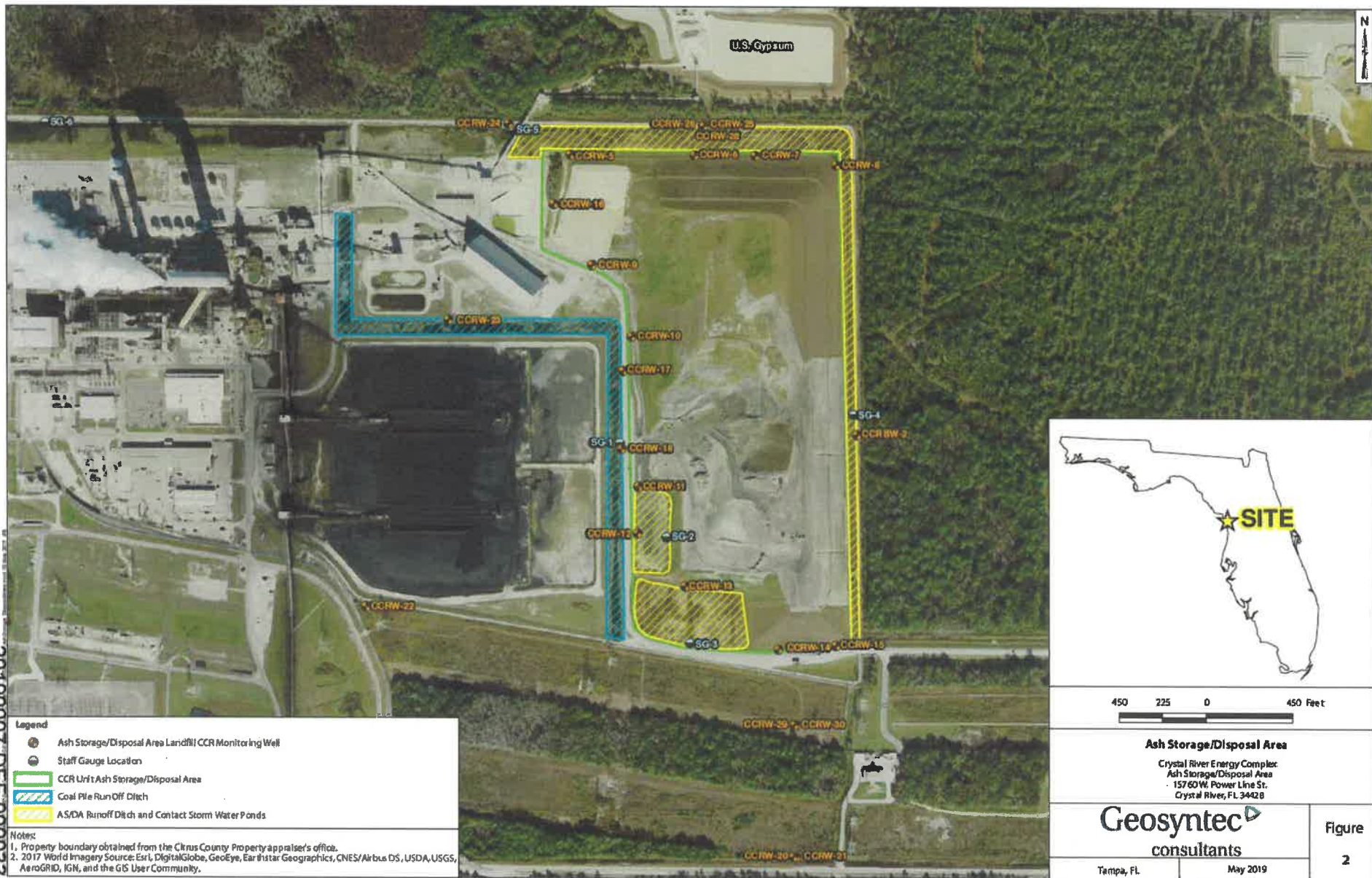
- Bold, highlighted text indicates concentration is above the groundwater protection standard Note total radium is subject to an Alternate Source Determination

FIGURES

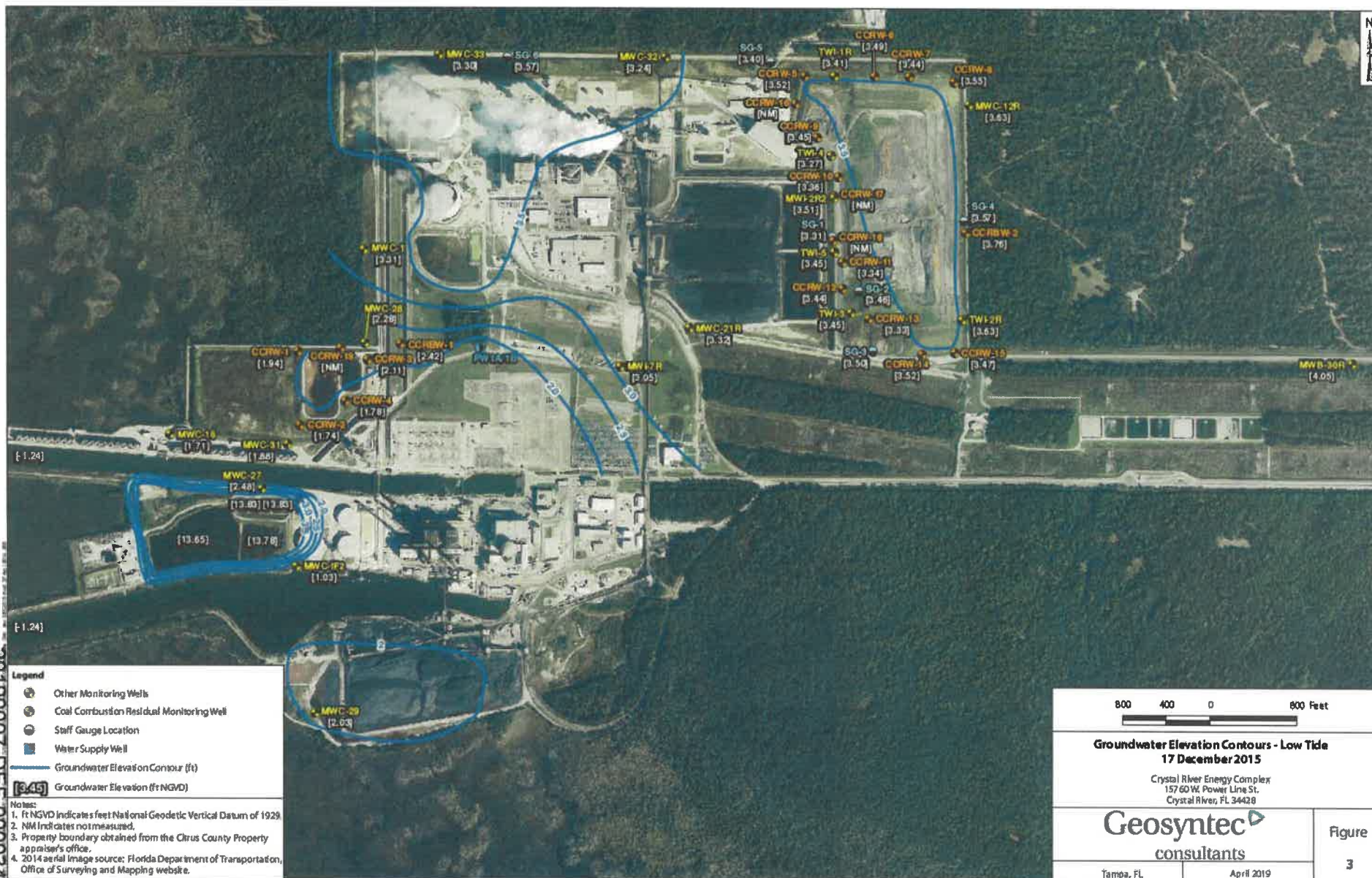
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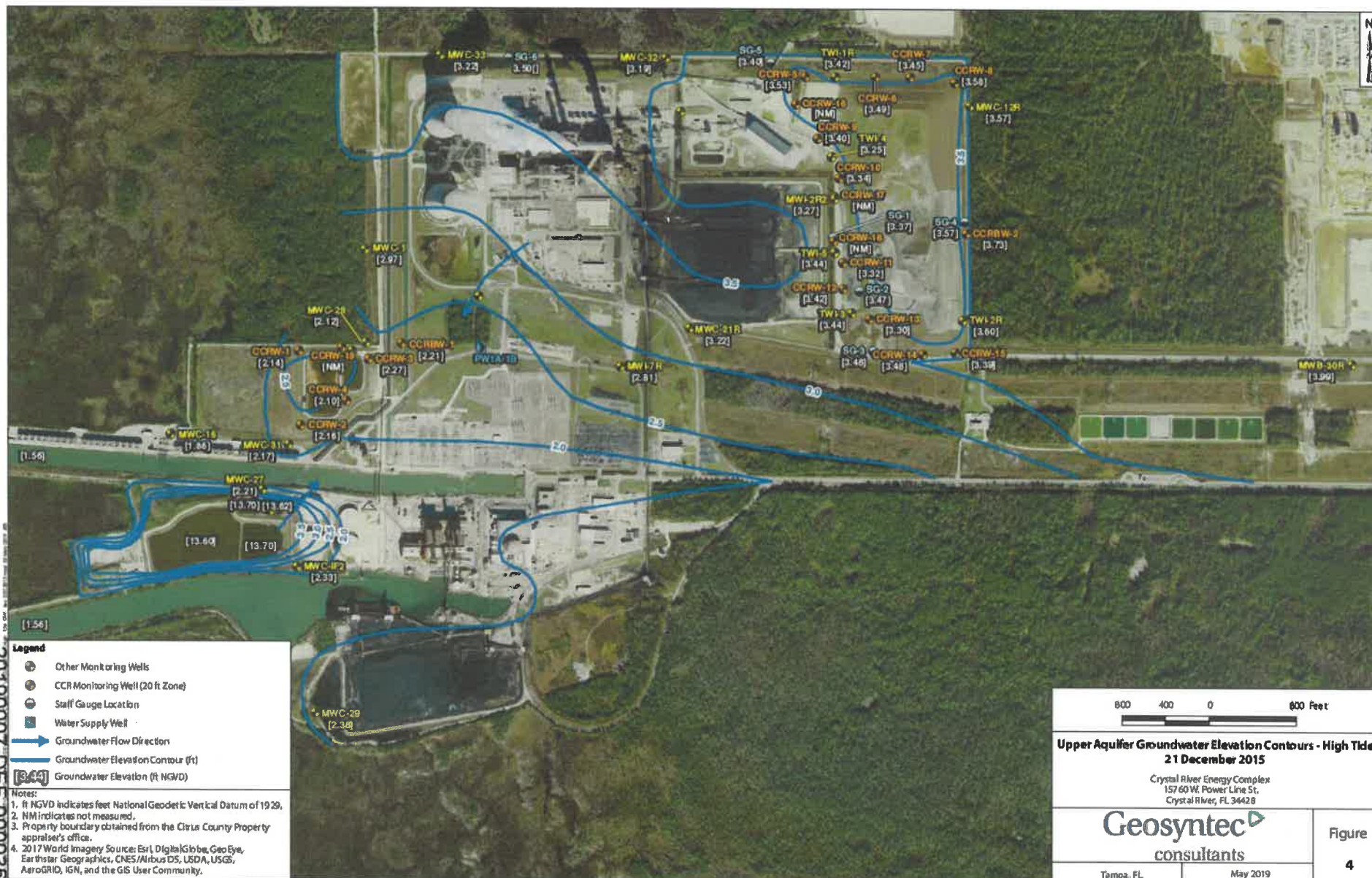
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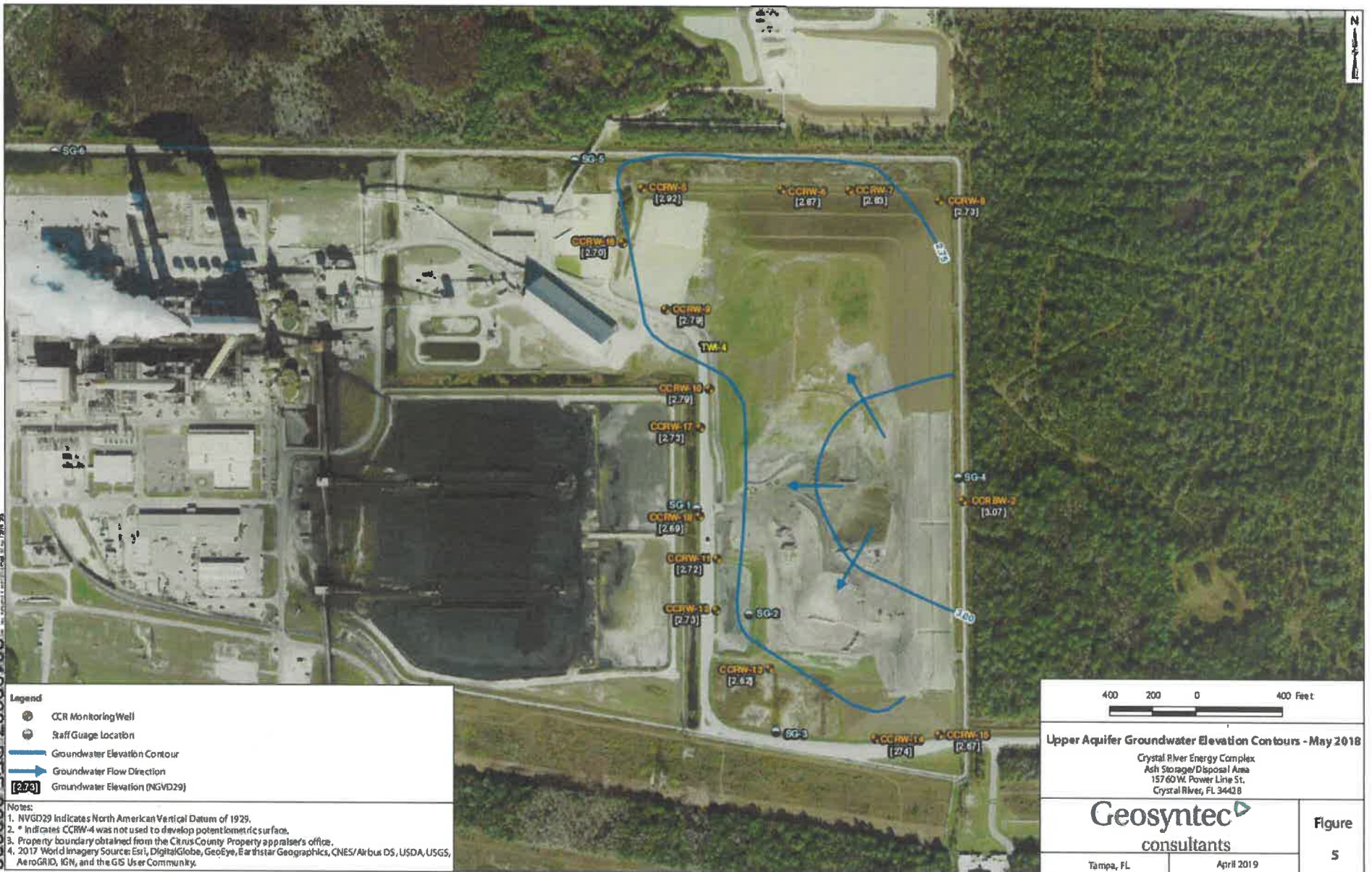
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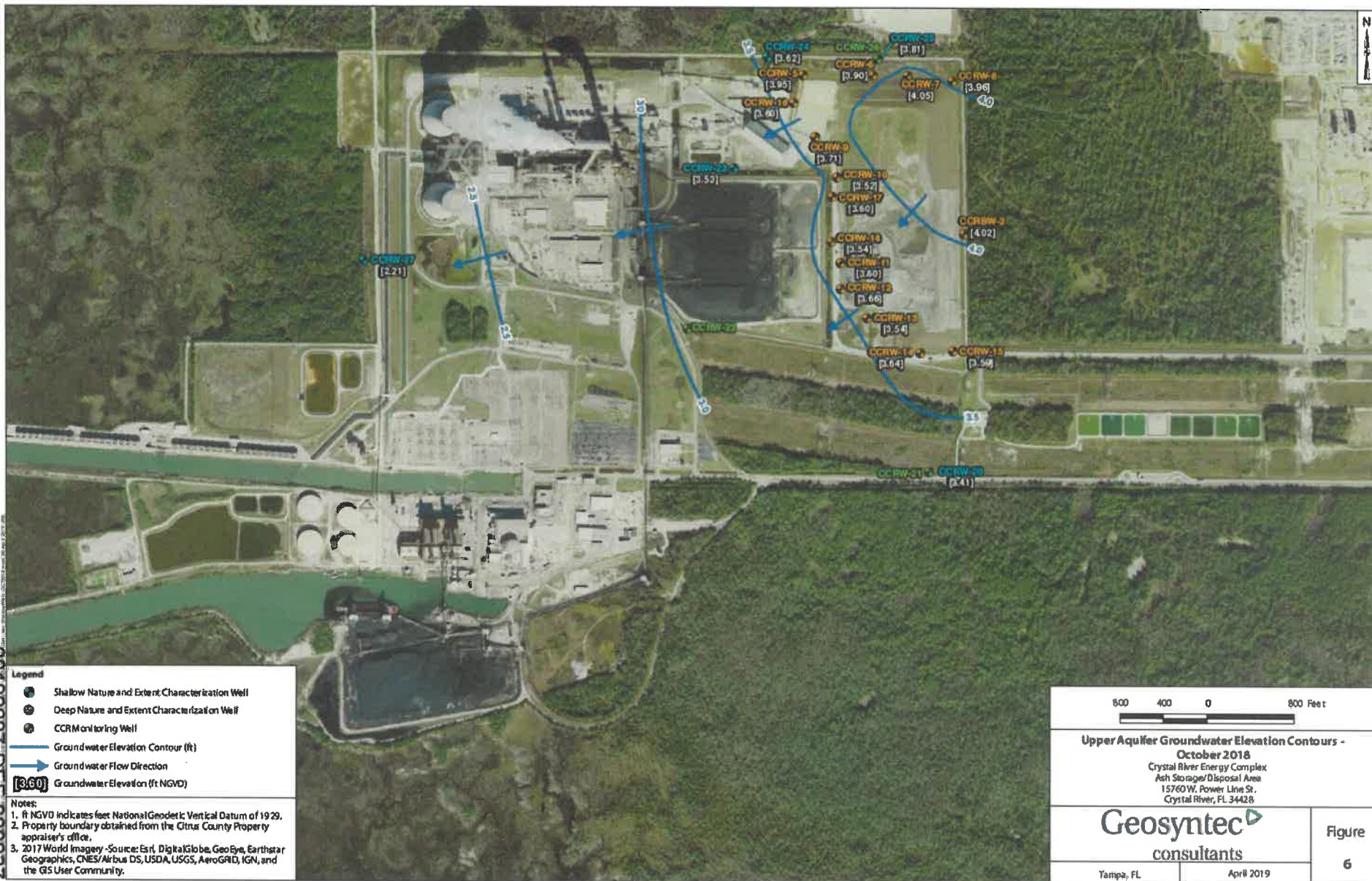
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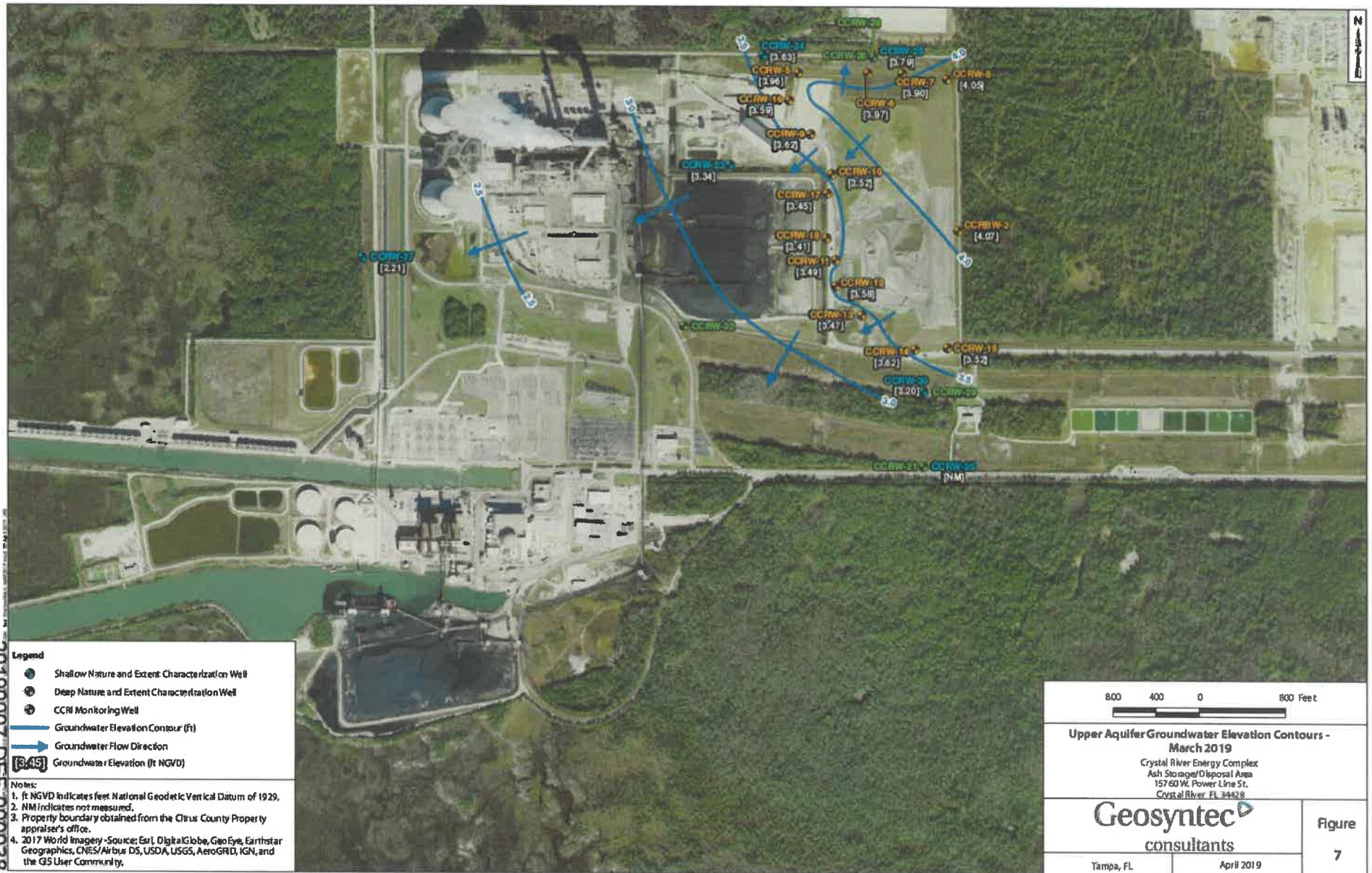
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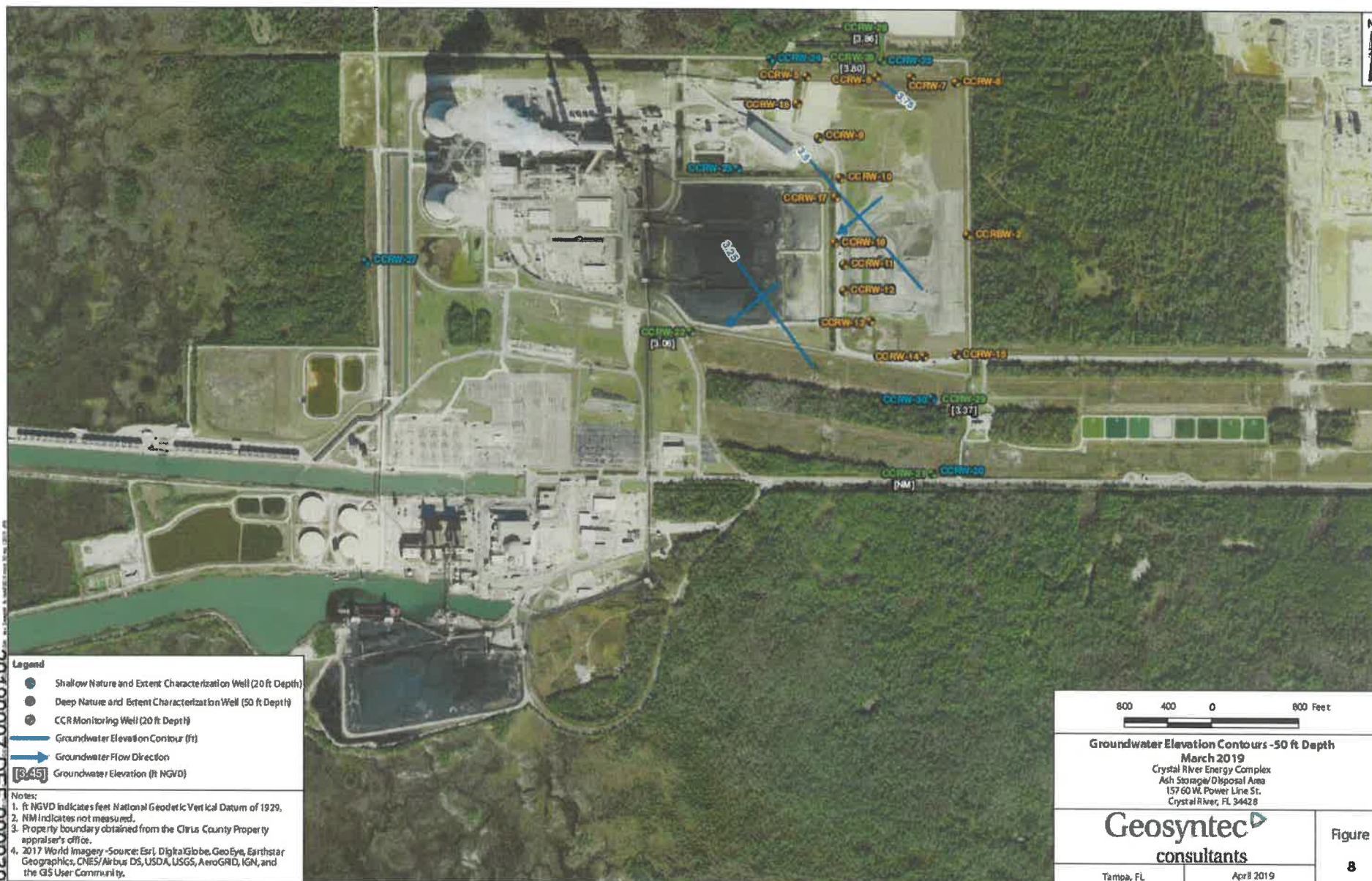
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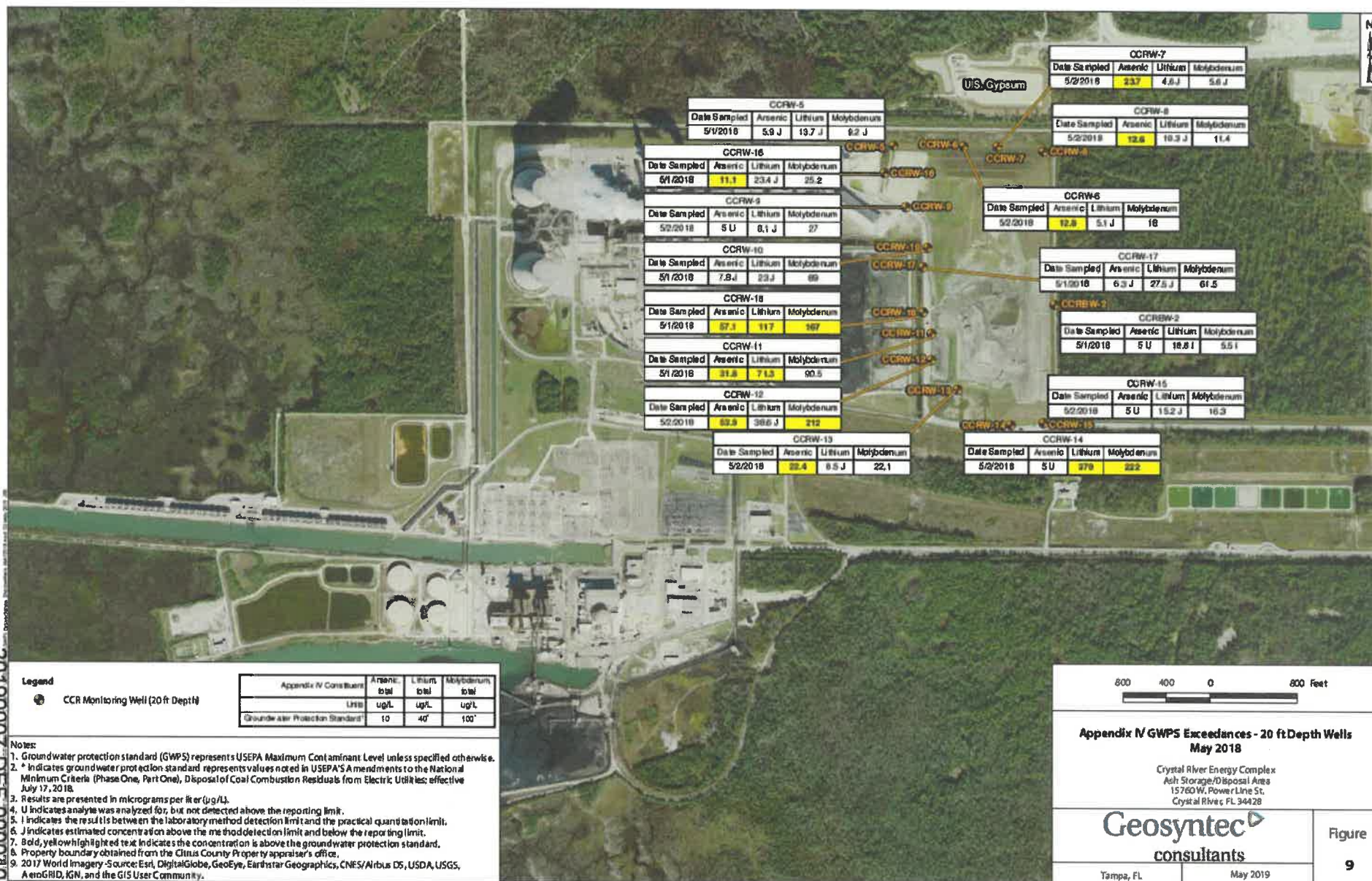
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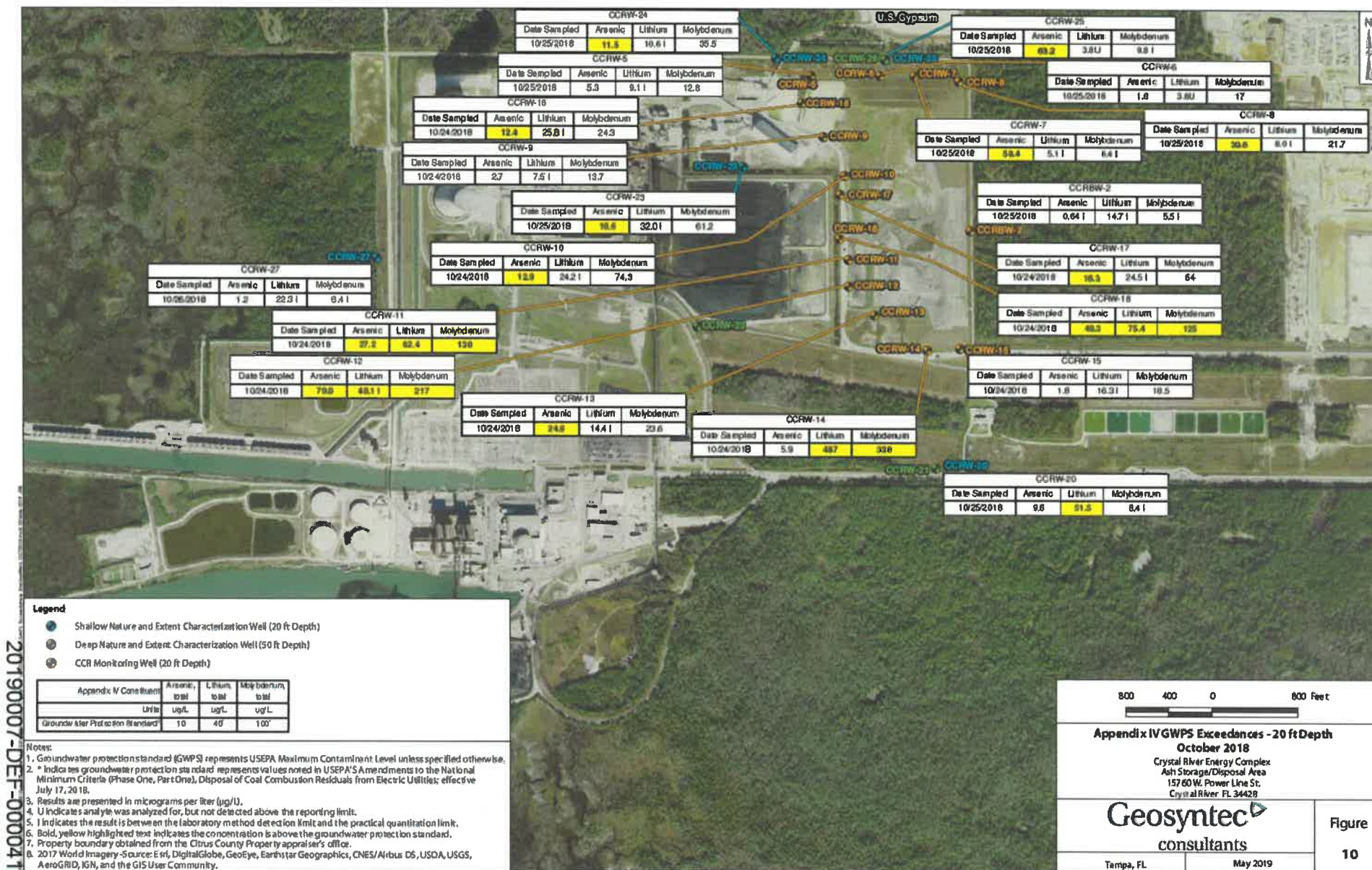


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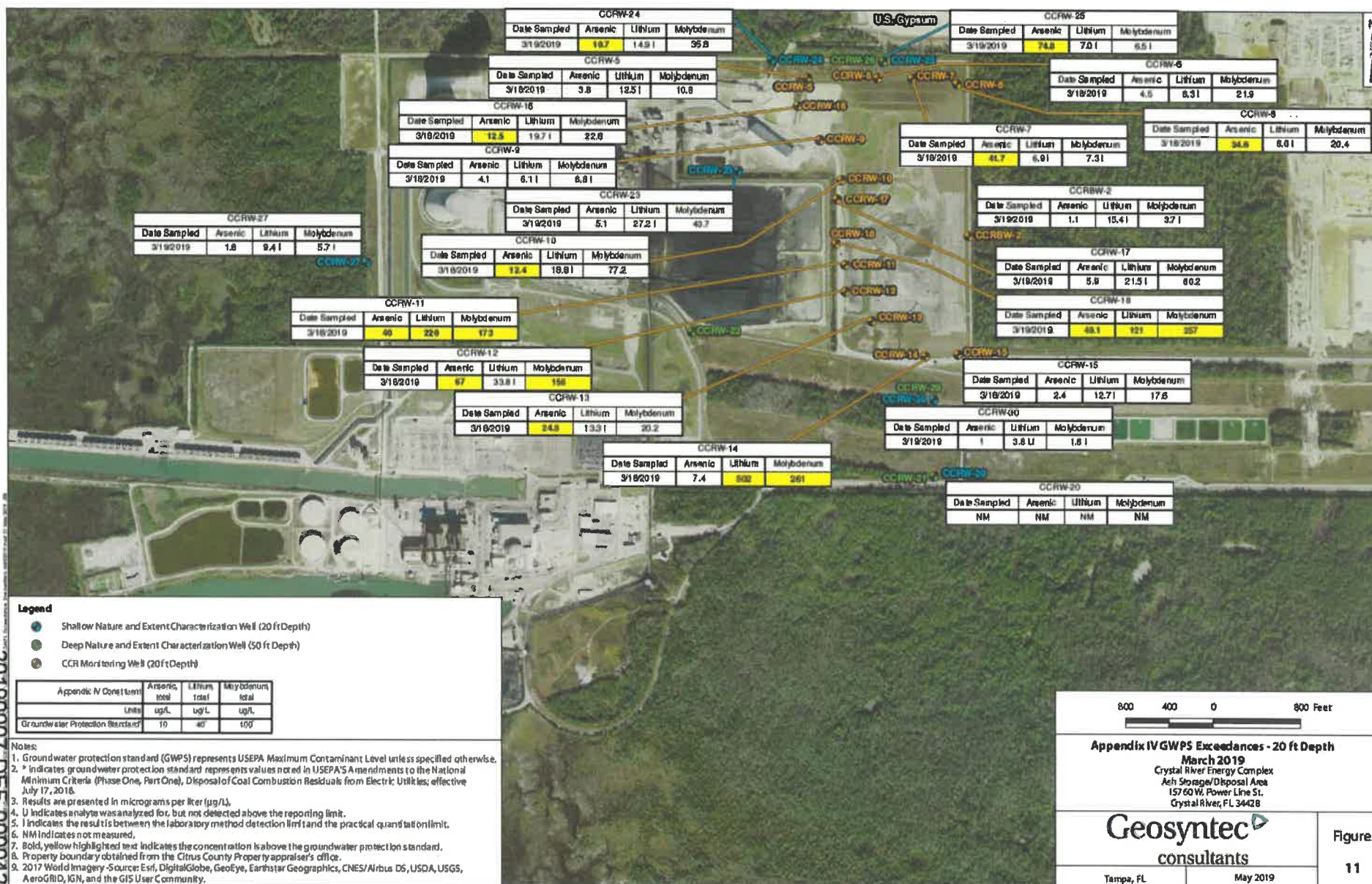
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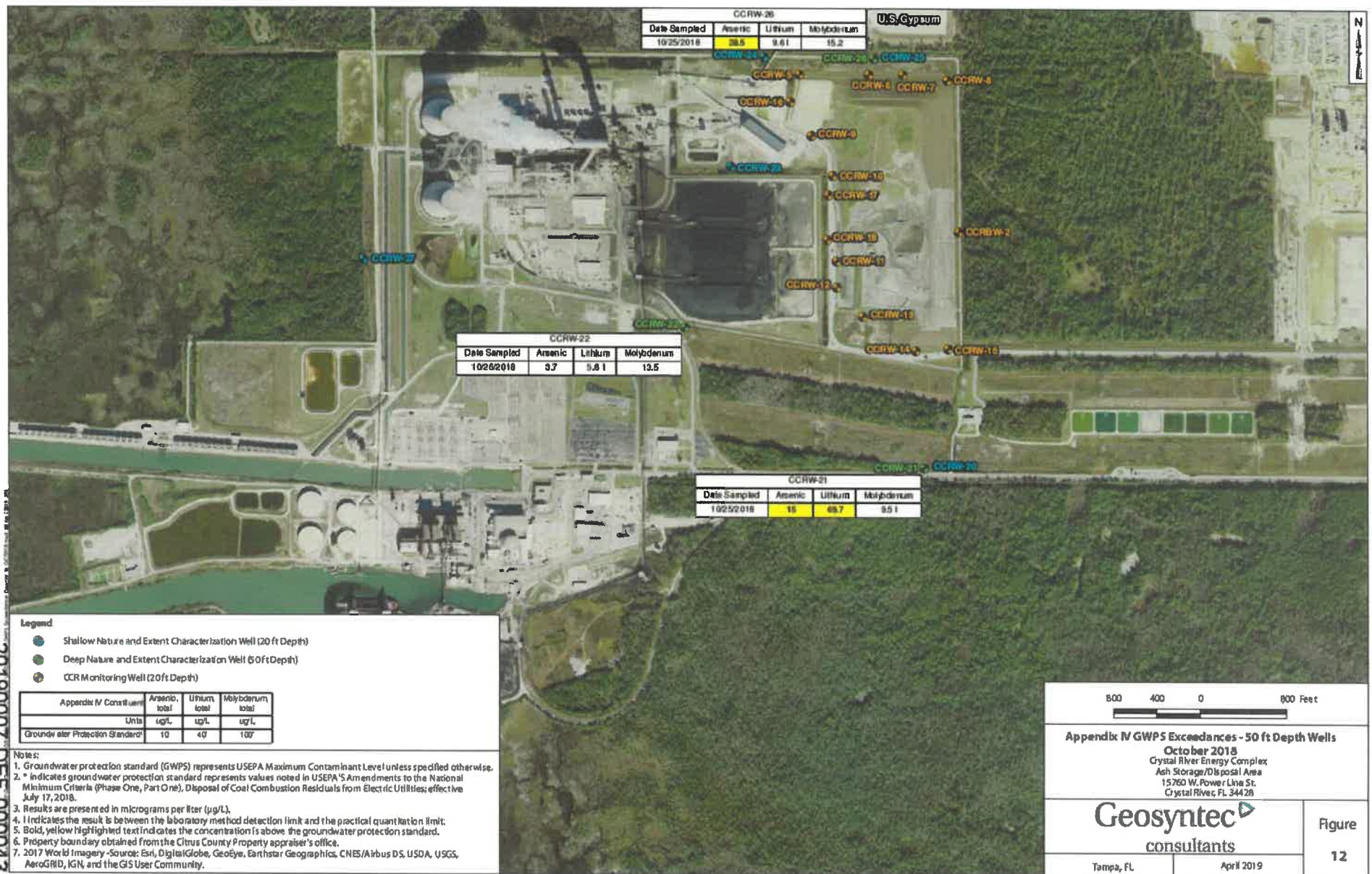


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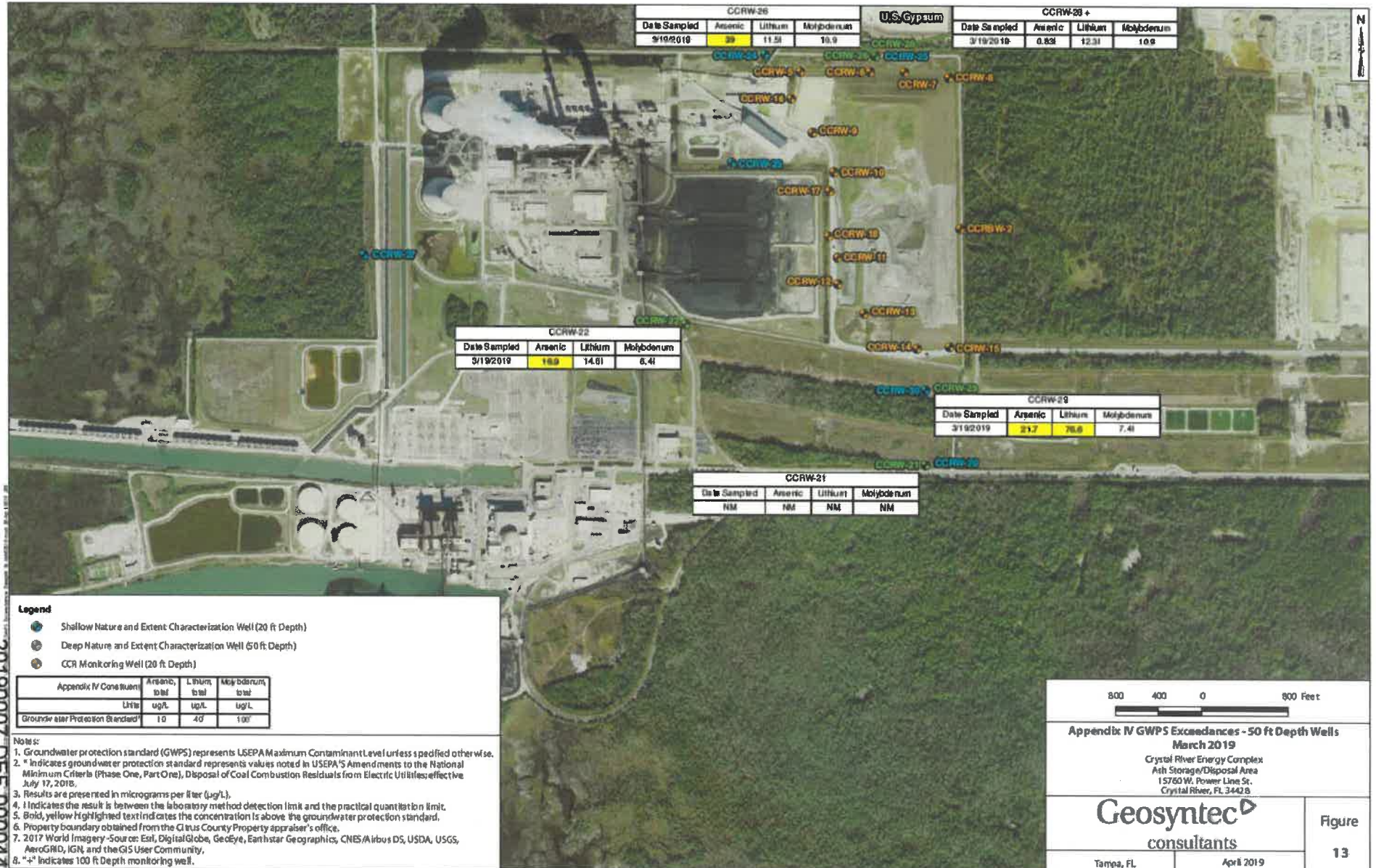
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20190007-DEF-000044



APPENDIX A

Potential Groundwater Remedies

APPENDIX A – POTENTIAL GROUNDWATER REMEDIES

CCR Assessment of Corrective Measures Report Ash Storage/Disposal Area Crystal River Energy Complex 15760 W. Power Line Street Crystal River, Citrus County, Florida

Prepared for

Duke Energy Florida, LLC

Prepared by

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Project FR3319

June 2019

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1. INTRODUCTION

The following sections summarize the groundwater remedial technologies that were evaluated to address arsenic, lithium, and molybdenum that have been detected at statistically significant levels exceeding their respective groundwater protection standards at the Ash Storage/Disposal Area (AS/DA). These technologies correspond with **Section 4.3** in the Assessment of Corrective Measures report and include in-situ, groundwater extraction, and groundwater treatment technologies and monitored natural attenuation (MNA). **Appendix B** presents the remedial technologies evaluation and **Table 1** summarizes the treatment technology evaluation.

2. IN-SITU TECHNOLOGIES

In-situ groundwater treatment technologies address constituents of interest (COI) through in place treatment without extraction of impacted media. The following sections summarize the in-situ treatment technologies evaluated to address groundwater impacts at the AS/DA.

2.1 Permeable Reactive Barriers (PRB)

PRBs consists of a permeable treatment zone installed in a trench excavated below the water table and aligned perpendicular to groundwater flow to intercept and treat contaminated groundwater. Reactive materials (e.g., zero valent iron [ZVI], mulch, activated carbon, and zeolites) are installed within the permeable treatment zone for passive groundwater treatment as it flows through the barrier (USEPA, 2014). Within the treatment zone, a series of chemically and/or biologically-mediated reactions occur to immobilize or chemically transform groundwater constituents (USEPA, 1998). Conceptually, PRBs can consist of (a) funnel-and-gate configurations in which low permeability zones or walls (funnel) are installed to direct groundwater flow through the PRB (gate) or (b) continuous PRB trenches that completely intersect the width of the contaminant plume (USEPA, 2019). In both scenarios, the optimal design involves extending the PRB to a lower confining unit to reduce the potential for groundwater flow beneath the treatment zone. This design criteria presents a challenge at the Crystal River Energy Complex (CREC) due to the karstic nature of the underlying sediments (limestone of the Ocala Formation containing numerous voids and secondary porosity) at the Site. Implementation is constrained by the uncertainty in the geology due the presence of karst and the absence of a low permeability layer to key the base of the PRB into. A PRB installed in this type of setting would be less effective as soluble constituents in groundwater would likely flow beneath the PRB and bypass the treatment zone. An impractical level of geologic exploration and design would be required to ensure efficacy of the PRB.

Another consideration for PRBs is the selection of reactive material for the permeable zone to meet performance criteria concerning media longevity and treatment effectiveness. Reactive materials commonly utilized in PRBs have finite treatment lifecycles that are impacted by Site-specific groundwater characteristics (e.g., the geochemical composition, abundance of biological activity, and chemical composition of the groundwater). Furthermore, different reactive materials have varying reactive potentials with COI. ZVI is effective in reducing dissolved arsenic concentrations and other cationic metals in groundwater; however, its specific effectiveness for treating molybdenum and lithium is not well documented (USEPA, 2019). Pilot studies would be necessary to evaluate the treatment effectiveness and longevity of different reactive materials in treating the Site groundwater with high concentrations of chloride and total dissolved solids (TDS) that range from 6.7 to 1,809 milligrams per liter (mg/L) and 407 to 3,440 mg/L, respectively, in the CCR monitoring well network across the Site.

2.2 Groundwater Flow Barriers

Low permeability groundwater flow barriers isolate contaminated groundwater at the source and prevent contaminated groundwater from migrating outside the contained location. In contrast to PRBs, low permeability barriers do not provide treatment of contaminated groundwater. The installation of low permeability barriers can serve dual purposes by minimizing the movement of contaminated groundwater into uncontaminated areas and minimizing the movement of

uncontaminated groundwater into contaminated areas. Low permeability barriers can be constructed from natural (soil and bentonite), synthetic (cement or sheet piling), or composite (bentonite and cement) materials (USEPA, 1992). By disrupting the natural groundwater flow regime, low permeability barriers lead to altered groundwater flow patterns, such as groundwater mounding due to surface infiltration or the diversion of groundwater beneath or around the barriers, that must be addressed to retain the long-term effectiveness of the remedy. Groundwater extraction wells can be installed to mitigate these effects but will require ex-situ treatment of the dissolved contaminants. However, the challenges discussed above for PRBs in creating a competent seal at the base of the barrier in the underlying karstic limestone still apply.

2.3 Chemical Immobilization

This remedial strategy involves the injection of chemical reagents (e.g., ZVI), into contaminated areas of the aquifer to immobilize metals by absorption or precipitation reactions to form less toxic by-products (USEPA, 2019). Chemical reagents for immobilizing arsenic are documented; however, chemical reagents capable of immobilizing lithium and molybdenum are not well-documented.

The effectiveness of chemical immobilization is limited by contact of chemical reagents with COI within groundwater. The karst features at the CREC present a reagent delivery challenge for injecting amendments into the subsurface due to the uncertainty of contacting COI because of preferential flow. Karst features may also contain secondary sources of COI or lingering coal combustion residual (CCR) sources that consume chemical reagents, reducing the concentrations available to react with COI.

Remobilization of stabilized metals may occur following treatment, depending upon the geochemical conditions (e.g., pH and redox conditions) that persist in the aquifer following treatment (USEPA, 2019). To mitigate the effects of remobilization reactions from immobile to dissolved phases, additional amendments or chemical reagents can be periodically injected into the treatment areas, which requires the installation of a permanent injection well network and periodic groundwater performance monitoring. Additionally, the immobilization of one constituent through chemical reduction may mobilize different constituents. Pilot scale treatment studies with Site-specific groundwater would be necessary to evaluate the behavior of COI and the mineral phases that form in response to the addition of different chemical reagents.

3. EX-SITU TECHNOLOGIES

In contrast to in-situ technologies, ex-situ remedial alternatives involve the extraction of contaminated groundwater for subsequent treatment. Contaminated groundwater can be treated on-Site for reintroduction into the aquifer via infiltration galleries (trenches) or injection wells or removed for off-Site treatment and/or disposal. The use of injection wells would likely require a State of Florida Underground Injection Control permit.

3.1 Conventional Groundwater Extraction

Groundwater extraction removes constituent mass from the groundwater for subsequent treatment and disposal and can provide hydraulic control to reduce or prevent groundwater constituent migration. Hydraulic containment controls the movement of the contaminated groundwater and prevents the continued migration and expansion of the groundwater plume (USEPA, 1996). Groundwater extraction techniques that could apply to CREC include the following:

- Conventional vertical extraction wells in unconsolidated soils or limestone;
- Horizontal wells that are directionally drilled; and
- Collection trenches (depths are dependent upon excavation techniques but are typically shallower than horizontal wells).

Groundwater extraction is feasible at CREC due to the shallow depth to water and high aquifer permeability. However, hydraulic capture is directly related to the spacing of extraction wells and screened intervals. Extraction well design and hydraulic capture in karstic sediments would prove difficult due to preferential flowpaths and interconnected secondary porosity within the aquifer. Aquifer testing (e.g., pumping tests) and numerical groundwater modeling would be required to design the extraction system. The karst features also present challenges in predicting and controlling the groundwater flow behavior through these features when coupled with active pumping and reinjection. In addition, groundwater extraction could also require measures to avoid impacts to wetlands in surrounding lands. Extraction wells and equipment must be selected to prevent fouling and corrosion associated with the high TDS and chloride concentrations present in groundwater at the Site.

3.2 Phytoremediation – Groundwater Extraction

In comparison to conventional groundwater extraction methods, phytoremediation is a passive groundwater extraction method that relies on the diurnal metabolic activity of trees for extracting groundwater from the subsurface. During sunlight exposure, the metabolic activity of trees increases from increased photosynthesis and consequently, results in the increased uptake (“pumping”) of groundwater through root systems. For remediation applications, trees are installed in engineered “tree wells” that provide the necessary depth for roots to intercept impacted groundwater flow. As the roots extract and “pump” groundwater, there is hydraulic containment of the contamination to mitigate further migration of the impacted groundwater. Additionally, different tree species are capable of uptake, metabolism, and sequestration of inorganics in the root zone.

Design of an effective phytoremediation system may be limited due to the karstic nature of the sediments, the high permeability of the aquifer at the CREC, and the number of tree wells required to capture and contain contaminated groundwater. Additionally, the high TDS and chloride concentrations present in the groundwater at CREC may limit the number of appropriate plant species for this required for this treatment strategy.

3.3 Groundwater Treatment

Extracted groundwater must be treated to remove constituent mass prior to discharge or re-injection into the aquifer. The strategy is frequently utilized with groundwater extraction techniques and is commonly known as “pump-and-treat.” The following sections summarize specific groundwater treatment strategies for inorganics.

3.3.1 Adsorption Technologies

This treatment strategy involves passing contaminated groundwater through adsorptive granular media that physically and chemically interact with COI to remove them from the liquid phase (USEPA, 2019; Nicomel et al., 2016). Over time, the number of available adsorption sites decreases and requires regeneration or replacement of the media to maintain effectiveness. Regeneration or replacement of spent media creates a secondary waste stream that requires off-Site disposal.

Common granular media include activated alumina, zirconium-based media, titanium-based media, iron-based media, and carbon-based media (USEPA, 2019). Different media types are selective in terms of absorbing different inorganics. The presence of cations at elevated concentrations at CREC (e.g., calcium at up to 706 mg/L, magnesium at up to 353 mg/L, and sodium up to 3,060 mg/L) would require bench testing and/or pilot studies to understand the behavior of Site-specific groundwater with different media types (Geosyntec, 2018).

3.3.2 Filtration Technologies

This treatment strategy uses permeable membranes with unique pore sizes to remove dissolved COI from groundwater. The filtration process is selective and is dictated by constituent size and not the constituent type. Common filtration processes for removing inorganics include reverse osmosis (smallest relative pore size), nanofiltration, ultrafiltration, and microfiltration (largest relative pore size). Of the common filtration processes, reverse osmosis effectively removes monovalent (e.g., Li^{+1}) and multivalent (e.g., As^{+3} or As^{+5} and Mo^{+2} or Mo^{+3}) ions, whereas ultrafiltration and nanofiltration are sufficient for removing multivalent ions and larger constituents (Nicomel et al., 2016). External pressure, generally requiring electrical input, is utilized to force groundwater through the low permeability membranes, and the pressure requirement is a function of pore size (e.g., reverse osmosis has highest pressure demand).

The inherent non-selective nature of membranes leads to unintended recovery of non-target ions or particulates from groundwater, which can lead to concentrated secondary waste streams from the membrane reject stream or membrane cleaning processes. The high concentrations of other non-targeted ions in CREC groundwater is an important design consideration for membrane technologies.

3.3.3 Ion Exchange Technologies

This technology uses physical and chemical processes to remove COI from the aqueous phase in exchange for innocuous ions on a solid resin phase (FRTR, 2019; USEPA, 2019). The process involves exchanging resin ions of similar charges to those in solution that have a stronger exchange affinity or selectivity for the resin material. Common resin materials include synthetic organic materials, inorganic materials, or natural polymeric materials.

The efficiency of ion exchange is impeded by high concentrations of non-target ions with similar affinities that compete with target ions for active sites on the exchange resin. High concentrations of TDS and sulfate (up to 3,440 mg/L and 902 mg/L, respectively, at CREC) in groundwater have been shown to reduce the effectiveness of ion exchange (USEPA, 2019). The exchange reaction at the active sites of resin materials is reversible and the resins can be regenerated following saturation with target ions, which creates a secondary waste stream requiring additional treatment. Bench testing and/or pilot studies with Site-specific groundwater would be necessary to determine the behavior and effectiveness of different ion exchange resins.

3.3.4 Precipitation Technologies

Precipitation is well-established for removing inorganics from solution and uses chemical reagents or flocculants in solution to form precipitates. The flocculation process involves chemical reactions that convert soluble, dissolved constituents into insoluble, solid forms, such as hydroxides, carbonates, or sulfides, through the addition of a chemical reagent or flocculent, pH adjustment, and mixing (FRTR, 2019). Following flocculation of the insoluble metal precipitates, the liquid phase is physically separated from solution using clarification and/or filtration processes and can be reinjected, while the solid phase requires appropriate disposal.

The determination of the proper chemical reagent or flocculent, the optimal pH, mixing requirements, and efficient chemical dosing rates varies based on Site-specific groundwater conditions and requires bench-scale jar testing (FRTR, 2019). The presence of other high concentration cations (e.g., sodium) and TDS in CREC groundwater that may interfere with the intended precipitation reactions should be considered for process design of this technology.

4. MONITORED NATURAL ATTENUATION

MNA incorporates natural destructive and non-destructive mechanisms to reduce COI in groundwater. MNA is demonstrated using one or more lines of evidences that the natural capacity of an aquifer can reduce constituent concentrations through a series of biological, chemical, and/or physical subsurface interactions over time without human intervention. An important distinction between MNA mechanisms for organic and inorganic constituents is that inorganic constituents may persist in immobilized forms within the aquifer compared to organic constituents that generally attenuate or degrade through MNA mechanisms (USEPA, 2007). While inorganic constituents may persist in immobilize forms, the tiered approach published by USEPA provides guidance for establishing lines of evidence for MNA mechanisms (USEPA, 2007 and 2015).

Attenuation mechanisms for inorganic constituents generally consist of physical and chemical processes such as dispersion, dilution, sorption, and/or precipitation and biological processes including microbial oxidation or reduction reactions. MNA can serve as a primary remedial strategy or a secondary strategy following an active in-situ or ex-situ treatment method. Demonstrating MNA involves long-term monitoring of select groundwater monitoring wells for specific COI.

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APPENDIX B

Evaluation of Potential Groundwater Remedies Using Evaluation Criteria

APPENDIX B – EVALUATION OF POTENTIAL GROUNDWATER REMEDIES USING EVALUATION CRITERIA

**CCR Assessment of Corrective Measures Report
Ash Storage/Disposal Area
Crystal River Energy Complex
15760 W. Power Line Street
Crystal River, Citrus County, Florida**

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1. INTRODUCTION

Appendix IV constituents arsenic, lithium, and molybdenum were detected at statistically significant levels (SSLs) above respective groundwater protection standards (GWPS) at the Ash Storage/Disposal Area (AS/DA) at the Crystal River Energy Complex (CREC). As a result, an assessment of corrective measures is required under 40 Code of Federal Regulations (CFR) § 257.96 of the “CCR Rule”. The selection of a groundwater remedy, outlined in 40 CFR § 257.97, must also be considered in evaluating potential corrective measures for constituents present above GWPS. The following sections provide a summary-level assessment of corrective measures that address Site SSLs.

1.1 Requirements of ACM Analysis in 40 CFR § 257.96(c)

40 CFR § 257.96(c) states the following:

The assessment under paragraph (a) of this section must include an analysis of the effectiveness of potential corrective measures in meeting all of the requirements and objectives of the remedy as described under § 257.97 addressing at least the following:

- 1. The performance, reliability, ease of implementation, and potential impacts of appropriate potential remedies, including safety impacts, cross-media impacts, and control of exposure to any residual contamination;*
- 2. The time required to begin and complete the remedy; and*
- 3. The institutional requirements, such as state or local permit requirements or other environmental or public health requirements that may substantially affect implementation of the remedy(s).*

The following sections summarize the evaluation of appropriate remedies to meet the requirements of 40 CFR § 257.96(c). **Table 1** summarizes the findings in a screening matrix.

2. INORGANIC TREATMENT

Arsenic, lithium, and molybdenum (Appendix IV constituents) were detected at SSLs that exceeded respective GWPS and require an evaluation of corrective measures at the AS/DA. The following section focus on treating these constituents in the context of the requirements of 40 CFR § 257.96(c).

2.1 Performance

This criterion evaluates the ability of a technology to achieve the corrective measures including preventing further releases from the AS/DA, remediating existing releases, and restoring the affected area to original conditions.

2.1.1 In-Situ Technologies

Groundwater flow barriers and permeable reactive barriers (PRBs) are established technologies for isolating and immobilizing (respectively) constituents of interest (COI) in groundwater. The low permeability barriers are designed to prevent contaminated groundwater from mixing with uncontaminated portions of the aquifer. The reactive zones in PRBs are designed to immobilize COI as groundwater passes through them. The karst features at CREC present challenges for mitigating the movement of groundwater beneath the low permeability barriers. Extensive grouting or general ground improvement strategies can be utilized to fill voids along the axis of the barrier prior to barrier construction; however, this may not be feasible if existing karst features are too extensive. However, groundwater extraction wells can be utilized in conjunction with barriers to maintain hydraulic control upgradient, downgradient, and beneath the barrier.

Immobilization of monovalent cations (e.g., lithium) with the reactive media is also a performance related challenge for PRBs. Currently, the treatment of lithium using PRBs is not well documented. Additional bench- or pilot-scale studies would be required to evaluate COI removal with commercially-available reactive media using Site-specific groundwater.

The performance of in-situ stabilization for the reduction of COI concentrations from groundwater is a function of effective reagent distribution and contact with contaminants within the aquifer. An injection well network can be designed to maximize constituent contact and effectively distribute reagents within the aquifer. The implementation challenge for this treatment method is the treatment of lithium; methods for the chemical reduction or oxidation of lithium with commercially-available reagents is not well documented.

2.1.2 Groundwater Extraction

Conventional groundwater extraction for hydraulic control is a well-established remedial strategy for preventing the migration of contaminated groundwater across the Site. Extraction wells are designed and installed to intercept contaminated groundwater. The design of a groundwater extraction system is typically developed using a numerical groundwater flow model to demonstrate hydraulic capture. The challenge for groundwater extraction at CREC is designing a system to maintain hydraulic control in a karst aquifer.

The performance of phytoremediation as a groundwater extraction technology is a function of growing conditions and species selection. The growing conditions (e.g., moisture, sunlight,

nutrients, warmth, etc.) at CREC are sufficient for tree growth. Once a sufficient root network has been established to intercept contaminated groundwater in the aquifer, the performance of phytoremediation will be self-sustaining and removal efficiencies will be predictable. Also, tree species can be selected for constituent uptake within herbaceous or woody material in the trees or selected based on Site-specific conditions. The challenges for phytoremediation at CREC involve the design of a network that can provide hydraulic capture in a high transmissivity aquifer and finding tree species that can tolerate and grow in groundwater containing high total dissolved solids (TDS) and chloride concentrations.

2.1.3 Groundwater Treatment

Groundwater treatment technologies can be combined with conventional groundwater extraction technologies to remove contaminant mass from groundwater. The treatment strategies are well established and are known to treat inorganic COIs. The performance of these treatment strategies is a function of constituents within groundwater. The performance challenges at CREC involve high concentrations of dissolved ions that are likely to produce a concentrated waste stream requiring disposal and generate the need for frequent media replacement. Additional bench-scale studies would be warranted prior to the design phase to evaluate contaminant removal efficiencies using commercially available groundwater treatment technologies with Site-specific groundwater.

2.1.4 Monitored Natural Attenuation

The performance of monitored natural attenuation (MNA) relies on biological, chemical, and/or physical mechanisms to attenuate COI concentrations in groundwater. Inorganic constituents are susceptible to these mechanisms and will generally attenuate over time and under specific geochemical and physical conditions. This strategy involves documenting lines of evidence for the occurrence of the destructive and non-destructive mechanisms through routine groundwater monitoring and data analysis to follow concentration trends over time. Groundwater monitoring can be accomplished using the majority of the existing monitoring wells with the network around the AS/DA. Overall, this approach can be effective as a standalone strategy or in combination with other strategies along the downgradient flow path or along the plume boundaries.

2.2 Reliability

This criterion evaluates the degree of certainty that a technology will consistently achieve corrective measure over time.

2.2.1 In-Situ Technologies

Groundwater flow barriers are used for isolating contaminant mass. The reliability of low permeability barriers at CREC depends on construction methods in the karst aquifer. The presence of karst features will require extensive grouting of bedrock voids to facilitate the installation of a barrier; however, the absence of a low permeability layer at the base of the barrier will increase the potential for groundwater flow beneath it. Groundwater extraction wells can be used in conjunction with the barrier to maintain hydraulic control and minimize but not prevent the unintended movement of groundwater around or beneath the barrier.

The reliability of low permeability barriers will depend on the compatibility of the backfill material with the Site-specific groundwater. Bench-scale studies would be conducted during the design

phase to evaluate the behavior and compatibility of different materials with Site-specific groundwater and demonstrate a reduction in permeability is produced to create an effective barrier.

PRBs are capable of immobilizing constituent mass (permeable reactive zones). The reliability of the PRBs includes similar construction and implementation issues to groundwater flow barriers. The reliability of PRBs is a function of the reactive media lifecycle within the permeable zones. The media requires periodic removal and replacement for effective immobilization of COI. The data gaps on reactive media options for the lithium immobilization is a significant consideration for the reliability of this treatment method. Bench-scale studies will be required to evaluate lithium removal as well as arsenic and molybdenum removal with different commercially-available reactive media and Site-specific groundwater.

The reliability of in-situ stabilization for the reduction of inorganic COIs depends on delivery of chemical reagents into the subsurface. The effectiveness of this treatment strategy is a function of delivering chemical reagents into target treatment areas to contact and treat inorganic COI. The presence of karst features in the subsurface can minimize the reliability of this technology by limiting the effective distribution of chemical reagents into the subsurface by reducing contact with COIs. Another consideration is the limited testing of lithium treatment using chemical reagents. Bench-scale studies will be required to evaluate the effectiveness of different chemical reagents on the removal of lithium from Site-specific groundwater.

2.2.2 Groundwater Extraction

Conventional groundwater extraction systems are generally considered reliable for maintaining hydraulic control of dissolved plumes. The extraction and injection well networks are designed and provide complete capture and containment of the dissolved plume. The reliability of these systems depends on consistent and routine operations and maintenance (O&M) activities to mitigate mechanical fouling in the pumps and plumbing and other problems that arise with a mechanical remedy. The reliability of a system installed at CREC will depend on establishing adequate hydraulic control of the dissolved phase plume in a karst aquifer. Corrosion issues with mechanical components (i.e., pumps) will need to be addressed due to the high chloride concentrations.

The reliability of phytoremediation is dependent on the ability of the tree root network to intercept groundwater flow and provide hydraulic control and/or containment. Tree wells can be designed to target the contaminated depth interval by selecting tree species that can grow roots to the desired depth. The reliability of phytoremediation is dependent on the ability of the trees to grow throughout the year. Due to the abundance of sunlight, nutrients, warmth, and moisture in Florida, the growing season is exceptional for trees and occurs throughout most of the year. After trees are established, the reliability of phytoremediation for hydraulic control of contaminated groundwater is consistent with limited O&M activities that includes routine pruning and vegetation maintenance.

2.2.3 Groundwater Treatment

Groundwater treatment of extracted groundwater is considered highly reliable, as a wide variety of options exist to treat the target constituents. Treatment depends on commercially-available options for extracted groundwater discharge. Groundwater treatment could be reliably employed

at the Site since treatment technologies exist that could target most constituents and the methods are adaptable; however, multiple technologies would likely be required to treat the COI at the Site.

2.2.4 Monitored Natural Attenuation

MNA mechanisms for the inorganic COI at CREC involve physical mechanisms including dilution, dispersion, and sorption. The inherent porous nature of limestone and prevalent karst at shallow depths in the aquifer across the Site readily promote dilution and dispersion mechanisms. The lithologic features coupled with the groundwater flow regime are predictable and reliable mechanisms that contribute to attenuation of inorganic COI at CREC. Additionally, the minimization of continued contaminant mass loading to the aquifer (control of runoff from the AS/DA) of COI will ultimately improve the reliability of an MNA remedy.

2.3 Ease of Implementation

This criterion evaluates the ease at which a technology can be implemented at the Site.

2.3.1 In-Situ Technologies

Groundwater flow barriers and PRBs face similar implementation challenges at CREC. Prior to design and implementation, extensive geological and geotechnical investigations would be required to evaluate and delineate the presence of karst features and weak zones along the axis of the barriers. Karst features identified during these investigations would require extensive grouting and/or other ground improvement techniques to prevent groundwater flow around and beneath the installed barriers. Since the Ocala Formation is only a few feet below ground surface, any barrier must be constructed by trenching through the upper portion of the weathered limestone to a desired depth; the construction difficulty of trenching through limestone is greater than that in unconsolidated sediments. The installation of low permeability barriers and PRBs will require relatively significant construction timelines, costs, and effort.

A dedicated injection well network would be required for delivery of chemical reagents into the subsurface for repeated injection events. Prior to the installation of the injection well network, geological investigations would be required to evaluate and delineate karst features to reduce the potential for amendment loss in karst conditions. The installation of dedicated injection wells would require well drilling and construction methods similar to monitoring wells that a variety of local, licensed driller contractors can perform. The installation and construction of injection wells would not be as difficult to implement and require less construction time, cost, and effort compared to trenching and installing barriers.

2.3.2 Groundwater Extraction

Groundwater extraction through use of extraction wells (vertical, horizontal, or angular) would require a significant amount of permitting, design, and pilot testing. However, the technologies are not generally difficult to implement. Conventional groundwater extraction systems and phytoremediation are similar in the implementation stages. Prior to implementation, aquifer testing and hydraulic capture simulations produced using a calibrated numerical groundwater flow model would be required to design the well network or tree planting grid and pumping flow rate (conventional groundwater extraction). During implementation, conventional groundwater extraction and phytoremediation systems require the construction and installation of wells.

Conventional groundwater extraction requires additional installation of groundwater pumps, plumbing, wiring, etc., whereas phytoremediation involves planting trees within the wells. Compared to groundwater extraction technologies, drilling larger diameter boreholes in limestone and delivering nutrient amendments to the trees in the wells within the karst environment at CREC are several additional implementation challenges for phytoremediation.

The O&M requirements for conventional groundwater extraction systems require routine cleaning and sampling, whereas the requirements for phytoremediation systems involve routine landscape maintenance activities (e.g., occasional pruning and fertilizing) and replacing any trees that die.

2.3.3 Groundwater Treatment

Groundwater treatment could be implemented at the Site. Groundwater treatment technologies would involve constructing a treatment train facility aboveground to supplement the groundwater extraction well network. Prior to implementation, additional bench-scale and/or pilot testing would be required to evaluate the effectiveness of different treatment technologies for Site-specific groundwater. During implementation, the construction activities would include installation pumps, plumbing, wiring, vessels, etc. and possibly erecting a building structure to protect the treatment train. The O&M requirements would include routine cleaning and maintenance of the treatment facility and associated vessels, pumps, etc. and sampling.

2.3.4 Monitored Natural Attenuation

Compared to the other treatment strategies, MNA would be the simplest strategy to implement. MNA would involve periodic groundwater sampling within select existing monitoring wells around the AS/DA to provide lines of evidence for the attenuation of COI over time. During the implementation of MNA, groundwater sampling results may dictate the addition of more wells to the monitoring network to support the demonstration of MNA.

2.4 Potential Safety Impacts

This criterion evaluates potential safety impacts that may result from implementation and use of a technology at the Site.

2.4.1 In-Situ Technologies

The construction phases for groundwater flow barriers and PRBs poses relatively high risks for worker safety. These risks are associated with the heavy construction equipment, such as long reach excavators and dump trucks, required to construct the barriers and to remove bulk media. The installation phase involves deep, open trenches for extended periods that create fall hazards and must be safely cordoned off. These hazards would also re-emerge during the removal and replenishment of spent reactive material on a periodic basis in PRBs. Following construction activities, there are relatively minimal worker safety considerations since the structures are below land surface.

Potential safety concerns related to in-situ chemical stabilization are minimal. The potential for incident during injection well construction or unintended worker contact with the chemicals used for treatment would be the primary safety concerns associated with the technology. The construction activities can potentially expose workers to physical hazards during injection well installation. During the injection events, there are safety concerns with exposing workers to

potentially hazardous chemical reagents; however, the consistent and proper use of personal protection equipment (PPE) during these injection events can mitigate these occurrences. The potential of storing chemical reagents on-Site long-term could pose safety risks to on-Site workers. These risks can be mitigated by designing a dedicated structure to contain the chemical reagents, storing the reagents in secondary containment vessels to prevent spills, and preparing a Site-specific Health and Safety Plan.

2.4.2 Groundwater Extraction

Groundwater extraction through use of extraction wells would involve drilling, construction, and installation of extraction wells, pumps, and associated control wiring and piping. Potential safety concerns exist with the activities associated with installation of the extraction system as well as the ongoing O&M of the system, including inspection, maintenance, or replacement of the various system components. O&M activities for conventional groundwater extraction (i.e., cleaning fouled pumps with chemical reagents or replacing pumps) could pose chemical, physical, or electrical risks for Site workers. O&M activities for phytoremediation systems is not as intensive as conventional groundwater extraction system; however, the maintenance and pruning of trees may pose physical risks for workers.

2.4.3 Groundwater Treatment

Groundwater treatment would have potential safety impacts associated with the construction, installation, and O&M of the aboveground treatment system. Groundwater treatment assumes the groundwater has been extracted, so there are potential safety concerns associated with construction of a groundwater extraction system in addition to safety concerns associated with the aboveground system infrastructure. Operational safety concerns may also exist with the components of the treatment facility and potential for unintended worker contact with the groundwater and chemical reagents. The O&M phase poses risks depending on the treatment technology. Technologies that utilize toxic or harmful concentrations of chemical reagents in the treatment train could pose chemical hazards for Site workers. Additionally, the technologies may utilize electrical equipment and aboveground pumps with exposed, rotating components that could pose a physical hazard.

2.4.4 Monitored Natural Attenuation

Safety considerations for MNA are primarily associated with worker safety should additional monitoring well installations be required. The installation of wells requires the use of hydraulic drill rigs. Additional worker safety and PPE considerations are minimal for groundwater sampling compared to installation and construction activities associated with other remedial strategies.

2.5 Potential Cross-Media Impacts

This criterion evaluates potential cross-media impacts that may result from implementation and use of the technology at the Site.

2.5.1 In-Situ Technologies

The risk for cross-media impacts is low for groundwater flow barriers and PRBs. These barriers are designed to isolate (i.e., flow barriers) or immobilize (i.e., PRBs) contaminants from migrating into uncontaminated portions of the aquifer. There is some risk that contaminated groundwater

may flow beneath or around the low permeability barriers, which could lead to the potential sorption of dissolved COI onto uncontaminated sediments.

There is a low potential for cross-media impacts through the in-situ chemical stabilization technologies. Chemical reagents can be injected into contaminated groundwater through permanent or temporary methods and mismanagement or human error during injection events could result in chemical reagent spills aboveground on soil or surface water bodies. Despite the potential for spills, the chemical reagents do not pose adverse environmental impacts for uncontaminated surficial soils. Proper management will minimize the risk of chemical spills to the environment.

2.5.2 Groundwater Extraction

The potential for cross-media impacts from groundwater extraction technologies is low and would primarily be associated with leaks or spills of untreated groundwater to uncontaminated media (soil and surface water). If used in conjunction with a groundwater treatment, untreated effluent has the potential to be discharged to uncontaminated soil and groundwater surface water bodies.

The potential for cross-media impacts through phytoremediation is low. Residual vegetation from the tress (e.g., leaf and woody material and dead trees) would need to be properly managed and disposed to reduce the risk of cross media impacts.

2.5.3 Groundwater Treatment

The potential cross-media impacts for groundwater treatment technologies are similar to those mentioned for conventional groundwater extraction methods. The primary method of cross-media impacts would occur through unintended and/or untreated discharges from the system to uncontaminated soil, groundwater, and surface water. Proper management of secondary waste streams generated from spent treatment media need to be properly managed to prevent cross-media impacts.

2.5.4 Monitored Natural Attenuation

The cross-media impact potential for MNA is low. In an MNA scenario, the potential for contaminant storage in the aquifer matrix (i.e., via sorption) would continue to exist, although by definition this contaminant mass is not migratory. There is a low potential for groundwater COI to adsorb to uncontaminated sediments during dilution and dispersion of COI through physical attenuation mechanisms.

2.6 Control of Exposure to Residual Contamination

This criterion evaluates the ability to control human and environmental exposure to residual contamination through implementation and use of technology at the Site.

2.6.1 In-Situ Technologies

In-situ technologies involve placement or injection of an object or reagent within the subsurface in order to treat impacted groundwater in-situ; therefore, the risk of exposure of humans and the environment to residual contamination is minimal. The potential for exposure would exist during

installation of the in-situ components, as well as during any maintenance or replacement of components that would be needed during the life of the remedy.

2.6.2 Groundwater Extraction

Conventional groundwater extraction systems remove contaminated groundwater from the subsurface and transport it aboveground for treatment and discharge to surface water or re-injection into different areas of the aquifer. There is limited potential for human exposure to contaminated groundwater through routine O&M activities and unintended releases.

The exposure to residual contamination from a phytoremediation strategy is very low. However, some tree species may uptake and store organic constituents in leafy or woody material. This could lead to the potential for environmental receptors (e.g., insects, birds, and/or small animals) to consume edible portions of the tree containing COI.

2.6.3 Groundwater Treatment

Groundwater treatment presumes that the impacted groundwater has been extracted and brought to the surface. Therefore, risks identified for groundwater treatment would be in addition to those described above for groundwater extraction. However, the objective of groundwater treatment is to treat the impacted groundwater to levels that meet permit limits or other remedial cleanup goals. The failure of the treatment system and discharge of untreated effluent can result in human and environmental exposure to residual contamination.

2.6.4 Monitored Natural Attenuation

An MNA remedy assumes that the dissolved groundwater plume is effectively attenuated by natural processes (physical, chemical, and/or biological). Exposure to residual contamination is possible if there are unidentified exposure pathways or the aquifer's capacity to attenuate the dissolved plume is exceeded over time.

2.7 Time Required to Begin Remedy

This criterion evaluates the time for pre-implementation activities; procurement, installation, and start-up of technology at the Site.

2.7.1 In-Situ Technologies

Groundwater flow barriers and PRBs require a relatively significant amount of construction time compared to the other evaluated strategies. The presence of karst features at CREC adds further complexity to the implementation phase, which will increase the project timeline. Prior to implementation, pre-design activities including groundwater modeling and assessment will be required for determining the groundwater flow regime. Furthermore, pre-design activities including geotechnical and geological investigations will be required to determine constructability of the low permeability barriers in karst features. Following installation, there is no additional start-up time for the technologies, since the intended effects of these passive systems are immediate.

In-situ chemical stabilization will require time to conduct bench- or pilot-scale tests to evaluate the behavior of Site-specific groundwater and different chemical reagents on COI immobilization.

The installation and construction of the permanent injection well network will require additional time during the implementation phase. The remedial phase requires time for injection and reinjection events of chemical reagents, which depends on the size of the injection well network and the amount of injectate required.

2.7.2 Groundwater Extraction

Prior to implementation, this treatment strategy will require time for groundwater modeling and assessment, permitting the injection wells, and designing injection well network. During the implementation phase, time will be required to install and construct the extraction well network. Following system construction, the system start-up time would involve testing all system components

Phytoremediation will require time to conduct groundwater modeling prior to implementation. During the implementation phase, time will be required to install and plant the tree network that may involve drilling boreholes for planting trees. After construction, time will be required for tree growth and the establishment of a root network that will intercept the contaminated groundwater. The time required to establish a functional phytoremediation system is highly variable.

2.7.3 Groundwater Treatment

The required time to begin using groundwater treatment is similar to conventional groundwater extraction with additional construction and installation requirements for building the treatment train. Additionally, prior to implementation, time would be required for conducting pilot-scale tests to evaluate the effectiveness and behavior of different treatment media with Site-specific groundwater.

2.7.4 Monitored Natural Attenuation

MNA would require the least amount of time to implement compared to the other evaluated treatment methods due to the extensive existing monitoring well network around the AS/DA. Time would be required to confirm the efficacy of MNA at the Site and develop a groundwater monitoring plan.

2.8 Time Required to Complete Remedy

The time required to complete each treatment remedy varies significantly. The treatment strategies that will take longer than 30 years include those that do not specifically address source removal. These strategies include groundwater flow barriers, PRBs, conventional groundwater extraction, phytoremediation, and MNA:

- Groundwater flow barriers and PRBs are designed to isolate and immobilize, respectively, COI with groundwater around the source area.
- Conventional groundwater extraction and phytoremediation technologies are designed to provide hydraulic containment of the contaminated groundwater with some limited COI mass removal.
- MNA relies on natural attenuation mechanisms that are reliable yet take time for concentration reduction.

The strategies that will take less than 30 years (estimated 5 to 10 years) include chemical immobilization and groundwater treatment technologies.

- The injection well network for chemical immobilization would be installed to target the source area. As chemical reagents are injected into the source area, the reagents react with COI to immobilize the constituents, reducing the concentrations in groundwater. Repeated chemical reagent injections are anticipated over time to effectively remove COI.
- Groundwater treatment technologies remove COI concentrations during groundwater extraction prior to re-injection or discharge.

2.9 State, Local, or Other Environmental Permit Requirements that May Substantially Affect Implementation

This criterion evaluates anticipation of any state or local permit requirements or other environmental or public health requirements that may substantially affect implementation of the technology at CREC.

2.9.1 In-Situ Technologies

State and local (county) permitting of the construction activities for low flow barriers or PRBs may be required but is not anticipated to substantially affect implementation time frames.

In-situ chemical stabilization technologies will require Southwest Florida Water Management District (SWFWMD) permitting for the installation of the injection well network. It will also include an Underground Injection Control (UIC) permit from the Florida Department of Environmental Protection (FDEP) for injecting chemical reagents into the subsurface. Based on similar projects, it is anticipated that permitting will take up to six months for agency review and approval.

2.9.2 Groundwater Extraction

State and local (county) permitting of the construction activities for a groundwater extraction system may be required but is not anticipated to substantially affect implementation time frames. However, SWFWMD will require permits for the installation of the extraction well network and a consumptive use. A UIC permit will be required from the FDEP for injecting treated water into the subsurface. Based on similar projects, it is anticipated that permitting will take up to six months for agency review and approval.

2.9.3 Groundwater Treatment

The groundwater treatment strategy would require FDEP review and approval of a UIC permit for the subsurface disposal of groundwater (via injection wells) at the Site. This permitting process would likely require an additional 3 to 6 months to plan, report, and receive FDEP approval but could be implemented in parallel with the other permitting requirements for groundwater extraction.

2.9.4 Monitored Natural Attenuation

MNA would require the least amount of permitting. The majority of the MNA monitoring well network exists at CREC. If additional monitoring wells are needed for delineation purposes, minimal and routine monitoring well installation permits would be required through SWFWMD and would not affect remedy implementation.

APPENDIX C
Selection of Groundwater Remedy Requirements
in 40 CFR § 257.97

APPENDIX C – SELECTION OF GROUNDWATER REMEDY REQUIREMENTS IN 40 CFR § 257.97

**CCR Assessment of Corrective Measures Report
Ash Storage/Disposal Area
Crystal River Energy Complex
15720 W. Power Line Street
Crystal River, Citrus County, Florida**

Prepared for

Duke Energy Progress, LLC

Prepared by

Geosyntec Consultants, Inc.
12802 Tampa Oaks Blvd., Suite 151
Tampa, Florida 33637

Project FR3319

June 2019

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1. INTRODUCTION

Requirements for the remedy selection process under the Coal Combustion Residual (CCR) Rule are outlined in 40 Code of Federal Regulations (CFR) § 257.97(a-e). The corrective measure remedy for the Ash Storage/Disposal Area (AS/DA) must be selected as soon as feasible following the preparation of this Assessment of Corrective Measures (ACM) Report. Prior to final remedy selection, a public meeting to discuss the ACM results with interested parties and affected stakeholders must be held at least 30 days prior to remedy selection.

40 CFR § 257.97(a) states the following:

Based on the results of the corrective measures assessment conducted under § 257.96, the owner or operator must, as soon as feasible, select a remedy that, at a minimum, meets the standards listed in paragraph (b) of this section. This requirement applies to, not in place of, any applicable standards under the Occupational Safety and Health Act. The owner or operator must prepare a semiannual report describing the progress in selecting and designing the remedy. Upon selection of a remedy, the owner or operator must prepare a final report describing the selected remedy and how it meets the standards specified in paragraph (b) of this section. The owner or operator must obtain a certification from a qualified professional engineer that the remedy selected meets the requirements of this section. The report has been completed when it is placed in the operating record as required by § 257.105(h)(12).

40 CFR § 257.97(b) states the following regarding the standards of remedy selection:

Remedies must:

- 1. Be protective of human health and the environment;*
- 2. Attain the groundwater protection standard as specified pursuant to § 257.95(h);*
- 3. Control the source(s) of releases so as to reduce or eliminate, to the maximum extent feasible, further releases of constituents in appendix IV to this part into the environment;*
- 4. Remove from the environment as much of the contaminated material that was released from the CCR unit as is feasible, taking into account factors such as avoiding inappropriate disturbance of sensitive ecosystems;*
- 5. Comply with standards for management of wastes as specified in § 257.98(d).*

Furthermore, 40 CFR § 257.97(c) states the following:

In selecting a remedy that meets the standards of paragraph (b) of this section, the owner or operator of the CCR unit shall consider the following evaluation factors:

- 1. The long- and short-term effectiveness and protectiveness of the potential remedy(s), along with the degree of certainty that the remedy will prove successful based on consideration of the following:*
 - i. Magnitude of reduction of existing risks;*

- ii. *Magnitude of residual risks in terms of likelihood of further releases due to CCR remaining following implementation of a remedy;*
 - iii. *The type and degree of long-term management required, including monitoring, operation, and maintenance;*
 - iv. *Short-term risks that might be posed to the community or the environment during implementation of such a remedy, including potential threats to human health and the environment associated with excavation, transportation, and re-disposal of contaminant;*
 - v. *Time until full protection is achieved;*
 - vi. *Potential for exposure of humans and environmental receptors to remaining wastes, considering the potential threat to human health and the environment associated with excavation, transportation, re-disposal, or containment;*
 - vii. *Long-term reliability of the engineering and institutional controls; and*
 - viii. *Potential need for replacement of the remedy.*
2. *The effectiveness of the remedy in controlling the source to reduce further releases based on consideration of the following factors:*
 - i. *The extent to which containment practices will reduce further releases; and*
 - ii. *The extent to which treatment technologies may be used.*
 3. *The ease or difficulty of implementing a potential remedy(s) based on consideration of the following types of factors:*
 - i. *Degree of difficulty associated with constructing the technology;*
 - ii. *Expected operational reliability of the technologies;*
 - iii. *Need to coordinate with and obtain necessary approvals and permits from other agencies;*
 - iv. *Availability of necessary equipment and specialists; and*
 - v. *Available capacity and location of needed treatment, storage, and disposal services.*
 4. *The degree to which community concerns are addressed by a potential remedy(s).*

40 CFR § 257.97(d) states the following for the schedule of remedial activities:

The owner or operator must specify as part of the selected remedy a schedule(s) for implementing and completing remedial activities. Such a schedule must require the completion of remedial activities within a reasonable period of time taking into consideration the factors set forth in paragraphs (d)(1) through (6) of this section. The owner or operator of the CCR unit must consider the following factors in determining the schedule of remedial activities:

1. *Extent and nature of contamination, as determined by the characterization required under § 257.95(g);*
2. *Reasonable probabilities of remedial technologies in achieving compliance with the groundwater protection standards established under § 257.95(h) and other objectives of the remedy;*
3. *Availability of treatment or disposal capacity for CCR managed during implementation of the remedy;*
4. *Potential risks to human health and the environment from exposure to contamination prior to completion of the remedy;*
5. *Resource value of the aquifer including:*
 - i. *Current and future uses;*
 - ii. *Proximity and withdrawal rate of users;*
 - iii. *Groundwater quantity and quality;*
 - iv. *The potential damage to wildlife, crops, vegetation, and physical structures caused by exposure to CCR constituents;*
 - v. *The hydrogeologic characteristic of the facility and surrounding land; and*
 - vi. *The availability of alternative water supplies; and*
6. *Other relevant factors.*

Following preparation of this ACM Report, the process of remedy selection will begin in order to select an effective remedy that meets the requirements of § 257.97(b) and considers the factors of § 257.97(c). Paragraph (a) of § 257.97 requires that a semi-annual report be prepared to document progress toward remedy selection and design. Once a remedy is selected, a final remedy selection report must be prepared to document details of the selected remedy and how the selected remedy meets § 257.97(b) requirements. The final selected remedy report must also be certified by a professional engineer and placed in the operating record.

The final remedy selection report will include an evaluation of the requirements of § 257.97(b) and the considerations of § 257.97(c). The following sections further describe the aspects of each selection requirement and consideration.

1.1 Protection of Human Health and the Environment

This criterion will include the effectiveness of a technology in protecting human health and the environment. While Site assessment results indicate there are no imminent hazards to human health or the environment, corrective action is necessary due to exceedances in regulatory groundwater protection standards (GWPS). Additionally, the remedial alternative assessment will evaluate the future protection of human health and the environment.

Technologies and remedial alternatives will be assessed to determine the short- and long-term protection of human health and the environment, including mitigation of risks from constituents

of interest (COI) by eliminating, reducing, or controlling exposures to concentrations consistent with remedial goals. The protection of human health and the environment draws on the assessments of other evaluation criteria including long-term effectiveness and permanence, short-term effectiveness, and compliance with applicable regulations.

1.2 Attainment of GWPS

This criterion includes the capability of the remedial strategy to meet GWPS for Appendix IV COI above statistically significant levels (arsenic, lithium, and molybdenum) in a reasonable period of time at the CCR unit waste boundary. The criterion objective supports the corrective measure goal for restoring the impacted area to previous conditions.

1.3 Attainment of Source Control

This criterion includes the capability of the remedial strategy to provide source control within a reasonable period of time at the CCR unit. The criterion objective supports the corrective measure goal of preventing future releases from the AS/DA to the extent feasible.

1.4 Removal of Contaminated Material

This criterion includes the capability of the remedial strategy to remove as much of the contaminated material released from the CCR unit as technically feasible, while accounting for Site-specific conditions (e.g., avoiding inappropriate disturbance of sensitive wetlands).

1.5 Compliance with Waste Management Standards – 40 CFR § 257.98(D)

This criterion includes the capability of the remedial strategy to comply with standards for waste management specified in 40 CFR § 257.98(d).

1.6 Reduction of Existing Risks

This consideration includes evaluating the magnitude of existing risk reduction achieved by implementing the remedial strategy at the Site.

1.7 Magnitude of Remaining Residual Risks

This consideration evaluates the magnitude of the remaining residual risks in terms of the potential for future CCR releases following the implementation of the remedial strategy at the Site.

1.8 Long-Term Management

This consideration includes the long-term management requirements for monitoring, operating, and maintaining the remedial technology implemented at the Site.

1.9 Short-Term Implementation Risks

This consideration evaluates the implications of short-term risks to human health or the environment during implementation of the remedial strategy, such as the potential risks posed by trenching, transportation, or disposal of the contaminant.

1.10 Timeframe Until Full Protection

This consideration includes the amount of time anticipated to achieve the full protection of the contaminated media through implementation of the remedial strategy at the Site.

1.11 Potential Exposure of Receptors to Remaining Wastes

This consideration includes the potential receptors that could be exposed to remaining wastes through excavation, transportation, re-disposal, or containment of CCR material.

1.12 Long-Term Reliability

This consideration includes the long-term reliability of the engineering and institutional controls for the remedial strategy implemented at the Site.

1.13 Potential for Remedy Replacement

This consideration includes the potential for technology replacement over time.

1.14 Reduction of Further Releases

This consideration includes the capability of the technology to mitigate further CCR releases.

1.15 Extent of Treatment Technology Use

This consideration includes the capability of the technology to reduce further releases based on the extent of which treatment technologies are utilized.

1.16 Constructability

This consideration includes the ease of implementation for the remedial technology and accounts for the technical difficulties and unknown variables that could affect the construction phase.

1.17 Expected Operational Reliability

This consideration includes the ease of operation for the remedial technology and accounts for the difficulties and unknowns that could affect the operation of the technology.

1.18 Regulatory Permitting and Approvals

This consideration includes the ease and time associated with coordinating and obtaining necessary approvals and/or permits from regulatory agencies.

1.19 Equipment and Specialists Availability

This consideration includes the ease of obtaining remedial technology for the Site including the availability of equipment and/or specialists to implement the remedial strategy.

1.20 Availability and Location of Treatment, Storage, and Disposal Services

This consideration includes the availability of adequate treatment, storage capacity, and disposal capacity and services. Additionally, the necessary provisions for additional resources are also evaluated.

1.21 Addressment of Community Concerns

This consideration includes the extent that the remedial strategy addresses the community concerns. This assessment includes an evaluation of the opposition and support from stakeholders regarding the intended remedial strategy and may not be fully realized until comments from the public meeting on the proposed strategy are reviewed. General assumptions regarding stakeholder involvement and comments can be made based on previous experience at similar sites.

37

DEF's response to Staff's
Fourth Set of Interrogatories
Nos. 13-18.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 37
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Kimberly McDaniel (13)Jeffery
Swartz (14, 18)Christopher Menendez (15-17)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 20190007-EI

Dated: September 18, 2019

**DUKE ENERGY FLORIDA, LLC'S RESPONSE TO
STAFF'S FOURTH SET OF INTERROGATORIES (NOS. 13-18)**

Duke Energy Florida, LLC ("DEF"), responds to Staff's Fourth Set of Interrogatories to DEF (Nos. 13-18), as follows:

INTERROGATORIES

13. Please refer to DEF witness Kimberly Spence McDaniel's direct testimony, filed July 26, 2019, page 2, line 23, through page 3, line 3. Please explain in detail the reason for the remediation costs shifting from 2018 to 2019.

Answer:

Consistent with DEF Witness McDaniel's 2018 Final True-Up testimony filed on March 29, 2019 and 2019 Actual/Estimated Testimony filed on July 26, 2019, remediation work at the East Clearwater substation was not completed in 2018 as previously projected and was rescheduled to 2019. This was due to additional repair work that was needed on Bank #1, which required an outage to complete. Remediation work resumed when repair was completed. Holder repairs were completed in December 2018, which was necessary before remediation activities could resume. Holder's remediation resumed in February 2019; initially DEF expected this work to be completed in 2018. This change in timing for remediation costs was reflected in DEF's 2018 Final True-Up Filing, on March 29, 2019, as well as DEF Witness McDaniel's testimony filed on July 26, 2019.

14. Please refer to DEF witness Christopher A. Menendez's direct testimony, filed July 26, 2019, Exhibit CAM-3, Form 42-4E. For the CAIR/CAMR Crystal River – A&G project at line 7.4, please explain in detail the reason for the operation and maintenance (O&M) cost variance of -\$37,111, or 30 percent lower than projected.

Answer:

The favorable O&M variance of approximately \$37k is primarily driven by lower A&G labor expense incurred for January through June 2019. In DEF's July to December 2019 forecast, DEF utilized the lower January to June actuals to estimate the July to December labor projection. The combination of actual labor plus the forecasted labor based on January to June actuals represent the variance.

15. Please refer to witness Menendez's direct testimony, filed July 26, 2019, Exhibit CAM-3, Form 42-8E, page 13, line 9. The recoverable costs for Project 15.1 were allocated to Energy; however, no energy jurisdictional factor was provided. Please specify if the costs for Project 15.1 should be allocated to Demand, or, please identify the appropriate energy jurisdictional factor(s).

Answer:

Per Order No. PSC-13-0606-FOF-EI, capital costs for the ELG project shall be allocated on a demand basis. The schedule on page 13 subtotals the recoverable charges on the line that shows "Recoverable Costs Allocated to Energy" instead of the line which shows demand. However, the costs are correctly being allocated to Demand, as per the Order and the Total Jurisdictional Recoverable Costs are correct. This does not affect any costs as filed.

16. Please refer to witness Menendez's direct testimony, filed July 26, 2019, Exhibit CAM-3, Form 42-8E, page 16, line 7.
- a. Please explain in detail how the Debt Component was calculated for January – June 2019.
- b. Please explain in detail how the Equity Component Grossed Up For Taxes was calculated for January – June 2019.

Answer:

- a. The Debt Component for January to June 2019 used to calculate capital projects is detailed on Form 42-9E, Page 27 submitted with the filing. Cost Rates for the various classes of capital are calculated based on the May 2018 DEF Surveillance Report, and a Weighted Cost Rate is developed by taking the ratio of each class to the total and multiplying it by the cost rate. For Form 42-8E, page 16, line 7.a there was a small rounding difference in both the Debt and Equity WACC used for January - June 2019. Overall, the combined debt and equity differences result in a de minimus \$2 variance in the capital revenue requirement, as reported on line 14. DEF will correct the rounding difference in the 2019 Final True-Up Filing to be filed in Docket 20200007-EI.
- b. The Equity Component, which is grossed up for taxes, is also detailed on Form 42-9E, Page 27. As with the debt component, Cost Rates for the various classes of capital are calculated based on the May 2018 DEF Surveillance Report, and a Weighted Cost Rate is developed by taking the ratio of each class to the total and multiplying it by the cost rate. This is then grossed up for taxes by using the formula $(\text{Weighted Cost Rate}) / (1 - \text{Effective Tax Rate})$. For this filing, the Common Equity 'Pre-Tax Weighted Cost Rate' calculation for January to June 2019 is equal to $(4.296) / (1 - .25345)$, or 5.75%. For Form 42-8E, page 16, line 7.b there was a small rounding difference in both the Debt

and Equity WACC used for January - June 2019. Overall, the combined debt and equity differences result in a de minimus \$2 variance in the capital revenue requirement, as reported on line 14. DEF will correct the rounding difference in the 2019 Final True-Up Filing to be filed in Docket 20200007-EI.

For both Debt and Equity, the monthly totals are derived by taking the Average Net Investment, as shown on Line 6, and multiplying it by 1/12 the Debt or Equity rate.

17. Please refer to witness Menendez's direct testimony, filed July 26, 2019, Exhibit CAM-3, Form 42-8E, page 17, line 7.
- a. Please explain in detail how the Debt Component was calculated for January – June 2019.
 - b. Please explain in detail how the Equity Component Grossed Up For Taxes was calculated for January – June 2019.

Answer:

- a. The Debt Component for January to June 2019 used to calculate capital projects is detailed on Form 42-9E, Page 27 submitted with the filing. Cost Rates for the various classes of capital are calculated based on the May 2018 DEF Surveillance Report, and a Weighted Cost Rate is developed by taking the ratio of each class to the total and multiplying it by the cost rate. For Form 42-8E, page 17, line 7.a there was a small rounding difference in both the Debt and Equity WACC used for January - June 2019. Overall, the combined debt and equity differences result in no variance in the capital revenue requirement, as reported on line 14. DEF will correct the rounding difference in the 2019 Final True-Up Filing to be filed in Docket 20200007-EI.
- b. The Equity Component, which is grossed up for taxes, is also detailed on Form 42-9E, Page 27. As with the debt component, Cost Rates for the various classes of capital are calculated based on the May 2018 DEF Surveillance Report, and a Weighted Cost Rate is developed by taking the ratio of each class to the total and multiplying it by the cost rate. This is then grossed up for taxes by using the formula $(\text{Weighted Cost Rate}) / (1 - \text{Effective Tax Rate})$. For this filing, the Common Equity 'Pre-Tax Weighted Cost Rate' calculation for January to June 2019 is equal to $(4.296) / (1 - .25345)$, or 5.75%. For Form 42-8E, page 17, line 7.b there was a small rounding difference in both the Debt and Equity WACC used for January - June 2019. Overall, the combined debt and equity differences result in no variance in the capital revenue requirement, as reported on line 14. DEF will correct the rounding difference in the 2019 Final True-Up Filing to be filed in Docket 20200007-EI.

For both Debt and Equity, the monthly totals are derived by taking the Average net Investment, as shown on Line 6, and multiplying it by 1/12 the Debt or Equity percent.

18. Please refer to DEF witness Jeffrey Swartz's July 26, 2019 direct testimony, filed July 26, 2019, page 4, lines 16-19. Witness Swartz testified that the "capital expenditures for the Mercury & Air Toxics Standards (MATS) – Crystal 16 River 1&2 Program are expected to be \$14,848 or 25% lower than originally projected." Please identify whether the stated expenditures are capital expenditures or O&M expenditures.

Answer:

The stated expenditures are O&M. The Question portion of the cited Q&A refers to these costs as O&M, however the response incorrectly refers to these expenditures as Capital. The witness response should have stated "O&M expenditures for the Mercury & Air Toxics Standards (MATS) – Crystal River 1&2 Program are expected to be \$14,848 or 25% lower than originally projected." The values and all other statements made in the response are correct.

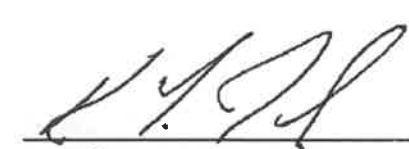
AFFIDAVIT

STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 18 day of September, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared **KIM SPENCE McDANIEL**, who is personally known to me, and she acknowledged before me that she provided the answer to interrogatory number 13 from STAFF'S FOURTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 13-18) in Docket No. 20190007-EI, and that the response is true and correct based on her personal knowledge.

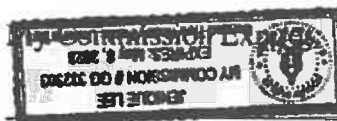
In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 18 day of September, 2019.



Kim Spence McDaniel



Notary Public
State of Florida, at Large



AFFIDAVIT

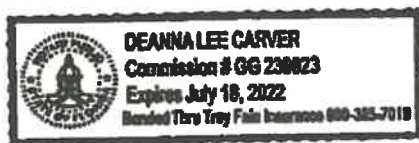
STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 13th day of September, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared **JEFFREY SWARTZ**, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 14 and 18 from STAFF'S FOURTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 13-18) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County

aforesaid as of this 13th day of September, 2019.



Jeffrey Swartz
Jeffrey Swartz
Deanna Lee Carver
Notary Public
State of Florida, at Large

My Commission Expires:

July 18, 2022

AFFIDAVIT


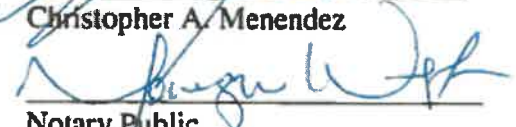
STATE OF FLORIDA

COUNTY OF PINELLAS

I hereby certify that on this 12th day of September, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared **CHRISTOPHER A. MENENDEZ**, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 15, 16, and 17 from STAFF'S FOURTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 13-18) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 12th day of September, 2019.




Christopher A. Menendez

Notary Public
State of Florida, at Large

My Commission Expires:

6/28/23

DEF's response to Staff's Fifth
Set of Interrogatories Nos. 19-
21.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 38
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Tim Hill (19)Christopher
Menendez (20-21)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 20190007-EI

Dated: October 17, 2019

**DUKE ENERGY FLORIDA, LLC's RESPONSE TO
STAFF'S FIFTH SET OF INTERROGATORIES (NOS. 19-21)**

Duke Energy Florida, LLC ("DEF"), responds to Staff's Fifth Set of Interrogatories to DEF (Nos. 19-21), as follows:

INTERROGATORIES

19. Please refer to witness Timothy Hill's direct testimony, filed August 30, 2019, page 3, lines 1-7. Please identify whether any of the costs associated with the Crystal River Coal Combustion Residual Ash Landfill are being recovered through some other cost recovery mechanism or through base rates.

Answer:

No, the costs associated with the Crystal River Coal Combustion Residual Ash Landfill are not being recovered through base rates or any other cost recovery mechanism.

20. Please identify what the 2020 ECRC residential bill impact is for 1,000 KWh, and for 1,200 KWh.

Answer:

The projected ECRC Residential bill impact for 2020, as filed August 30, 2019 in the instant docket, is \$0.79 for a 1,000-kWh residential bill, and \$0.95 for a 1,200-kWh residential bill.

21. Please identify what the 2020 ECRC percentage of the total residential monthly bill is for 1,000 KWh, and for 1,200 KWh.

Answer:

The projected 2020 ECRC percentage of the total residential monthly bill, including gross receipts tax, as filed August 30, 2019 in the instant docket, is 0.64% for a 1,000-kWh residential bill, and 0.62% for a 1,200-kWh residential bill.

AFFIDAVIT

STATE OF NORTH CAROLINA

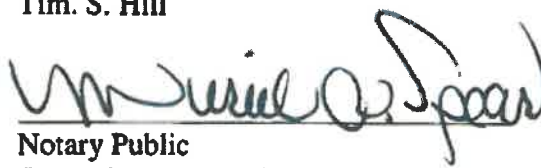
COUNTY OF MECKLENBURG

I hereby certify that on this 7th day of October, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared TIM S. HILL, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory number 19 from STAFF'S FIFTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 19-21) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 7th day of October, 2019.



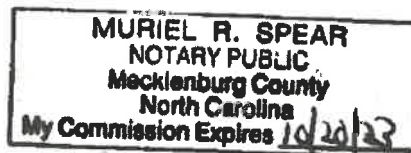
Tim. S. Hill



Notary Public
State of North Carolina

My Commission Expires:

October 20, 2023



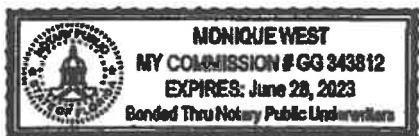
AFFIDAVIT

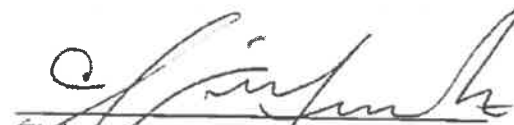
STATE OF FLORIDA


COUNTY OF PINELLAS

I hereby certify that on this 8th day of October, 2019, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared CHRISTOPHER A. MENENDEZ, who is personally known to me, and he acknowledged before me that he provided the answers to interrogatory numbers 20 and 21 from STAFF'S FIFTH SET OF INTERROGATORIES TO DUKE ENERGY FLORIDA, LLC (NOS. 19-21) in Docket No. 20190007-EI, and that the responses are true and correct based on his personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 8th day of October, 2019.




Christopher A. Menendez


Notary Public
State of Florida, at Large

My Commission Expires:

July 28, 2023

DEF's response to Staff's
Second Request for Production
of Documents Nos. 2-3.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 39
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: DEF's response to Staff's
Second Request for Production of Documents
Nos. 2-3.[Bates Nos. 00169-0021...

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 20190007-EI

Dated: October 17, 2019

**DUKE ENERGY FLORIDA, LLC's RESPONSE TO
STAFF'S SECOND REQUEST FOR PRODUCTION OF DOCUMENTS (NOS. 2-3)**

Duke Energy Florida, LLC ("DEF"), responds to Staff's Second Request for Production of Documents (Nos. 2-3), as follows:

REQUESTS

2. Please refer to witness Christopher A. Menendez's direct testimony, filed August 30, 2019, Exhibit CAM-5. Please provide a revised version of Exhibit CAM-5 that does not include Crystal River Coal Combustion Residual (CCR) Ash Landfill project associated expenses.

Response:

The costs associated with the CCR Ash Landfill project have been removed from the Revised CAM-5 Exhibit. For purposes of this POD, the original 2020 forecast on 'Form 42 4P p17', line 1.a has been changed from \$42,000 to zero, and the narrative of Project Projections on 'Form 42 5P p23' has been revised to show the same 2020 projection of zero. This change causes no impact to rates, the Environmental Cost Recovery Factors on 'Form 7P' remain unchanged from the original 2020 Projection filed on August 30, 2019 in this Docket.

Please see the attached documents bearing bates numbers DEF-20190007-000081 through DEF-20190007-000127.

3. Please refer to DEF's letter related to the Crystal River CCR Ash Landfill project filed on July 3, 2019. Please provide a copy of section 40 C.F.R. Parts 257 & 261 of the Federal CCR Rule.

Response:

The most up-to-date versions of the rule are attached. These are available online from the Electronic Code of Federal Regulations (e-CFR). The e-CFR is a web version of the Code of Federal Regulations (CFR) that is maintained by the National Archives and Records Administration's Office of the Federal Register (OFR) and the Government Publishing Office (GPO).

The link to 40 CFR 257 is pasted below.

<https://www.ecfr.gov/cgi-bin/text-idx?SID=5f45a4b8a1cae28e6115b4e3f3e5f5e5&mc=true&node=pt40.27.257&rgn=div5>

The link to 40 CFR 261 is pasted below.

<https://www.ecfr.gov/cgi-bin/text-idx?SID=5f45a4b8a1cae28e6115b4e3f3e5f5e5&mc=true&node=pt40.28.261&rgn=div5>

Docket No. 20190007-EI

Duke Energy Florida, LLC

Witness: C. A. Menendez

REVISED CAM-5 - POD 2 Response

DEF's Response to Staff's 2nd PODs

Page 1 of 47

**DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Commission Forms 42-1P Through 42-8P**

**January 2020 - December 2020
Calculation of Projected Period Amount**

Docket No. 20190007-EI

DEF-20190007-000081

20190007-EI Staff Hearing Exhibits 00172

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projection Amount
January 2020 - December 2020

Form 42-1P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED CAM-5 - POD 2 Response
DEF's Response to Staff's 2nd PODs
Page 2 of 47

Line	Energy (\$)	Transmission Demand (\$)	Distribution Demand (\$)	Production Demand (\$)	Total (\$)
1 Total Jurisdictional Rev Req for the Projected Period					
a Projected O&M Activities (Form 42-2P, Lines 7 through 9)	\$22,181,818	\$17,544	\$300	\$1,289,814	\$23,489,476
b Projected Capital Projects (Form 42-3P, Lines 7 through 9)	22,768,609	0	1,057	2,994,117	25,763,783
c Total Jurisdictional Rev Req for the Projected Period (Lines 1a + 1b)	44,950,427	17,544	1,357	4,283,931	49,253,259
2 True-up for Estimated Over/(Under) Recovery for the Current Period January 2019 - December 2019 (Form 42-2E, Line 5 + 6 + 10)	15,805,352	(111,566)	34,850	937,370	16,666,006
3 Final True-up for the Period January 2018 - December 2018 (Form 42-1A, Line 3)	2,164,200	(99,190)	(170,850)	94,782	1,988,942
4 Total Jurisdictional Amount to Be Recovered/(Refunded) in the Projection Period January 2020 - December 2020 (Line 1 - Line 2 - Line 3)	26,980,875	228,300	137,357	3,251,779	30,598,310
5 Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier of 1.00072)	\$27,000,301	\$228,464	\$137,456	\$3,254,120	\$30,620,341

DEF-20190007-000082

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projection Amount
January 2020 - December 2020

Form 42-2P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. McLaughlin

REVERSED CAM-0 - POC 1 Response
DEPT's Response to Staff's 2nd FICOR
Page 3 of 47

O&M Activities (In Dollars)														End of Period Total	
Line	Description	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20		
1	O&M Activities - System														
1	Transmission Substation Environmental Investigation, Remediation and Pollution Prevention	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$2,083	\$24,996	
1a	Distribution Substation Environmental Investigation, Remediation and Pollution Prevention	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Distribution System Environmental Investigation, Remediation and Pollution Prevention	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intm	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	Above Ground Tank Secondary Containment - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	SO ₂ /NO _x Emissions Allowances - Energy	1,694	1,072	899	1,243	1,447	1,691	1,736	1,534	1,557	811	457	14,722		
6	Phase II Cooling Water Intake 316(b) - Base	0	25,200	0	25,200	0	12,200	0	5,200	0	200	0	200	68,200	
6a	Phase II Cooling Water Intake 316(b) - Intm	0	25,100	0	25,100	0	12,100	0	5,100	0	100	0	100	67,600	
7.2	CAIR/CAMR - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.4	CAIR/CAMR Crystal River - Base	1,150,118	1,450,148	1,159,358	966,883	1,154,156	1,154,421	1,330,822	1,098,701	1,098,717	1,098,733	1,048,750	1,267,594	13,978,392	
7.4	CAIR/CAMR Crystal River - Energy	427,278	272,590	448,060	228,418	522,230	637,732	776,510	904,749	705,633	489,512	223,311	33,586	5,669,808	
7.4	CAIR/CAMR Crystal River - A&G	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	96,325	
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	150,000	150,000	150,000	150,000	300,000	300,000	300,000	300,000	275,000	275,000	275,000	275,000	2,900,000	
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Arsenic Groundwater Standard - Base	25,000	25,000	62,500	0	37,500	502,500	37,500	0	37,500	0	0	540,000	1,267,500	
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	75	75	50	50	50	0	0	300	
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Mercury Total Daily Maximum Leads Monitoring - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
15.1	Effluent Limitation Guidelines Program CRM - Energy	0	0	10,000	0	0	10,000	0	0	10,000	0	0	10,000	40,000	
16	National Pollutant Discharge Elimination System (NPDES) - Energy	0	0	0	5,500	0	5,100	0	9,900	0	5,500	0	0	25,000	
17	Mercury & Air Toxics Standards (MATS) CW & CR2 - Energy	48,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	598,000	
17.1	Mercury & Air Toxics Standards (MATS) Amole Gas Conversion - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
17.2	Mercury & Air Toxics Standards (MATS) CR1 & CR2 - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	Coal Combustion Residual (CCR) Rule - Energy	49,200	36,700	11,700	11,700	17,700	17,200	11,700	16,700	16,700	16,700	17,700	17,200	240,900	
2	Total O&M Activities - Recoverable Costs	\$1,861,431	\$2,045,962	\$1,802,669	\$1,473,554	\$2,092,981	\$2,712,927	\$2,518,451	\$2,401,677	\$2,205,285	\$1,947,503	\$1,625,724	\$2,204,279	\$24,992,444	
3	Recoverable Costs Allocated to Energy	676,161	510,362	670,059	446,220	891,174	1,021,480	1,139,902	1,282,474	1,058,866	838,268	566,822	346,243	9,488,631	
4	Recoverable Costs Allocated to Demand - Transm	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	2,083	24,996	
	Recoverable Costs Allocated to Demand - Distrib	0	0	0	0	0	75	75	50	50	50	0	0	300	
	Recoverable Costs Allocated to Demand - Prod-Base	1,175,118	1,500,348	1,221,858	992,083	1,191,656	1,669,121	1,368,322	1,103,901	1,136,217	1,098,933	1,048,750	1,807,784	15,334,692	
	Recoverable Costs Allocated to Demand - Prod-Intm	0	25,100	0	25,100	0	12,100	0	5,100	0	100	0	100	67,600	
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Recoverable Costs Allocated to Demand - A&G	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	8,069	96,325	
5	Retail Energy Jurisdictional Factor	0.94029	0.94967	0.95074	0.95495	0.95138	0.95666	0.95670	0.96254	0.96658	0.96993	0.97920	0.97031		
6	Retail Transmission Demand Jurisdictional Factor	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203		
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561		
	Retail Production Demand Jurisdictional Factor - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885		
	Retail Production Demand Jurisdictional Factor - Intm	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703		
	Retail Production Demand Jurisdictional Factor - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924		
	Retail Production Demand Jurisdictional Factor - A&G	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221		
7	Jurisdictional Energy Recoverable Costs (A)	635,787	484,676	644,329	426,117	847,849	977,208	1,090,548	1,234,557	1,023,792	813,057	555,081	374,776	9,107,727	
8	Jurisdictional Demand Recoverable Costs - Transm (S)	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	1,462	17,544	
	Jurisdictional Demand Recoverable Costs - Distrib (B)	0	0	0	0	0	75	75	50	50	50	0	0	300	
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,091,508	1,393,599	1,134,923	921,496	1,105,870	1,550,363	1,270,966	1,025,358	1,055,375	1,020,744	974,132	1,679,160	14,224,494	
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	0	18,248	0	18,248	0	8,797	0	3,708	0	73	0	73	49,147	
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Jurisdictional Demand Recoverable Costs - A&G (B)	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	7,522	90,264	
9	Total Jurisdictional Recoverable Costs - O&M Activities (Lines 7 + 8)	\$1,786,279	\$1,905,507	\$1,788,236	\$1,374,845	\$1,963,703	\$2,545,427	\$2,370,573	\$2,272,657	\$2,089,201	\$1,842,908	\$1,538,147	\$2,062,893	\$23,489,476	

Notes

- [A] Line 3 x Line 5
[B] Line 4 x Line 6

DEF-20190007-000083

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projection Amount
January 2020 - December 2020

Form 42-3P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Hernandez
18/05/20 CHM-S - R02-2 Response
DEP's Response to Staff's 2nd R004
Page 6 of 67

Capital Investment Projects-Recoverable Costs

(In Dollars)

Line	Description	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investment Projects - System (A)													
3.1	Pipeline Integrity Management - Barlowe/Andole Pipeline - Intn	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.1	Above Ground Tank Secondary Containment - Peaking	71,251	71,068	70,888	70,705	70,527	70,349	85,050	85,765	85,477	85,190	84,905	84,618	936,790
4.2	Above Ground Tank Secondary Containment - Base	18,531	18,511	18,492	18,472	18,452	18,432	18,413	18,393	18,375	18,355	18,335	18,315	221,077
4.3	Above Ground Tank Secondary Containment - Intn	2,050	2,046	2,043	2,040	2,037	2,033	2,030	2,026	2,023	2,019	2,017	2,013	24,377
5	SO ₂ /NO _x Emissions Allowances - Energy	20,775	20,765	20,759	20,754	20,748	20,740	20,729	20,718	20,708	20,698	20,690	20,685	248,770
6	Phase II Cooling Water Intake 310(b) - Base	38,192	41,799	44,890	47,143	48,440	48,906	49,204	50,684	63,121	64,051	74,507	82,461	653,808
7.1	CAIR/CAMR Andole - Intn	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	13,242	13,222	13,201	13,178	13,157	13,136	49,853	49,595	49,337	49,079	48,820	48,564	374,744
7.3	CAMR Crystal River - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River APUDC - Base	570,453	669,745	688,035	698,325	667,617	666,207	666,197	665,489	664,780	664,070	663,359	662,651	7,998,628
7.4	CAIR/CAMR Crystal River APUDC - Energy	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	76,571
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Sea Turtle - Coastal Street Lighting - Distrib	89	89	88	87	87	87	87	89	89	90	90	90	1,062
10.1	Underground Storage Tanks - Base	1,186	1,184	1,182	1,180	1,179	1,176	1,175	1,172	1,171	1,168	1,167	1,166	14,106
10.2	Underground Storage Tanks - Intn	552	551	549	548	547	545	544	543	542	541	540	538	6,540
11.1	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (Post 2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines CRN (ELG) - Base	18,930	19,050	19,150	19,250	19,350	19,450	19,550	19,650	19,750	19,850	19,950	20,050	229,869
16	National Pollutant Discharge Elimination System (NPDES) - Intn	115,180	114,549	114,720	114,489	114,259	114,029	113,799	113,569	113,339	113,108	112,879	112,648	1,366,968
17	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	25,058	25,015	24,972	24,930	24,887	24,845	24,803	24,760	24,717	24,675	24,633	24,591	333,890
17.1	Mercury & Air Toxic Standards (MATS) Andole Gas Conversion - Energy	1,072,712	1,073,169	1,069,605	1,069,042	1,066,479	1,064,914	1,063,351	1,061,788	1,060,224	1,058,661	1,057,097	1,055,533	12,769,589
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	183,867	183,416	182,965	182,514	182,064	181,612	181,161	180,710	180,259	179,808	179,357	178,906	2,176,544
18	Coal Combustion Residual (CCR) Rule - Base	3,613	3,607	3,602	3,598	3,593	3,587	3,582	3,577	3,571	3,566	3,561	3,556	43,013
2	Total Investment Projects - Recoverable Costs	\$2,265,102	\$2,265,477	\$2,265,522	\$2,264,636	\$2,262,739	\$2,260,292	\$2,330,087	\$2,307,457	\$2,316,283	\$2,313,600	\$2,320,449	\$2,374,800	\$27,476,546
3	Recoverable Costs Allocated to Energy	1,311,813	1,309,746	1,307,682	1,305,621	1,303,559	1,301,492	1,299,425	1,297,357	1,295,289	1,293,223	1,291,158	1,289,097	15,605,464
	Recoverable Costs Allocated to Distribution Demand	89	89	88	87	87	87	87	89	89	90	90	90	1,062
4	Recoverable Costs Allocated to Demand - Production - Base	750,925	753,806	756,351	757,608	758,566	758,264	758,299	758,513	770,187	770,310	780,040	787,232	9,340,501
	Recoverable Costs Allocated to Demand - Production - Intermediate	117,782	117,546	117,312	117,077	116,843	116,607	116,373	116,138	115,904	115,668	115,436	115,199	1,397,885
	Recoverable Costs Allocated to Demand - Production - Peaking	84,493	84,790	84,089	83,883	83,684	83,482	135,903	135,360	134,814	134,269	133,725	133,182	1,311,534
5	Retail Energy Jurisdictional Factor	0.94029	0.94967	0.96074	0.95495	0.95138	0.95665	0.95670	0.96264	0.96682	0.96993	0.97920	0.97031	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
6	Retail Demand Jurisdictional Factor - Production - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Demand Jurisdictional Factor - Production - Intermediate	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Demand Jurisdictional Factor - Production - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
7	Jurisdictional Energy Recoverable Costs (B)	1,233,484	1,243,829	1,256,342	1,266,802	1,240,185	1,245,085	1,243,164	1,248,884	1,252,383	1,254,330	1,264,299	1,250,826	14,979,614
	Jurisdictional Demand Recoverable Costs - Distribution (B)	89	89	88	87	87	87	87	89	89	90	90	90	1,057
8	Jurisdictional Demand Recoverable Costs - Production - Base (C)	697,497	700,173	702,537	704,039	704,594	704,314	704,346	704,543	715,388	715,540	726,540	731,220	8,508,731
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	85,681	85,459	85,289	85,118	84,948	84,777	84,607	84,436	84,266	84,094	83,923	83,753	1,016,304
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	81,049	80,854	80,662	80,464	80,273	80,075	130,364	129,843	129,319	128,796	128,274	127,754	1,238,076
9	Total Jurisdictional Recoverable Costs - Investment Projects (Lines 7 + 8)	\$2,097,750	\$2,110,404	\$2,121,917	\$2,116,509	\$2,110,088	\$2,114,687	\$2,162,567	\$2,167,796	\$2,181,445	\$2,182,849	\$2,201,129	\$2,193,643	\$25,763,783

Notes:
(A) Each project's Total System Recoverable Expenses on Form 42-AP, Line 9; Form 42-AP, Line 5 for Projects 5 - Emission Allowances and Project 7.4 - Reagents.
(B) Line 3 x Line 6
(C) Line 4 x Line 6

DEF-20190007-000084

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Peaking (Project 4.1)

(In Dollars)

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Mendenhall
REINVO CAMS - POD 3 Response
DEP's Response to Staff's 2nd POD
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Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements (G)	0	0	0	0	0	0	573,906	0	0	0	0	0	0	0
	d. Other (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-In-Service/Depreciation Base	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298
3	Less: Accumulated Depreciation	(\$3,747,487)	(\$3,775,556)	(\$3,803,625)	(\$3,831,694)	(\$3,859,763)	(\$3,887,832)	(\$3,341,996)	(\$3,594,402)	(\$3,619,978)	(\$3,645,554)	(\$3,671,130)	(\$3,696,706)	(\$3,722,282)	(\$3,722,282)
3a	Regulatory Asset Balance (G)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$207,928	\$189,027	\$170,125	\$151,223	\$132,321	\$113,419	\$0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$5,487,717	\$5,459,648	\$5,431,579	\$5,403,510	\$5,375,441	\$5,347,372	\$5,319,303	\$5,274,825	\$5,230,347	\$5,185,369	\$5,141,391	\$5,096,913	\$5,052,435	\$5,052,435
6			\$5,473,682	\$5,445,613	\$5,417,544	\$5,389,475	\$5,361,406	\$5,333,337	\$5,297,064	\$5,252,586	\$5,208,108	\$5,163,630	\$5,119,152	\$5,074,674	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	8,992	8,945	8,899	8,853	8,807	8,761	8,700	8,628	8,554	8,481	8,409	8,335	104,364
	b. Equity Component Grossed Up For Taxes	5.77%	26,514	26,178	26,044	25,907	25,775	25,640	25,463	25,250	25,036	24,822	24,608	24,396	305,434
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		28,069	28,069	28,069	28,069	28,069	28,069	25,576	25,576	25,576	25,576	25,576	25,576	321,870
	b. Amortization (G)		0	0	0	0	0	0	18,902	18,902	18,902	18,902	18,902	18,902	113,412
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		7,876	7,876	7,876	7,876	7,876	7,876	7,409	7,409	7,409	7,409	7,409	7,409	91,710
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$71,251	\$71,068	\$70,888	\$70,705	\$70,527	\$70,346	\$86,050	\$85,765	\$85,477	\$85,190	\$84,905	\$84,618	\$936,790
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$71,251	\$71,068	\$70,888	\$70,705	\$70,527	\$70,346	\$86,050	\$85,765	\$85,477	\$85,190	\$84,905	\$84,618	\$936,790
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		\$68,347	\$68,171	\$67,999	\$67,823	\$67,652	\$67,479	\$82,543	\$82,269	\$81,993	\$81,718	\$81,444	\$81,169	\$898,606
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$68,347	\$68,171	\$67,999	\$67,823	\$67,652	\$67,479	\$82,543	\$82,269	\$81,993	\$81,718	\$81,444	\$81,169	\$898,606

Notes:

(A) N/A

(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.

(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FCF-EI.

(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.

(E) Line 9a x Line 10

(F) Line 9b x Line 11

(G) Projects 4.1d and 4.1i to be amortized over one year in accordance with petition filed 8/30/2019 in Docket 20190007-EI

DEF-20190007-000085

DUKE ENERGY FLORIDA, L.L.C.
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Docket No. 20190007-EL
Duke Energy Florida, L.L.C.
Witness: C. A. Mendenhall
TA-00000000-0000-0000-0000-0000
DEF's Response to Staff's 2nd PQOs
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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Base (Project 4.2)

[In Dollars]

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039	\$2,399,039
3	Less: Accumulated Depreciation	(45,335)	(45,335)	(51,599)	(54,631)	(57,663)	(60,695)	(63,727)	(66,759)	(69,791)	(72,823)	(75,855)	(78,887)	(81,919)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$2,353,504	\$2,353,472	\$2,347,440	\$2,344,408	\$2,341,376	\$2,338,344	\$2,335,312	\$2,332,280	\$2,329,248	\$2,326,216	\$2,323,184	\$2,320,152	\$2,317,120	
6	Average Net Investment		\$2,351,988	\$2,348,956	\$2,345,924	\$2,342,892	\$2,339,860	\$2,336,828	\$2,333,796	\$2,330,764	\$2,327,732	\$2,324,700	\$2,321,668	\$2,318,636	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	3,863	3,858	3,854	3,849	3,843	3,838	3,833	3,828	3,824	3,819	3,813	3,808	46,030
	b. Equity Component Grossed Up For Taxes	5.77%	11,307	11,292	11,277	11,262	11,248	11,233	11,219	11,204	11,190	11,175	11,161	11,147	134,715
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	36,384
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		329	329	329	329	329	329	329	329	329	329	329	329	3,948
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	\$18,531	\$18,511	\$18,492	\$18,472	\$18,452	\$18,432	\$18,413	\$18,393	\$18,375	\$18,355	\$18,335	\$18,316	\$18,297	\$221,077
	a. Recoverable Costs Allocated to Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand	\$18,531	\$18,511	\$18,492	\$18,472	\$18,452	\$18,432	\$18,413	\$18,393	\$18,375	\$18,355	\$18,335	\$18,316	\$18,297	\$221,077
10	Energy Jurisdictional Factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)	17,213	17,194	17,176	17,158	17,139	17,121	17,103	17,084	17,068	17,049	17,030	17,013	17,013	205,347
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$17,213	\$17,194	\$17,176	\$17,158	\$17,139	\$17,121	\$17,103	\$17,084	\$17,068	\$17,049	\$17,030	\$17,013	\$17,013	\$205,347

Notes

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (line tax multiplier 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EL.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EL.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DEF-20190007-000086

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED GAA-5 - POD 2 Response
DEP's Response to Staff's 2nd PODs
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Return on Capital Investments, Depreciation and Taxes
For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Intermediate [Project 4.3]

(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-In-Service/Depreciation Base	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297	\$290,297
3	Less: Accumulated Depreciation	(\$85,386)	(85,911)	(86,436)	(86,961)	(87,486)	(88,011)	(88,536)	(89,061)	(89,586)	(90,111)	(90,636)	(91,161)	(91,686)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2+3+4)	\$204,911	\$204,386	\$203,861	\$203,336	\$202,811	\$202,286	\$201,761	\$201,236	\$200,711	\$200,186	\$199,661	\$199,136	\$198,611	
6	Average Net Investment		\$204,649	\$204,124	\$203,599	\$203,074	\$202,549	\$202,024	\$201,499	\$200,974	\$200,449	\$199,924	\$199,399	\$198,874	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	336	335	334	334	333	332	331	330	329	328	328	327	3,977
	b. Equity Component Grossed Up For Taxes	5.77%	984	981	979	976	974	971	969	966	964	961	959	956	11,640
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		205	205	205	205	205	205	205	205	205	205	205	205	2,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,050	\$2,046	\$2,043	\$2,040	\$2,037	\$2,033	\$2,030	\$2,026	\$2,023	\$2,019	\$2,017	\$2,013	\$24,377
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,050	\$2,046	\$2,043	\$2,040	\$2,037	\$2,033	\$2,030	\$2,026	\$2,023	\$2,019	\$2,017	\$2,013	\$24,377
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (F)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,490	1,488	1,485	1,483	1,481	1,478	1,476	1,473	1,471	1,468	1,466	1,464	17,723
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,490	\$1,488	\$1,485	\$1,483	\$1,481	\$1,478	\$1,476	\$1,473	\$1,471	\$1,468	\$1,466	\$1,464	\$17,723

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement In Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DEF-20190007-000087

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

SO2 and NOx EMISSIONS ALLOWANCES - Energy (Project 5)
(In Dollars)

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Docket No. 20190007-01
Duke Energy Florida, LLC
Witness: C. A. Menardet
REVISED CAM-5 - POD 2 Response
DEF's Response to Staff's 2nd PODs
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Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Working Capital: Dr (Cr)														
a. 0158150	SO ₂ Emission Allowance Inventory	\$3,221,762	\$3,220,079	\$3,219,007	\$3,218,107	\$3,217,506	\$3,216,262	\$3,214,815	\$3,213,124	\$3,211,398	\$3,209,864	\$3,208,308	\$3,207,497	\$3,207,040	\$3,207,040
b. 0254020	Auctioned SO ₂ Allowance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. 0158170	NOx Emission Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Total Working Capital	\$3,221,762	\$3,220,079	\$3,219,007	\$3,218,107	\$3,217,506	\$3,216,262	\$3,214,815	\$3,213,124	\$3,211,398	\$3,209,864	\$3,208,308	\$3,207,497	\$3,207,040	\$3,207,040
3	Average Net Investment		\$3,220,921	\$3,219,543	\$3,218,557	\$3,217,807	\$3,216,884	\$3,215,539	\$3,213,969	\$3,212,261	\$3,210,631	\$3,209,086	\$3,207,902	\$3,207,269	
4	Return on Average Net Working Capital Balance (B)														
a. Debt Component	1.97%		5,291	5,288	5,287	5,285	5,284	5,282	5,279	5,276	5,274	5,271	5,269	5,268	69,354
b. Equity Component Grossed Up For Taxes	5.77%		15,484	15,477	15,472	15,469	15,464	15,458	15,450	15,442	15,434	15,427	15,421	15,418	185,416
5	Total Return Component (C)		\$20,775	\$20,765	\$20,759	\$20,754	\$20,748	\$20,740	\$20,729	\$20,718	\$20,708	\$20,698	\$20,690	\$20,686	248,770
6	Expense: Dr (Cr)														
a. 0509030	SO ₂ Allowance Expense		\$1,684	\$1,072	\$899	\$602	\$1,243	\$1,447	\$1,691	\$1,726	\$1,534	\$1,557	\$811	\$457	14,722
b. 0407425	Amortization Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
c. 0506212	NOx Allowance Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
d. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (D)		1,684	1,072	899	602	1,243	1,447	1,691	1,726	1,534	1,557	811	457	14,722
8	Total System Recoverable Expenses (Lines 5 + 7)		\$22,459	\$21,837	\$21,658	\$21,356	\$21,991	\$22,187	\$22,420	\$22,444	\$22,242	\$22,255	\$21,501	\$21,143	268,492
a. Recoverable costs allocated to Energy			\$22,459	\$21,837	\$21,658	\$21,356	\$21,991	\$22,187	\$22,420	\$22,444	\$22,242	\$22,255	\$21,501	\$21,143	268,492
b. Recoverable costs allocated to Demand			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
9	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (E)		\$21,118	\$20,798	\$20,808	\$20,394	\$20,922	\$21,226	\$21,450	\$21,605	\$21,505	\$21,585	\$21,053	\$20,515	252,919
12	Retail Demand-Related Recoverable Costs (F)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 21,118	\$ 20,798	\$ 20,808	\$ 20,394	\$ 20,922	\$ 21,226	\$ 21,450	\$ 21,605	\$ 21,505	\$ 21,585	\$ 21,053	\$ 20,515	\$ 252,919

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.399495). See Stipulation & Settlement Agreement In Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 5 is reported on Capital Schedule
(D) Line 7 is reported on O&M Schedule
(E) Line 8a x Line 9
(F) Line 8b x Line 10

DEF-20190007-000088

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Merendat
REVISED CANA-5 - PG&E 2 Response
DEF's Response to Staff's 2nd PG&E
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Return on Capital Investments, Depreciation and Taxes
For Project: Phase II Cooling Water Intake 316(b) - Base (Project 6)

(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$479,225	\$611,225	\$375,225	\$323,225	\$79,225	\$65,225	\$182,000	\$122,000	\$248,654	\$42,312	\$2,328,664	\$43,020	\$4,900,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	8,167,876	42,312	2,328,664	43,020	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	8,167,876	8,210,188	10,538,852	10,581,872	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	(10,115)	(20,282)	(33,333)	(46,437)	
4	CWIP - Non-Interest Bearing	5,681,872	6,161,097	6,772,322	7,147,547	7,470,772	7,549,997	7,615,222	7,797,222	7,919,222	8,157,761	8,189,906	10,505,519	10,535,435	
5	Net Investment (Lines 2 + 3 + 4)	5,681,872	6,161,097	6,772,322	7,147,547	7,470,772	7,549,997	7,615,222	7,797,222	7,919,222	8,157,761	8,189,906	10,505,519	10,535,435	
6	Average Net Investment		\$5,921,485	\$6,466,710	\$6,959,935	\$7,309,160	\$7,510,385	\$7,582,610	\$7,706,222	\$7,858,222	\$8,038,492	\$8,173,834	\$9,347,713	\$10,520,477	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	9,726	10,622	11,432	12,006	12,336	12,455	12,658	12,908	13,204	13,426	15,354	17,281	153,408
	b. Equity Component Grossed Up For Taxes	5.77%	28,466	31,087	33,458	35,137	36,104	36,451	37,046	37,776	38,643	39,293	44,937	50,574	448,972
	c. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	1.4860%	0	0	0	0	0	0	0	0	10,115	10,167	13,051	13,104	46,437
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	0	0	0	0	0	0	0	0	1,159	1,165	1,165	1,502	4,391
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$38,192	\$41,709	\$44,890	\$47,143	\$48,440	\$48,906	\$49,704	\$50,684	\$63,121	\$64,051	\$74,507	\$82,461	653,808
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		38,192	41,709	44,890	47,143	48,440	48,906	49,704	50,684	63,121	64,051	74,507	82,461	653,808
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		35,475	38,741	41,696	43,789	44,993	45,426	46,168	47,078	58,630	59,494	69,206	76,594	607,290
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$35,475	\$38,741	\$41,696	\$43,789	\$44,993	\$45,426	\$46,168	\$47,078	\$58,630	\$59,494	\$69,206	\$76,594	\$607,290

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DEF-20190007-000089

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Peaking (Project 7.2 - CT Emission Monitoring Systems)

(In Dollars)

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Duke Energy Florida, LLC
Witness: C. A. Mendenhall
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Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements (G)		0	0	0	0	0	508,952	0	0	0	0	0	0	0
d.	Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,802,096	\$1,793,144	\$1,793,144	\$1,793,144	\$1,793,144	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144
3	Less: Accumulated Depreciation	(\$492,777)	(496,191)	(499,605)	(503,019)	(506,433)	(509,847)	\$108,038	(\$347,628)	(\$349,799)	(\$351,970)	(\$354,141)	(\$356,312)	(\$358,483)	
3a	Regulatory Asset Balance (G)	\$0	0	0	0	0	0	0	415,704	377,913	340,122	302,331	264,540	226,749	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$1,309,319	\$1,305,905	\$1,302,491	\$1,299,077	\$1,295,663	\$1,292,249	\$1,401,182	\$1,361,220	\$1,321,258	\$1,281,296	\$1,241,334	\$1,201,372	\$1,161,410	
6			\$1,307,612	\$1,304,198	\$1,300,784	\$1,297,370	\$1,293,956	\$1,346,715	\$1,381,201	\$1,341,239	\$1,301,277	\$1,261,315	\$1,221,353	\$1,181,391	
7	Return on Average Net Investment (B)														
a.	Debt Component	1.97%	2,146	2,143	2,137	2,131	2,126	2,212	2,269	2,203	2,137	2,072	2,006	1,941	25,523
b.	Equity Component Grossed Up For Taxes	5.77%	6,286	6,269	6,254	6,237	6,221	6,474	6,640	6,448	6,256	6,063	5,870	5,679	74,697
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation (C)		3,414	3,414	3,414	3,414	3,414	3,414	2,171	2,171	2,171	2,171	2,171	2,171	33,510
b.	Amortization (G)		0	0	0	0	0	0	37,791	37,791	37,791	37,791	37,791	37,791	226,746
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes (D)		1,396	1,396	1,396	1,396	1,396	1,396	982	982	982	982	982	982	14,268
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$13,242	\$13,222	\$13,201	\$13,178	\$13,157	\$13,496	\$49,853	\$49,595	\$49,337	\$49,079	\$48,820	\$48,564	374,744
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$13,242	\$13,222	\$13,201	\$13,178	\$13,157	\$13,496	\$49,853	\$49,595	\$49,337	\$49,079	\$48,820	\$48,564	374,744
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		12,702	12,683	12,663	12,641	12,621	12,946	47,821	47,574	47,326	47,079	46,830	46,585	359,469
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$12,702	\$12,683	\$12,663	\$12,641	\$12,621	\$12,946	\$47,821	\$47,574	\$47,326	\$47,079	\$46,830	\$46,585	\$359,469

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% [inc tax multiplier = 1.339495]. See Stipulation & Settlement Agreement In Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Depreciation calculated in CAIR CT's section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FDP-EI.
(D) Property tax calculated in CAIR CT's section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11
(G) Projects 7.2a and 7.2e to be amortized over one year in accordance with petition filed 8/30/2019 in Docket 20190007-EI

DEF-20190007-000090

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River)

Docket No. 20190007-EI
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Witness: C. A. Hernandez
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(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393	\$86,619,393
3	Less: Accumulated Depreciation	(\$1,572,642)	(\$1,582,625)	(\$1,792,608)	(\$1,902,591)	(\$2,012,574)	(\$2,122,557)	(\$2,232,540)	(\$2,342,523)	(\$2,452,506)	(\$2,562,489)	(\$2,672,472)	(\$2,782,455)	(\$2,892,438)	(\$2,892,438)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$85,046,752	\$84,936,769	\$84,826,786	\$84,716,803	\$84,606,820	\$84,496,837	\$84,386,854	\$84,276,871	\$84,166,888	\$84,056,905	\$83,946,922	\$83,836,939	\$83,726,956	\$83,726,956
6	Average Net Investment		\$84,991,760	\$84,881,777	\$84,771,794	\$84,661,811	\$84,551,828	\$84,441,845	\$84,331,862	\$84,221,879	\$84,111,896	\$84,001,913	\$83,891,930	\$83,781,947	
7	Return on Average Net Investment (B)														
a.	Debt Component	1.97%	139,604	139,424	139,244	139,062	138,883	138,702	138,520	138,340	138,160	137,979	137,797	137,618	1,663,333
b.	Equity Component Grossed Up For Taxes	5.77%	408,574	408,046	407,516	406,988	406,459	405,930	405,402	404,874	404,345	403,816	403,287	402,758	4,867,995
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation (C)		109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	109,983	1,319,796
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes (D)		12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	12,292	147,504
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$670,453	\$669,745	\$669,035	\$668,325	\$667,617	\$666,907	\$666,197	\$665,489	\$664,780	\$664,070	\$663,359	\$662,651	7,998,628
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$670,453	\$669,745	\$669,035	\$668,325	\$667,617	\$666,907	\$666,197	\$665,489	\$664,780	\$664,070	\$663,359	\$662,651	7,998,628
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		\$22,750	\$22,093	\$21,433	\$20,774	\$20,116	\$19,457	\$18,797	\$18,139	\$17,481	\$16,821	\$16,161	\$15,503	7,429,526
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$22,750	\$22,093	\$21,433	\$20,774	\$20,116	\$19,457	\$18,797	\$18,139	\$17,481	\$16,821	\$16,161	\$15,503	\$7,429,526

Notes:

(A) N/A

(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (Inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.

(C) Depreciation calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-2010-0131-FOF-EI.

(D) Property taxes calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.

(E) Line 9a x Line 10

(F) Line 9b x Line 11

DEF-20190007-000091

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Marandis
REVISED CAMR-9 - PG&E 2 Response
CEP's Response to Staff's 7th POOs
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Schedule of Amortization and Return
For Project: CAIR/CAMR - Energy (Project 7.4 - Reagents and By-Products)

(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Working Capital, Or (Cr)														
a.	0154401 Ammonia Inventory	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	\$74,941	74,941
b.	0154200 Limestone Inventory	\$914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386	914,386
2	Total Working Capital	\$989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326
3	Average Net Investment		989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	989,326	
4	Return on Average Net Working Capital Balance (A)														
a.	Debt Component	1.97%	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	1,625	\$19,500
b.	Equity Component Grossed Up For Taxes	5.77%	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	4,756	\$7,071
5	Total Return Component (B)		6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	6,381	76,571
6															
a.	0502010 Ammonia Expense		117,700	41,100	136,900	116,500	130,700	186,800	226,500	246,100	193,000	177,800	25,600	25,600	1,624,300
b.	0502040 Limestone Expense		243,900	201,288	220,085	38,140	314,937	325,848	383,594	475,632	374,516	186,395	201,945	12,220	2,278,508
c.	0502050 Dibasic Acid Expense		900	300	1,100	900	1,000	1,500	1,700	1,900	1,500	1,400	200	200	12,600
d.	0502070 Gypsum Disposal/Sale		(34,022)	(4,608)	(24,525)	(24,522)	(34,907)	(33,916)	(26,083)	(26,083)	(26,083)	(26,083)	(26,083)	(26,083)	(313,000)
e.	0502040 Hydrated Lime Expense		98,800	34,500	114,500	97,400	110,500	157,500	190,800	207,200	162,700	150,000	21,650	21,650	1,367,200
f.	0502300 Caustic Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (C)		427,278	272,580	448,060	228,418	522,230	637,732	776,510	904,749	705,633	489,512	223,311	33,586	5,669,608
8	Total System Recoverable Expenses (Lines 5 + 7)		\$433,658	\$278,971	\$454,441	\$234,799	\$528,611	\$644,113	\$782,891	\$911,129	\$712,013	\$495,893	\$229,692	\$39,967	\$5,746,180
a.	Recoverable Costs Allocated to Energy		433,658	278,971	454,441	234,799	528,611	644,113	782,891	911,129	712,013	495,893	229,692	39,967	5,746,180
b.	Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (D)		407,765	264,931	436,599	224,221	502,912	616,197	748,995	877,087	688,428	480,979	224,914	38,781	5,511,808
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 407,765	\$ 264,931	\$ 436,599	\$ 224,221	\$ 502,912	\$ 616,197	\$ 748,995	\$ 877,087	\$ 688,428	\$ 480,979	\$ 224,914	\$ 38,781	\$ 5,511,808

Notes:

- (A) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (Inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(B) Line 5 is reported on Capital Schedule
(C) Line 7 is reported on O&M Schedule
(D) Line 8a x Line 9
(E) Line 8b x Line 10

DEF-20190007-000092

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes
For Project: SEA TURTLE - COASTAL STREET LIGHTING - (Project 9)

[In Dollars]

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Docket No. 20190007-01
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED DAM-5 - FOD 2 Response
DEP's Response to Staff's 2nd FODs
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Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$75	\$75	\$50	\$50	\$50	\$0	\$0	\$300
	b. Clearings to Plant		0	0	0	0	0	75	75	50	50	50	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-In-Service/Depreciation Base	\$11,724	11,724	11,724	11,724	11,724	11,724	11,799	11,874	11,924	11,974	12,024	12,024	12,024	
3	Less: Accumulated Depreciation	(4,051)	(4,081)	(4,111)	(4,141)	(4,171)	(4,201)	(4,231)	(4,261)	(4,291)	(4,321)	(4,352)	(4,383)	(4,414)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$7,673	\$7,643	\$7,613	\$7,583	\$7,553	\$7,523	\$7,568	\$7,613	\$7,633	\$7,653	\$7,672	\$7,641	\$7,610	
6	Average Net Investment		\$7,658	\$7,628	\$7,598	\$7,568	\$7,538	\$7,546	\$7,591	\$7,623	\$7,643	\$7,663	\$7,657	\$7,626	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	13	13	12	12	12	12	12	13	13	13	13	13	151
	b. Equity Component Grossed Up For Taxes	5.77%	37	37	37	36	36	36	36	37	37	37	37	37	440
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.0658%	30	30	30	30	30	30	30	30	30	31	31	31	363
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.009414	9	9	9	9	9	9	9	9	9	9	9	9	108
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$89	\$89	\$88	\$87	\$87	\$87	\$87	\$89	\$89	\$90	\$90	\$90	1,062
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$89	\$89	\$88	\$87	\$87	\$87	\$87	\$89	\$89	\$90	\$90	\$90	1,062
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - (Distribution)		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		89	89	88	87	87	87	87	89	89	90	90	90	1,057
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$89	\$89	\$88	\$87	\$87	\$87	\$87	\$89	\$89	\$90	\$90	\$90	\$1,057

Notes:

(A) N/A

(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.

(C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-2010-0131-POF-EI.

(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.

(E) Line 9a x Line 10

(F) Line 9b x Line 11

DEF-20190007-000093

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Base (Project 10.1)

(in Dollars)

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED CAM 5 - PDD 7 Response
DEF's Response to Staff's 2nd PDDs
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Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other [A]		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	
3	Less: Accumulated Depreciation	(49,552)	(49,848)	(50,144)	(50,440)	(50,736)	(51,032)	(51,328)	(51,624)	(51,920)	(52,216)	(52,512)	(52,808)	(53,104)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$119,389	\$119,093	\$118,797	\$118,501	\$118,205	\$117,909	\$117,613	\$117,317	\$117,021	\$116,725	\$116,429	\$116,133	\$115,837	
6	Average Net Investment		\$119,241	\$118,945	\$118,649	\$118,353	\$118,057	\$117,761	\$117,465	\$117,169	\$116,873	\$116,577	\$116,281	\$115,985	
7	Return on Average Net Investment (B)														
a.	Debt Component	1.97%	196	195	195	194	194	193	193	192	192	191	191	191	2,317
b.	Equity Component Grossed Up For Taxes	5.77%	573	572	570	569	568	566	565	563	562	560	559	558	6,785
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation (C)	2.1000%	296	296	296	296	296	296	296	296	296	296	296	296	3,552
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes (D)	0.008573	121	121	121	121	121	121	121	121	121	121	121	121	1,452
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,186	\$1,184	\$1,182	\$1,180	\$1,179	\$1,176	\$1,175	\$1,172	\$1,171	\$1,168	\$1,167	\$1,166	14,106
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$1,186	\$1,184	\$1,182	\$1,180	\$1,179	\$1,176	\$1,175	\$1,172	\$1,171	\$1,168	\$1,167	\$1,166	14,106
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,102	1,100	1,098	1,096	1,095	1,092	1,091	1,089	1,088	1,085	1,084	1,083	13,102
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,102	\$1,100	\$1,098	\$1,096	\$1,095	\$1,092	\$1,091	\$1,089	\$1,088	\$1,085	\$1,084	\$1,083	\$13,102

Notes:

(A) N/A

(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.

(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.

(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.

(E) Line 9a x Line 10

(F) Line 9b x Line 11

DEF-20190007-000094

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes
For Project: UNDERGROUND STORAGE TANKS - Intermediate [10.2]

(in Dollars)

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED CMAA-5 - FOD 2 Response
DEF's Response to Staff's 2nd POCs
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Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006
3	Less: Accumulated Depreciation	(31,529)	(31,732)	(31,935)	(32,138)	(32,341)	(32,544)	(32,747)	(32,950)	(33,153)	(33,356)	(33,559)	(33,762)	(33,965)	(33,965)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$44,477	\$44,274	\$44,071	\$43,868	\$43,665	\$43,462	\$43,259	\$43,056	\$42,853	\$42,650	\$42,447	\$42,244	\$42,041	\$42,041
6	Average Net Investment		\$44,376	\$44,173	\$43,970	\$43,767	\$43,564	\$43,361	\$43,158	\$42,955	\$42,752	\$42,549	\$42,346	\$42,143	
7	Return on Average Net Investment (B)														
a.	Debt Component	1.97%	73	73	72	72	72	71	71	71	70	70	70	69	854
b.	Equity Component Grossed Up For Taxes	5.77%	213	212	211	210	209	208	207	206	206	205	204	203	2,494
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation (C)	3.2000%	203	203	203	203	203	203	203	203	203	203	203	203	2,436
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Tax (D)	0.009890	63	63	63	63	63	63	63	63	63	63	63	63	756
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$552	\$551	\$549	\$548	\$547	\$545	\$544	\$543	\$542	\$541	\$540	\$538	6,540
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$552	\$551	\$549	\$548	\$547	\$545	\$544	\$543	\$542	\$541	\$540	\$538	6,540
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		401	401	399	398	398	396	396	395	394	393	393	391	4,755
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$401	\$401	\$399	\$398	\$398	\$396	\$396	\$395	\$394	\$393	\$393	\$391	\$4,755

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DEF-20190007-000095

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Return on Capital Investments, Depreciation and Taxes
For Project: Effluent Limitation Guidelines CRN - Base (Project 15.1)

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED CAM-5 - POD 2 Response
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(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$80,000
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	2,191,682	
3	Less: Accumulated Depreciation	(8,934)	(13,445)	(17,956)	(22,467)	(26,978)	(31,489)	(36,000)	(40,511)	(45,022)	(49,533)	(54,044)	(58,555)	(63,066)	
4	CWIP - Non-Interest Bearing	0	20,000	40,000	60,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	80,000	
5	Net Investment (Lines 2 + 3 + 4)	\$2,182,748	\$2,198,237	\$2,213,726	\$2,229,215	\$2,244,704	\$2,240,193	\$2,235,682	\$2,231,171	\$2,226,660	\$2,222,149	\$2,217,638	\$2,213,127	\$2,208,616	
6	Average Net Investment		\$2,190,493	\$2,205,982	\$2,221,471	\$2,236,960	\$2,242,449	\$2,237,938	\$2,233,427	\$2,228,916	\$2,224,405	\$2,219,894	\$2,215,383	\$2,210,872	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	3,598	3,623	3,649	3,674	3,683	3,676	3,669	3,661	3,654	3,646	3,639	3,632	43,804
	b. Equity Component Grossed Up For Taxes	5.77%	10,530	10,605	10,679	10,754	10,780	10,758	10,737	10,715	10,693	10,672	10,650	10,628	128,201
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.4700%	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	4,511	54,132
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	311	311	311	311	311	311	311	311	311	311	311	311	3,792
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,950	\$19,050	\$19,150	\$19,250	\$19,285	\$19,256	\$19,228	\$19,198	\$19,169	\$19,140	\$19,111	\$19,082	229,869
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		18,950	19,050	19,150	19,250	19,285	19,256	19,228	19,198	19,169	19,140	19,111	19,082	229,869
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		17,602	17,695	17,787	17,880	17,913	17,886	17,860	17,832	17,805	17,778	17,751	17,724	218,514
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,602	\$17,695	\$17,787	\$17,880	\$17,913	\$17,886	\$17,860	\$17,832	\$17,805	\$17,778	\$17,751	\$17,724	\$218,514

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.399495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DEF-20190007-000096

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Hernandez
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Return on Capital Investments, Depreciation and Taxes
For Project: NPDES - Intermediate (Project 16)

(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	
3	Less: Accumulated Depreciation	(2,144,574)	(2,180,246)	(2,215,918)	(2,251,590)	(2,287,262)	(2,322,934)	(2,358,606)	(2,394,278)	(2,429,950)	(2,465,622)	(2,501,294)	(2,536,966)	(2,572,638)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$10,697,296	\$10,661,624	\$10,625,952	\$10,590,280	\$10,554,608	\$10,518,936	\$10,483,264	\$10,447,592	\$10,411,920	\$10,376,248	\$10,340,576	\$10,304,904	\$10,269,232	
6	Average Net Investment		\$10,679,460	\$10,643,788	\$10,608,116	\$10,572,444	\$10,536,772	\$10,501,100	\$10,465,428	\$10,429,756	\$10,394,084	\$10,358,412	\$10,322,740	\$10,287,068	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	17,542	17,483	17,425	17,366	17,307	17,249	17,190	17,132	17,073	17,014	16,956	16,897	206,694
	b. Equity Component Grossed Up For Taxes	5.77%	51,339	51,167	50,996	50,824	50,653	50,481	50,310	50,138	49,967	49,795	49,624	49,452	604,745
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.333%	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	428,064
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.009980	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	127,524
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$115,180	\$114,949	\$114,720	\$114,489	\$114,259	\$114,029	\$113,799	\$113,569	\$113,339	\$113,108	\$112,879	\$112,648	1,366,968
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$115,180	\$114,949	\$114,720	\$114,489	\$114,259	\$114,029	\$113,799	\$113,569	\$113,339	\$113,108	\$112,879	\$112,648	1,366,968
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		89,799	89,571	89,343	89,115	88,887	88,659	88,431	88,203	87,975	87,747	87,519	87,291	999,827
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$89,799	\$89,571	\$89,343	\$89,115	\$88,887	\$88,659	\$88,431	\$88,203	\$87,975	\$87,747	\$87,519	\$87,291	\$999,827

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.91% and statutory income tax rate of 25.345% (inc. tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0151-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DEF-20190007-000097

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 4 & 5 - Energy (Project 17)

(In Dollars)

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C.A. Manendez
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Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														\$0
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187
3	Less: Accumulated Depreciation	(345,965)	(352,547)	(359,129)	(365,711)	(372,293)	(378,875)	(385,457)	(392,039)	(398,621)	(405,203)	(411,785)	(418,367)	(424,949)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$3,344,222	\$3,337,640	\$3,331,058	\$3,324,476	\$3,317,894	\$3,311,312	\$3,304,730	\$3,298,148	\$3,291,566	\$3,284,984	\$3,278,402	\$3,271,820	\$3,265,238	
6	Average Net Investment		\$3,340,931	\$3,334,349	\$3,327,767	\$3,321,185	\$3,314,603	\$3,308,021	\$3,301,439	\$3,294,857	\$3,288,275	\$3,281,693	\$3,275,111	\$3,268,529	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	5,488	5,477	5,466	5,455	5,444	5,434	5,423	5,412	5,401	5,390	5,380	5,369	65,139
	b. Equity Component Grossed Up For Taxes	5.77%	16,061	16,029	15,997	15,966	15,934	15,902	15,871	15,839	15,807	15,776	15,744	15,713	190,639
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	Blended	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	78,984
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	524	524	524	524	524	524	524	524	524	524	524	524	6,288
	e. Other (E)		(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(7,160)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$28,058	\$28,015	\$27,972	\$27,930	\$27,887	\$27,845	\$27,803	\$27,760	\$27,717	\$27,675	\$27,633	\$27,591	333,890
	a. Recoverable Costs Allocated to Energy		28,058	28,015	27,972	27,930	27,887	27,845	27,803	27,760	27,717	27,675	27,633	27,591	333,890
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Retail Energy-Related Recoverable Costs (F)		\$26,383	\$26,605	\$26,874	\$26,672	\$26,532	\$26,639	\$26,600	\$26,723	\$26,799	\$26,843	\$27,059	\$26,772	\$320,501
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$26,383	\$26,605	\$26,874	\$26,672	\$26,532	\$26,639	\$26,600	\$26,723	\$26,799	\$26,843	\$27,059	\$26,772	\$320,501

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19930007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

DEF-20190007-000098

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

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Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Marandes
REVISED CAM-3 - POD 3 Response
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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - ANCLOTE GAS CONVERSION - Energy (Project 17.1)

(in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267	133,918,267
3	Less: Accumulated Depreciation	(17,457,598)	(17,700,012)	(17,942,426)	(18,184,840)	(18,427,254)	(18,669,668)	(18,912,082)	(19,154,496)	(19,396,910)	(19,639,324)	(19,881,738)	(20,124,152)	(20,366,566)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$116,460,669	\$116,218,255	\$115,975,841	\$115,733,427	\$115,491,013	\$115,248,599	\$115,006,185	\$114,763,771	\$114,521,357	\$114,278,943	\$114,036,529	\$113,794,115	\$113,551,701	
6	Average Net Investment		\$116,339,462	\$116,097,048	\$115,854,634	\$115,612,220	\$115,369,806	\$115,127,392	\$114,884,978	\$114,642,564	\$114,400,150	\$114,157,736	\$113,915,322	\$113,672,908	
7	Return on Average Net Investment (8)														
u.	Debt Component	1.97%	191,095	190,697	190,299	189,901	189,503	189,104	188,706	188,308	187,910	187,512	187,113	186,715	2,266,863
b.	Equity Component Grossed Up For Taxes	5.77%	559,270	556,105	556,939	555,774	554,609	553,443	552,278	551,113	549,947	548,782	547,617	546,451	6,634,328
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation (C)	2.1722%	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	242,414	2,908,968
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes (D)	0.008490	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	94,747	1,136,964
e.	Other (E)		(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(177,534)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,072,732	\$1,071,169	\$1,069,605	\$1,068,042	\$1,066,479	\$1,064,914	\$1,063,351	\$1,061,788	\$1,060,224	\$1,058,661	\$1,057,097	\$1,055,533	12,769,589
a.	Recoverable Costs Allocated to Energy		1,072,732	1,071,169	1,069,605	1,068,042	1,066,479	1,064,914	1,063,351	1,061,788	1,060,224	1,058,661	1,057,097	1,055,533	12,769,589
b.	Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.94029	0.94967	0.96074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$1,008,678	\$1,017,258	\$1,027,611	\$1,019,925	\$1,014,631	\$1,018,760	\$1,017,311	\$1,022,116	\$1,025,104	\$1,026,821	\$1,035,107	\$1,024,195	\$12,257,517
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,008,678	\$1,017,258	\$1,027,611	\$1,019,925	\$1,014,631	\$1,018,760	\$1,017,311	\$1,022,116	\$1,025,104	\$1,026,821	\$1,035,107	\$1,024,195	\$12,257,517

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROC of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339455). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

DEF-20190007-000099

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
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Return on Capital Investments, Depreciation and Taxes
For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 1 & 2 - Energy (Project 17.2)

(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-In-Service/Depreciation Base	\$22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074	22,681,074
3	Less: Accumulated Depreciation	(3,846,197)	(3,916,130)	(3,986,063)	(4,055,996)	(4,125,929)	(4,195,862)	(4,265,795)	(4,335,728)	(4,405,661)	(4,475,594)	(4,545,527)	(4,615,460)	(4,685,393)	(4,685,393)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$18,834,877	\$18,764,944	\$18,695,011	\$18,625,078	\$18,555,145	\$18,485,212	\$18,415,279	\$18,345,346	\$18,275,413	\$18,205,480	\$18,135,547	\$18,065,614	\$17,995,681	\$17,995,681
6	Average Net Investment		\$18,799,910	\$18,729,977	\$18,660,044	\$18,590,111	\$18,520,178	\$18,450,245	\$18,380,312	\$18,310,379	\$18,240,446	\$18,170,513	\$18,100,580	\$18,030,647	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.97%	30,880	30,765	30,650	30,535	30,421	30,306	30,191	30,076	29,961	29,846	29,731	29,617	362,979
	b. Equity Component Grossed Up For Taxes	5.77%	90,375	90,039	89,703	89,367	89,031	88,694	88,358	88,022	87,686	87,350	87,014	86,677	1,062,316
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.7000%	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	69,933	839,196
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	3,219	38,628
	e. Other (E)		(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(126,475)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$183,867	\$183,416	\$182,965	\$182,514	\$182,064	\$181,612	\$181,161	\$180,710	\$180,259	\$179,808	\$179,357	\$178,906	2,176,644
	a. Recoverable Costs Allocated to Energy		183,867	183,416	182,965	182,514	182,064	181,612	181,161	180,710	180,259	179,808	179,357	178,906	2,176,644
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.94029	0.94967	0.956074	0.95495	0.95138	0.95666	0.95670	0.96264	0.96688	0.96993	0.97920	0.97031	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Retail Energy-Related Recoverable Costs (F)		\$172,889	\$174,185	\$175,782	\$174,292	\$173,213	\$173,741	\$173,318	\$173,958	\$174,288	\$174,401	\$175,626	\$173,595	\$2,089,288
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$172,889	\$174,185	\$175,782	\$174,292	\$173,213	\$173,741	\$173,318	\$173,958	\$174,288	\$174,401	\$175,626	\$173,595	\$2,089,288

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EU Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 19990007-EI, Order No. PSC-1999-2513-FOF-EI.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

DEF-20190007-000100

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Return on Capital Investments, Depreciation and Taxes
For Project: COAL COMBUSTION RESIDUAL (CCR) RULE - Base (Project 38)

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(In Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-20	Estimated Feb-20	Estimated Mar-20	Estimated Apr-20	Estimated May-20	Estimated Jun-20	Estimated Jul-20	Estimated Aug-20	Estimated Sep-20	Estimated Oct-20	Estimated Nov-20	Estimated Dec-20	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	
3	Less: Accumulated Depreciation (A)	(\$20,246)	(21,052)	(21,858)	(22,664)	(23,470)	(24,276)	(25,082)	(25,888)	(26,694)	(27,500)	(28,306)	(29,112)	(29,918)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$425,844	\$425,038	\$424,232	\$423,426	\$422,620	\$421,814	\$421,008	\$420,202	\$419,396	\$418,590	\$417,784	\$416,978	\$416,172	
6	Average Net Investment		\$425,441	\$424,635	\$423,829	\$423,023	\$422,217	\$421,411	\$420,605	\$419,799	\$418,993	\$418,187	\$417,381	\$416,575	
7	Return on Average Net Investment (B)														
a.	Debt Component	1.97%	699	697	696	695	694	692	691	690	688	687	686	684	8,299
b.	Equity Component Grossed Up For Taxes	5.77%	2,045	2,041	2,037	2,034	2,030	2,026	2,022	2,018	2,014	2,010	2,006	2,003	24,286
c.	Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation (C)	2.1695%	806	806	806	806	806	806	806	806	806	806	806	806	9,672
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes (D)	0.001703	63	63	63	63	63	63	63	63	63	63	63	63	756
e.	Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,613	\$3,607	\$3,602	\$3,598	\$3,593	\$3,587	\$3,582	\$3,577	\$3,571	\$3,566	\$3,561	\$3,556	43,013
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		3,613	3,607	3,602	3,598	3,593	3,587	3,582	3,577	3,571	3,566	3,561	3,556	43,013
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		3,356	3,350	3,346	3,342	3,337	3,332	3,327	3,322	3,317	3,312	3,308	3,303	39,953
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,356	\$3,350	\$3,346	\$3,342	\$3,337	\$3,332	\$3,327	\$3,322	\$3,317	\$3,312	\$3,308	\$3,303	\$39,953

Notes:

- (A) N/A
(B) Line 6 x 7.74% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.31% and statutory income tax rate of 25.345% (inc tax multiplier = 1.339495). See Stipulation & Settlement Agreement in Order No. PSC-2012-0425-PAA-EI Docket No. 20120007-EI.
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-2010-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2018 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

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**DUKE ENERGY FLORIDA, LLC
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Project Title: Substation Environmental Investigation, Remediation and Pollution Prevention
Project No. 1

Project Description:

Chapter 376 Florida Statutes requires that any person discharging a prohibited pollutant shall undertake to contain, remove and abate the discharge to the satisfaction of the FDEP. Similarly, Chapter 403 Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For DEF to comply with these statutes, it is actively conducting remediation and pollution prevention activities at its substation sites to remove the existence of pollutant discharges. Activities also include development and implementation of best management and pollution prevention measures at these sites.

Project Accomplishments:

As of the end of second quarter 2019, a total of 277 substation remediations are completed out of 279 slated for substation activities.

Project Fiscal Expenditures:

2019 O&M expenditures for the substation system program (Projects 1 & 1a) are estimated to be \$631k. Project 1, Transmission Substation Remediation, is forecasted to be \$619k. Project 1a, Distribution Substation Remediation, is forecasted to be \$12k. The distribution portion of this program is now complete.

Project Progress Summary:

DEF continues to remediate substation sites in accordance with the approved Substation Assessment and Remedial Action Plan (SARAP).

Project Projections:

2020 O&M estimated expenditures are \$25k.

**DUKE ENERGY FLORIDA, LLC
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Project Title: Distribution System Environmental Investigation, Remediation and Pollution Prevention
Project No. 2

Project Description:

Chapter 376 Florida Statutes requires that any person discharging a prohibited pollutant shall undertake to contain, remove and abate the discharge to the satisfaction of the FDEP. Similarly, Chapter 403 Florida Statutes provides that it is prohibited to cause pollution so as to harm or injure human health or welfare, animal, plant, or aquatic life or property. For DEF to comply with these statutes, it is actively conducting remediation and pollution prevention activities at its distribution sites to remove the existence of pollutant discharges. Activities also include development and implementation of best management and pollution prevention measures at these sites.

Project Accomplishments:

All TRIP sites source removals are completed. Groundwater monitoring will complete in 2019.

Project Fiscal Expenditures:

There is \$7.5K forecasted for 2019.

Project Progress Summary:

This project is complete with the exception of the groundwater monitoring at the 7100 Sunset Way, St. Petersburg Beach location.

Project Projections:

No further charges are expected to hit this project in 2020.

DEF-20190007-000103

20190007-EI Staff Hearing Exhibits 00194

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Project Title: Pipeline Integrity Management (PIM) - Bartow/Anclote Pipeline
Project No. 3

Project Description:

The U.S. Department of Transportation (USDOT) Regulation 49 CFR Part 195, as amended effective 2/15/02, and the new regulation published at 67 Federal Register 2136 on 1/16/02, requires DEF to implement a PIM program. Prior to the 2/15/02 amendments, the USDOT's PIM regulations applied only to operators with 500 miles or more of hazardous liquid and carbon dioxide pipelines that could affect high consequence areas. The amendments which became effective on 2/15/02, extended the requirements for implementing integrity management to operators who have less than 500 miles of regulated pipelines. As such, DEF must maintain the integrity of pipeline systems in order to protect public safety and the environment, and comply with continual assessment and evaluation of pipeline systems integrity through inspection or testing, data integration and analysis, and follow up with remedial, preventative, and mitigative actions. DEF owns one hazardous liquid pipeline, Bartow/Anclote 14-inch hot oil pipeline, extending 33.3 miles from the Company's Bartow Plant north of St. Petersburg to the Anclote Plant in Holiday, that is subject to PIM regulations.

Effective 2/2010, amendments to 49 CFR 195 were finalized to improve opportunities to reduce risk through more effective control of pipelines. Compliance with these amendments will enhance pipeline safety by coupling strengthened control room management with improved controller training and fatigue management. On 6/16/11, the USDOT published in the Federal Register (Vol. 76, 35130-35136), a final rule effective 8/15/11, that expedites the program implementation deadlines in the Control Room Management/Human Factors regulations in order to realize the safety benefits sooner than established in the original rule. This final rule amends the program implementation deadlines for different procedures to no later than 10/21/11 and 8/1/12.

Project Accomplishments:

Since the Bartow Anclote Pipeline (BAP) contained a small quantity of #6 fuel oil, the PIM program under 49CFR195 continues to be maintained. Third party projects by Florida Department of Transportation (FDOT), Florida Gas Transmission, Pinellas County, The City of Pinellas Park, and others have been evaluated for their risk to BAP integrity. Risk mitigation measures have been completed per 49CFR195.450. The BAP Risk Analysis has been updated. The Annual Report and National Pipeline Mapping System (NPMS) annual review have been completed. Reviews and evaluations are also being completed for Advisory Bulletins 11-04, 13-02, 15-01, and 15-02, relating to flooding and hurricanes. BAP personnel have participated in US Department of Transportation Pipeline and Hazardous Material Safety Administration (PHMSA), utility owners groups, damage prevention groups, and FDOT workshops and training. Pipeline accidents and PHMSA enforcement actions have been reviewed for conditions that are applicable to the BAP and appropriate changes to BAP practices and procedures have been implemented. Pipeline records are being organized and stored with the conversion to electronic storage now essentially complete.

In 2016, pipeline ownership was transferred from the Fossil Hydro Operations group to Plant Retirement and Demolition, in preparation for pipeline retirement that is expected to occur in 2016. Once retired, the pipeline will be cleaned to remove any remaining oil. Once cleaned, the requirements described above in the PIM program will no longer be required. Cleaning is expected to occur in 2016, with any required demolition activities in 2017. As of the end of 2016, three of the four sub-projects were retired and approved to be amortized over three years - Project 3.1b Pipeline Leak Detection, Project 3.1c Pipeline Controls Upgrade, and Project 3.1d Control Room Management.

The final sub-project 3.1a - Alderman Road Fence was retired June 2017 and approved as a regulatory asset. This was amortized over 26 months, and all four parts of this project are fully amortized as of September 2019.

Project Fiscal Expenditures:

No capital or O&M expenditures are estimated for 2019.

Project Progress Summary:

Projects 3.1b (Pipeline leak Detection), 3.1c (Pipeline Controls Upgrade), and 3.1d (Control Room Management) were retired August 2016. Project 3.1a (Alderman Road Fence) retired June 2017. All are fully amortized as of September 2019.

Project Projections:

No capital or O&M expenditures are estimated for 2020.

DEF-20190007-000104

20190007-EI Staff Hearing Exhibits 00195

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Project Title: Above Ground Storage Tank Secondary Containment
Project No. 4

Project Description:

FDEP Rule 62-761.510(3) states that DEF is required to make improvements to its above ground petroleum storage tanks in order to comply with those provisions. Subsection (d) of the rule requires all internally lined single bottom above ground storage tanks to be upgraded with secondary containment, including secondary containment for piping in contact with the soil. Rule 62-761.500(1)(e) also requires that dike field area containment for pre-1998 tanks be upgraded, if needed, to comply with the requirement.

Project Accomplishments:

DEF has completed work at Debary 1 and 2, Turner 7, Turner 8, Higgins 1, and Bartow 6 as well as Turner P-1 and P-2 piping work.

Project Fiscal Expenditures:

No project expenditures are expected in 2019.

Project Progress Summary:

DEF continually evaluates its compliance program, including project prioritization, schedule and technology applications. Project 4.1a (Turner CTs) retired in March 2016. Consistent with DEF's petition filed August 4, 2016, DEF is treating the unrecovered investments as a regulatory asset, amortizing it over three years beginning April 2016 until fully recovered in 2019, with a return on the return on the unamortized balance.

Project Projections:

No new project expenditures are expected in 2020. Consistent with DEF's August 30, 2019 petition, DEF expects to retire the Avon Park and Higgins combustion turbine plants in 2020. With this retirement, the Above Ground Tank Secondary Containment and CAIR CT assets will also be retired. DEF is proposing to treat the unrecovered investments as a regulatory asset, and amortize them over one year until fully recovered, with a return on the unamortized balance.

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Project Title: SO₂ and NO_x Emissions Allowances
Project No. 5

Project Description:

In accordance with the Acid Rain Program in Title IV of the Clean Air Act, CFR 40 Part 73 and Part 76, Florida Administrative Code Rule 62-214 and the Clean Air Interstate Rule (CAIR), DEF manages sulfur dioxide (SO₂) and nitrogen oxide (NO_x) allowance inventory to offset emissions. On 7/6/11, the EPA issued the Cross-State Air Pollution Rule (CSAPR) to replace the CAIR. The CSAPR significantly alters SO₂ and NO_x allowance programs. Under the CAIR, Florida has to comply with annual SO₂ and NO_x emission requirements, and seasonal NO_x emission requirements. Under the CSAPR, Florida is no longer required to comply with annual emissions requirements, only ozone seasonal limits. On 8/8/11, the final CSAPR was published in the Federal Register. The CSAPR sets state-level annual and seasonal SO₂ and NO_x emission allowance requirements effective 1/1/12.

On 8/21/12, the D.C. Circuit Court vacated the CSAPR. It also directed the EPA to continue administering the CAIR which requires additional reductions in SO₂ and NO_x emissions beginning in 2015. On 4/29/14, the U.S. Supreme Court reversed the D.C. Circuit Court decision finding that with CSAPR the EPA reasonably interpreted the good neighbor provision of the Clean Air Act. The case was then remanded to the D.C. Circuit Court for further proceedings, and the EPA requested the court lift the CSAPR stay and direct it to take effect on 1/1/15. On 10/23/14 the D.C. Circuit Court lifted the CSAPR stay. On 1/1/15, the CSAPR replaced the CAIR. The CSAPR took effect in Florida on 5/1/15. Consequently, CAIR NO_x emission allowances have no value; however, SO₂ emission allowances can continue to be used to comply with the Acid Rain Program. DEF treated its unused NO_x costs as a regulatory asset amortizing it over 3 years, as approved by the Commission in Order No. PSC-2011-0553-FOF-EI. These are fully recovered as of December 2017.

Project Accomplishments:

Air quality compliance costs are administered by an authorized account representative who evaluates a variety of resources and options. Activities performed include purchases of SO₂ and NO_x emissions allowances as well as auctions and transfers of SO₂ emissions allowances.

Project Fiscal Expenditures:

2019 O&M is forecasted to be \$16k.

Project Progress Summary:

DEF continually evaluates the status of emission rules to maximize the cost effectiveness of its compliance strategy.

Project Projections:

2020 O&M expenditures are projected to be \$15k.

DEF-20190007-000106

20190007-EI Staff Hearing Exhibits 00197

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Project Title: Phase II Cooling Water Intake
Project No. 6

Project Description:

Section 316(b) of the Federal Clean Water Act requires that the location, design, construction, and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impact. 33 U.S.C. Section 1326. On 5/19/14, the EPA Administrator signed a final 316(b) rule to protect fish and aquatic life drawn into cooling systems at power plant and factories. The rule aims to minimize impingement (aquatic life pinned against cooling water intake structures) and entrainment (aquatic life drawn into cooling water systems). The regulation became effective on October 14, 2014, 60 days after publication in the Federal Register which was 8/15/14.

EPA's regulation implementing §316(b) of the Clean Water Act for existing facilities was published on August 15, 2014. The regulation aims to minimize adverse environmental impacts to fish and other aquatic organisms from the operation of cooling water intake structures. The regulation became effective October 14, 2014, 60 days after publication in the Federal Register. The regulation primarily applies to existing power generating facilities that commenced construction prior to or on January 17, 2002 and to new units at existing facilities that are built to increase the generating capacity of the facility.

According to the current 316(b) rule, required studies and information submittals will be due with the renewal of the NPDES permit application for permits that expire after July 18, 2018. Permittees with a current NPDES permit that expires before July 18, 2018 may request the FDEP establish an alternative schedule for submitting the required information. This rule is applicable to Anclote, Bartow, Suwannee, and Crystal River North stations.

Project Accomplishments:

DEF is currently evaluating the 316(b) rule to determine potential study requirements, operating and cost impacts to its generating stations. Site specific strategic plans, studies, and implementation plans are under development to ensure compliance with all applicable requirements of the rule.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$717k. 2019 Capital expenditures are estimated to be \$4.4M.

Project Progress Summary:

Initial steps in site specific plan development have been completed. Work continues on plans for implementation, decision milestones, compliance approaches, and study requirements. Procurement of long lead time equipment and material began in 2018, along with selection of contractor services for the Crystal River Project. Contracts were awarded in 2019 for the construction of the Citrus County Combined Cycle Blowdown/Augmentation discharge to the Crystal River North station Cooling Tower Make-up system. Construction of this portion of the project is scheduled to complete in 2019.

Project Projections:

2020 estimated O&M expenditures are \$136k, capital expenditures are \$4.9M.

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Project Title: Integrated Clean Air Compliance Plan - Clean Air Interstate Rule (CAIR)
Project Nos. (7.2, 7.3 & 7.4)

Project Description:

The Clean Air Interstate Rule (CAIR), 40 CFR 24, 262, imposes significant restrictions on emissions of SO₂ and NO_x from power plants in 28 eastern states, including Florida and the District of Columbia. The CAIR rule apportions region-wide SO₂ and NO_x emission reduction requirements to the individual states, and further requires each affected state to revise its State Implementation Plans (SIPs) to include measures necessary to achieve its emission reduction budget within prescribed deadlines.

The Cross-State air pollution Rule (CSAPR) replaced CAIR on 1/1/15. Under the CSAPR, the State of Florida is no longer required to comply with annual emission requirements, only NO_x ozone seasonal limits. The CSAPR requirements took effect in Florida on 5/1/15, the beginning of the ozone season. NO_x emission allowances under CAIR have no value; however, DEF will continue to use its SO₂ emission allowances to comply with the Acid Rain Program. (see Project No. 5 - SO₂ and NO_x Emission Allowances Project Sheet for more information).

The Florida Department of Environmental Protection ("FDEP") Conditions of Certification, dated August 1, 2012, require DEF to evaluate an alternative disposal method of FGD Blowdown wastewater based on results of groundwater monitoring near percolation ponds. DEF is installing a physical/chemical treatment system to treat FGD Blowdown wastewater with discharge to surface water or percolation ponds.

Project Accomplishments:

The FGD Wastewater treatment (WWT) system went in-service February 2019.

Project Fiscal Expenditures:

For 2019, O&M expenditures for CAIR/CAMR – Peaking (Project 7.2) are projected to be \$0. For the CAIR/CAMR Crystal River Program (Project 7.4), O&M is forecasted be \$23.8M. Capital expenditures for CAIR/CAMR Crystal River - Conditions of Certification (Project 7.4) are expected to be \$5.8M.

Project Progress Summary:

DEF continues to comply with the CAIR, CSAPR and the Acid Rain Program. The FGD WWT project will comply with EPA's CCR rule, ELG requirements, and FDEP's Consent Order OCG Case No. 09-3463D, Third Amendment.

Project Projections:

2020 estimated O&M expenditures are \$22.6M.

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Project Title: Best Available Retrofit Technology (BART)
Project No. 7.5

Project Description:

On 5/25/12, the EPA proposed a partial disapproval of Florida's proposed Regional Haze State Implementation Plan (SIP) because the proposed SIP relies on CAIR to satisfy BART requirements for SO₂ and NO_x emissions. CAIR remained in effect while litigation against the Cross State Air Pollution Rule (CSAPR) proceeded, and the EPA incorporated the CSAPR in place of CAIR into Regional Haze SIPs, including Florida. DEF worked with the FDEP to develop specific BART and Reasonable Progress permits for affected units that were incorporated into Florida's revised SIP submittal, which was filed with EPA on 9/17/12. The final BART permit applications for Crystal River fossil units were submitted to EPA on 10/15/12 as a supplement to the 9/17/12 submittal. Permitting was finalized in 2013 with an effective date of January 1, 2014.

Project Accomplishments:

DEF performed required emissions modeling and associated BART analysis for Crystal River 1&2 (CR1&2) and Anclote plants, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications in support of the FDEP's work to amend its SIP as directed by the EPA. Permitting actions were completed in 2013 with the effective date of the CR 1& 2 permit being January 1, 2014.

Project Fiscal Expenditures:

No project expenditures are expected in 2019.

Project Progress Summary:

DEF performed required emissions modeling and associated BART analysis for CR1&2 and Anclote, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications needed in support of the FDEP ongoing work to amend its State Implementation Plan as directed by the EPA. Based on the revised Regional Haze SIP incorporating the provisions of Crystal River's BART permits for SO₂ and NO_x, EPA on 12/10/12 proposed approval of the SIP. In August 2013, EPA finalized the full approval of the SIP. The Crystal River South BART permit became effective on January 1, 2014 and DEF is now operating under the terms of that permit.

Project Projections:

No project expenditures are expected in 2020.

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Project Title: Arsenic Groundwater Standard
Project No. 8

Project Description:

On 12/22/01, the EPA adopted a new maximum contaminant level (MCL) for arsenic in drinking water replacing the previous standard of 0.050 mg/L (50 ppb) with a new MCL of 0.010 mg/L (10 ppb). Effective 1/1/05, the FDEP established the USEPA MCL as Florida's drinking water standard. See Rule 62-550 F.A.C. The new standard has compliance implications for land application and water reuse projects in Florida with arsenic ground water monitoring levels above 10 ppb because the drinking water standard has been established as the groundwater standard by Rule 62-520-420(1), F.A.C.

Project Accomplishments:

A Plan of Study (POS) to evaluate the source of arsenic at the site was implemented on November 2011. A POS Addendum that included a leachability study and proposed abandoning one well and installing 3 new wells was implemented in February 2012. An additional Flue Gas Desulfurization (FGD) Wastewater Treatment Study was conducted in May 2013. The results of these studies indicated that Arsenic is naturally occurring in some areas but there is also a contribution from the FGD discharge from the lined treatment pond to the percolation ponds, and from the industrial wastewater from Crystal River Units 1 & 2. These sources are being addressed by the construction of a new FGD wastewater treatment system and retirement of Units 1 & 2, both scheduled to be completed by December 31, 2018.

Additional assessment was initiated in 2016 around the area of ground water wells still exceeding the Arsenic standard of 10 ppb with no clear source of Arsenic identified (MWC-1, MWC-31 and MWC-32). This additional assessment indicated that the source of Arsenic around MWC-31 is related to the former North Ash Pond that was located in that area. Based on that finding, the Consent Order was amended to address that area under 62-780, F.A.C. Remedial Actions, which included additional assessment and submittal of a final assessment report to FDEP in 2018. Results from MWC-1 assessment indicate that the well is not measuring impacts from the industrial wastewater activities at the site and DEF requested to FDEP that the well be replaced by one of the Plan of Study wells. FDEP requested the sampling of all the wells around MWC-1 for a year prior to approval of the change. Assessment around MWC-32 is on-going in 2019.

Project Fiscal Expenditures:

2019 O&M expenditures are expected to be \$150k.

Project Progress Summary:

DEF is evaluating monitoring data and other options to achieve compliance in accordance to Consent Order.

Project Projections:

2020 O&M expenditures are forecasted to be \$1.3M.

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Project Title: Sea Turtle - Coastal Street Lighting
Project No. 9

Project Description:

DEF owns and leases high pressure sodium streetlights throughout its service territory, including areas along the Florida coast. Pursuant to Section 161.163, Florida Statutes, the FDEP, in collaboration with the Florida Fish and Wildlife Conservation Commission (FFWCC) and the U.S. Fish & Wildlife Service (USFWS), has developed a model Sea Turtle lighting ordinance. The model ordinance is used by the local governments to develop and implement ordinances within its jurisdiction. To date, Sea Turtle lighting ordinances have been adopted in Franklin County, Gulf County, City of Mexico Beach in Bay County and Pinellas County, all of which are within DEF's service territory. Since 2004, officials from the various local governments, as well as the FDEP, FFWC, and USFWS, have advised DEF that lighting it owns and leases is affecting turtle nesting areas that fall within the scope of these ordinances. As a result, local governments require DEF to take additional measures to satisfy new criteria being applied to ensure compliance with the sea turtle ordinances.

Project Accomplishments:

DEF continues to work with Franklin County, Gulf County, City of Mexico Beach in Bay County, and Pinellas County to mitigate any potential sea turtle nesting issues by retrofitting existing street lights, placing amber shields on existing HPS street lights and monitoring street lights for effectiveness in complying with sea turtle ordinances.

Project Fiscal Expenditures:

2019 Capital expenditures are estimated to be \$400, O&M expenditures are estimated to be a credit of (\$48k).

Project Progress Summary:

DEF is on schedule with activities identified for this program.

Project Projections:

2020 estimated O&M is \$300, and Capital expenditures are estimated at \$300.

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Project Title: **Underground Storage Tanks**
Project No. 10

Project Description:

FDEP regulations require that underground pollutant storage tanks and small diameter piping be upgraded with secondary containment by 12/31/09. See Rule 62-761.510(5), F.A.C. DEF identified four tanks that must comply with this rule: two at Crystal River Plant and two at Bartow Plant.

Project Accomplishments:

Work on Crystal River and Bartow USTs was completed in 4th Qtr 2006.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF continually evaluates its compliance program, including project prioritization, schedule and technology applications.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: **Modular Cooling Towers**
Project No. 11

Project Description:

This project involves installation and operation of modular cooling towers in the summer months to minimize de-rates of Crystal River 1&2 (CR1&2) necessary to comply with the NPDES permit limit for the temperature of cooling water discharged from the units.

Project Accomplishments:

Vendors of modular cooling towers were evaluated regarding cost of installation and operation. The FDEP reviewed the project and approved operation. A vendor was selected and the towers were installed during the 2nd Qtr 2006.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

The modular cooling towers began operation in June 2006 and successfully minimized de-rates of CR 1&2. The towers were removed during the first half of 2012. This project is complete.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Crystal River Thermal Discharge Compliance Project
Project No. 11.1

Project Description:

This project was to evaluate and implement the best long term solution to maintain compliance with the thermal discharge limit in the FDEP industrial wastewater permit for Crystal River Units 1,2&3 that was being addressed in the short term by the Modular Cooling Towers approved in Docket No. 20060162-EI. Due to DEF's decision to retire CR3, this project is no longer necessary and will not be implemented.

Project Accomplishments:

The study phase of the project was completed with a recommendation to replace the leased modular cooling towers in coordination with the cooling solution for the CR3 Extended Power Uprate (EPU) discharge canal cooling solution. The new cooling tower associated with the CR3 EPU was to be sized to mitigate both increased temperatures from the EPU as well as replace the modular cooling towers, which were removed in 2012. The design contract for the CR3 EPU cooling tower was awarded and a vendor selected. In February 2013, DEF decided to retire CR3; therefore, the project will not proceed.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

Crystal River Units 1,2&3 utilize a once-through cooling water process to cool and condense turbine exhaust steam back to water. The cooling water is removed from the Gulf of Mexico via an intake canal and discharged to a common discharge canal shared by all of the generating units. DEF has a NPDES industrial wastewater permit from the FDEP to discharge this cooling water from CR 1,2&3 into the Gulf of Mexico. The FDEP NPDES permit includes a limit on the temperature of the cooling water discharge (96.5 degrees Fahrenheit on a three-hour rolling average) measured at the point of discharge to the Gulf of Mexico. The new cooling towers were being added as a long term solution to the issue of higher ambient water temperatures previously being addressed by the modular cooling towers and added heat rejection due to the estimated 180MW Uprate of CR3. With the retirement of CR3, the heat rejection associated with the entire unit is removed and therefore the new cooling tower is not necessary for the continued operation of CR 1&2 within the NPDES permit limits.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Greenhouse Gas (GHG) Inventory and Reporting
Project No. 12

Project Description:

The GHG Inventory and Reporting Program was created in response to Chapter 2008-277, Florida Laws, which established the Florida Climate Protection Act to be codified at section 403.44, Florida Statutes. Among other things, this legislation authorizes the FDEP to establish a cap and trade program for GHG emissions from power plants. Utilities subject to the program, including DEF, will be required to use The Climate Registry for purposes of GHG emission registration and reporting. The requirement to report to The Climate Registry was repealed during the 2010 legislative session; however, the EPA GHG Reporting Rule (40 CFR 98) does require DEF to submit 2010 GHG data to the EPA no later than 9/30/2011.

Project Accomplishments:

In 2009, DEF joined The Climate Registry and submitted 2008 GHG inventory data. 2009 data was submitted during the third quarter of 2010. Both 2008 and 2009 data was validated by a third party as required by The Climate Registry. 2010 GHG inventory data was submitted to EPA on 9/30/11 and EPA does not require data validation by a third party. DEF has discontinued its membership with The Climate Registry. Since third party validation is not required by the EPA, no future expenditures will be incurred by DEF, resulting in the completion of this project.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF submits GHG inventory data directly to EPA which does not require third party validation. Membership with The Climate Registry has been discontinued.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Mercury Total Daily Maximum Loads Monitoring (TMDL)
Project No. 13

Project Description:

Section 303(d) of the Federal Clean Water Act requires each state to identify state waters not meeting water quality standards and establish a TMDL for the pollutant or pollutants causing the failure to meet standards. Under a 1999 federal consent decree, TMDLs for over 100 Florida water bodies listed as impaired for mercury must be established by 9/12/12. The FDEP has initiated a research program to provide necessary information for setting appropriate TMDLs for mercury. Among other things, the study will assess the relative contributions of mercury-emitting sources, such as coal-fired power plants, to mercury levels in surface waters.

Project Accomplishments:

Atmospheric & Environmental Research, Inc (AER) completed the literature review on mercury deposition in Florida. This document was sent to the FDEP Division of Air Resource Management and the TMDL team for review in February 2009. In addition, the Florida Electric Power Coordinating Group (FCG) Mercury Task Force met with FDEP Division of Air Resource Management to discuss the review in January 2010. AER performed Florida mercury deposition modeling for the Division of Air Resource Management. The FCG Mercury Task Force contracted with Tetra Tech to conduct aquatic field sampling, including an aquatics modeling report, to develop a "Conceptual Model for the Florida Mercury TMDL." This document was finalized and submitted to the FDEP in December 2010. Key personnel from AER were employed by Environ in 2011 and FCG established a contract with Environ to ensure continuity of the project. FCG used Environ and Tetra Tech to review and critique FDEP's aquatic cycling and atmospheric modeling analyses. The FDEP developed a mercury TMDL report in the spring and summer of 2012, and it proposed a TMDL in September 2012. The EPA approved Florida's statewide mercury TMDL in a letter dated October 18, 2013. Florida's mercury TMDL covers 441 waters listed as impaired for mercury based on fish tissue mercury levels. EPA's approval letter states that if FDEP identifies any new waters to be listed as impaired for mercury, a new TMDL will not be required if the listing is caused by the factors addressed in the approved TMDL. Conversely, a new TMDL, addressing the newly listed water body, would be required if "local emission or effluent sources" are determined to be the cause of the elevated fish tissue levels that required the new listing.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

The mercury TMDL study concluded in 2012.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Hazardous Air Pollutants (HAPs) ICR Program
Project No. 14

Project Description:

In 2009, the EPA initiated efforts to develop an Information Collection Request (ICR), which requires that owners/operators of all coal- and oil-fired electric utility steam generating units provide information that will allow the EPA to assess emissions of hazardous air pollutants from each such unit. The intention of the ICR is to assist the Administrator of the EPA in developing national emission standards for hazardous air pollutants under Section 112(d) of the Clean Air Act, 42 U.S.C. 7412. Pursuant to those efforts, by letter dated 12/24/09, the EPA formally requested DEF comply with certain data collection and emissions testing requirements for several of its steam electric generating units. The EPA letter states that initial submittal of existing information must be made within 90 days, and that the remaining data must be submitted within 8 months. Collection and submittal of the requested information is mandatory under Section 114 of the Clean Air Act, 42 U.S.C. 7414.

Project Accomplishments:

DEF completed and submitted the ICR to EPA during 2010. The HAPS ICR project is complete.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF completed and submitted the ICR to EPA during 2010.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Effluent Limitation Guidelines ICR Program
Project No. 15

Project Description:

The Effluent Limitation Guidelines ICR Program was created in response to Section 304 of the Federal Clean Water Act which directs the EPA to develop and periodically review regulations, called effluent guidelines, to limit the amount of pollutants that are discharged to surface waters from various point source categories. 33 U.S.C. §13 14(b). In October 2009, the EPA announced that it intended to update the effluent guidelines for the steam electric power generating point source category, which were last updated in 1982. DEF is required to complete the ICR and submit responses to the EPA within 90 days. Collection and submittal of the requested information is mandatory under Section 308 of the Clean Water Act.

Project Accomplishments:

DEF completed and submitted the ICR to the EPA in September 2010. The Effluent Limitation Guidelines ICR Program is complete.

Project Fiscal Expenditures:

There are no 2019 estimated expenditures for this project.

Project Progress Summary:

DEF completed and submitted the ICR to EPA in September 2010.

Project Projections:

No 2020 expenditures are expected for this project.

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Project Title: Effluent Limitation Guidelines CRN Program
Project No. 15.1

Project Description:

On September 30th, 2015, U.S. Environmental Protection Agency finalized the Steam Electric Power Generating Effluent Guidelines, 40 CFR Part 423, imposing federal standards on several power plant streams that are discharged to surface water. In the final regulation, closed-loop systems or dry handling have been identified as the Best Available Technology ("BAT") for bottom ash transport water. Crystal River North Units 4 & 5 have a dry bottom ash system that utilizes dewatering bins for separation of bottom ash and water. However, the current configuration has the potential for bottom ash transport water to leave via overflows and drain into an NPDES internal outfall. Achieving the closed loop bottom ash compliance requirement is as soon as possible beginning November 1, 2018 but no later than December 31, 2023. Renewal of the Crystal River Units 4 & 5 NPDES permit is in progress and addresses this requirement. Duke Energy is seeking a compliance date of February 1, 2020 to include modification of the existing system.

Project Accomplishments:

DEF Initiated the first phase of ELG compliance activities necessary to comply with NPDES permit renewal. The remaining project scope is still on hold pending EPA Administrative Stay final decision.

Project Fiscal Expenditures:

The 2019 Capital forecast is \$1.8M.

Project Progress Summary:

The first phase of the project, which involves establishing a line from the Ash Sluice Pump Discharge to the FGD Filtrate tanks, and replace the old Sludge Return Pumps with dry seals, will complete construction in 2019 and closeout will continue into the first quarter 2020.

Project Projections:

2020 estimated O&M expenditures are \$40k, Capital is \$80k.

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Project Title: National Pollutant Discharge Elimination System (NPDES)
Project No. 16

Project Description:

Pursuant to the Federal Clean Water Act, 33 U.S.C. § 1342, all point source discharges to navigable waters from industrial facilities must obtain permits under the NPDES Program. The FDEP administers the NPDES program in Florida. DEF's Anclote, Bartow, and Crystal River North, Crystal River South, and Suwannee NPDES permits were issued on 11/25/2015, 1/5/2016, 7/18/11, 4/7/2014, and 10/6/2016, respectively. Crystal River North NPDES permit is in the renewal process. All facilities are required to meet new permitting conditions. In Docket No. 20110007-EI, the Commission approved recovery of costs associated with new requirements included or expected to be included in the new renewal permits, including: thermal studies, aquatic organism return studies and implementation, whole effluent toxicity testing, dissolved oxygen (DO) studies (Bartow only), and freeboard limitation related studies (Bartow only). As noted in DEF's 2/8/12 program update, on 12/14/11, the FDEP issued a final NPDES renewal permit and associated Administrative Order (AO) for the Suwannee Plant. The AO includes a new requirement to assess copper discharges that DEF did not anticipate when it filed its petition in 2011.

Project Accomplishments:

DEF continues to perform whole effluent toxicity testing, implementing initial 316(b) rule requirements based on NPDES permit schedules at affected facilities which includes literature review and analysis, additional field study, and reporting requirements in accordance to NPDES permit requirements. Bartow freeboard limitation study was completed in May 2011 and submitted to FDEP on 6/23/11. The FDEP approved DEF's corrective action plan and Bartow is in compliance with Administrative Order as of December 2014. The copper discharge study at the Suwannee plant has been completed and a final report was submitted to the FDEP in June 2014 resulting in a corrective action of retiring the steam units. The Suwannee plant retired Units 1, 2 and 3 in December 2016.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$26k. No capital expenditures are forecasted for 2019.

Project Progress Summary:

DEF has begun complying with the requirements of the NPDES permits. Aquatic organism return study requirements have been postponed to align with the final EPA 316(b) rule requirements (Bartow/Anclote Plants) which was published 8/15/14. The aquatic organism return requirement is not a requirement in the Crystal River North NPDES permit. The dissolved oxygen study of cooling water intake and discharge at the Bartow plant was completed and the results of the study demonstrated there is no negative impact on DO due to the plant's operation. The final DO report was submitted to the FDEP on November 20, 2012, and the Department has not required any additional action. The Suwannee Steam station was retired and removed from service; therefore, WET testing is no longer required.

Project Projections:

2020 estimated O&M expenditures are \$25k. No capital expenditures are expected in 2020.

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Project Title: Mercury & Air Toxic Standards (MATS) CR4 & CR5
Project No. 17

Project Description:

The Commission approved ECRC recovery of DEF's costs for compliance with new hazardous air pollutant standards at Crystal River Units 4 & 5 (CR4&5) in Order No. PSC-2011-0553-FOF-EI. The final MATS rule was issued by the EPA on 12/21/11. The FDEP granted a limited, one-year extension for the mercury-related requirements on 3/12/15. DEF will utilize the co-benefits of existing FGD and SCR systems as the primary MATS emission controls. CR4&5 have demonstrated compliance with all MATS requirements as of 4/16/16.

Project Accomplishments:

DEF installed oxidation-reduction potential (ORP) probes and mercury re-emission control systems for MATS emissions control. In addition, continuous emissions monitoring systems (CEMS) were installed for compliance demonstration with particulate matter (PM) and mercury emissions. Appendix K sorbent traps have been certified and maintained to serve as backup monitors for mercury CEMS.

Project Fiscal Expenditures:

2019 O&M expenditures are estimated to be \$163K.

Project Progress Summary:

Initial implementation of the CR4&5 MATS compliance plan is complete.

Project Projections:

2020 estimated O&M is \$598k. No capital expenditures are forecasted in 2020.

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Project Title: Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion
Project No. 17.1

Project Description:

Convert existing Anclote Units to use 100% natural gas to be in compliance with MATS as approved by the Commission in Order No. PSC-2012-0432-PAA-EI.

Project Accomplishments:

Unit 1 and Unit 2 gas conversions were completed 7/13/13 and 12/2/13, respectively. Unit 1 and Unit 2 Forced Draft (FD) fan modification work was completed 5/22/14 and 11/17/14, respectively.

Project Fiscal Expenditures:

No 2019 expenditures are expected for this project.

Project Progress Summary:

This project is in-service.

Project Projections:

No 2020 expenditures are expected for this project.

**DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
January 2020 - December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects**

Form 42-5P
Page 22 of 23

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness C. A. Menendez
REVISED CAM-5 - POD 2 Response
DEF's Response to Staff's 2nd PODs
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Project Title: Mercury & Air Toxic Standards (MATS) CR1 & CR2
Project No. 17.2

Project Description:

DEF implemented its CR1&2 MATS Compliance Plan as approved by the Commission in Order No. PSC-2014-0173-PAA-EI. CR1&2 have demonstrated compliance with all MATS requirements as of 4/16/2016.

Project Accomplishments:

DEF finalized its CR1&2 MATS Compliance Plan in December 2013 and began implementation in early 2014. Modifications were made to the electrostatic precipitators (ESPs) to improve particulate collection efficiency, and reagent injection systems were installed to reduce hydrogen chloride (HCl) and mercury emissions. Appendix K sorbent traps were installed for compliance demonstration with mercury emissions.

Project Fiscal Expenditures:

2019 O&M expenditures are expected to be \$45k.

Project Progress Summary:

CR1&2 have been retired.

Project Projections:

DEF does not expect to incur any capital expenditures or O&M costs in 2020.

**DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
January 2020 - December 2020
Description and Progress Report for
Environmental Compliance Activities and Projects**

Form 42-5P
Page 23 of 23

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness C. A. Menendez
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Project Title: Coal Combustion Residual (CCR) Rule
Project No. 18

Project Description:

The Coal Combustion Residual (CCR) Rule was published in the Federal Register on 4/17/15 and is effective 10/19/15. This rule regulates the disposal of CCR as non-hazardous solid waste, and contains new requirements for CCR landfills and CCR surface impoundments. It also specifies implementation guidelines for compliance. The CCR compliance deadlines vary, with compliance obligations required as early as 10/19/15. The rule is self-implementing, meaning that affected facilities must comply with the new regulations irrespective of whether the rule is adopted by the State of Florida. The rule has specific impacts on the ash landfill, Flue Gas Desulfurization (FGD) lined blowdown ponds and temporary gypsum pad at the Crystal River site. No other DEF operating facilities are impacted by the CCR rule.

Project Accomplishments:

Annual inspections were completed for the FGD Blowdown Ponds and Ash Landfill. Maintenance, vegetation management, and weekly inspections for the FGD Blowdown Ponds and Ash Landfill continue. Work started on dewatering and solids excavation for closure of the FGD Blowdown Ponds. The groundwater assessment project for the FGD Blowdown Ponds and Ash Landfill continued per the requirements of the rule.

Project Fiscal Expenditures:

2019 estimated O&M expenditures are \$2M. No capital spend is forecast for 2019.

Project Progress Summary:

Ash Landfill: Ground water monitoring well installation, data gathering, and analysis is being performed. Groundwater assessment results triggered an assessment of corrective measures study, nature and extent delineation study, and alternative source demonstration. These studies were completed in 2019 and DEF continues to evaluate corrective measures to be implemented to address statistically significant increases of certain constituents in groundwater.

FGD Blowdown Ponds: Dewatering and solids removal from the primary and backup FGD Blowdown Ponds were completed. Development of a closure plan for the FGD Blowdown pond is underway. Pond closure was substantially completed during 2019, and alternative source demonstration was completed to address statistically significant increases in certain constituents in groundwater.

Vegetation Management & Inspection Work: More frequent mowing and inspection work is being performed, to comply with the CCR Rule.

Project Projections:

2020 estimated O&M expenditures are \$241k, for the purposes on reponse to Staff Production of Documents Request 2, capital is forecasted to be \$0.

DEF-20190007-000124

20190007-EI Staff Hearing Exhibits 00215

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of the Energy & Demand Allocation % by Rate Class
January 2020 - December 2020

Form 42-SP

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED CAM-5 - PCID 2 Response
DEP's Response to Staff's 2nd POBs
Page 45 of 47

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	7(a)	(8)	(9)	(10)	(11)	(12)
Rate Class	Average 12CP Load Factor at Meter (%)	Sales at Meter (mWh)	Avg 12 CP at Meter (MW) (25/8760hrs x (2))	NCP Class Max Load Factor	Delivery Efficiency Factor	Sales at Source (Generation) (mWh) (9)(8)	Avg 12 CP at Source (MW) (3)(8)	Sales at Source (Distrib Svc Only) (mWh)	Class Max MW at Source Level (Distrib Svc) (7a)/(8760hrs x (9))	mWh Sales at Source Energy Allocator (%)	12CP Demand Transmission Allocator (%)	NCP Distribution Allocator (%)	12CP & 1/13 AD Demand Allocator (%)
Residential													
RS-1, RST-1, RSL-1, RSL-2, RSS-1													
Secondary	0.548	20,570,483	4,275.04	0.870	0.9356728	21,984,697	4,568.95	21,984,697	6,763.9	52.312%	60.038%	54.750%	59.444%
General Service Non-Demand													
GS-1, GST-1													
Secondary	0.576	2,111,508	417.57	0.451	0.9356728	2,256,673	446.28	2,256,673	569.4	5.370%	5.864%	5.451%	5.826%
Primary	0.576	20,599	4.07	0.451	0.9735768	21,158	4.18	21,158	5.3	0.050%	0.055%	0.051%	0.055%
Transmission	0.576	2,540	0.50	0.451	0.9835768	2,582	0.51	0	0.0	0.006%	0.007%	0.000%	0.007%
										5.426%	5.926%	5.502%	5.887%
General Service													
GS-2 Secondary	1.000	203,276	23.14	1.000	0.9356728	217,251	24.73	217,251	24.7	0.517%	0.325%	0.237%	0.340%
General Service Demand													
GSD-1, GSDT-1													
Secondary	0.742	11,560,312	1,772.76	0.626	0.9356728	12,355,079	1,894.63	12,355,079	2,247.0	29.399%	24.896%	21.510%	25.243%
Primary	0.742	2,210,723	339.01	0.626	0.9735768	2,270,723	348.21	2,270,723	413.0	5.403%	4.576%	3.953%	4.639%
Secondary Del/ Primary Mtr	0.742	27,874	4.27	0.626	0.9735768	28,631	4.39	28,631	5.2	0.068%	0.058%	0.050%	0.058%
Transm Del/ Primary Mtr	0.742	0	0.00	0.626	0.9735768	0	0.00	0	0.0	0.000%	0.000%	0.000%	0.000%
Transmission	0.742	0	0.00	0.626	0.9835768	0	0.00	0	0.0	0.000%	0.000%	0.000%	0.000%
SS-1													
Primary	0.796	32,819	4.69	0.324	0.9735768	33,710	4.82	33,710	11.9	0.080%	0.063%	0.113%	0.065%
Transm Del/ Transm Mtr	0.796	6,147	0.88	0.324	0.9835768	6,250	0.89	0	0.0	0.015%	0.012%	0.000%	0.012%
Transm Del/ Primary Mtr	0.796	1,889	0.27	0.324	0.9735768	1,940	0.28	0	0.0	0.005%	0.004%	0.000%	0.004%
										34.970%	29.608%	25.626%	30.021%
Curtailable													
CS-1, CST-1, CS-2, CST-2, SS-3													
Secondary	1.082	(0)	(0.00)	0.334	0.9356728	(0)	(0.00)	(0)	(0.0)	0.000%	0.000%	0.000%	0.000%
Primary	1.082	70,228	7.39	0.334	0.9735768	72,134	7.59	72,134	24.6	0.172%	0.100%	0.235%	0.105%
SS-3													
Primary	1.248	52,769	4.81	0.380	0.9735768	54,201	4.94	54,201	16.2	0.129%	0.065%	0.155%	0.070%
										0.301%	0.165%	0.391%	0.175%
Interruptible													
IS-1, IST-1, IS-2, IST-2													
Secondary	0.911	311,838	38.96	0.707	0.9356728	333,277	41.64	333,277	53.7	0.793%	0.547%	0.514%	0.566%
Sec Del/Primary Mtr	0.911	5,099	0.63	0.707	0.9735768	5,176	0.65	5,176	0.8	0.012%	0.008%	0.008%	0.009%
Primary Del/ Primary Mtr	0.911	1,146,956	143.29	0.707	0.9735768	1,178,085	147.18	1,178,085	189.7	2.803%	1.934%	1.816%	2.001%
Primary Del/ Transm Mtr	0.911	214	0.03	0.707	0.9835768	218	0.03	218	0.0	0.001%	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	0.911	374,835	46.83	0.707	0.9835768	381,094	47.61	0	0.0	0.907%	0.626%	0.000%	0.647%
Transm Del/ Primary Mtr	0.911	305,362	38.15	0.707	0.9735768	313,650	39.18	0	0.0	0.746%	0.515%	0.000%	0.533%
SS-2													
Primary	0.686	62,736	10.41	0.272	0.9735768	64,439	10.70	64,439	27.0	0.153%	0.141%	0.258%	0.142%
Transm Del/ Transm Mtr	0.686	38,936	6.46	0.272	0.9835768	39,586	6.57	0	0.0	0.094%	0.086%	0.000%	0.087%
Transm Del/ Primary Mtr	0.686	10,244	1.70	0.272	0.9735768	10,522	1.75	0	0.0	0.025%	0.023%	0.000%	0.023%
										5.535%	3.880%	2.536%	4.008%
Lighting													
LS-1 (Secondary)	10.191	369,250	4.12	0.479	0.9356728	394,635	4.41	394,635	93.8	0.939%	0.058%	0.898%	0.126%
		39,496,576	7,145.00			42,025,709	7,610.12	41,270,085	10,446.3	100.000%	100.000%	100.000%	100.000%

Notes: (1) Average 12CP load factor based on load research study filed July 31, 2018
(2) Projected kWh sales for the period January 2019 to December 2019
(3) Calculated: Column 2 / (8,760 hours x Column 1)
(4) NCP load factor based on load research study filed July 31, 2018
(5) Based on system average line loss analysis for 2018
(6) Column 2 / Column 5
(7) Column 3 / Column 5
(7a) Column 6 excluding transmission service
(8) Calculated: Column 7a / (8,784 hours/ Column 4)
(9) Column 6/ Total Column 6
(10) Column 7/ Total Column 7
(11) Column 8/ Total Column 8
(12) Column 9 x 1/13 + Column 10 x 12/13

DEF-20190007-000125

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Environmental Cost Recovery Clause Rate Factors by Rate Class
January 2020 - December 2020

Form 42-7P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED CAM-S - POD 2 Response
DEF's Response to Staff's 2nd PODs
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Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP Transmission Demand Allocator (%)	(3) NCP Distribution Allocator (%)	(4) 12CP & 1/13th AD Demand Allocator (%)	(5) Energy- Related Costs (\$)	(6) Transmission Demand Costs (\$)	(7) Distribution Demand Costs (\$)	(8) Production Demand Costs (\$)	(9) Total Environmental Costs (\$)	(10) Projected Effective Sales at Meter Level (mWh)	(11) Environmental Cost Recovery Factors (cents/kWh)
Residential											
RS-1, RST-1, RSL-1, RSL-2, RSS-1											
Secondary	52.312%	60.038%	64.750%	59.444%	\$14,124,531	\$137,165	\$89,003	\$1,994,864	\$16,285,062	20,570,483	0.079
General Service Non-Demand											
GS-1, GST-1											
Secondary										2,111,508	0.079
Primary										20,393	0.078
Transmission										2,489	0.077
TOTAL GS	5.426%	5.926%	5.502%	5.887%	\$1,465,100	\$13,539	\$7,563	\$191,586	\$1,677,788	2,134,390	
General Service											
GS-2 Secondary	0.517%	0.825%	0.297%	0.340%	\$139,578	\$743	\$325.44	\$11,056.26	\$151,702	203,276	0.075
General Service Demand											
GSD-1, GSDT-1, SS-1											
Secondary										11,560,312	0.076
Primary										2,250,572	0.075
Transmission										6,024	0.074
TOTAL GSD	34.970%	29.608%	25.626%	30.021%	\$9,441,968	\$67,644	\$35,225	\$976,911	\$10,521,748	19,816,908	
Curtailable											
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3											
Secondary										(0)	0.072
Primary										121,767	0.071
Transmission										-	0.071
TOTAL CS	0.301%	0.165%	0.391%	0.175%	\$81,166	\$376	\$597	\$5,699	\$87,779	121,767	
Interruptible											
IS-1, IST-1, IS-2, IST-2, SS-2											
Secondary										311,898	0.075
Primary										1,515,034	0.072
Transmission										405,705	0.072
TOTAL IS	5.585%	3.880%	2.596%	4.008%	\$1,494,417	\$8,865	\$3,569	\$130,413	\$1,637,263	2,237,577	
Lighting											
LS-1 Secondary	0.939%	0.058%	0.898%	0.126%	\$253,542	\$192	\$1,294.16	\$4,090.63	\$258,999	369,250	0.070
	100.000%	100.000%	100.000%	100.000%	\$27,000,301	\$228,464	\$197,456	\$3,254,120	\$30,620,341	39,448,550	0.078

Notes:

(1) From Form 42-6P, Column 9
(2) From Form 42-6P, Column 10
(3) From Form 42-6P, Column 11
(4) From Form 42-6P, Column 12
(5) Column 1 x Total Energy Jurisdictional Dollars from Form 42-1P, line 5
(6) Column 2 x Total Transmission Demand Jurisdictional Dollars from Form 42-1P, line 5
(7) Column 3 x Total Distribution Demand Jurisdictional Dollars from Form 42-1P, line 5
(8) Column 4 x Total Production Demand Jurisdictional Dollars from Form 42-1P, line 5
(9) Column 5 + Column 6 + Column 7 + Column 8
(10) Projected kWh sales at secondary voltage level for the period January 2020 to December 2020
(11) (Column 9 / Column 10)/10

DEF-20190007-000126

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Calculation of Projected Period Amount
January 2020 - December 2020

Capital Structure and Cost Rates

Form 42 8P

Docket No. 20190007-EI
Duke Energy Florida, LLC
Witness: C. A. Menendez
REVISED CAM-5 - POD 2 Response
DEF's Response to Staff's 2nd PODs
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Class of Capital	Retail	Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$	4,874,577,393	41.01%	0.10500	4.31%	5.77%
PS		-	0.00%	0.00000	0.00%	0.00%
LTD		4,845,025,196	40.77%	0.04701	1.92%	1.92%
STD		(59,426,995)	-0.50%	-0.00358	0.00%	0.00%
CD-Active		176,756,874	1.49%	0.02378	0.04%	0.04%
CD-Inactive		1,853,499	0.02%	0.00000	0.00%	0.00%
ADIT		2,026,313,275	17.05%	0.00000	0.00%	0.00%
FAS 109		-	0.00%	0.00000	0.00%	0.00%
ITC		19,805,922	0.17%	0.07715	0.01%	0.02%
Total	\$	11,884,905,162	100.00%		6.27%	7.74%
Total Debt					1.97%	1.97%
Total Equity					4.31%	5.77%

May 2019 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

Pursuant to the unopposed motion filed on August 21, 2019 in Docket Nos. 20190001, 20190002 and 20190007, DEF does not require the alternative calculation of WACC because the Limitation Provision in Treasury Regulation Section 1.167(l)-(h)(6)(i) is expected to be met.

DEF-20190007-000127

20190007-EI Staff Hearing Exhibits 00218

DEF's Letter Advising the
Commission of New
Environmental Project dated
July 3, 2019.

(Document No. 05320-2019)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 40
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: DEF's Letter Advising the
Commission of New Environmental Project
dated July 3, 2019.(Document No. 0...



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

July 3, 2019

VIA ELECTRONIC FILING

Adam J. Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: *Environmental Cost Recovery Clause; Docket No. 20190007-EI*

Dear Mr. Teitzman:

On behalf of Duke Energy Florida, LLC ("DEF"), I am writing to advise the Commission that at this time, DEF has identified the following new environmental project for which it intends to seek approval for cost recovery in the above-referenced on-going docket:

- **Crystal River Coal Combustion Residual ("CCR") Ash Landfill** - The Coal Combustion Residual ("CCR") Rule was previously approved for recovery through the Environmental Cost Recovery Clause ("ECRC") in Order No. PSC-2015-0536-FOF-EI. As explained in the prior testimonies of DEF Witness Miller in Docket 20150007-EI and DEF Witness Hill in Dockets 20170007-EI and 20180007-EI, the CCR landfill at the Crystal River complex required groundwater monitoring and, if necessary, corrective action. Based on results of groundwater analysis, additional actions are required per the Federal CCR Rule (40 C.F.R. Parts 257 & 261) ("Rule") to comply with groundwater assessment mandates. In accordance with 40 C.F.R. § 257.96(a), on January 14, 2019, an assessment of corrective measures ("ACM") was initiated. In accordance with 40 C.F.R. § 257.107(h)(8), the public was notified that an ACM report was developed. The final ACM report which lists and explains the options that DEF is evaluating has been posted to the publicly accessible CCR Rule Compliance Data and Information website for the Duke Energy Florida, LLC, Crystal River Energy Complex.

Based on the above timeline, as prescribed by the CCR Rule, DEF expects the selection of the compliance option(s) to occur as early as Q4 2019. As explained by DEF Witness Hill in last

Adam J. Teitzman
Re: *ECRC, Docket No. 20190007-EI*
July 3, 2019
Page Two

year's testimony, DEF will incur costs in 2019 and 2020 related to initial design, permitting, and preliminary engineering associated with the evaluation of compliance options as well as some potential preliminary engineering and design work on the selected option(s). DEF will include these costs in the 2019 Actual/Estimated and 2020 Projection Filings, as applicable. DEF will update the Commission on the selected compliance option(s), including project timeline and initial cost projections, in Docket 20200007-EI.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/cw

CERTIFICATE OF SERVICE

Docket No. 20190007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 3rd day of July, 2019.

/s/ Matthew R. Bernier

Attorney

<p>Charles Murphy / Ashley Weisenfeld Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 cmurphy@psc.state.fl.us aweisenf@psc.state.fl.us</p> <p>J. Beasley / J. Wahlen / M. Means Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com mmeans@ausley.com</p> <p>Steven R. Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 srg@beggslane.com</p> <p>Russell A. Badders Gulf Power Company One Energy Place Pensacola, FL 32520 russell.badders@nexteraenergy.com</p> <p>Holly Henderson Gulf Power Company 215 S. Monroe St., Ste. 618 Tallahassee, FL 32301 holly.henderson@nexteraenergy.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com mqualls@moylelaw.com</p>	<p>Maria Moncada Florida Power & Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 maria.moncada@fpl.com</p> <p>J.R. Kelly / P. Christensen / C. Rehwinkel / T. David / S. Morse Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us david.tad@leg.state.fl.us morse.stephanie@leg.state.fl.us</p> <p>Ms. Paula K. Brown Tampa Electric Company Regulatory Affairs P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com</p> <p>James W. Brew / Laura A. Wynn Stone Law Firm 1025 Thomas Jefferson Street, N.W. Eighth Floor, West Tower Washington, DC 20007 jbrew@smxblaw.com law@smxblaw.com</p> <p>George Cavros 120 E. Oakland Park Blvd., Ste. 105 Fort Lauderdale, FL 33334 george@cavros-law.com</p> <p>Kenneth Hoffman Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 ken.hoffman@fpl.com</p>
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TECO's response to Staff's
First Set of Interrogatories No.
1.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 41
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Penelope Rusk (1)

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental
Cost Recovery Clause

)
)

DOCKET NO. 20190007-EI
FILED: April 9, 2019

TAMPA ELECTRIC COMPANY'S
ANSWERS TO FIRST SET OF INTERROGATORIES (NO. 1)
OF
FLORIDA PUBLIC SERVICE COMMISSION STAFF

Tampa Electric files this its Answers to Interrogatories (No. 1) propounded and served on March 20, 2019, by the Florida Public Service Commission Staff.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
INDEX TO STAFF'S FIRST SET OF INTERROGATORIES (NO. 1)

<u>Number</u>	<u>Witness</u>	<u>Subject</u>	<u>Bates Stamped Page</u>
1	Rusk	For each of the six solar projects, please complete the following tables.	1

Penelope Rusk
Manager, Rates

Tampa Electric Company
702 N. Franklin Street
Tampa, Florida 33602

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 1 OF 10
FILED: APRIL 9, 2019**

TECO Solar Report

Please refer to TECO's Solar Plant Operation Status Report for January 2019, filed in this Docket on March 5, 2019, (Document No. 01680-2019) for the following question.

1. For each of the six solar projects, please complete the following tables.

Solar Project Name	
	Projected Net Generation (MWh)
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

Solar Project Name			
	NG Displaced (MCF)	Oil Displaced (Bbl)	Coal Displaced (Ton)
Projected for a year			

Solar Project Name							
	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)			
Projected for a year							

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 2 OF 10
FILED: APRIL 9, 2019

Solar Project Name		
Projected Peak Day Performance		
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)
1:00 AM		
2:00 AM		
3:00 AM		
4:00 AM		
5:00 AM		
6:00 AM		
7:00 AM		
8:00 AM		
9:00 AM		
10:00 AM		
11:00 AM		
12:00 PM		
1:00 PM		
2:00 PM		
3:00 PM		
4:00 PM		
5:00 PM		
6:00 PM		
7:00 PM		
8:00 PM		
9:00 PM		
10:00 PM		
11:00 PM		
12:00 AM		

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 3 OF 10
FILED: APRIL 9, 2019**

A. The data requested for the six solar projects is included in the following tables.

Projected Net Generation:

2019	Projected Net Generation (MWh)					
	Balm	Payne Creek	Lithia	Grange Hall	Peace Creek	Bonnie Mine
January	11,010	10,360	10,650	8,620	7,900	5,500
February	11,540	10,940	11,610	9,810	8,980	6,120
March	16,350	15,720	17,250	14,110	12,800	8,660
April	18,000	17,010	17,960	14,890	13,550	9,220
May	19,020	17,990	19,100	15,610	14,120	9,500
June	16,570	15,410	16,240	13,340	12,120	8,230
July	16,090	14,850	15,550	12,430	11,110	7,440
August	15,760	15,340	16,530	13,860	12,690	8,400
September	12,770	12,050	12,730	10,340	9,180	6,380
October	13,280	12,370	13,000	10,630	9,460	6,410
November	11,320	10,760	11,410	9,250	8,570	5,630
December	9,970	9,380	10,040	8,240	7,500	5,120

Fuel Displacement:

2019 Annual Projection	NG Displaced (MCF)	Oil Displaced (Bbl)	Coal Displaced (Ton)
Balm	546,694	0	41,351
Payne Creek	516,443	0	39,063
Lithia	1,210,655	0	4,403
Grange Hall	992,966	0	3,612
Peace Creek	900,445	0	3,275
Bonnie Mine	609,373	0	2,216

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 4 OF 10
FILED: APRIL 9, 2019**

Emission Reductions:

2019 Annual Projection	CO2 Reductions (Tons)	Nox Reductions (Tons)	SO2 Reductions (Tons)	Hg Reductions (lbs)
Balm	82,406	18.9	17.2	0.05
Payne Creek	77,846	17.8	16.2	0.05
Lithia	82,594	18.9	17.2	0.05
Grange Hall	67,742	15.5	14.1	0.04
Peace Creek	61,430	14.1	12.8	0.04
Bonnie Mine	41,573	9.5	8.7	0.03

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
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Projected Peak Day Performance:

Balm			
2019 Projected Peak Day Performance			
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)*	Summer Peak Day (kW) (August)*
1:00 AM	-	-	-
2:00 AM	-	-	-
3:00 AM	-	-	-
4:00 AM	-	-	-
5:00 AM	-	-	-
6:00 AM	-	-	-
7:00 AM	920	12,500	6,450
8:00 AM	26,830	44,920	37,960
9:00 AM	41,250	61,220	63,890
10:00 AM	48,880	67,580	70,270
11:00 AM	44,640	72,640	70,940
12:00 PM	49,050	68,440	72,710
1:00 PM	37,470	70,500	70,310
2:00 PM	33,430	71,320	72,670
3:00 PM	19,890	58,260	26,150
4:00 PM	9,080	60,110	19,820
5:00 PM	6,750	46,120	29,070
6:00 PM	-	48,290	16,540
7:00 PM	-	12,880	4,660
8:00 PM	-	-	-
9:00 PM	-	-	-
10:00 PM	-	-	-
11:00 PM	-	-	-
12:00 AM	-	-	-

* Tampa Electric's Summer Peak is in August; therefore August Peak Day data has been provided as well as the July data requested.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 6 OF 10
FILED: APRIL 9, 2019**

Payne Creek			
2019 Projected Peak Day Performance			
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)*	Summer Peak Day (kW) (August)*
1:00 AM	-	-	-
2:00 AM	-	-	-
3:00 AM	-	-	-
4:00 AM	-	-	-
5:00 AM	-	-	-
6:00 AM	-	-	-
7:00 AM	900	12,060	6,300
8:00 AM	25,820	43,370	36,630
9:00 AM	39,170	58,950	61,430
10:00 AM	46,540	65,080	67,460
11:00 AM	42,720	68,680	67,870
12:00 PM	47,260	65,970	68,710
1:00 PM	36,420	67,750	67,590
2:00 PM	32,570	68,130	68,720
3:00 PM	19,390	56,320	25,270
4:00 PM	8,800	58,120	19,170
5:00 PM	6,550	44,650	28,170
6:00 PM	-	46,610	16,030
7:00 PM	-	12,460	4,820
8:00 PM	-	-	-
9:00 PM	-	-	-
10:00 PM	-	-	-
11:00 PM	-	-	-
12:00 AM	-	-	-

* Tampa Electric's Summer Peak is in August; therefore August Peak Day data has been provided as well as the July data requested.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
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Lithia			
2019 Projected Peak Day Performance			
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)*	Summer Peak Day (kW) (August)*
1:00 AM	-	-	-
2:00 AM	-	-	-
3:00 AM	-	-	-
4:00 AM	-	-	-
5:00 AM	-	-	-
6:00 AM	-	-	-
7:00 AM	9,820	13,290	13,630
8:00 AM	35,970	37,350	46,710
9:00 AM	57,610	52,030	65,300
10:00 AM	57,810	56,440	71,580
11:00 AM	56,300	64,450	70,790
12:00 PM	55,050	69,060	66,220
1:00 PM	55,420	72,120	72,040
2:00 PM	56,940	74,500	74,300
3:00 PM	57,820	68,130	74,500
4:00 PM	43,630	50,760	72,140
5:00 PM	14,640	56,690	65,570
6:00 PM	-	44,370	46,940
7:00 PM	-	21,000	14,480
8:00 PM	-	1,390	-
9:00 PM	-	-	-
10:00 PM	-	-	-
11:00 PM	-	-	-
12:00 AM	-	-	-

* Tampa Electric's Summer Peak is in August; therefore August Peak Day data has been provided as well as the July data requested.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
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FILED: APRIL 9, 2019**

Grange Hall			
	2019 Projected Peak Day Performance		
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)*	Summer Peak Day (kW) (August)*
1:00 AM	-	-	-
2:00 AM	-	-	-
3:00 AM	-	-	-
4:00 AM	-	-	-
5:00 AM	-	-	-
6:00 AM	-	-	-
7:00 AM	640	9,750	4,640
8:00 AM	20,420	34,210	28,950
9:00 AM	32,890	49,600	51,730
10:00 AM	39,040	54,700	56,740
11:00 AM	35,820	59,270	57,300
12:00 PM	39,610	55,440	59,190
1:00 PM	30,420	56,960	56,880
2:00 PM	27,090	57,550	59,150
3:00 PM	16,000	47,160	21,120
4:00 PM	7,010	48,590	15,950
5:00 PM	4,920	37,190	23,420
6:00 PM	-	36,770	12,940
7:00 PM	-	10,010	3,450
8:00 PM	-	-	-
9:00 PM	-	-	-
10:00 PM	-	-	-
11:00 PM	-	-	-
12:00 AM	-	-	-

* Tampa Electric's Summer Peak is in August; therefore August Peak Day data has been provided as well as the July data requested.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 9 OF 10
FILED: APRIL 9, 2019**

Peace Creek			
	2019 Projected Peak Day Performance		
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)*	Summer Peak Day (kW) (August)*
1:00 AM	-	-	-
2:00 AM	-	-	-
3:00 AM	-	-	-
4:00 AM	-	-	-
5:00 AM	-	-	-
6:00 AM	-	-	-
7:00 AM	670	7,840	4,150
8:00 AM	18,740	31,460	26,580
9:00 AM	29,900	45,030	46,950
10:00 AM	35,530	49,790	51,620
11:00 AM	32,640	53,600	51,960
12:00 PM	36,150	50,580	53,080
1:00 PM	27,880	51,820	51,740
2:00 PM	24,910	52,200	53,020
3:00 PM	14,830	43,170	19,360
4:00 PM	6,450	44,530	14,650
5:00 PM	4,330	34,170	21,560
6:00 PM	-	33,860	11,990
7:00 PM	-	9,240	3,430
8:00 PM	-	-	-
9:00 PM	-	-	-
10:00 PM	-	-	-
11:00 PM	-	-	-
12:00 AM	-	-	-

* Tampa Electric's Summer Peak is in August; therefore August Peak Day data has been provided as well as the July data requested.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIRST SET OF
INTERROGATORIES
INTERROGATORY NO. 1
PAGE 10 OF 10
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Bonnie Mine			
2019 Projected Peak Day Performance			
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)*	Summer Peak Day (kW) (August)*
1:00 AM	-	-	-
2:00 AM	-	-	-
3:00 AM	-	-	-
4:00 AM	-	-	-
5:00 AM	-	-	-
6:00 AM	-	-	-
7:00 AM	-	-	-
8:00 AM	7,740	4,510	14,960
9:00 AM	2,140	29,190	28,000
10:00 AM	10,670	22,830	32,610
11:00 AM	21,510	23,570	34,360
12:00 PM	20,730	30,740	35,070
1:00 PM	20,170	35,530	35,090
2:00 PM	23,510	35,510	35,020
3:00 PM	27,340	25,210	28,570
4:00 PM	17,450	15,610	6,090
5:00 PM	4,070	33,020	17,540
6:00 PM	-	29,510	12,230
7:00 PM	-	-	2,010
8:00 PM	-	4,420	-
9:00 PM	-	-	-
10:00 PM	-	-	-
11:00 PM	-	-	-
12:00 AM	-	-	-

* Tampa Electric's Summer Peak is in August; therefore August Peak Day data has been provided as well as the July data requested.

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared Penelope Rusk who deposed and said that she is Manager, Rates, Tampa Electric Company, and that the individuals listed in Tampa Electric Company's response to Staff's First Set of Interrogatories, (No. 1) prepared or assisted with the responses to these interrogatories to the best of her information and belief.

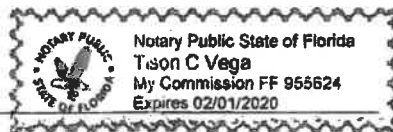
Dated at Tampa, Florida this 9th day of April, 2019.

Penelope Rusk

Sworn to and subscribed before me this 9th day of April, 2019.

T. C. V.

My Commission expires _____



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TECO's response to Staff's
Second Set of Interrogatories
No. 2.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 42
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Penelope Rusk (2)

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental
Cost Recovery Clause

)
)

DOCKET NO. 20190007-EI
FILED: MAY 30, 2019

TAMPA ELECTRIC COMPANY'S
ANSWERS TO SECOND SET OF INTERROGATORIES (NO. 2)
OF
FLORIDA PUBLIC SERVICE COMMISSION STAFF

Tampa Electric files this its Answers to Interrogatories (No. 2) propounded and served on April 30, 2019, by the Florida Public Service Commission Staff.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
INDEX TO STAFF'S SECOND SET OF INTERROGATORIES (NO. 2)

<u>Number</u>	<u>Witness</u>	<u>Subject</u>	<u>Bates Stamped Page</u>
1	Rusk	For the Lake Hancock solar project, please complete the following tables.	1

Penelope Rusk
Manager, Rates

Tampa Electric Company
702 N. Franklin Street
Tampa, Florida 33602

TECO Solar Report

Please refer to TECO's Solar Plant Operation Status Report dated April 22, 2019, for the following question.

- 1. For the Lake Hancock solar project, please complete the following tables.**

Solar Project Name	
	Projected Net Generation (MWh)
January	
February	
March	
April	
May	
June	
July	
August	
September	
October	
November	
December	

Solar Project Name			
	NG Displaced (MCF)	Oil Displaced (Bbl)	Coal Displaced (Ton)
Projected for a year			

Solar Project Name				
	CO ₂ Reductions (Tons)	Nox Reductions (Tons)	SO ₂ Reductions (Tons)	Hg Reductions (lbs)
Projected for a year				

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S SECOND SET OF
INTERROGATORIES
INTERROGATORY NO. 2
PAGE 2 OF 4
FILED: MAY 30, 2019**

Solar Project Name		
Projected Peak Day Performance		
Time of Day	Winter Peak Day (kW) (January)	Summer Peak Day (kW) (July)
1:00 AM		
2:00 AM		
3:00 AM		
4:00 AM		
5:00 AM		
6:00 AM		
7:00 AM		
8:00 AM		
9:00 AM		
10:00 AM		
11:00 AM		
12:00 PM		
1:00 PM		
2:00 PM		
3:00 PM		
4:00 PM		
5:00 PM		
6:00 PM		
7:00 PM		
8:00 PM		
9:00 PM		
10:00 PM		
11:00 PM		
12:00 AM		

A. The requested information is provided in the following tables.

Lake Hancock	
2019	Projected Net Generation (MWh)
January	7,290
February	8,230
March	11,440
April	12,230
May	12,540
June	10,620
July	9,930
August	10,960
September	8,540
October	8,490
November	7,390
December	6,680

2019 Annual Projection	NG Displaced (MCF)	Oil Displaced (Bbl)	Coal Displaced (Tons)
Lake Hancock	804,476	0	2,926

2019 Annual Projection	CO ₂ Reductions (Tons)	NO _x Reductions (Tons)	SO ₂ Reductions (Tons)	Hg Reductions (lb)
Lake Hancock	54,883	12.6	11.4	0.03

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S SECOND SET OF
INTERROGATORIES
INTERROGATORY NO. 2
PAGE 4 OF 4
FILED: MAY 30, 2019**

Lake Hancock			
2019 Projected Peak Day Performance			
Time of Day	Winter Peak Day (kW) January	Summer Peak Day (kW) July*	Summer Peak Day (kW) August*
1:00 AM	-	-	-
2:00 AM	-	-	-
3:00 AM	-	-	-
4:00 AM	-	-	-
5:00 AM	-	-	-
6:00 AM	-	-	-
7:00 AM	640	7,110	3,910
8:00 AM	17,050	28,600	24,180
9:00 AM	25,810	38,810	40,460
10:00 AM	30,620	42,890	44,510
11:00 AM	28,090	48,240	44,970
12:00 PM	31,080	43,500	47,650
1:00 PM	23,980	44,770	44,700
2:00 PM	21,460	45,340	47,420
3:00 PM	12,840	37,160	16,690
4:00 PM	5,850	38,360	12,670
5:00 PM	4,110	29,470	18,620
6:00 PM	-	30,730	10,620
7:00 PM	-	8,260	3,040
8:00 PM	-	-	-
9:00 PM	-	-	-
10:00 PM	-	-	-
11:00 PM	-	-	-
12:00 AM	-	-	-

* Tampa Electric's Summer Peak is in August; therefore, August Peak Day data has been provided as well as the July data requested.

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

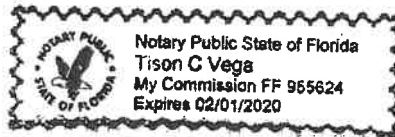
Before me the undersigned authority personally appeared Penelope Rusk who
deposed and said that she is Manager, Rates, Tampa Electric Company, and that the
individuals listed in Tampa Electric Company's response to Staff's Second Set of
Interrogatories, (No. 2) prepared or assisted with the responses to these interrogatories to
the best of her information and belief.

Dated at Tampa, Florida this 29th day of May, 2019.

Penelope Rusk

Sworn to and subscribed before me this 29th day of May, 2019.

T. C. Vega



My Commission expires _____

43

**TECO's response to Staff's
Third Set of Interrogatories
Nos. 3-7.**

**Additional files contained on
Staff Hearing Exhibits CD for
No. 7.**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 43
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Penelope Rusk (3-7)

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental
Cost Recovery Clause

)
)

DOCKET NO. 20190007-EI
FILED: JULY 22, 2019

TAMPA ELECTRIC COMPANY'S
ANSWERS TO THIRD SET OF INTERROGATORIES (NO. 3-7)
OF
FLORIDA PUBLIC SERVICE COMMISSION STAFF

Tampa Electric files this its Answers to Interrogatories (No. 3-7) propounded and served on July 1, 2019, by the Florida Public Service Commission Staff.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
INDEX TO STAFF'S THIRD SET OF INTERROGATORIES (NO. 3-7)

<u>Number</u>	<u>Witness</u>	<u>Subject</u>	<u>Bates Stamped Page</u>
3	Rusk	<p>Please refer to TECO witness Penelope A. Rusk's testimony, filed April 1, 2019, Exhibit No. PAR-1, Form 42-4A. Please explain in detail the reason for the operation and maintenance (O&M) cost variance for the following projects.</p> <ol style="list-style-type: none"> Please explain in detail the reason for the variance of \$8,727, or 22655.8% in (Line 1.l), Big Bend Unit 1 Pre-SCR. Please explain in detail the reason for the variance of \$16,820, or 1160.0% (Line 1.m), Big Bend Unit 2 Pre-SCR. Please explain in detail the reason for the variance of \$10,130, or 226% (Line 1.n.), Big Bend Unit 3 Pre-SCR. Please explain in detail the reason for the variance of -\$33,750, or -45.5% (Line 1.o), Clean Water Act Section 316(b) Phase II Study. Please explain in detail the reason for the variance of \$30,602, or 80.0% (Line 1.x), Coal Combustion Residuals (CCR) Rule. 	1
4	Rusk	Please refer to witness Rusk's testimony dated April 1, 2019, Exhibit No. PAR-1, Form 42-6A. Please explain in detail the reason for the capital investment project Coal Combustion Residuals (CCR-Phase II) cost variance of \$3,741, or 162.7% (Line 1.aa).	3
5	Rusk	Please refer to witness Rusk's testimony dated April 1, 2019, page 8, lines 3 – 4. The witness states that there were no significant cost variances related to capital investment projects. Please explain in detail what TECO considers to be "significant" when evaluating cost variances.	4
6	Rusk	Please refer to witness Rusk's testimony dated April 1, 2019, Exhibit No. PAR-1, Form 42-5A. Please explain in detail the reason why the operation and maintenance (O&M) cost for the following activities was negative in August. As part of your response, please complete the table below.	5

7	Rusk	Please refer to witness Rusk's testimony dated April 1, 2019, Exhibit No. PAR-1, Forms 42-4A and 42-6A. For each O&M and Capital project, please list the order number approving that project, as well as the date of approval.	7
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Penelope Rusk
Director, Regulatory Affairs

Tampa Electric Company
702 N. Franklin Street
Tampa, Florida 33602

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 3
PAGE 1 OF 2
FILED: JULY 22, 2019**

- 3.** Please refer to TECO witness Penelope A. Rusk's testimony, filed April 1, 2019, Exhibit No. PAR-1, Form 42-4A. Please explain in detail the reason for the operation and maintenance (O&M) cost variance for the following projects.
- a. Please explain in detail the reason for the variance of \$8,727, or 22655.8% in (Line 1.l), Big Bend Unit 1 Pre-SCR.
 - b. Please explain in detail the reason for the variance of \$16,820, or 1160.0% (Line 1.m), Big Bend Unit 2 Pre-SCR.
 - c. Please explain in detail the reason for the variance of \$10,130, or 226% (Line 1.n.), Big Bend Unit 3 Pre-SCR.
 - d. Please explain in detail the reason for the variance of -\$33,750, or -45.5% (Line 1.o), Clean Water Act Section 316(b) Phase II Study.
 - e. Please explain in detail the reason for the variance of \$30,602, or 80.0% (Line 1.x), Coal Combustion Residuals (CCR) Rule.
- A.** The projections are based on typical annual maintenance costs; however, the need for the maintenance is always determined at or about the time the work is scheduled based on the condition of the equipment. If the work is needed, it will be performed as scheduled. Depending upon conditions found when the work is performed, additional maintenance work may be required. If it is not performed at that time, it may be deferred to a future date when it is required.
- a. Upon inspection, it was determined that the Big Bend Unit 1 SCR project equipment required additional material and maintenance including the calibration, inspection and repair of the economizer O₂ probes. The additional work was performed.
 - b. Upon inspection, it was determined that the Big Bend Unit 2 SCR project equipment required additional material and maintenance including the calibration, inspection and repair of the economizer O₂ probes. The additional work was performed.
 - c. Upon inspection, it was determined that the Big Bend Unit 3 SCR project equipment required additional material and maintenance including the calibration, inspection and repair of the economizer O₂ probes. The additional work was performed.
 - d. The variance in expenditures associated with the Clean Water Act Section 316(b) Phase II Study is due to timing. The final NPDES permits from FDEP were received later than expected, which caused a delay in project activity.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 3
PAGE 2 OF 2
FILED: JULY 22, 2019**

- e. The variance in expenditures associated with the Coal Combustion Residuals (CCR) Rule is due to timing. Activities related to establishing groundwater monitoring wells at the Economizer Ash Pond and analysis in preparation of a final closure plan were performed earlier than projected.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 4
PAGE 1 OF 1
FILED: JULY 22, 2019**

- 4.** Please refer to witness Rusk's testimony dated April 1, 2019, Exhibit No. PAR-1, Form 42-6A. Please explain in detail the reason for the capital investment project Coal Combustion Residuals (CCR-Phase II) cost variance of \$3,741, or 162.7% (Line 1.aa).

- A.** Regarding the CCR Rule Phase II Project, timing accounted for the difference between \$342,600 in actual capital spending versus \$115,595 estimated spending, leading to the \$3,741 return/recovery amount. Expenditures related to the rerouting of ash pond discharge lines were performed earlier than anticipated in order to better facilitate the ash removal.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 5
PAGE 1 OF 1
FILED: JULY 22, 2019**

- 5.** Please refer to witness Rusk's testimony dated April 1, 2019, page 8, lines 3 – 4. The witness states that there were no significant cost variances related to capital investment projects. Please explain in detail what TECO considers to be "significant" when evaluating cost variances.

- A.** Tampa Electric considers project cost variances between actual and estimates/projections that are greater than 5 percent and \$50,000 (plus or minus) to be significant.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 6
PAGE 1 OF 2
FILED: JULY 22, 2019**

6. Please refer to witness Rusk's testimony dated April 1, 2019, Exhibit No. PAR-1, Form 42-5A. Please explain in detail the reason why the operation and maintenance (O&M) cost for the following activities was negative in August. As part of your response, please complete the table below.

Form 42-5A Line	O&M Activity	Actual – August	Explanation:
1.a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	-\$15,879	
1.q.	Big Bend 1 SCR	-\$122	
1.r.	Big Bend 2 SCR	-\$8,199	
1.s.	Big Bend 3 SCR	-\$12,731	
1.t.	Big Bend 4 SCR	-\$171,414	
1.x.	Coal Combustion Residual (CCR) Rule – Phase I	-\$1,568	

- A. Please see the completed table below.

Form 42-5A Line	O&M Activity	Actual – August	Explanation:
1.a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	(\$15,879)	Expenditures related to structural steel replacement initially were recorded as O&M expenses. Subsequently, it was determined that the costs should have been classified as capital; and therefore, they were reclassified.
1.q.	Big Bend 1 SCR	(\$122)	Expenses related to legal services for an OSHA Ammonia incident initially were recorded as ECRC O&M expenses and allocated to the four Big Bend SCR units. The costs should have been recorded as non-ECRC O&M expenses and therefore were reclassified. The credit also was allocated among the four Big Bend SCR units.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 6
PAGE 2 OF 2
FILED: JULY 22, 2019**

Form 42-5A Line	O&M Activity	Actual – August	Explanation:
1.r.	Big Bend 2 SCR	(\$8,199)	Expenses related to legal services for an OSHA Ammonia incident initially were recorded as ECRC O&M expenses and allocated to the four Big Bend SCR units. The costs should have been recorded as non-ECRC O&M expenses and therefore were reclassified. The credit also was allocated among the four Big Bend SCR units.
1.s.	Big Bend 3 SCR	(\$12,731)	Expenses related to legal services for an OSHA Ammonia incident initially were recorded as ECRC O&M expenses and allocated to the four Big Bend SCR units. The costs should have been recorded as non-ECRC O&M expenses and therefore were reclassified. The credit also was allocated among the four Big Bend SCR units.
1.t.	Big Bend 4 SCR	(\$171,414)	Expenses related to legal services for an OSHA Ammonia incident initially were recorded as ECRC O&M expenses and allocated to the four Big Bend SCR units. The costs should have been recorded as non-ECRC O&M expenses and therefore were reclassified. The credit also was allocated among the four Big Bend SCR units.
1.x.	Coal Combustion Residual (CCR) Rule – Phase I	(\$1,568)	The reversal of the July accrual of estimated expenses, which were greater than August expenses, resulted in a credit to ECRC O&M expenses.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S THIRD SET OF
INTERROGATORIES
INTERROGATORY NO. 7
PAGE 1 OF 2
FILED: JULY 22, 2019**

- 7.** Please refer to witness Rusk's testimony dated April 1, 2019, Exhibit No. PAR-1, Forms 42-4A and 42-6A. For each O&M and Capital project, please list the order number approving that project, as well as the date of approval.

- A.** The attached Excel file, (BS 8) ECRC 2018 True-up - IRR No. 7 includes two tabs, the first shows Form 42-4A, and the second shows Form 42-6A. Columns G and H have been added to each tab to include the order number and date of order for each project, as requested.

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared Penelope Rusk who
deposed and said that she is Director, Regulatory Affairs, Tampa Electric Company, and
that the individuals listed in Tampa Electric Company's response to Staff's Third Set of
Interrogatories, (Nos. 3 -7) prepared or assisted with the responses to these interrogatories
to the best of her information and belief.

Dated at Tampa, Florida this 21st day of July, 2019.

Penelope Rusk

Sworn to and subscribed before me this 21st day of July, 2019.

Sana Terzic



My Commission expires _____

44

TECO's response to Staff's
Fourth Set of Interrogatories
Nos. 8-10.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 44
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Penelope Rusk (8-10)

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

**In re: Environmental Cost Recovery)
Clause)**

**DOCKET NO. 20190007-EI
FILED: SEPTEMBER 17, 2019**

**TAMPA ELECTRIC COMPANY'S
ANSWERS TO FOURTH SET OF INTERROGATORIES (NOS. 8-10)
OF
FLORIDA PUBLIC SERVICE COMMISSION STAFF**

Tampa Electric files this its Answers to Interrogatories (No. 8-10) propounded and served on August 28, 2019, by the Florida Public Service Commission Staff.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
INDEX TO STAFF'S FOURTH SET OF INTERROGATORIES (NOS. 8-10)

<u>Number</u>	<u>Witness</u>	<u>Subject</u>	<u>Bates Stamped Page</u>
8	Rusk	Please refer to TECO witness Penelope A. Rusk's direct testimony, filed on July 26, 2019, Exhibit No. PAR-2, Form 42-4E. For the operation and maintenance project Big Bend Unit 3 Pre-SCR on Line 1n, please explain in detail the reason for the cost variance of \$11,525 or 192.1%.	1
9	Rusk	Please refer to witness Rusk's direct testimony, filed on July 26, 2019, page 7, lines 4 – 12, at the Clean Water Act Section 316(b) Phase II Study Program project bullet point. Has the National Pollutant Discharge Elimination System permit renewal for Big Bend Station been finalized? If not, please explain in detail the reason for the delay, and please identify the estimated permit renewal completion date.	2
10	Rusk	Please refer to witness Rusk's direct testimony, filed on July 26, 2019, Exhibit No. PAR-2, Form 42-6E. For the capital investment project Big Bend Coal Combustion Residuals Rule - Phase II on line 1aa, please explain in detail the reason for the cost variance of \$17,072 or 71.0%.	3

Penelope Rusk
Director, Regulatory Affairs

Tampa Electric Company
702 N. Franklin Street
Tampa, Florida 33602

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FOURTH SET OF
INTERROGATORIES
INTERROGATORY NO. 8
PAGE 1 OF 1
FILED: SEPTEMBER 17, 2019**

- 8.** Please refer to TECO witness Penelope A. Rusk's direct testimony, filed on July 26, 2019, Exhibit No. PAR-2, Form 42-4E. For the operation and maintenance project Big Bend Unit 3 Pre-SCR on Line 1n, please explain in detail the reason for the cost variance of \$11,525 or 192.1%.
- A.** During a routine inspection it was determined that the Big Bend Unit 3 Pre-SCR O₂ probes needed to be repaired, and the work was performed.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FOURTH SET OF
INTERROGATORIES
INTERROGATORY NO. 9
PAGE 1 OF 1
FILED: SEPTEMBER 17, 2019**

- 9.** Please refer to witness Rusk's direct testimony, filed on July 26, 2019, page 7, lines 4 – 12, at the Clean Water Act Section 316(b) Phase II Study Program project bullet point. Has the National Pollutant Discharge Elimination System permit renewal for Big Bend Station been finalized? If not, please explain in detail the reason for the delay, and please identify the estimated permit renewal completion date.
- A.** The National Pollutant Discharge Elimination System permit is still under review. To date, Tampa Electric has provided all requested information to the Florida Department of Environmental Protection ("FDEP"). FDEP has not yet provided an estimated completion date.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FOURTH SET OF
INTERROGATORIES
INTERROGATORY NO. 10
PAGE 1 OF 1
FILED: SEPTEMBER 17, 2019**

- 10.** Please refer to witness Rusk's direct testimony, filed on July 26, 2019, Exhibit No. PAR-2, Form 42-6E. For the capital investment project Big Bend Coal Combustion Residuals Rule - Phase II on line 1aa, please explain in detail the reason for the cost variance of \$17,072 or 71.0%.
 - A.** The variance is due to a higher actual Non-Interest Bearing CWIP beginning balance in January 2019 in the Actual/Estimate filing (submitted in July 2019) when compared to the January 2019 projected Non-interest Bearing CWIP beginning balance (submitted in August 2018). The variance in expenditures for July through December 2018, estimated versus actual, was due to timing of the available data for the projection filing regarding the completion of the company's Project Scope Approval process, workflow, and approval for the work to be done. As a result, project activity began earlier than originally expected, leading to the higher actual Non-Interest Bearing CWIP balance at the beginning of 2019.

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared Penelope Rusk who deposed and said that she is Director, Regulatory Affairs, Tampa Electric Company, and that she prepared or oversaw the preparation of responses to Staff's Fourth Set of Interrogatories, (Nos. 8-10).

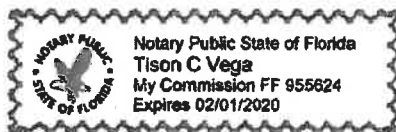
Dated at Tampa, Florida this 16th day of September, 2019.

Penelope Rusk

Sworn to and subscribed before me this 16th day of September, 2019.

[Signature]

My Commission expires _____



45

TECO's response to Staff's
Fifth Set of Interrogatories Nos.
11-15.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 45
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Paul Carpinone
(11-12)Penelope Rusk (13-15)

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery)
Clause)

DOCKET NO. 20190007-EI
FILED: OCTOBER 11, 2019

TAMPA ELECTRIC COMPANY'S
ANSWERS TO FIFTH SET OF INTERROGATORIES (NOS. 11-15)
OF
FLORIDA PUBLIC SERVICE COMMISSION STAFF

Tampa Electric files this its Answers to Interrogatories (No. 11-15) propounded and served on September 27, 2019, by the Florida Public Service Commission Staff.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
INDEX TO STAFF'S FIFTH SET OF INTERROGATORIES (NOS. 11-15)

<u>Number</u>	<u>Witness</u>	<u>Subject</u>	<u>Bates Stamped Page</u>
11	Carpinone	Please refer to witness Paul L. Carpinone's direct testimony, filed August 30, 2019, page 2, lines 20-25, and page 3, line 11. a. Please identify the date(s) when the Consent Final Judgment and the Consent Decree were terminated. b. Please identify the date when the Big Bend Title V operating permit (0570039-110-AV) was issued.	1
12	Carpinone	Please refer to witness Carpinone's direct testimony, filed August 30, 2019, page 11, lines 11-25, and page 12, lines 1-2, and 18-19. Please clarify whether the estimated operation and maintenance expenses for the Big Bend Unit 1 Section 316(b) Impingement Mortality project are \$40,000, or are zero.	2
13	Rusk	Please refer to witness Penelope A. Rusk's August 30, 2019 testimony, page 3, lines 20-25, and TECO witness Carpinone's August 30, 2019 testimony, page 23, lines 2-5. Please verify whether TECO included any new or additional environmental compliance projects for ECRC cost recovery for the period from January 2020 through December 2020.	3
14	Rusk	Please identify what the 2020 ECRC residential bill impact is for 1,000 KWh, and for 1,200 KWh.	4
15	Rusk	Please identify what the 2020 ECRC percentage of the total residential monthly bill is for 1,000 KWh, and for 1,200 KWh.	5

Penelope Rusk
Director, Regulatory Affairs

Paul Carpinone
Director, Environmental

Tampa Electric Company
702 N. Franklin Street
Tampa, Florida 33602

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIFTH SET OF
INTERROGATORIES
INTERROGATORY NO. 11
PAGE 1 OF 1
FILED: OCTOBER 11, 2019**

- 11.** Please refer to witness Paul L. Carpinone's direct testimony, filed August 30, 2019, page 2, lines 20-25, and page 3, line 11.
- a.** Please identify the date(s) when the Consent Final Judgment and the Consent Decree were terminated.
 - b.** Please identify the date when the Big Bend Title V operating permit (0570039-110-AV) was issued.
- A.**
- a.** The Consent Decree was terminated on November 22, 2013. The Consent Final Judgement was terminated on May 6, 2015.
 - b.** The Big Bend Title V operating permit was issued on November 7, 2017.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIFTH SET OF
INTERROGATORIES
INTERROGATORY NO. 12
PAGE 1 OF 1
FILED: OCTOBER 11, 2019**

- 12.** Please refer to witness Carpinone's direct testimony, filed August 30, 2019, page 11, lines 11-25, and page 12, lines 1-2, and 18-19. Please clarify whether the estimated operation and maintenance expenses for the Big Bend Unit 1 Section 316(b) Impingement Mortality project are \$40,000, or are zero.
- A.** Tampa Electric has two projects related to the Clean Water Act Section 316(b). The first, the Clean Water Act Section 316(b) Phase II Study (Docket No. 20041300-EI, Order No. 2005-0164-PAA-EI) is associated with the study being performed to determine the appropriate actions to take for each of Tampa Electric generating units, if applicable, in order to comply with the rule. The O&M costs for the study that are expected to be incurred in 2020 are approximately \$40,000. The second project, for the Big Bend Unit 1 Section 316(b) Impingement Mortality project (Docket No. 2018007-EI, Order No. PSC2018-0594-FOF-EI), relates to implementation of specific compliance measures at Big Bend Unit 1 to reduce impingement mortality. There are no O&M costs anticipated for the Big Bend Unit 1 Section 316(b) Impingement Mortality Project in 2020.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIFTH SET OF
INTERROGATORIES
INTERROGATORY NO. 13
PAGE 1 OF 1
FILED: OCTOBER 11, 2019**

- 13.** Please refer to witness Penelope A. Rusk's August 30, 2019 testimony, page 3, lines 20-25, and TECO witness Carpinone's August 30, 2019 testimony, page 23, lines 2-5. Please verify whether TECO included any new or additional environmental compliance projects for ECRC cost recovery for the period from January 2020 through December 2020.
- A.** As stated in witness Rusk's testimony, Tampa Electric has not included any new projects for cost recovery in its projection of the 2020 ECRC. Likewise, witness Carpinone does not reference new projects. In the summary of his testimony, on page 23, lines 2-5, where he refers to "other projects that are required by Tampa Electric to meet environmental requirements," he is referring to all existing projects, other than those related to the FDEP and EPA Settlement Agreements, which he addressed in the beginning of his summary paragraph.

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIFTH SET OF
INTERROGATORIES
INTERROGATORY NO. 14
PAGE 1 OF 1
FILED: OCTOBER 11, 2019**

- 14.** Please identify what the 2020 ECRC residential bill impact is for 1,000 KWh, and for 1,200 KWh.
- A.** The proposed 2020 residential bill impacts for 1,000 kWh and 1,200 kWh are shown in the tables below.

Residential Customer 1,000 kWh:

Year	ECRC Charge	Change
	\$	
2019	2.22	
2020	2.44	0.22

Residential Customer 1,200 kWh:

Year	ECRC Charge	Change
	\$	
2019	2.66	
2020	2.93	0.26

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20190007-EI
STAFF'S FIFTH SET OF
INTERROGATORIES
INTERROGATORY NO. 15
PAGE 1 OF 1
FILED: OCTOBER 11, 2019**

15. Please identify what the 2020 ECRC percentage of the total residential monthly bill is for 1,000 KWh, and for 1,200 KWh.

A. The proposed 2020 ECRC charge as a percentage of the total residential monthly bill for 1,000 kWh and 1,200 kWh are shown in the tables below.

Residential Customer 1,000 kWh:

Year	Bill	ECRC Charge	Percentage of Bill
	\$		
2020	102.52	2.44	2%

Residential Customer 1,200 kWh:

Year	Bill	ECRC Charge	Percentage of Bill
	\$		
2020	123.02	2.93	2%

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared Paul Carpinone who deposed and said that he is Director, Environmental, Tampa Electric Company, and that he prepared or oversaw the preparation of responses to Staff's Fifth Set of Interrogatories, (Nos. 11-12).

Dated at Tampa, Florida this 11 day of October, 2019.

Paul Carpinone

Sworn to and subscribed before me this 11th day of October, 2019.

Sana Terzic



My Commission expires _____

A F F I D A V I T

STATE OF FLORIDA)
)
COUNTY OF HILLSBOROUGH)

Before me the undersigned authority personally appeared Penelope Rusk who deposed and said that she is Director, Regulatory Affairs, Tampa Electric Company, and that she prepared or oversaw the preparation of responses to Staff's Fifth Set of Interrogatories, (Nos. 13-15).

Dated at Tampa, Florida this 11th day of October, 2019.

Penelope Rusk

Sworn to and subscribed before me this 11th day of October, 2019.

Jan Tund



My Commission expires _____

46

Gulf's response to Staff's First Set of Interrogatories Nos. 1-9.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 46
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Shane Boyett (1-2)Richard
Markey (3-9)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION


In re: Environmental Cost
Recovery Clause

)
)
)
Docket No. 20190007-EI

GULF POWER COMPANY'S RESPONSES TO
STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-9)

GULF POWER COMPANY ("Gulf Power", "Gulf", or "the Company"), by and
through its undersigned counsel, hereby submits the Company's responses to
Staff's First Set of Interrogatories (Nos. 1-9) on the following pages.

Respectfully submitted by electronic mail the 22nd day of July, 2019.


RUSSELL A. BADDERS
VP & ASSOCIATE GENERAL COUNSEL
Florida Bar No. 007455
GULF POWER COMPANY
One Energy Place
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(850) 444-6550

STEVEN R. GRIFFIN
Florida Bar No. 0627569
BEGGS & LANE
P. O. Box 12950
Pensacola FL 32591-2950
(850) 432-2451
Attorneys for Gulf Power Company

1. Please refer to Gulf witness C. Shane Boyett's testimony, filed April 1, 2019, Exhibit CSB-1, Schedule 8A, page 26. Please describe in detail how the amount for "CWIP – Non Interest Bearing" was calculated for the month of March, 2018.

ANSWER:

The CWIP – Non Interest Bearing balance for March 2018 includes an adjustment of \$373,085 which represents three months of expenditures for PE 1551 Daniel Scrubber that were inadvertently excluded from ECRC CWIP until discovered and corrected.

The calculation takes the prior month balance and adds or subtracts current month activity depending on the component. The calculation is presented below:

Prior month CWIP-Non Interest Bearing balance	\$ 9,229,081
+ expenditures that have not cleared to plant in service	\$ 3,251,900
- any additions that have cleared to plant in service	\$ 193,701
+ adjustment for Dec. 17 – Feb. 18 expenditures omitted	\$ 373,085
Ending CWIP-Non Interest Bearing balance	\$12,660,365

2. Please refer to witness Boyett's testimony, filed April 1, 2019, Exhibit CSB-1, Schedule 8A, page 28. Please describe in detail how the amount for "Less: Accumulated Depreciation" was calculated for the month of July, 2018.

ANSWER:

Accumulated depreciation for July 2018 includes an adjustment of \$5,324. The adjustment represents a correction to reverse four months of depreciation expense on a non-depreciable (Land) asset.

The calculation takes the prior month balance and adds or subtracts current month activity depending on the component. The calculation is presented below:

Prior month accumulated depreciation	\$(36,718,736)
- depreciation expense	\$ 4,944
- amortization expense	\$ 0
- dismantlement expense	\$ 54,862
+ cost of removal	\$ 0
- salvage	\$ 0
+retirements	\$ 0
+ adjustment	\$ 5,324
Ending balance accumulated depreciation	\$(36,773,216)

3. Please refer to Gulf witness Richard M. Markey's testimony, filed April 1, 2019, page 3, lines 1-8. Witness Markey stated that rainfall due to Hurricane Michael "resulted in capital costs being less than projected." Please identify whether the capital costs were incurred at a lower than projected cost, or if the costs were not incurred in 2018, but were delayed until 2019.

ANSWER:

Certain costs originally projected in 2018 were delayed until 2019 because work was unable to be completed due to Hurricane Michael related rainfall and cleanup work necessary due to the extreme rainfall event.

4. Please refer to witness Markey's testimony, filed April 1, 2019, page 4, lines 1-8. Please describe in detail the nature of the Continuous Emissions Monitoring System port repairs required for Crist Units 4 & 5.

ANSWER:

As required by 40 CFR 75 for emission monitoring and also for scrubber operation, the Crist 4 and 5 stack is equipped with flow measurement systems. The measurement system uses ultrasonic transponders located on the inner stack and accessible from the outer stack. A flow port consisting of a four-inch diameter pipe with flanges is used to provide access from the outer stack and allow the flow device to be located on the inner stack. Debris from the upper portion of the stack hit the ports, causing damage to the pipe sections and some of the flow components. Because these flow ports are located between the inner and outer stacks, and at elevations without internal platform access, a specialized chimney contractor was required to perform the repairs.

5. Please refer to witness Markey's testimony, filed April 1, 2019, page 4, lines 10-20. Please explain in detail why the Plant Crist wastewater permit compliance and renewal O&M costs were less than projected.

ANSWER:

The 2018 cost estimate included an estimate for additional studies and support related to the Plant Crist industrial wastewater permit renewal; however, additional studies were not ultimately required in 2018, resulting in costs being lower than projected. The industrial wastewater permit issued in March 2019 requires Plant Crist to submit a thermal plan of study by August 25, 2019, after consultation with FDEP and FWC on requirements for the study.

6. Please refer to witness Markey's testimony, filed April 1, 2019, page 5, lines 18-25.
 - a. Please explain in detail why the Plant Crist petroleum storage tank integrity testing expenses were greater than projected.
 - b. Please identify who performs the petroleum storage tank integrity testing for Plant Crist.

ANSWER:

- a. The cost estimate included in Gulf's estimated true-up filing for the Plant Crist storage tank integrity testing did not include costs associated with in-service robotic inspections for two 100,000-gallon diesel tanks. The robotic inspection costs were included in a separate proposal from the storage tank contractor and were inadvertently omitted from the cost projection.
- b. The 2018 storage tank integrity testing for Plant Crist was performed by API 653 and STI SP001, certified tank inspectors employed by Tank Engineering.

7. Please refer to witness Markey's testimony, filed April 1, 2019, page 6, lines 1-16.
- a. Please describe in detail the maintenance work on the gypsum storage area that was required to place the sediment pond and associated piping back in-service.
 - b. Please explain in detail why the costs associated with the Crist Unit 7 MATS testing and tuning and the scrubber booster motor replacement were greater than originally projected.

ANSWER:

- a. During the second half of 2018, Plant Crist completed maintenance work on the gypsum storage area. The work included removing the internal gypsum dike system from around the gypsum pond decant structure and French drain to resume water flow from the gypsum pond to the sediment pond. The piping between the ponds was cleaned out, and bladders blocking flow through the pipe were removed. Demobilization activities were completed, including removing temporary pumps and piping, as well as regrading gravel roadways once temporary piping was removed.
- b. MATS testing and tuning are required every three years and following boiler outages. The Crist Unit 7 MATS testing and tuning was performed earlier than originally planned because the testing and tuning was due before the next planned outage in 2020. The scrubber booster motor replacement was performed earlier than originally planned based on condition-based monitoring (CBM) testing which indicated the booster rebuild work was needed for motor and scrubber reliability. These efforts resulted in the costs being greater than originally projected.

8. Please refer to witness Boyett's testimony, filed April 1, 2019, Exhibit CSB-1, page 4. Please explain in detail the variances for State NPDES Administration (line item 1.8), Sodium Injection (line item 1.16), and Smith Water Conservation (line item 1.24) programs.

ANSWER:

The State NPDES Administration variance represents a timing difference that resulted from paying the annual industrial wastewater permit fees for Plants Crist, Smith, and Scholz in December 2018 rather than early 2019

The sodium injection system includes a silo storage system and associated components that inject a sodium additive directly onto the coal feeder belt to enhance precipitator performance when burning low sulfur coal. The expenses Plant Crist incurs for sodium injection are dependent on the amount of coal burned, the available coal supply, and the necessity for sodium injection. The need for sodium injection was less than what was projected for July-December 2018.

The Smith Water Conservation costs were less than projected because the chemical usage associated with underground injection control (UIC) system was less than originally anticipated.

9. Please refer to witness Boyett's testimony, filed April 1, 2019, Exhibit CSB-1, page 5. Please explain in detail the reason(s) for the following discrepancies.
- a. A decrease in the O&M costs for General Water Quality (line item 1.6) in May, 2018, from April, 2018.
 - b. A decrease in O&M costs for Groundwater Contamination Investigation (line item 1.7) in December, 2018, from November, 2018.
 - c. A decrease in O&M costs for FDEP NOx Reduction Agreement (line item 1.19) in March, 2018, from February, 2018.
 - d. A decrease in O&M costs for Crist Water Conservation (line item 1.22) in April, 2018, from March, 2018.
 - e. An increase in O&M costs for Smith Water Conservation (line item 1.24) in March, 2018, from February, 2018.

ANSWER:

- a. The May 2018 General Water Quality expense was negative due to an April 2018 accrual reversal.
- b. The decrease in the Groundwater Contamination Investigation expenses in December 2018 was associated with reversal of a November accrual.
- c. The decrease in O&M costs for the FDEP NOx Reduction Agreement in March 2018 was due to a February 2018 accrual that was subsequently reversed in March 2018.
- d. The decrease in April 2018 O&M costs is due to the March 2018 accrual estimates exceeding the actual invoice amounts.
- e. The increase in March 2018 expenses for the Smith Water Conservation line item was associated with preparing the Underground Injection Control (UIC) FDEP permit application and associated permit fees.

DECLARATION

I sponsored the answer to Interrogatory Nos. 1-2 from **STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-9)** to Gulf Power Company in Docket No. 20190007-EI.

The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

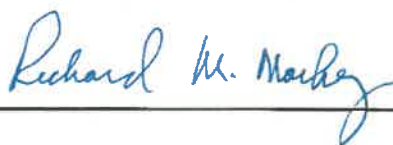
C. Share Boyett
Date: July 19, 2019

DECLARATION

I sponsored the answer to Interrogatory Nos. 3-9 from **STAFF'S FIRST SET OF INTERROGATORIES (NOS. 1-9)** to Gulf Power Company in Docket No. 20190007-EI.

The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Date: 7/18/19

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: **Environmental Cost**)
Recovery Clause)

Docket No.: 20190007-EI

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true copy of the foregoing was furnished by electronic mail this 22nd day of July, 2019 to the following:

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Attorneys for Gulf Power

47

**Gulf's response to OPC's First
Set of Interrogatories Nos. 1-4.**

**Additional files contained on
Staff Hearing Exhibits CD for
Nos. 1-4.**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 47
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Richard Markey (1-4)

1. Regarding Plant Victor J. Daniel Electric Generating Facility in Jackson County, Mississippi ("Plant Daniel"), at any point within the next 5 years does Gulf intend to retire, decommission, de-rate, close, or take any other action with respect to this plant? If the answer to the foregoing is anything other than an unqualified 'No,' please explain the intended action or actions, including the timeline on which such action(s) will occur.

ANSWER:

Gulf Power has notified Mississippi Power of its intention to retire Gulf Power's 50 percent undivided interest in Plant Daniel on January 15, 2024.

2. Regarding Plant Daniel, at any point within the next 5 years does Gulf intend to retire, decommission, de-rate, close or take any other action that is likely to result in an increase or reduction in the environmental costs of Gulf's operation and/or ownership of Plant Daniel? If the answer to the foregoing is anything other than an unqualified 'No,' please explain in detail the intended action or actions, including the timeline on which such action(s) will occur.

ANSWER:

Gulf Power has notified Mississippi Power of its intention to retire Gulf Power's 50 percent undivided interest in Plant Daniel on January 15, 2024. Gulf expects its annual ECRC O&M expenses associated with Plant Daniel to decrease by approximately \$3 million after retiring its ownership interest in the plant.

3. Does Gulf anticipate taking any other action similar to that described by Mississippi Power Company in its public filing attached hereto as **Exhibit A** that is likely to result in an increase or reduction in the environmental costs of Gulf's operation and/or ownership of Plant Daniel? If the answer to the foregoing is anything other than an unqualified 'No,' please explain the intended action or actions, including the timeline on which such action(s) will occur.

ANSWER:

Yes, Gulf is seeking ECRC recovery of costs associated with Gulf's ownership portion of the Daniel CCR projects. As explained in Gulf's ECRC projection filing, Plant Daniel must cease placing CCR and non-CCR waste streams into the ash pond no later than October 31, 2020, in accordance with the Federal CCR rule. New wastewater treatment and ash handling systems are required for the waste streams currently being routed to the pond (bottom ash and low volume wastewater) prior to the October 31, 2020 deadline. The Unit 1 and Unit 2 dry bottom ash conversion projects are scheduled to be placed in-service during 2020. Plant Daniel also plans to begin work on a temporary wastewater treatment system that will provide treatment for low volume wastewater streams while the plant closes and repurposes the bottom ash pond to serve as a low volume wastewater treatment pond. The pond closure project is currently scheduled to be completed in early 2022, and the new low volume wastewater treatment system is expected to be completed mid-year 2022.

4. Please provide an estimate of the anticipated costs, or range of costs, that Gulf expects to incur as a result of each action or actions contemplated in the answers to Interrogatories Nos. 1-3, above, with regard to Plant Daniel. Include the estimate of those costs, or range of costs, that Gulf intend to seek recovery for from its ratepayers.

ANSWER:

A summary of the Plant Daniel CCR compliance costs for 2019-2026 are provided below. Costs represent Gulf's ownership portion of Plant Daniel.

Plant Daniel	Total
Bottom Ash Conversion Projects	\$23,850,000
Low Volume Wastewater Management	\$21,950,000
Ash Pond Closure	\$14,550,000
Ash Pond Post Closure Care	\$ 2,200,000
TOTAL	\$62,550,000

DECLARATION

I sponsored the answer to Interrogatory Nos. 1-4 from **CITIZENS' FIRST SET OF INTERROGATORIES (NOS. 1-4)** to Gulf Power Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Date: 9-10-19

**Gulf's response to OPC's First
Request for Production of
Documents Nos. 1-4.**

**Additional files contained on
Staff Hearing Exhibits CD for
Nos. 1-4.**

1. Please produce copies of documents that support your answer to OPC's Interrogatory No. 1, served contemporaneously herewith.

ANSWER:

Please see page 2 of this response.



Marlene Santos
President

BY OVERNIGHT DELIVERY

January 15, 2019

Mr. Anthony Wilson
Chairman, President and CEO
Mississippi Power Company
P. O. Box 3079
Gulfport, MS 39502

Re: Plant Daniel Retirement Notice

Dear Mr. Wilson:

In accordance with Section 12.02(a) of that certain Amended and Restated Plant Daniel Operating Agreement, dated as of January 1, 2019, by and between Mississippi Power Company (MPC) and Gulf Power Company (GPC), we hereby notify you of our intention to retire GPC's fifty percent (50%) undivided interest in Plant Daniel on January 15, 2024 or such earlier time as GPC and MPC mutually agree, it being the desire of GPC to retire its interest as early as practicable.

Please feel free to contact me directly with any questions.

Sincerely,

A handwritten signature in blue ink that reads 'Msantos'.

2. Please produce copies of documents that support your answer to OPC's Interrogatory No. 2, served contemporaneously herewith.

ANSWER:

The following responsive electronic document is attached. Please see the file titled, "Plant Daniel ECRC OM Summary.xls". The 2021 and beyond cost projections are preliminary estimates subject to change.

3. Please produce copies of documents that support your answer to OPC's Interrogatory No. 3, served contemporaneously herewith.

ANSWER:

Please see page 9 of Gulf Witness Richard M. Markey's testimony in Docket No. 20190007-EI 2020 Projection Filing submitted to the Commission on August 30, 2019 for the support to Interrogatory No. 3.

4. Please produce copies of documents that support your answer to OPC's Interrogatory No. 4, served contemporaneously herewith.

ANSWER:

The following responsive electronic document is attached. Please see the file titled, "CCR Cash Flow – preliminary 08282019.xls".

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Gulf's response to Staff's
Second Set of Interrogatories
Nos. 10-12.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 49
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Richard Markey (10-11)Shane
Boyett (12)



September 17, 2019

Ms. Ashley Weisenfeld, Attorney
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

RE: Docket No. 20190007-EI

Dear Ms. Weisenfeld:

Attached is Gulf Power Company's response to Staff's Second Set of Interrogatories (Nos. 10-12) in the above-referenced docket.

Sincerely,

A handwritten signature in blue ink that reads 'C. Shane Boyett'.

C. Shane Boyett
Regulatory, Forecasting and Pricing Manager

md

Attachments

cc: Gulf Power Company
Russell Badders, Esq., VP & Associate General Counsel
Beggs & Lane

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost
Recovery Clause

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Docket No. 20190007-EI

GULF POWER COMPANY'S RESPONSES TO
STAFF'S SECOND SET OF INTERROGATORIES (NOS. 10-12)

GULF POWER COMPANY ("Gulf Power", "Gulf", or "the Company"), by and
through its undersigned counsel, hereby submits the Company's responses to
Staff's Second Set of Interrogatories (Nos. 10-12) on the following pages.

Respectfully submitted by electronic mail the 17th day of September, 2019.



RUSSELL A. BADDERS
VP & ASSOCIATE GENERAL COUNSEL
Florida Bar No. 007455
GULF POWER COMPANY
One Energy Place
Pensacola, FL 32520-0100
(850) 444-6550

STEVEN R. GRIFFIN
Florida Bar No. 0627569
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Pensacola FL 32591-2950
(850) 432-2451
Attorneys for Gulf Power Company

10. Please refer to Gulf witness C. Shane Boyett's direct testimony, filed July 26, 2019, Exhibit CSB-2, Schedule 4E.
- a. For the Above Ground Storage Tanks program at line 1.12, please explain in detail the reason for the variance of \$29,183 or 31.5 percent.
 - b. For the Lead and Copper Rule program at line 1.9, and the Sodium Injection program at line 1.16, please explain in detail why O&M expenses were projected for 2019, but have not been incurred.

ANSWER:

- a. The variance is primarily due to costs incurred during first quarter 2019 to replace underground containment sumps at four district office locations. The sumps are part of the diesel fuel storage tank systems that are regulated by FDEP. The sump replacements were required due to failed hydrostatic tests that were performed after Gulf submitted its 2019 ECRC Projection Filing.
- b. The projected lead and copper expenses were for a phosphate additive required for the former Plant Smith potable water system that was replaced during the first half of 2019. The new drinking water system does not require phosphate treatment. At the time Gulf submitted its 2019 ECRC Projection Filing, the Company was not aware the new system would not require phosphate treatment.

The projected sodium injection expenses were associated with the Plant Crist sodium injection system. The need for sodium injection is based on the sulfur content of the coal utilized at Plant Crist. During the first half of 2019, Plant Crist did not have a need for sodium injection, and the plant is not projecting the need for sodium injection for the remainder of 2019.

11. Please refer to witness Boyett's direct testimony, filed July 26, 2019, Exhibit CSB-2, Schedule 6E. For the 316(b) Cooling Water Intake Structure Regulation program at line 1.30, please explain in detail the reason for the variance of \$24,326, or -43.3 percent.

ANSWER:

The variance is due to delays in the timing of projected expenditures for the Plant Smith 316(b) cooling water intake project. Gulf plans to install new lower capacity intake pumps at Plant Smith for 316(b) compliance. In Gulf's 2019 ECRC Projection filing, costs associated with ordering the new pumps were projected in the February-March 2019 timeframe; however, the project was delayed due to final design review and design modifications. The pumps are now expected to be ordered in the October 2019 timeframe.

12. Please refer to witness Boyett's direct testimony, filed July 26, 2019, Schedule 8E, pages 28-30. For the Coal Combustion Residuals, Steam Electric Effluent Limitations Guidelines, and 316(b) Intake Structure Regulation programs, please explain in detail how the "Debt Component" amounts were calculated for September 2019.

ANSWER:

In each month, the debt component is calculated by taking the average net investment and multiplying it by the applicable debt portion of the weighted average cost of capital (WACC). Due to a spreadsheet error, the monthly debt rate for September was inadvertently mapped to the month of January on pages 28 through 30. Correcting the estimated September debt component costs resulted in an increase of \$1,157 in "Total Jurisdictional Recoverable Costs" for the affected programs.

DECLARATION

I sponsored the answer to Interrogatory Nos. 10-11 from **STAFF'S SECOND SET OF INTERROGATORIES (NOS. 10-12)** to Gulf Power Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Date: 9/13/19

DECLARATION

I sponsored the answer to Interrogatory No. 12 from **STAFF'S SECOND SET OF INTERROGATORIES (NOS. 10-12)** to Gulf Power Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

Shane Bayett

Date: 9/13/19

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Gulf's response to Staff's Third Set of Interrogatories Nos. 13- 17.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 50
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Richard Markey (13-15)Shane
Boyett (16-17)



Gulf Power®

October 17, 2019

Ms. Ashley Weisenfeld, Attorney
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

RE: Docket No. 20190007-EI

Dear Ms. Weisenfeld:

Attached is Gulf Power Company's response to Staff's Third Set of Interrogatories (Nos. 13-17) in the above-referenced docket.

Sincerely,

C. Shane Boyett
Regulatory, Forecasting and Pricing Manager

md

Attachments

cc: Gulf Power Company
Russell Badders, Esq., VP & Associate General Counsel
Beggs & Lane

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION


In re: Environmental Cost
Recovery Clause

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Docket No. 20190007-EI

GULF POWER COMPANY'S RESPONSES TO
STAFF'S THIRD SET OF INTERROGATORIES (NOS. 13-17)

GULF POWER COMPANY ("Gulf Power", "Gulf", or "the Company"), by and
through its undersigned counsel, hereby submits the Company's responses to
Staff's Third Set of Interrogatories (Nos. 13-17) on the following pages.

Respectfully submitted by electronic mail the 17th day of October, 2019.


RUSSELL A. BADDERS
VP & ASSOCIATE GENERAL COUNSEL
Florida Bar No. 007455
GULF POWER COMPANY
One Energy Place
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(850) 432-2451
Attorneys for Gulf Power Company

13. Please refer to witness Richard M. Markey's direct testimony filed August 30, 2019, page 4, lines 10-12, for the following questions.
- Please identify each of the O&M and capital expenditures for component activities that comprise the projected 2020 expenditures of \$10,153,027 for the Crist Closed Ash Landfill (CAL) project.
 - For each estimated capital expenditure and O&M expense related to the Crist CAL project, please describe in detail how Gulf developed its estimates. As part of your answer, please identify and describe each of the sources relied on for each estimate.

ANSWER:

- A summary of the projected 2020 capital expenditures from the Crist Closed Ash Landfill project is provided in Table 1. Gulf has not projected O&M costs associated with the project in 2020; however, future O&M costs are expected after the project is completed in the 2021-2022 timeframe.
- The cost estimates were developed by Gulf Power and Golder Associates. The companies based the Crist Closed Ash Land project estimates on their working knowledge and cost estimates from similar projects recently completed or currently under construction. Golder Associates is the engineer of record that prepared the plan of study and engineering report for the project.

Table 1: Projected 2020 Capital Expenditures
 for Crist Closed Ash Landfill

Plant Crist Closed Ash Landfill Cost Projection	
Geotechnical Studies, Engineering Evaluation, and Preliminary Design	2,270,027
Detailed Engineering Design	204,716
Site Preparation and Preliminary Work	2,886,915
Clearing, Grubbing, and Site Grading	1,536,870
Excavation and Material Handling	415,025
Water Management During Construction	1,978,470
Rip-rap for drainage ditch and other stormwater management	102,375
Subgrade preparation and final grading	125,268
Construction Quality Assurance	633,360
Subtotal	10,153,027

14. Please refer to witness Markey's direct testimony filed August 30, 2019, page 3, lines 4-7.
- a. Please identify whether the costs of the Crist closed ash landfill were recovered through the ECRC, some other cost recovery mechanism, or through base rates.
 - b. Please identify the Order approving the closure of the Crist closed ash landfill.

ANSWER:

- a. The costs incurred to-date to comply with the Florida Department Environmental Protection (FDEP) Order 17-1224 have been recorded to a preliminary design and investigation account (deferred debit). These costs are not currently being recovered through Environmental Cost Recovery Cost (ECRC), base rates or any other cost recovery mechanism until such time as the costs are either expensed or moved to plant if eligible to capitalize. At that time, Gulf proposes to include the costs in its ECRC revenue requirement and recover the costs through ECRC rates.
- b. FDEP Order 17-1224 requires Gulf to complete FDEP approved rehabilitation actions for the Crist closed ash landfill by July 23, 2023. In a letter dated August 28, 2019, FDEP approved the Crist closed ash landfill corrective actions.

15. Please refer to witness Markey's direct testimony filed August 30, 2019, page 7, lines 14-25, page 8, lines 1-4, and page 9, lines 8-19, for the following questions.
- a. Please describe what "coal combustion residuals" (CCR) are, and how they are generated.
 - b. Please describe what "bottom ash" is, and how it is generated.
 - c. Please describe the Plant Daniel ash pond.
 - d. Please explain in detail why Gulf must cease placing CCR in the Plant Daniel ash pond.
 - e. Please identify whether or not the Plant Daniel ash pond will be closed. If yes, please describe in detail Gulf's plan to close the ash pond.
 - f. Please describe in detail any other options that were considered in addition to the low volume wastewater treatment pond.
 - g. Please explain in detail the need and scope of the Unit 1 and Unit 2 dry bottom ash conversion projects.
 - h. Please explain whether Gulf has considered retirement of Plant Daniel as an option to maintain compliance in accordance with the CCR rule.

ANSWER:

- a. Coal Combustion Residuals (CCR) are materials created as a by-product of burning coal for the purpose of generating electricity. There are four main types of CCR: fly ash, bottom ash, boiler slag, and flue gas desulfurization materials such as gypsum.
- b. Bottom ash consists of heavier ash particles that fall to the bottom of the furnace during the combustion process.
- c. The Plant Daniel ash pond is a 23-acre surface impoundment designed to receive and store coal combustion residuals. The ash pond is primarily utilized to manage bottom ash; however, the ash pond also serves as a low-volume wastewater treatment pond. The ash pond receives the following low volume wastewater streams: coal pile runoff, wastewater basin discharge, ash management unit leachate and stormwater runoff.
- d. The CCR rule established national minimum criteria for CCR surface impoundments that apply to the Plant Daniel ash pond. The minimum criteria include location restrictions that requires that the base of CCR surface impoundments must be located no less than five feet above the upper limit of the uppermost aquifer (40 CFR Part 257.60). Based on Plant Daniel's review of available groundwater data, the ash pond does not meet the minimum five-foot separation between the base of the CCR unit and the upper limit of the uppermost aquifer, and therefore does not meet this location restriction. The rule requires sites that do not meet this location standard to cease placing CCR and non-CCR wastewater streams into the pond by October 31, 2020 as noted in the following section of the CCR rule, 40 CFR Part

257.101(b)(1)(i). However, sites that meet the alternative closure requirements in 40 CFR Part 257.103 may continue to receive CCR in the unit provided the site meets the requirements of paragraph (a) or (b) of Part 257.103. Paragraph (b) allows CCR surface impoundments that are 40 acres or smaller to continue to operate until October 17, 2023 if the owner or operator certifies that the facility will cease operation of the coal-fired boilers by that time.

- e. Yes, the Plant Daniel ash pond will be closed. The Federal CCR rule requires closure of any CCR surface impoundment that cannot meet the applicable performance criteria for location restrictions. The Plant Daniel ash pond will be closed through removal of all CCR material in accordance with the Federal CCR rule. All CCR will be excavated, transported, and disposed of in a permitted on-site landfill or sold for beneficial reuse. Closure will include removing all ash located over the existing ash pond liner. After backfilling to an elevation above the water table, Plant Daniel currently plans to repurpose the impoundment to serve as a low-volume wastewater retention pond.
- f. Plant Daniel considered the following three other options for low volume wastewater treatment; however, repurposing the ash pond is the lowest cost option.
 - 1. Install traditional mechanical clarification and treatment
 - 2. Build a new low volume wastewater pond and make improvements to the coal pile runoff pond
 - 3. Repurpose the coal pile runoff pond as a low volume wastewater pond and build a new coal pile runoff pond.
- g. Currently bottom ash from Daniel Units 1 and 2 is sluiced to the ash pond. As discussed in response to Item (d), Plant Daniel must cease placing CCR and non-CCR waste streams into the ash pond by October 31, 2020 in accordance with the Federal CCR rule unless the site meets the alternative closure requirements. The Daniel bottom ash conversion project would eliminate the need for wastewater from the bottom ash system to be discharged to the pond. The proposed Plant Daniel bottom ash conversion project would include replacing the existing bottom ash system on Units 1 and 2 with a submerged grinder conveyor system (SGC).

In a filing to the Mississippi Public Service Commission on September 20, 2019, Mississippi Power Company indicated that there may be an alternate closure option available to avoid the need for the bottom ash conversion project. This would require ceasing operation of the coal-fired units by October 17, 2023. Gulf is conducting further research to determine if a more cost-effective option exists to meet the CCR compliance requirements along with a risk evaluation to meet the required timeline.

- h. Retirement of Plant Daniel Unit 1 or Unit 2 prior to the October 31, 2020 deadline is not feasible under current transmission constraints.

16. Please identify what the 2020 ECRC residential bill impact is for 1,000 KWh, and for 1,200 KWh.

ANSWER:

Gulf's proposed 2020 Environmental Cost Recovery Clause (ECRC) residential bill impact for a 1,000 kWh bill is \$18.97, which is an \$0.87 increase compared to the current ECRC charge of \$18.10. The 1,200 kWh residential bill impact is \$22.76, which is a \$1.04 increase compared to the current charge of \$21.72.

	ECRC Charge		Residential Monthly Bill Impact
	2019	2020	
1,000 kWh bill	\$18.10	\$18.97	\$0.87
1,200 kWh bill	\$21.72	\$22.76	\$1.04

17. Please identify what the 2020 ECRC percentage of the total residential monthly bill is for 1,000 KWh, and for 1,200 KWh.

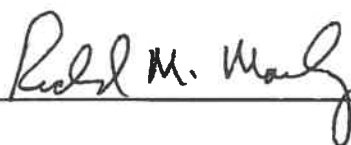
ANSWER:

January 2020 Residential Monthly Bill Impact	Proposed ECRC Charge	Proposed Total Residential Monthly Bill	ECRC Charge % of Total Bill
1,000 kWh bill	\$18.97	\$140.55	13%
1,200 kWh bill	\$22.76	\$164.71	14%

DECLARATION

I sponsored the answer to Interrogatory Nos. 13-15 from **STAFF'S THIRD SET OF INTERROGATORIES (NOS. 13-17)** to Gulf Power Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Date: 10/15/19

DECLARATION

I sponsored the answer to Interrogatory Nos. 16-17 from **STAFF'S THIRD SET OF INTERROGATORIES (NOS. 13-17)** to Gulf Power Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

Shane Boyett

Date: 10/15/19

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**Gulf's response to Staff's First
Request for Production of
Documents Nos. 1-3.**

**Additional files contained on
Staff Hearing Exhibits CD for
Nos. 1-3.**

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 51
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Shane Boyett (1)Richard
Markey (2-3)



October 16, 2019

Ms. Ashley Weisenfeld, Attorney
Office of General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

RE: Docket No. 20190007-EI

Dear Ms. Weisenfeld:

Enclosed is Gulf Power Company's response to Staff's First Request for Production of Documents (Nos. 1-3) in the above-referenced docket. The enclosed DVD contains the requested non-confidential documents labeled Gulf Power Company's Response to Staff's First Request for Production of Documents (Nos. 1-3).

Sincerely,

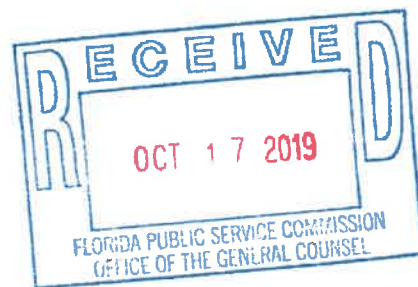
A handwritten signature in blue ink that reads 'C. Shane Boyett'.

C. Shane Boyett
Regulatory, Forecasting and Pricing Manager

md

Enclosures

cc: Gulf Power Company
Russell Badders, Esq., VP & Associate General Counsel
Beggs & Lane



BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION


In re: Environmental Cost
Recovery Clause

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Docket No. 20190007-EI

GULF POWER COMPANY'S RESPONSES TO
STAFF'S FIRST REQUEST FOR PRODUCTION OF DOCUMENTS (NOS. 1-3)

GULF POWER COMPANY ("Gulf Power", "Gulf", or "the Company"), by and
through its undersigned counsel, hereby submits the Company's responses to
Staff's First Request for Production of Documents (Nos. 1-3) on the following pages.

Respectfully submitted by overnight mail the 16th day of October, 2019.



RUSSELL A. BADDERS
VP & ASSOCIATE GENERAL COUNSEL
Florida Bar No. 007455
GULF POWER COMPANY
One Energy Place
Pensacola, FL 32520-0100
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STEVEN R. GRIFFIN
Florida Bar No. 0627569
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Attorneys for Gulf Power Company

**Staff's First Request for Production of
Documents
GULF POWER COMPANY
Docket No. 20190007-EI
October 17, 2019
Item No. 1
Page 1 of 1**

- 1. Please refer to witness C. Shane Boyett's direct testimony, filed August 30, 2019, Exhibit CSB-3. Please provide a revised version of Exhibit CSB-3 that does not include Crist Closed Ash Landfill (CAL) project associated expenses.**

ANSWER:

Responsive documents are located in the folder named Staff_POD_001 on the DVD labeled Docket No. 20190007-EI Staff's First Request for Production of Documents (Nos. 1-3) Disk 1. Documents that have been saved in PDF format are page numbered 20190007-Staff-POD-1-1 through 20190007-Staff-POD-1-41.

2. Please refer to witness Richard M. Markey's direct testimony, filed August 30, 2019, page 3, lines 4-7 and lines 18-23.
 - a. Please provide a copy of Gulf's Plant Crist industrial wastewater permit.
 - b. Please provide a copy of the Florida Department of Environmental Protection Order 17-1224.

ANSWER:

Responsive documents are located in the folder named Staff_POD_002 on the DVD labeled Docket No. 20190007-EI Staff's First Request for Production of Documents (Nos. 1-3) Disk 1. Documents that have been saved in PDF format are page numbered 20190007-Staff-POD-2-1 through 20190007-Staff-POD-2-98.

Staff's First Request for Production of
Documents
GULF POWER COMPANY
Docket No. 20190007-EI
October 17, 2019
Item No. 3
Page 1 of 1

3. Please refer to witness Markey's direct testimony, filed August 30, 2019, page 7, line 14, through page 9, line 22. Please provide a copy of section 40 C.F.R. Parts 257 & 261 of the Federal CCR Rule.

ANSWER:

Responsive documents are located in the folder named Staff_POD_003 on the DVD labeled Docket No. 20190007-EI Staff's First Request for Production of Documents (Nos. 1-3) Disk 1. Documents that have been saved in PDF format are page numbered 20190007-Staff-POD-3-1 through 20190007-Staff-POD-3-223.

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Gulf's response to OPC's
Second Set of Interrogatories
Nos. 5-10.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 52
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Shane Boyett (5-8) Richard
Markey (9-10)

5. Please state the amount collected through the dismantlement accrual and credited to dismantlement reserve related to Plant Daniel.

ANSWER:

The current authorized dismantlement accrual for Plant Daniel is \$317,179 annually, which is being credited to the reserve for coal combustion residuals costs.

6. Please state the current balance of the dismantlement reserve related to Plant Daniel.

ANSWER:

As of August 2019, the total dismantlement reserve for Plant Daniel is \$25,077,292.

7. Please state the amount for environmental remediation and clean-up collected through the dismantlement accrual and credited to dismantlement reserve related to Plant Daniel.

ANSWER:

The current authorized dismantlement reserve for Plant Daniel is \$317,179 annually, which is being credited to the reserve for coal combustion residual costs.

8. Please state the amount credited to the dismantlement reserve that has been applied to off-set the CCR clean-up costs requested in the current docket.

ANSWER:

The total accumulated dismantlement reserve balance related to Plant Daniel CCR costs as of August 2019 is \$4,750,207. This amount is available to offset CCR pond closure costs.

9. Will there be additional capital expenditures, not already disclosed in testimony in this proceeding, related to Plant Daniel and required to be spent by Gulf Power before January 2024?

ANSWER:

Gulf does not have any additional capital expenditures currently projected for new capital projects; however, Gulf expects to continue to incur retrofit capital costs associated with previously installed ECRC equipment such as the scrubber.

10. Please identify which set of requirements for alternative closure procedures, either paragraph (a) or (b) of 40 C.F.R. 257.103, Gulf Power intends to meet with regard to Plant Daniel?

ANSWER:

Based on current resource planning assumptions, Plant Daniel is not planning to follow the alternative closure requirements in 40 CFR Part 257.103. Sites meeting the October 31, 2020 deadline to cease receipt of wastewater streams to the pond do not need to seek the extension allowed by the alternative closure requirements. However, in a filing to the Mississippi Public Service Commission on September 20, 2019, Mississippi Power Company indicated that there may be an alternate closure option. Gulf is conducting further research to determine if a more cost-effective alternate closure option exists to meet the compliance requirements and timeline.

DECLARATION

I sponsored the answer to Interrogatory Nos. 5-8 from **CITIZENS' SECOND SET OF INTERROGATORIES (NOS. 5-10)** to Gulf Power Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.

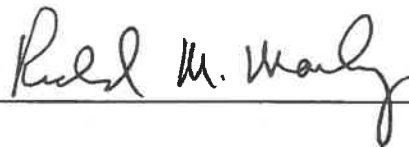
Shane Boyett

Date: 10/15/19

DECLARATION

I sponsored the answer to Interrogatory Nos. 9-10 from **CITIZENS' SECOND SET OF INTERROGATORIES (NOS. 5-10)** to Gulf Power Company in Docket No. 20190007-EI. The responses are true and correct based on my personal knowledge.

Under penalties of perjury, I declare that I have read the foregoing declaration and the interrogatory answers identified above, and that the facts stated therein are true.



Date: 10/15/19

Gulf's response to OPC's
Second Request for Production
of Documents Nos. 5-10.

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 53
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Shane Boyett (5-8) Richard
Markey (9-10)

5. Please produce copies of documents that support your answer to OPC's Interrogatory No. 5, served contemporaneously herewith.

ANSWER:

Please see page 2 of this response.

Monthly Depreciation Reserve Activity

NextEra Energy Company

Starting Month: 01/2018

Ending Month: 12/2018

Set of Books								
Company								
Depr Summary2								
Depr Group	Beginning Reserve	Provision	Retirements	Cost of Removal	Salvage and Other Credits	Transfers and Adjustments	Impairments and (Gain) / Loss	Ending Reserve
GAAP Financial								
1600 - Gulf Power Company								
31100								
31100D000-GP-DSM-FIXED-CCR-DANI	\$4,221,575	\$317,179	\$0	\$0	\$0	\$0	\$0	\$4,538,754
31100D000-GP-DSM-FIXED-DANIEL	\$20,327,085	\$0	\$0	\$0	\$0	\$0	\$0	\$20,327,085
Depr Summ2 Subtotal:	\$24,548,660	\$317,179	\$0	\$0	\$0	\$0	\$0	\$24,865,839
Company Subtotal:	\$24,548,660	\$317,179	\$0	\$0	\$0	\$0	\$0	\$24,865,839
Grand Total:	\$24,548,660	\$317,179	\$0	\$0	\$0	\$0	\$0	\$24,865,839

6. Please produce copies of documents that support your answer to OPC's Interrogatory No. 6, served contemporaneously herewith.

ANSWER:

Please see page 2 of this response.

Monthly Depreciation Reserve Activity

NextEra Energy Company

Starting Month: 08/2019

Ending Month: 08/2019

Set of Books Company								
Depr Summary2								
Depr Group	Beginning Reserve	Provision	Retirements	Cost of Removal	Salvage and Other Credits	Transfers and Adjustments	Impairments and (Gain) / Loss	Ending Reserve
GAAP Financial								
1600 - Gulf Power Company								
31100								
31100D000-GP-DSM-FIXED-CCR-DANI	\$4,723,775	\$26,432	\$0	\$0	\$0	\$0	\$0	\$4,750,207
31100D000-GP-DSM-FIXED-DANIEL	\$20,327,085	\$0	\$0	\$0	\$0	\$0	\$0	\$20,327,085
Depr Summ2 Subtotal:	\$25,050,860	\$26,432	\$0	\$0	\$0	\$0	\$0	\$25,077,292
Company Subtotal:	\$25,050,860	\$26,432	\$0	\$0	\$0	\$0	\$0	\$25,077,292
Grand Total:	\$25,050,860	\$26,432	\$0	\$0	\$0	\$0	\$0	\$25,077,292

7. Please produce copies of documents that support your answer to OPC's Interrogatory No. 7, served contemporaneously herewith.

ANSWER:

Please see Gulf's response to Citizens' Second Request for Production of Documents, Item No. 5.

8. Please produce copies of documents that support your answer to OPC's Interrogatory No. 8, served contemporaneously herewith.

ANSWER:

Please see Gulf's response to Citizens' Second Request for Production of Documents, Item No. 6.

9. Please produce copies of documents that support your answer to OPC's Interrogatory No. 9, served contemporaneously herewith.

ANSWER:

The following responsive electronic document is attached. Please see the file titled, "Daniel 2020-2025 Comparative Analysis wDetail (AFc) (07-36-11).xls".

10. Please produce copies of documents that support your answer to OPC's Interrogatory No. 10, served contemporaneously herewith.

ANSWER:

The following responsive documents are attached. Please see the files titled, "40 CFR Part 257.103" and "Sept 23 2019 MPC response to PSC data request (Proposed Order)".

Gulf's Petition for Approval of
Environmental Cost Recovery
True-up and 2020
Environmental Cost Recovery
Clause Factors dated August 30,
2019 .

(Document No. 08542-2019)

FLORIDA PUBLIC SERVICE COMMISSION
DOCKET: 20190007-EI EXHIBIT: 54
PARTY: STAFF HEARING EXHIBITS
DESCRIPTION: Shane Boyett Richard Markey



Gulf Power®

FILED 8/30/2019
DOCUMENT NO. 08542-2019
FPSC - COMMISSION CLERK

August 30, 2019

Mr. Adam Teitzman, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

RE: Docket No. 20190007-EI

Dear Mr. Teitzman:

Attached for official filing in the above-referenced docket are the following:

1. The Petition of Gulf Power Company.
2. Prepared direct testimony and exhibit of Richard M. Markey.
3. Prepared direct testimony and exhibits of C. Shane Boyett.

Pursuant to the Order Establishing Procedure in this docket, electronic copies of exhibits CSB-3, CSB-4 and RMM-1 will be provided to the parties under separate cover.

Sincerely,

C. Shane Boyett
Regulatory, Forecasting and Pricing Manager

md

Attachments

cc w/att.: Florida Public Service Commission
Charles Murphy, Sr. Attorney, Ofc of the General Counsel (5 copies)
Gulf Power Company
Russell Badders, Esq., VP & Associate General Counsel
Beggs & Lane

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

IN RE: Environmental Cost Recovery Clause)

) Docket No.: 20190007-EI

) Filed: August 30, 2019

)

**PETITION OF GULF POWER COMPANY FOR APPROVAL OF
FINAL ENVIRONMENTAL COST RECOVERY TRUE-UP AMOUNT FOR
JANUARY 2018 THROUGH DECEMBER 2018; ESTIMATED ENVIRONMENTAL
COST RECOVERY TRUE-UP AMOUNT FOR JANUARY 2019 THROUGH
DECEMBER 2019; PROJECTED ENVIRONMENTAL COST RECOVERY AMOUNTS
FOR JANUARY 2020 THROUGH DECEMBER 2020; NEW ENVIRONMENTAL
ACTIVITIES/PROJECTS; AND ENVIRONMENTAL COST RECOVERY FACTORS
TO BE APPLIED BEGINNING WITH THE PERIOD
JANUARY 2020 THROUGH DECEMBER 2020**

Notices and communications with respect to this petition and docket should be addressed to:

Russell A. Badders
Vice President & Associate General Counsel
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100
russell.badders@nexteraenergy.com
(850)444-6550

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Steven R. Griffin
Beggs & Lane
P. O. Box 12950
Pensacola, FL 32591
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(850) 432-2451

GULF POWER COMPANY (“Gulf Power”, “Gulf”, or “the Company”), by and through its undersigned counsel, and pursuant to section 366.8255, Florida Statutes and various orders of the Florida Public Service Commission (“Commission”) implementing and defining the Environmental Cost Recovery Clause (“ECRC”), hereby petitions the Commission for approval of the Company’s final environmental cost recovery true-up amount for the period January 2018 through December 2018; for approval of the Company’s estimated environmental cost recovery true-up amount for the period January 2019 through December 2019; for approval of the

Company's projected environmental cost recovery amounts for the period January 2020 through December 2020; for approval of new and/or expansions of other environmental projects consistent with this petition; and for approval of environmental cost recovery factors to be applied in customer billings beginning with the period January 2020 through December 2020. As grounds for the relief requested by this petition, the Company would respectfully show:

BACKGROUND

(1) Section 366.8255, Florida Statutes, (the "Statute") authorizes the Commission to review and decide whether Gulf's environmental compliance costs are recoverable through an environmental cost recovery factor. Pursuant to the Statute, environmental compliance costs include "[a]ll costs or expenses incurred by an electric utility in complying with environmental laws or regulations. . . ." The term "environmental laws or regulations" is defined in the Statute to include "all federal, state, or local statutes, administrative regulations, orders, ordinances, resolutions, or other requirements that apply to electric utilities and are designed to protect the environment." Pursuant to the Statute, the Commission shall allow a utility to recover its prudently incurred environmental compliance costs through the ECRC, which is separate and apart from the utility's base rates. Only prudently incurred environmental compliance costs may be recovered through the ECRC. In Order No. PSC-94-0044-FOF-EI, issued January 12, 1994, the Commission identified three criteria for eligibility for cost recovery through the ECRC: 1) the costs must have been incurred after April 13, 1993; 2) the activity is legally required to comply with a governmentally imposed environmental regulation which was enacted, or became effective, or whose effect was triggered after the company's last test year upon which rates are based; and, 3) the costs are not recovered through some other cost recovery mechanism or through base rates.

(2) Gulf Power initially petitioned the Commission to establish the ECRC in Docket No. 930613-EI. The Commission considered Gulf's petition at hearings held in December 1993 and ultimately issued Order No. PSC-94-0044-FOF-EI, which established the ECRC for Gulf Power and approved the commencement of recovery through initial factors effective with the first billing cycle for February 1994. Since that initial order, Gulf has periodically petitioned and received Commission approval for recovery of the Company's revenue requirements associated with new environmental compliance activities consistent with the ECRC statutes and Commission precedent. Also since that initial order and subsequent orders of the Commission approving the Company's environmental compliance activities for recovery through the ECRC, Gulf has periodically submitted true-up and projection filings to the Commission with updated actual and projected costs for the various environmental compliance activities recovered through the ECRC pursuant to Commission authorization.

(3) Consistent with the foregoing, Gulf submits its petition, supporting schedules, testimony and exhibits as the Company's request herein for approval of ECRC factors to be effective in calendar year 2020. As detailed in the following paragraphs and accompanying supporting schedules, testimony and exhibits, Gulf's environmental compliance activities are consistent with the ECRC statutes and Commission precedent for recovery of eligible activities through the ECRC subject to the ongoing audit, review and true-up processes established by the Commission.

FINAL ENVIRONMENTAL COST RECOVERY TRUE-UP AMOUNTS

(4) By vote of the Commission following hearings in October 2018, estimated true-up environmental cost recovery amounts were approved by the Commission for the period January 2018 through December 2018, subject to establishing the final environmental cost recovery

true-up amounts. Gulf has calculated its final environmental cost recovery true-up amounts for the period January 2018 through December 2018 in accordance with the principles and policies for environmental cost recovery established by the Commission. According to the data filed by Gulf for the period ending December 31, 2018, the final environmental cost recovery true-up amount for the period ending December 31, 2018, is an actual over-recovery of \$1,896,136. This amount is submitted for approval by the Commission to be applied in the next period. The supporting data has been prepared in accordance with the uniform system of accounts as applicable to the Company's environmental cost recovery and fairly presents the Company's environmental costs to be considered for recovery through the ECRC for the period. The environmental activities and related expenditures reflected in the true-up amounts shown for the period ending December 31, 2018, are reasonable and necessary to achieve or maintain compliance with environmental requirements applicable to Gulf Power Company and, therefore, the amounts identified are prudent expenditures which have been incurred for utility purposes.

ESTIMATED ENVIRONMENTAL COST RECOVERY TRUE-UP AMOUNTS

(5) Gulf has calculated its estimated environmental cost recovery true-up amounts for the period January 2019 through December 2019 in accordance with the principles and policies for environmental cost recovery established by the Commission. Based on five months actual and seven months projected data, the Company's estimated environmental cost recovery true-up amount for the period January 2019 through December 2019 is an over-recovery of \$4,609,567. The estimated environmental cost recovery true-up is combined with the final environmental cost recovery true-up for the period ending December 31, 2019, to reach the total environmental cost recovery true-up that is to be addressed in the next cost recovery period (January 2020 through

December 2020). Gulf is requesting that the Commission approve this total environmental cost recovery true-up amount excluding revenue taxes, of \$6,505,703 to be applied during the January 2020 through December 2020 recovery period.

PROJECTED ENVIRONMENTAL COST RECOVERY AMOUNTS

(6) Gulf has calculated its projected environmental cost recovery amounts for the months January 2020 through December 2020 in accordance with the principles and policies for environmental cost recovery found in section 366.8255 of the Florida Statutes and Commission Order No. PSC-94-0044-FOF-EI. The calculated factors reflect the recovery of the projected environmental cost recovery amount of \$183,348,811 for the period January 2020 through December 2020, less the net true-up amount adjusted for revenue taxes.

The computations and supporting data for the Company's environmental cost recovery factors are set forth on true-up and projection schedules that are attached as part of the exhibits to the final true-up testimony and estimated/actual true-up testimony of C.S. Boyett filed previously in this docket (*See* DN 03444-2019 and DN 06030-2019) and the projection testimony of Mr. Boyett filed herewith. Additional supporting data for the environmental cost recovery factors is provided in the final true-up testimony of R. M. Markey (*See* DN 03444-2019), the estimated/actual true-up testimony of Mr. Markey (*See* DN 06030-2018) and the projection testimony of Mr. Markey filed herewith. The methodology used by Gulf in determining the amounts to include in these factors and the allocation to rate classes is in accordance with the requirements of the Commission as set forth in Order Nos. PSC-94-0044-FOF-EI and PSC-13-0606-FOF-EI. The amounts included in the calculated factors for the projection period are based on reasonable projections of the costs for environmental compliance activities that are expected

to be incurred during the period January 2020 through December 2020. The calculated factors and supporting data have been prepared in accordance with the uniform system of accounts and fairly present the Company's best estimate of environmental compliance costs for the projected period. The activities described in the testimony of Mr. Markey are reasonable and necessary to achieve or maintain compliance with environmental requirements applicable to Gulf Power Company and the actual or projected costs resulting from the described compliance activities are also reasonable and necessary. Therefore, the costs identified are prudent expenditures that have been or will be incurred for utility purposes and for which the Company should be allowed to recover the associated revenue requirements.

NEW ENVIRONMENTAL ACTIVITIES/PROJECTS

(7) Gulf seeks approval of the Crist Closed Ash Landfill (CAL) Project for cost recovery through the Environmental Cost Recovery Clause. During the Plant Crist industrial wastewater permit renewal process, Florida Department of Environmental Protection (FDEP) inquired about the status of the Crist closed ash landfill and potential impacts to adjacent waters. In the fall of 2017, FDEP permitting staff conducted a site visit at the closed ash landfill and requested Gulf collect water quality samples in the surface waters adjacent to the Plant Crist closed ash landfill located between Governor's Bayou and the Escambia River. FDEP is the permitting agency that issues Gulf its wastewater facility discharge permit under FDEP's EPA approved Clean Water Act National Pollutant Discharge Elimination System (NPDES) permitting program. FDEP implements the permitting program as authorized by Florida Statutes Section 403.0885 and rules promulgated by the Department in Chapters 62-4 and 62-620 of the Florida Administrative Code (F.A.C.).

After reviewing the resulting data, FDEP directed Gulf to submit a plan of study (Order 17 1224) identifying potential geological and engineering assessment methods that would allow Gulf to evaluate the integrity of the landfill and to identify “any seeps and discharges as well as the quantity and quality of those discharges to waters of the state” from the CAL. The plan of study was approved by FDEP on April 25, 2018.

Gulf began implementing field work portions of the plan of study in June 2018 and completed work in the April 2019 timeframe. An engineering report summarizing findings from the study and rehabilitation options evaluated for the closed landfill was submitted to FDEP on July 23, 2019. The report recommends regrading the surface of the CAL and then capping the CAL with a low permeability, synthetic material. These actions are needed to reduce infiltration, provide separation of ash and storm water, and to provide stability improvements. On August 28, 2019 FDEP approved the proposed action plan and implementation schedule. The Plant Crist industrial wastewater permit (FL0002275) and FDEP Order 17-1224 require Gulf to complete FDEP approved rehabilitation actions by July 23, 2023.

The Crist CAL project meets the criteria for cost recovery established by the Commission in Order No. PSC-94-0044-FOF-EI in that the costs associated with it are not recovered through any other cost recovery mechanism or through base rates and will be incurred after April 13, 1993. In addition, discharges from the coal ash landfill to waters of the State are covered in Plant Crist industrial wastewater permit that was issued on March 29, 2019 and rehabilitation actions are required by FDEP Order 17-1224. The capital expenditures associated with this project are projected to be \$10.1 million in 2020. Gulf has not projected O&M costs associated with the project in 2020; however, future O&M costs are expected after the project is completed in the 2021-2022 timeframe. Capital costs for the Crist CAL project should be allocated to the

rate classes on an average 12-MCP demand and 1/13th energy basis. O&M cost for the program should be allocated to the rate classes on a demand basis.

ENVIRONMENTAL COST RECOVERY FACTORS

(8) The calculated environmental cost recovery factors by rate class, including true-up, are:

RATE CLASS	ENVIRONMENTAL COST RECOVERY FACTORS ¢/kWh
RS, RSVP, RSTOU	1.897
GS	1.927
GSD, GSDT, GSTOU	1.552
LP, LPT	1.364
PX, PXT, RTP, SBS	1.341
OS-I/II	0.405
OS-III	1.236

WHEREFORE, Gulf Power Company respectfully requests the Commission to approve the final environmental cost recovery true-up amounts for the period January 2018 through December 2018; estimated environmental cost recovery true-up amounts for the period January 2019 through December 2019; the projected environmental cost recovery amounts for the period January 2020 through December 2020; the reasonableness and prudence of new and/or expansions of other environmental projects consistent with this petition; and the environmental cost recovery factors to be applied in customer billings beginning with the period January 2020 through December 2020.

Dated the 30th day of August 2019.

A handwritten signature in dark ink, appearing to read 'R. Badders', is written over a horizontal line.

RUSSELL A. BADDERS

Vice President & Associate General Counsel

Florida Bar No. 007455

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Attorneys for Gulf Power Company

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

ENVIRONMENTAL COST RECOVERY CLAUSE

DOCKET NO. 20190007-EI

**PREPARED DIRECT TESTIMONY
AND EXHIBIT OF
RICHARD M. MARKEY**

**PROJECTION FILING
FOR THE PERIOD**

JANUARY 2020- DECEMBER 2020

August 30, 2019



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GULF POWER COMPANY

Before the Florida Public Service Commission
Prepared Direct Testimony of
Richard M. Markey
Docket No. 20190007-EI
Date of Filing: August 30, 2019

Q. Please state your name, business address, and occupation.

A. My name is Richard M. Markey. My business address is One Energy Place,
Pensacola, Florida, 32520. I am employed by Gulf Power Company as the
Director of Environmental Affairs.

Q. Have you previously filed testimony in this docket?

A. Yes, I have.

Q. Mr. Markey, what is the purpose of your testimony?

A. The purpose of my testimony is to support Gulf Power Company's projection
of environmental compliance costs recoverable through the Environmental
Cost Recovery Clause (ECRC) for the period from January 2020 through
December 2020.

Q. Have you prepared an exhibit that contains information to which you will
refer in your testimony?

A. Yes, I have one exhibit (RMM-1) which includes Schedule 5P - Description
and Progress Report of Environmental Compliance Activities and Projects.

Counsel: We ask that Mr. Markey's exhibit
consisting of one document be marked as
Exhibit No. _____ (RMM-1).

CAPITAL

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- Q. Mr. Markey, please identify the capital projects included in Gulf's ECRC projection filing.
- A. The environmental capital projects for which Gulf seeks recovery through the ECRC are listed in Schedules 3P and 4P of Gulf Witness Boyett's Exhibit CSB-3 and described in Schedule 5P included in my Exhibit RMM-1. I am supporting the expenditures, clearings, retirements, salvage and cost of removal currently projected for each of these projects. Mr. Boyett compiled these schedules and has calculated the associated revenue requirements for Gulf's requested recovery. Of the projects shown on Mr. Boyett's schedules, there is one new program that Gulf is proposing and seven programs that were previously approved by the Commission with activities that have projected capital expenditures during 2020. These programs include: Smith Water Conservation, Crist Florida Department of Environmental Protection (FDEP) Agreement for Ozone Compliance, Crist Water Conservation, Plant NPDES Permit Compliance Projects, Air Quality Compliance Program, Coal Combustion Residuals, and Steam Effluent Limitations Guidelines.
- Q. Mr. Markey, please describe the new capital project Gulf seeks to recover through the ECRC.
- A. Gulf is including one new project, the Crist Closed Ash Landfill (CAL), in addition to the programs previously approved by the Commission. Gulf has included costs for the CAL project under the General Water Quality line item.

1 Q. Mr. Markey, please describe the Crist Closed Ash Landfill (CAL) project that
2 Gulf seeks to recover under the General Water Quality line item (Line Item
3 1.27).

4 A. During the Plant Crist industrial wastewater permit renewal process, the
5 Florida Department of Environmental Protection (FDEP) inquired about the
6 status of the Crist closed ash landfill and potential impacts to adjacent
7 waters. In the fall of 2017, FDEP permitting staff conducted a site visit at
8 the closed ash landfill and requested that Gulf collect water quality samples
9 in the surface waters adjacent to the closed landfill, which is located
10 between Governor's Bayou and the Escambia River. FDEP is the
11 permitting agency that issues Gulf its wastewater facility discharge permit
12 under FDEP's EPA approved Clean Water Act National Pollutant Discharge
13 Elimination System (NPDES) permitting program. FDEP implements the
14 permitting program as authorized by Florida Statutes Section 403.0885 and
15 rules promulgated by the Department in Chapters 62-4 and 62-620 of the
16 Florida Administrative Code (F.A.C.).

17
18 After reviewing the data resulting from analysis of the collected water
19 samples, FDEP directed Gulf to submit a plan of study (Order 17-1224)
20 identifying potential geological and engineering assessment methods that
21 would allow Gulf to evaluate the integrity of the landfill and to identify "any
22 seeps and discharges as well as the quantity and quality of those
23 discharges to waters of the state" from the CAL. The plan of study was
24 approved by FDEP on April 25, 2018.

25

1 Gulf began implementing field work portions of the plan of study in June
2 2018 and completed work in the April 2019 timeframe. An engineering
3 report summarizing findings from the study and rehabilitation options
4 evaluated for the closed landfill was submitted to FDEP on July 23, 2019.
5 The report recommends regrading the surface of the CAL and then capping
6 the CAL with a low permeability, synthetic material. These actions are
7 needed to reduce water infiltration, to provide separation of ash and
8 stormwater, and to provide stability improvements. On August 28, 2019,
9 FDEP approved the proposed action plan and implementation schedule.
10 FDEP Order 17-1224 requires Gulf to complete FDEP approved
11 rehabilitation actions by July 23, 2023. The projected 2020 expenditures
12 for this line item total \$10,153,027.

13
14 Q. Mr. Markey, please provide an update on the Smith Water Conservation
15 program (Line Item 1.17).

16 A. Gulf was granted approval for ECRC recovery of the Plant Smith Reclaimed
17 Water project in Florida Public Service Commission (FPSC) Order No. PSC-
18 09-0759-FOF-EI. Gulf has completed installation of three deep injection
19 wells, piping, and initial equipment needed for the reclaimed water pump
20 station and for current wastewater discharges. Gulf plans to complete
21 design and begin construction of the system needed for reclaimed water
22 and continued permitted wastewater disposal in the fall of 2019. The new
23 wastewater treatment system and permanent pump station are required for
24 Plant Smith to begin using reclaimed water for the Unit 3 cooling tower
25 water supply and continue permitted wastewater disposal. Expenditures

1 associated with these activities reflected in the 2020 projection filing are
2 \$12,816,779.

3

4 While Gulf is in the process of completing design and construction of the
5 reclaimed water system, the Smith UIC system is also integral for injection
6 of wastewater from the Plant Smith ash pond closure project.

7

8 Q. Mr. Markey, please describe the projects included in the 2020 projection for
9 the Crist FDEP Agreement for Ozone Attainment (Line Item 1.19).

10 A. Gulf plans to replace the existing Plant Crist Unit 7 low NOx burner and
11 simulator controls during 2020. The supplier will be discontinuing support
12 and updates for the existing controls in 2020. To maintain cyber security,
13 the control systems need to be up to date with supported operating systems
14 to prevent and address cyber vulnerabilities. The projected 2020
15 expenditures for this line item total \$107,574.

16

17 Q. Mr. Markey, please describe the projected 2020 capital expenditures for
18 Plant NPDES Permit Compliance Projects (Line Item 1.25).

19 A. The water quality based copper effluent limitation included in Chapter 62
20 Part 302, F.A.C. is included by reference in the Plant Crist NPDES industrial
21 wastewater permit. Since the more stringent hardness based standard was
22 implemented in 2002, Gulf Power has continued to evaluate and reduce the
23 sources of copper at Plant Crist. Plant Crist completed several projects to
24 reduce copper, including installation of stainless steel condenser tubes on
25 Unit 6 and dredging of the former ash pond, as well as adding pH control

1 and aeration systems to the pond. While these projects significantly
2 reduced copper concentrations, Plant Crist reported an exceedance of the
3 copper standard in second quarter 2017 that resulted in FDEP requiring
4 Gulf to implement a plan of study to further reduce copper concentrations in
5 the discharge.

6
7 Gulf Power submitted results of the copper plan of study in June 2019. The
8 plan of study recommends retubing the Unit 6C service water cooler and
9 Units 4 and 5 condensers with stainless steel tubes to eliminate these
10 copper sources. On July 5, 2019, FDEP approved the proposed corrective
11 actions and implementation schedule. FDEP Order 17-1224 requires Gulf to
12 complete the corrective actions to address copper by January 25, 2021.
13 Gulf is currently in the process of procuring material for retubing the Unit 6C
14 service water cooler in order to complete the project during the fall 2019
15 outage. The Units 4 and 5 condenser project is expected to be completed in
16 the 2020 timeframe. Expenditures associated with these activities reflected
17 in the 2020 projection filing are \$3,131,598.

18
19 Q. Please describe the projected capital expenditures for the Air Quality
20 Compliance program (Line Item 1.26).

21 A. The 2020 projected expenditures for the Air Quality Compliance program
22 include costs associated with the following: scrubbers at Plant Crist, Plant
23 Daniel, and Plant Scherer, Plant Crist Unit 6 SCR, as well as the Plant
24 Daniel Low NOx burners. More specifically, this includes approximately \$4
25 million of expenditures for the expansion of the Plant Crist Underground

1 Injection Control (UIC) pump station. The expansion will allow Plant Crist to
2 utilize two additional wells for disposal of wastewater generated from the
3 gypsum storage area and associated groundwater remediation system.
4 Additionally, this line item includes \$3,022,922 of expenditures to upgrade
5 the Plant Crist Unit 6 SCR and scrubber controls to meet cyber security
6 requirements. The projected capital cost for Gulf's ownership portion of the
7 Scherer Unit 3 scrubber is \$292,112 to replace scrubber system pumps and
8 valves and to conduct roadway improvements for work around the gypsum
9 landfill. Plant Daniel will also be replacing the low NOx burners on Unit 1,
10 which have reached the end of their useful life. The cost of the new low
11 NOx burners is \$510,000. The projected 2020 expenditures for this
12 program total \$7,825,035.

13
14 Q. Mr. Markey, please describe the projects included in Gulf's 2020 projection
15 for the Coal Combustion Residuals capital program (Line Item 1:28).

16 A. Line Item 1.28 is related to the regulation of Coal Combustion Residuals
17 (CCR) by the United States Environmental Protection Agency (EPA) and
18 FDEP. For Gulf's generating plants, these regulatory compliance
19 obligations are pursuant to either the CCR rule adopted in April of 2015 or
20 through new requirements added by FDEP to the NPDES industrial
21 wastewater permits issued for each of Gulf's Florida generating facilities
22 pursuant to authority granted under the Clean Water Act. The CCR rule is
23 located in Title 40 Code of Federal Regulations (CFR) Parts 257 and 261.
24 Plant Scherer is also regulated under Georgia's Environmental Protection
25 Division CCR Rule (391-3-4-.10), which requires permit applications to be

1 submitted for the facility's ash pond and CCR landfill by November 22,
2 2019. The projected 2020 expenditures for this line item total \$49,278,428
3 and includes costs for Scholz, Smith, Scherer, Daniel and Crist as
4 discussed below.

5
6 Construction activities for closure of the ash pond at Plant Scholz will
7 continue through the Fall of 2020. During 2020, the Scholz ash pond
8 closure project will include construction of a new stormwater management
9 system, transferring CCR material to a dry stack area within the footprint of
10 the pond, and capping the dry stack area with closure turf material. The
11 2020 expenditures for the Plant Scholz CCR closure are projected to be
12 \$6,850,985 million.

13
14 In 2018, Plant Smith began construction of a new lined industrial
15 wastewater treatment pond by relocating CCR material within the ash pond
16 footprint. Gulf plans to complete construction of the first pond and
17 associated pump station and piping in 2020 and then to proceed with
18 construction of two additional industrial wastewater ponds and a slurry wall.
19 During pond construction, CCR material will be excavated and transported
20 to a new dry stack area within the footprint of the pond. The 2020
21 expenditures for the Plant Smith CCR closure are projected to be
22 \$16,586,152.

23
24 During 2020, construction of the Scherer CCR wastewater management
25 system will continue, which includes installing wastewater treatment

1 systems for wastewater streams that have been routed to the ash pond
2 such as coal pile runoff, equipment wash water, and precipitator sumps. In
3 addition, construction will begin on Cell 3 of the onsite landfill for CCR
4 storage. Plant Scherer will also proceed with siting studies and preliminary
5 design for a new landfill. The 2020 expenditures for Gulf's ownership
6 portion of the Plant Scherer CCR projects are projected to be \$2,456,800.

7
8 Plant Daniel must cease placing CCR and non-CCR waste streams into the
9 ash pond no later than October 31, 2020, in accordance with the CCR rule.
10 New wastewater treatment and ash handling systems are required for the
11 waste streams currently being routed to the pond (bottom ash and low
12 volume wastewater) prior to the October 31, 2020, deadline. The Unit 1 and
13 Unit 2 dry bottom ash conversion projects are scheduled to be placed in-
14 service during 2020. Plant Daniel also plans to begin work on a temporary
15 wastewater treatment system that will provide treatment for low volume
16 wastewater streams while the plant closes and repurposes the bottom ash
17 pond to serve as a low volume wastewater treatment pond. The 2020
18 expenditures for Gulf's ownership portion of the Plant Daniel CCR projects
19 are projected to be \$23,234,491.

20
21 Plant Crist has projected \$150,000 of capital expenditures in 2020 for
22 additional CCR groundwater monitoring wells.

1 Q. Mr. Markey, please describe the projects included in Gulf's 2020 projection
2 for the Steam Effluent Limitations Guideline capital program (Line Item
3 1.29).

4 A. In 2015, the EPA finalized revisions to the steam electric effluent limitations
5 guidelines (ELG) rule, which imposes stringent technology-based
6 requirements for certain waste streams from steam electric generating units.
7 The revised technology-based limits and compliance dates will require
8 extensive modifications to existing ash and flue gas desulfurization (FGD)
9 scrubber wastewater management systems or the installation and operation
10 of new wastewater management systems. Compliance applicability dates in
11 the 2015 rule ranged from November 1, 2018, to December 31, 2023.

12
13 On September 18, 2017, EPA published a final rule in the Federal Register
14 that delayed the earliest ELG applicability date for FGD wastewater and
15 bottom ash transport water from the original (2015 rule) "as soon as
16 possible date" of November 1, 2018, to a new "as soon as possible" date of
17 November 1, 2020, to allow time for EPA to reconsider the requirements for
18 FGD wastewater and bottom ash transport water. The 2017 rule did not
19 change the latest applicability date or "no later than" date of December 31,
20 2023.

21
22 State environmental agencies will incorporate specific applicability dates in
23 the NPDES permitting process based on information provided for each
24 waste stream. The EPA plans to propose ELG rule revisions in the second
25 half of 2019 and to finalize the rulemaking by December 2020. Gulf has

1 projected costs in 2020 for engineering and design of Gulf's ownership
2 portion of the Scherer scrubber wastewater treatment system. The 2020
3 expenditures for this line item total \$871,250.
4

5 Q. Mr. Markey, are you including the purchase of allowances in your 2020
6 projection filing?

7 A. Yes, Gulf has projected the need to purchase seasonal NOx allowances for
8 Plant Daniel in 2020. Gulf has projected \$85,000 of expenditures for Line
9 item 1.33 during 2020.
10

11 **Operation and Maintenance (O&M)**
12

13 Q. How do the projected Environmental O&M activities listed on Schedule 2P
14 of Mr. Boyett's Exhibit CSB-4 compare to the O&M activities approved for
15 cost recovery in past ECRC proceedings?

16 A. All of the O&M programs listed on Schedule 2P have been approved for
17 recovery through the ECRC in past proceedings.
18

19 Q. Please describe the O&M activities included in the air quality category for
20 2020.

21 A. There are five O&M activities included in the air quality category that have
22 projected expenses in 2020. The five activities are: Air Emission Fees,
23 Title V, Asbestos Fee, Emissions Monitoring, and the FDEP NOx Reduction
24 Agreement.
25

1 On Schedule 2P, Air Emission Fees (Line Item 1.2), represents the
2 expenses projected for the annual fees required by the Clean Air Act
3 Amendments (CAAA) of 1990, also known as Title V fees, that are payable
4 to the FDEP, the Mississippi Department of Environmental Quality, and the
5 Georgia Environmental Protection Division. The total 2020 estimated
6 expenses for the Air Emission Fees are \$285,269.

7
8 Included in the air quality category, Title V (Line Item 1.3) represents
9 projected ongoing expenses associated with implementation of the Title V
10 permits. The total 2020 estimated expenses for the Title V program are
11 \$231,465.

12
13 On Schedule 2P, Asbestos Fees (Line Item 1.4) consists of the fees
14 required to be paid to the FDEP for asbestos abatement projects. The total
15 2020 estimated expenses for the Asbestos Fees are \$1,000.

16
17 Emission Monitoring (Line Item 1.5) on Schedule 2P reflects an ongoing
18 O&M expense associated with the CEMS equipment as required by the
19 CAAA. These expenses are incurred in response to EPA's requirements
20 that the Company perform Quality Assurance/Quality Control (QA/QC)
21 testing for the CEMS, including Relative Accuracy Test Audits (RATAs) and
22 Linearity Tests. The total 2020 estimated expenses for the Emissions
23 Monitoring are \$736,399.

1 The FDEP NOx Reduction Agreement (Line Item 1.19) is comprised of O&M
2 costs associated with the Plant Crist Unit 7 SCR and the Plant Crist Units 4
3 and 5 Selective Non-Catalytic Reduction (SNCR) projects that were
4 included as part of the 2002 agreement with FDEP for ozone attainment.
5 This line item includes the cost of anhydrous ammonia, air monitoring, and
6 general O&M expenses related to activities undertaken in connection with
7 the agreement. Gulf was granted approval for recovery of the costs
8 incurred to complete these activities in FPSC Order No. PSC-02-1396-PAA-
9 EI in Docket No. 20020943-EI. The total 2020 estimated expenses for the
10 FDEP NOx Reduction Agreement are \$560,731.

11
12 Q. What O&M activities are included in the water quality category?

13 A. General Water Quality (Line Item 1.6), identified in Schedule 2P, includes
14 costs associated with NPDES industrial wastewater permit compliance,
15 Groundwater Monitoring and Assessment, Surface Water Studies, the
16 Cooling Water Intake Program, Dechlorination, the Impoundment Integrity
17 Program, and Stormwater Maintenance. The total 2020 estimated
18 expenses for General Water Quality are \$1,542,559.

19
20 Q. What other O&M activities are included in the water quality category?

21 A. Groundwater Contamination Investigation (Line Item 1.7) was previously
22 approved for environmental cost recovery in FPSC Docket No. 19930613-
23 EI. This line item includes expenses related to substation investigation and
24 remediation activities. Gulf has projected \$2,241,964 of incremental
25 expenses for this line item during the 2020 recovery period.

1 Line Item 1.8, State NPDES Administration, was previously approved for
2 recovery in the ECRC and reflects expenses associated with NPDES
3 annual fees and permit renewal fees for Gulf's three generating facilities in
4 Florida. These expenses are expected to be \$35,000 during the projected
5 recovery period.
6

7 Line Item 1.23 is the CCR program that includes expenses related to the
8 regulation of Coal Combustion Residuals by the EPA, FDEP, and the
9 Georgia Environmental Protection Division. During 2020, the Plant Scholz
10 and Plant Smith CCR closure projects will be under construction, and Gulf
11 will continue its ongoing CCR groundwater monitoring and engineering
12 inspections. The 2020 expenses projected for the CCR line item total
13 \$6,866,072, which encompasses Plant Scholz and Plant Smith pond closure
14 activities.
15

16 As mentioned previously, construction activities for closure of the ash pond
17 at Plant Scholz are ongoing. During 2020, the Scholz ash pond closure
18 project will include construction of a new stormwater management
19 system, transferring CCR material upland to a dry stack area within
20 the footprint of the pond, and capping the dry stack area with closure turf
21 material. The 2020 expenses for the Plant Scholz CCR closure are
22 projected to be \$1.0 million.
23

24 In 2018, Plant Smith, began construction of a new industrial wastewater
25 treatment pond by relocating CCR material within the ash pond footprint. In

1 2020, Gulf will proceed with construction of the new pond and associated
2 activities to close a portion of the pond. The 2020 pond closure activities will
3 include construction of additional industrial wastewater ponds and a slurry
4 wall, as well as transferring CCR material upland to a dry stack area within
5 the northern footprint of the pond. The 2020 expenses associated with the
6 Plant Smith CCR closure are projected to be \$4.1 million
7

8 Q. What activities are included in the environmental affairs administration
9 category?

10 A. Only one O&M activity is included in this category on Schedule 2P (Line
11 Item 1.10) of Mr. Boyett's Exhibit CSB-4. This line item refers to the
12 Company's Environmental Audit/Assessment function. This program is an
13 on-going compliance activity previously approved for ECRC recovery. The
14 total 2020 estimated expenses for the Environmental Audit/Assessment are
15 \$15,000.
16

17 Q. What O&M activities are included in the General Solid and Hazardous
18 Waste category?

19 A. The General Solid and Hazardous Waste activity (Line Item 1.11) involves
20 the proper identification, handling, storage, transportation, and disposal of
21 solid and hazardous wastes as required by federal and state regulations.
22 The program includes expenses for Gulf's generating and power delivery
23 facilities. The total 2020 estimated expenses for the General Solid and
24 Hazardous Waste activity is approximately \$1 million.
25

1 Q. Are there any other O&M activities that have been approved for recovery
2 that have projected expenses?

3 A. There are five other O&M activities that have been approved in past
4 proceedings which have projected expenses during 2020. They are the
5 Above Ground Storage Tanks program, the Air Quality Compliance
6 Program, Crist Water Conservation, Smith Water Conservation, and
7 Emission Allowances.
8

9 Q. What O&M activities are included in the Above Ground Storage Tanks line
10 item?

11 A. Above Ground Storage Tanks (Line Item 1.12) includes maintenance
12 activities, tank integrity inspections, and fees required by Florida's above
13 ground storage tank regulation, Chapter 62 Part 762, F.A.C. Expenses
14 totaling \$183,659 are projected to be incurred.
15

16 Q. What activities are included in the Air Quality Compliance Program (Line
17 Item 1.20)?

18 A. This line item encompasses O&M expenses associated with the capital
19 projects approved for ECRC recovery under the Air Quality Compliance
20 Program and expenses associated with Gulf's ownership portion of the
21 Scherer 3 baghouse, SCR, and scrubber as well as associated equipment.
22 Anhydrous ammonia, hydrated lime, limestone and general O&M expenses
23 are included in the Air Quality Compliance Program line item. The projected
24 2020 expenses for this line item total \$18,287,138.
25

1 Q. What activities are included in the Crist Water Conservation line item (Line
2 Item 1.22)?

3 A. The Crist Water Conservation line item includes general O&M expenses
4 associated with the Plant Crist reclaimed water systems, such as piping and
5 valve maintenance. Expenses totaling \$45,978 are projected to be incurred
6 during 2020 for this line item.

7

8 Q. What activities are included in the Smith Water Conservation line item (Line
9 Item 1.24)?

10 A. The Smith Water Conservation line item includes general O&M expenses
11 associated with the Plant Smith deep injection well system that was placed
12 in service during 2016 as part of the Plant Smith Reclaimed Water capital
13 project. The injection well system is currently used for wastewater disposal
14 as part of the CCR projects on site and will be used for reclaimed water in
15 the future. The projected costs include sampling and analytical charges,
16 chemicals, and mechanical integrity testing expenses required by the FDEP
17 permit. Gulf was granted approval for recovery of the Plant Smith
18 Reclaimed Water project in FPSC Order No. PSC-09-0759-FIF-EI.
19 Expenses totaling \$48,696 are projected to be incurred during 2020 for this
20 line item.

21

22

23

24

25

1 Q. Please describe the emission allowance expense line items.

2 A. This line item includes projected allowance expenses for Gulf's generation.
3 Line Item 1.26 includes \$3,087 of projected expenses for annual NOx
4 allowances, Line Item 1.27 includes \$7,113 of projected expenses for
5 seasonal NOx allowances, and Line Item 1.28 includes \$9,834 of projected
6 expenses for SO₂ allowances during 2020.
7

8 Q. Do each of the capital projects and O&M activities that have projected costs
9 in 2020 meet the ECRC statutory guidelines?

10 A. Yes. The projects included in Gulf's 2019 ECRC projection filing meet the
11 requirements of the ECRC statute and are consistent with the Commission's
12 precedents regarding environmental cost recovery. Each of the capital
13 projects and O&M activities set forth in Mr. Boyett's schedules include only
14 prudent costs that are not recovered through some other cost recovery
15 mechanism or base rates. The projected environmental costs are
16 necessary to achieve and/or maintain compliance with environmental laws,
17 rules, and regulations.
18

19 Q. Mr. Markey, does this conclude your testimony?

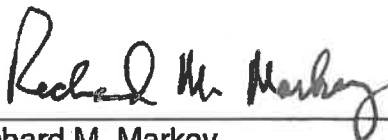
20 A. Yes.
21
22
23
24
25

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 20190007-EI

Before me, the undersigned authority, personally appeared Richard M. Markey, who being first duly sworn, deposes and says that he is the Environmental Services Director of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge and belief. He is personally known to me.



Richard M. Markey
Environmental Services Director

Sworn to and subscribed before me this 30th day of August, 2019.


Notary Public, State of Florida at Large



MELISSA DARNES
MY COMMISSION # FF 912698
EXPIRES: December 17, 2019
Bonded Thru Budget Notary Services

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Air Quality Assurance Testing

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

This line item includes the audit test trailer and associated support equipment used to conduct Relative Accuracy Test Audits (RATAs) on the Continuous Emission Monitoring Systems (CEMS) as required by the 1990 Clean Air Act Amendments (CAAA).

Accomplishments:

The RATA test trailer was replaced during the 2010 recovery period and the analyzers are being replaced in 2019. These replacements provide Gulf with the accuracy and reliability needed to accurately measure SO₂, NO_x, and CO₂ and to further maintain compliance with CAAA requirements.

Project-to-Date: Plant-in-service of \$83,954 projected at December of 2020.

Progress Summary: See Accomplishments.

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist 5, 6 & 7 Precipitator Projects

FPSC Approval: Order No. PSC-94-0044-FOF-EI
Order No. PSC-09-0759-FOF-EI

Description:

The Plant Crist precipitator projects are necessary to improve particulate removal capabilities. The larger more efficient precipitators with increased collection areas improve particulate collection efficiency.

Accomplishments:

The precipitators have successfully reduced particulate emissions. The upgraded Crist Unit 7 precipitator was placed in service during 2004 as part of the FDEP agreement. The Plant Crist Unit 6 precipitator upgrade was placed in service in April 2012. The digital control system for the Unit 6 precipitator was upgraded during 2015.

Project-to-Date: Plant-in-service of \$33,677,323 projected at December 2020.

Progress Summary: In Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist 7 Flue Gas Conditioning

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

This project included the injection of sulfur trioxide into the flue gas to enhance particulate removal and improve the collection characteristics of fly ash. Retirement of the Plant Crist Unit 7 flue gas conditioning system was completed during July 2005.

Accomplishments:

The system enhanced particulate removal in the precipitator.

Project-to-Date: \$0

Progress Summary: Retired

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Low NO_x Burners, Crist 6 & 7

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

Low NO_x burners are unique burners installed to decrease the NO_x emissions that are formed during the combustion process. This equipment was installed to meet the requirements of the 1990 Clean Air Act Amendments.

Accomplishments:

The Low NO_x burner systems have proven effective in reducing NO_x emissions. The low NO_x burners on Crist Unit 7 were replaced during the 2003-2004 time frame and the Crist Unit 6 burners were replaced during December 2005. The digital control systems for the Unit 6 and Unit 7 Low NO_x burners were upgraded during 2015. The Crist Unit 7 band gas canes on the Low NO_x burners were upgraded with new retractable gas gun burning technology during 2016. Additional gas gun upgrades were installed in 2018.

Project-to-Date: Plant-in-service of \$13,626,493 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: CEMs – Plant Crist and Daniel

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Continuous Emission Monitoring (CEM) line item includes dilution extraction emission monitors that measure the concentrations of sulfur dioxide (SO₂), carbon dioxide (CO₂) and nitrogen oxides (NO_x) in the flue gas. Opacity and flow monitors were also installed under this line item. All CEMs monitors were installed pursuant to the 1990 Clean Air Act Amendments (CAAA).

Accomplishments:

The systems at both Gulf and Mississippi Power continue to successfully exceed routine quality assurance/quality control (QA/QC) audits as required by the 1990 CAAA.

Project-to-Date: Plant-in-service of \$4,696,340 projected at December 2020.

Progress Summary:

The Plant Daniel Units 1 & 2 gas analyzers were replaced during 2005 and the flow monitors were replaced during 2007. During the 2009 recovery period, the CEMS project included replacement of opacity monitors at Plant Crist on Units 4 through 7 and the installation of CEMs equipment for the new Plant Crist scrubber stack to monitor SO₂, NO_x, CO₂ and flow. Plant Crist completed the installation of two CEMS bypass monitoring systems for Units 4 through 7 in the 2011-2012 timeframe. In 2017, Plant Crist replaced the Unit 7 flue gas monitors.

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Substation Contamination Remediation

FPSC Approval: Order No. PSC-95-1051-FOF-EI

Description:

Three groundwater treatment systems were purchased for the treatment of contaminated groundwater at substation sites. Capital components of substation soil remediation projects are also included in the line.

Accomplishments:

Systems have proven effective in groundwater remediation. During 2014, additional groundwater recovery well pumps and controls were added to the existing Ft. Walton substation treatment system.

Project-to-Date: Plant-in-service of \$5,135,893 projected at December 2020.

Progress Summary: During 2019, Gulf is completing replacement of the groundwater remediation equipment at the Fort Walton substation and anticipates completing construction of the Wewa substation remediation system.

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Raw Water Flowmeters - Plants Crist and Smith

FPSC Approval: Order No. PSC-96-1171-FOF-EI

Description:

The Raw Water Flow Meters capital project was necessary for Gulf to comply with the Plant Crist and Plant Smith Consumptive Use and Individual Water Use permits issued by the Northwest Florida Water Management District (NFWFMD). These permits require the installation and monitoring of in-line totaling water flow meters on all existing and future water supply wells. Gulf incurred costs related to the installation and operation of new in-line totaling water flow meters at Plant Crist and Plant Smith for implementation of this new activity.

Accomplishments:

The raw water flow meters have been installed at Plant Crist and Plant Smith.

Project-to-Date: Plant-in-service of \$149,950 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

Description and Progress Report of
Environmental Compliance Activities and Projects

Title: Crist Cooling Tower Cell

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Crist Cooling Tower is a pollution control device which allows condenser cooling water to be continually reinjected into the condenser. The cooling tower reduces water discharge temperatures to meet the National Pollution Discharge Elimination System (NPDES) industrial wastewater permit requirements.

Accomplishments:

Plant Crist has maintained compliance with the temperature discharge limits as required by the facility's NPDES Permit. The original cooling tower cell was retired during July 2007 when the new Crist Unit 7 cooling tower was placed-in-service in June 2007 as part of the Crist scrubber project that is reflected in Air Quality Compliance Program.

Project-to-Date: \$0

Progress Summary: Retired

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Dechlorination System

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

National Pollutant Discharge Elimination System wastewater permits require reductions in chlorine concentrations prior to discharge from the plant. The Crist dechlorination system uses sodium bisulfite to chemically eliminate the residual chlorine present in the plant industrial wastewater prior to discharge.

Accomplishments:

During 2011-2012 Plant Crist replaced the existing sodium bisulfate storage tank and installed a new dechlorination system for the Unit 6 and Unit 7 cooling tower blowdowns and the ECUA return water pit. These systems are necessary in order to dechlorinate the industrial wastewater prior to discharge. The system has been effective in maintaining chlorine discharge limits.

Project-to-Date: Plant-in-service of \$380,697 projected at December 2020.

Progress Summary: In service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Diesel Fuel Oil Remediation

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The Plant Crist diesel fuel oil remediation project included installing monitoring wells in the vicinity of the Crist diesel tank systems. The project also included the installation of an impervious cap to reduce migration of contaminants to groundwater.

Accomplishments: Monitoring wells and an impervious cap were installed.

Project-to-Date: Plant-in-service of \$68,923 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company

Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Bulk Tanker Unloading Secondary Containment

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The Crist Bulk Tanker Unloading Secondary Containment project was necessary to minimize the potential risk of an uncontrolled discharge of pollutants into the waters of the United States. Secondary containment was required to be installed for tank unloading racks pursuant to the Federal Spill Prevention Control and Countermeasures (SPCC) regulation (40 CFR Part 112).

Accomplishments:

The Plant Crist unloading area secondary containment area complies with current SPCC regulatory requirements.

Project-to-Date: Plant-in-service of \$101,495 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist IWW Sampling System

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The 1993 revision to Plant Crist's National Pollutant Discharge Elimination System (NPDES) industrial wastewater permit moved the compliance point from the end of the discharge canal to a point upstream of Thompson's Bayou. To allow for this sample point modification, an access dock was constructed in the discharge canal. The Crist Industrial Wastewater (IWW) project also included a small building for monitoring and sampling equipment.

Accomplishments:

The dock is complete and samples are being collected at the required compliance point.

Project-to-Date: Plant-in-service of \$59,543 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Sodium Injection System

FPSC Approval: Order No. PSC-99-1954-FOF-EI

Description:

The Sodium Injection System line item includes silo storage systems and associated components that inject sodium carbonate directly onto the coal feeder belt to enhance precipitator performance when burning low sulfur coal. Sodium injection was used at Plant Smith on Units 1 and 2 and is used at Plant Crist on Units 4 and 5 as needed. The injection of sodium carbonate as an additive to low sulfur coal reduces opacity levels to maintain compliance with the Clean Air Act provisions.

Accomplishments:

The silo storage and injection system components at Plant Crist have been installed and the system is fully operational. The Smith system was retired in April 2016 after the coal units ceased operations.

Project-to-Date: Plant-in-service of \$284,622 projected at December 2020.

Progress Summary: In Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Smith Stormwater Collection System

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

The National Pollutant Discharge Elimination System (NPDES) stormwater program requires industrial facilities to install stormwater management systems in order to prevent the discharge of impacted stormwater to the surface waters of the United States.

Accomplishments:

The Plant Smith stormwater sump system has been effective in managing onsite stormwater.

Project-to-Date: Plant-in-service of \$2,764,379 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Smith Waste Water Treatment Facility

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

During the 1990's a domestic wastewater treatment facility was installed at Plant Smith to replace the septic tank system that was installed in the early 1960's. In April 2004 a new wastewater treatment facility with additional capacity was installed to replace the facility installed in the 1990's. The new treatment plant includes aeration and chlorination of the wastewater prior to discharge in the Plant Smith ash pond.

Accomplishments: Plant Smith has maintained compliance with the NPDES industrial wastewater permit.

Project-to-Date: Plant-in-service of \$369,791 projected at December 2020.

Progress Summary: During 2019 the domestic wastewater treatment plant is being replaced and relocated as part of the Plant Smith ash pond closure project since the area will be used for future dry ash stacking.

Projections: N/A.

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Daniel Ash Management Project

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The original Daniel Ash Management project included the installation of a dry ash transport system, lining the bottom of the ash pond, closure and capping of the existing fly ash pond, and expansion of the landfill area. During 2006 Plant Daniel completed construction of a new on-site ash storage facility in preparation for the completion and closure of the existing landfill area.

Accomplishments: Construction of the new on-site ash storage facility was completed in 2006. Portions of the original Daniel ash storage facility were closed in place during 2010.

Project-to-Date: Plant-in-service of \$14,950,124 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Smith Water Conservation

**FPSC Approval: Order No. PSC-01-1788-FOF-EI and
 Order No. PSC-09-0759-FOF-EI**

Description:

Specific Condition nine of Plant Smith's consumptive use permit, issued by the Northwest Florida Water Management District (NFWMD), requires the plant to implement measures to increase water conservation and efficiency at the facility. Phase I of the Smith Water Conservation project consisted of adding pumps, piping, valves, and controls to reclaim water from the ash pond. Phase II, the Smith Closed Loop Cooling System for the laboratory sampling system, was installed during 2005 to further reduce groundwater usage. Phase III includes investigating and installing a deep injection well system to allow Plant Smith to utilize reclaimed water.

As discussed in previous filings, Gulf has determined that it is feasible to inject reclaimed water into the Plant Smith deep injection well system. Gulf has installed three deep injection wells, piping, and initial equipment needed for the reclaimed water pump station and for current wastewater discharges.

Project-to-Date: Plant-in-service of \$36,714,245 projected at December 2020.

Progress Summary: Gulf plans to complete design and begin construction of the system needed for reclaimed water and continued permitted wastewater disposal in the fall of 2019. The new wastewater treatment system and permanent pump station are required for Plant Smith to begin using reclaimed water for the Unit 3 cooling tower water supply and continue permitted wastewater disposal.

Projections: The projected 2020 expenditures for this line item total \$12,816,779 million.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Underground Fuel Tank Replacement

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Underground Fuel Tank Replacement Program provided for the replacement of Gulf's underground storage tanks with new above ground tanks (ASTs). The installation of ASTs significantly reduced the risk of potential petroleum product discharges, groundwater contamination, and subsequent remediation activities.

Accomplishments:

All underground storage tanks have been replaced with above ground tank systems.

Project-to-Date: \$0

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist FDEP Agreement for Ozone Attainment

FPSC Approval: Order No. PSC-02-1396-FOF-EI

Description:

The Florida Department of Environmental Protection (FDEP) and Gulf Power entered into an agreement on August 28, 2002 to support Escambia/Santa Rosa County area's effort to maintain compliance with the 8-hour ozone ambient air quality standards. This agreement included a requirement for Gulf to install Selective Catalytic Reduction (SCR) controls on Plant Crist Unit 7, relocate the Crist Unit 7 precipitator, and install a NO_x reduction technology on Plant Crist Unit 6, and Units 4 and 5 if necessary, to meet the NO_x standard specified in the Agreement.

Accomplishments: The new Crist Unit 7 precipitator and SCR were placed in service during 2004 and 2005, respectively. The Crist Unit 6 Selective Non-Catalytic Reduction (SNCR)/low NO_x burners with Over-Fired Air (OFA) technologies were then placed in service during November 2005. The Crist Unit 4 and Unit 5 SNCRs were subsequently placed in service during April 2006. The Crist Unit 6 SNCR was retired during the Spring of 2012 when the Crist Unit 6 SCR was placed in-service. Gulf replaced one layer of the Plant Crist Unit 7 SCR catalyst during the Fall of 2014. Gulf replaced the Plant Crist Unit 7 SCR ammonia unloading piping during 2015 and upgraded the digital control system for the Unit 7 SCR. Gulf replaced a layer of the Plant Crist unit 7 SCR catalyst and installed the Plant Crist unit 6 flame scanner during 2016. Gulf replaced the Crist Unit 7 Fgas fans, a layer of the Plant Crist unit 7 SCR catalyst, and performed work on the Unit 7 SCR during 2018.

Project-to-Date: Plant-in-service of \$121,461,989 projected at December 2020.

Progress Summary: Gulf plans to replace the existing Plant Crist Unit 7 low NO_x burner and simulator controls during 2020. The supplier will be discontinuing support and updates for the existing controls in 2020. To maintain cyber security, the control systems need to be up to date with supported operating systems to prevent and address cyber vulnerabilities.

Projections: The projected 2020 expenditures for this line item total \$107,574.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: SPCC Compliance

FPSC Approval: Order No. PSC-03-1348-FOF-EI

Description:

The SPCC Compliance projects were required as the result of a more stringent July 2002 revision to Title 40 Code of Federal Regulation Part 112, which is commonly referred to as the Spill Prevention Control and Countermeasures (SPCC) regulation. The 2002 regulatory revision specifically included oil-containing electrical equipment within the scope of the regulation. Therefore, oil-filled electrical equipment that has the potential to discharge to navigable waters must be provided with appropriate containment and/or diversionary structures to prevent such a discharge. The 2002 revisions also resulted in oil storage containers having a capacity greater than or equal to 55 gallons being classified as bulk storage containers that are subject to the secondary containment requirements in 40 CFR Part 112.8(c).

Accomplishments: The 2006 SPCC project at Plant Crist routed stormwater from the switchyard drains to the new oil skimming sump where any potential spill could be captured, preventing the oil from reaching surface water. During 2009, Plant Smith installed secondary containment for a padmount transformer located along the ash pond discharge canal. During 2012, Plant Smith installed a secondary containment system for the diesel emergency sump pump system. During 2017, Gulf installed a double walled fuel tank at the Panama City Beach Facility for the emergency generator.

Project-to-Date: Plant-in-service of \$947,925 projected at December 2020.

Progress Summary: In-service

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Common FTIR Monitor

FPSC Approval: Order No. PSC-03-1348-FOF-EI

Description:

The purchase of a Fourier Transform Infrared (FTIR) spectrometer, a device used to measure and analyze various low concentration stack gas emissions, was required at Plant Crist under Title V regulations.

Accomplishments: Purchasing the FTIR instrument has enabled Gulf Power to measure ammonia slip emissions as required by the Plant Crist air permit.

Project-to-Date: Plant-in-service of \$62,870 projected at December 2020.

Progress Summary: In-Service

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Precipitator Upgrades for Compliance Assurance Monitoring Compliance

FPSC Approval: Order No. PSC-04-1187-FOF-EI

Description: Compliance Assurance Monitoring (CAM) Precipitator Upgrades were required to comply with new CAM regulations incorporated into Gulf's Title V permits in the 2005 time frame. CAM requirements are regulated under Title V of the 1990 Clean Air Act Amendments (CAAA) which requires a method of continuously monitoring particulate emissions. Opacity can be used as a surrogate parameter if the precipitator demonstrates a correlation between opacity and particulate matter. Gulf demonstrated this correlation by stack testing in 2003 and 2004, and the results were included as part of the CAM plans in Gulf's Title V Air Permits effective January 2005. Several precipitator upgrades have been necessary to meet the more stringent surrogate opacity standards under CAM.

Accomplishments: The Plant Smith Unit 2 and Unit 1 precipitator upgrades were placed in service during April 2005 and May 2007, respectively. The Plant Scholz Unit 2 precipitator upgrade was completed during December of 2007. The Plant Crist Units 4 and 5 precipitator upgrades were placed in-service during March of 2008. The Scholz precipitators were retired in 2015. The Plant Smith precipitators were retired in April 2016 after the Plant Smith Units 1 & 2 ceased operations.

Project-to-Date: Plant-in-service of \$13,997,696 projected at December 2020.

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Plant Groundwater Investigation

FPSC Approval: Order No. PSC-05-1251-FOF-EI

Description: The Florida Department of Environmental Protection (FDEP) lowered the arsenic groundwater standard from 0.05 mg/L to 0.01 mg/L effective January 1, 2005. Historical groundwater monitoring data from Plants Crist and Scholz indicated that these facilities may be unable to comply with the lower standard.

Accomplishments: The Plant Crist and Plant Scholz projects have been canceled because Gulf has been released from any arsenic remedial actions at these sites.

Project-to-Date: \$0

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Crist Water Conservation Project

FPSC Approval: Order No. PSC-05-1251-FOF-EI

Description:

This project is part of the Plant Crist water conservation and consumptive use efficiency program to reduce the demand for groundwater and surface water withdrawals. Specific Condition six of the Northwest Florida Water Management District Individual Water Use Permit Number 19850074 issued January 27, 2005 requires Plant Crist to implement measures to increase water conservation and efficiency at the facility. The first Plant Crist Water Conservation project was placed in service during 2006. This project included installing automatic level controls on the fire water tanks to reduce groundwater usage. The second phase of the project involves utilizing reclaimed water from ECUA's wastewater treatment plant to reduce the demand for groundwater and surface water withdrawals at Plant Crist. The Northwest Florida Water Management District has agreed that this is a valid project to pursue for continued implementation of the water conservation effort.

Accomplishments: Level controls were installed on the fire tank system during 2006. Portions of the Plant Crist reclaimed water project were placed in-service in 2009 and 2010. Gulf began receiving reclaimed water from ECUA in November 2010. During the 2011-2012 timeframe, Gulf installed defoaming and acid injection systems for the Units 6-7 cooling towers to treat scaling and foam associated with reclaimed water usage. During 2017, Gulf replaced two header pumps that were installed when Plant Crist began receiving reclaimed water.

Project-to-Date: Plant-in-service of \$20,379,391 projected at December 2020.

Progress Summary: During 2018-2019, Gulf replaced pumps, piping, valves and motors that were installed when Plant Crist began receiving reclaimed water.

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Plant NPDES Permit Compliance Projects

FPSC Approval: Order No. PSC-05-1251-FOF-EI

Description: The water quality based copper effluent limitations included in Chapter 62 Part 302, Florida Administrative Code (F.A.C.) were amended in April 2002 with an effective date of May 2002. The more stringent hardness based standard is included by reference in the Plant Crist National Pollutant Discharge Elimination System (NPDES) industrial wastewater permit.

Accomplishments: Plant Crist installed stainless steel condenser tubes on Unit 6 during June 2006 in an effort to meet the revised water quality standards during times of lower hardness in the river water. During 2008, Plant Crist completed the second phase of the project which involved installing a chemical treatment system in the ash pond. During 2010, Gulf completed the third phase of the project that included installing an aeration system in the ash pond. During 2011-2012, Plant Crist completed installation of a new caustic tank and a sulfuric acid tank as part of the ash pond chemical treatment system. While these projects significantly reduced copper concentrations, Plant Crist reported an exceedance of the copper standard in second quarter 2017 that resulted in FDEP requiring Gulf to implement a plan of study to further reduce copper concentrations in the discharge.

Project-to-Date: Plant-in-service of \$13,082,311 projected at December 2020.

Progress Summary:

Gulf Power submitted results of the copper plan of study in June 2019 that recommended retubing the Unit 6C service water cooler and Units 4 and 5 condensers with stainless steel tubes to eliminate these copper sources. On July 5, 2019 FDEP approved the proposed corrective actions and implementation schedule. FDEP Order 17-1224 requires Gulf to complete the corrective actions to address copper by January 25, 2021. Gulf is currently in the process of procuring material for retubing the Unit 6C service water cooler in order to complete the project during the fall 2019 outage while the Units 4 and 5 condenser project is expected to be completed in the 2020 timeframe.

During 2019, Plant Smith completed replacement of the second discharge canal crossover to allow for continued safe access for obtaining representative main plant discharge samples as required by the Plant Smith NPDES industrial wastewater permit.

Projections: Expenditures for the Crist copper compliance projects are estimated to be \$3,131,598 in 2020.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Air Quality Compliance Program

FPSC Approval: Order No. PSC-06-0972-FOF-EI

Description: This line item covers the prudently incurred costs for compliance with Gulf's Air Quality Compliance Program including the expenses associated with Gulf's ownership portion of the Scherer 3 baghouse, SCR, and scrubber projects and associated equipment.

Accomplishments: The Plant Smith Unit 1 and Unit 2 SNCRs were placed in service during May 2009 and December 2008, respectively. The Plant Smith SNCRs were retired in April 2016 after Plant Smith Units 1 & 2 ceased operations. The Crist Units 4 - 7 scrubber project was placed in-service in December of 2009 and the Crist Unit 6 hydrated lime injection system was placed in-service in 2011. The Plant Crist Unit 6 SCR was placed-in-service in April of 2012. The Plant Daniel scrubber projects were placed in-service in November 2015. Plant Daniel's bromine and activated carbon injection systems were placed in-service in December 2015. The scrubbers when used in conjunction with the bromine and activated carbon injection systems will allow Plant Daniel to comply with the MATS standards. Plant Scherer 3 baghouse was placed in-service February 2009, SCR in-service December 2010, and scrubber in-service March 2011.

Project-to-Date: Plant-in-service of \$1,349,650,497 projected at December 2020.

Progress Summary: During 2019 Plant Crist completed construction of a new limestone system that will add limestone to the coal to help maintain the performance of catalyst used in the SCRs.

Projections: During 2020, \$4 million is projected for expansion of the Plant Crist Underground Injection Control (UIC) pump station. The expansion will allow Plant Crist to utilize two additional wells for disposal of wastewater generated from the gypsum storage area and associated groundwater remediation system. Additionally, this line item includes approximately \$3,022,922 of expenditures to upgrade the Plant Crist Unit 6 SCR and scrubber controls for cyber security requirements. The projected capital Cost for Gulf's ownership portion of the Scherer Unit 3 scrubber is approximately \$292,112 to replace scrubber system pumps and valves and to conduct roadway improvements for work around the gypsum landfill. Plant Daniel will also be replacing the low NOx burners on Unit 1, which have reached the end of their useful life. The cost of the new low NOx burners is approximately \$510,000.

The total projected 2020 expenditures for this line item total \$7,825,035.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: General Water Quality

FPSC Approval: Order No. PSC-06-0972-FOF-EI

Description: The General Water Quality line item includes capital expenditures required to ensure compliance with Gulf Power's NPDES industrial wastewater permits. Gulf purchased a boat during 2007 for surface water sampling required by the Plants Crist, Smith and Scholz National Pollutant Discharge Elimination System (NPDES) permits. The permits had new conditions which required Gulf to establish a biological evaluation plan and implementation schedule for each plant.

Accomplishments: The General Water Quality sampling boat was purchased during 2007. It is currently being used to conduct Gulf's surface water sampling for Plant Crist. Plant Crist installed additional groundwater monitoring wells during 2017-2019 for compliance with the plant's NPDES industrial wastewater permit.

Project-to-Date: Plant-in-service of \$868,976 projected at December 2020.

Projections:

During the Plant Crist industrial wastewater permit renewal process, FDEP inquired about the status of the Crist closed ash landfill and potential impacts to adjacent waters. In the fall of 2017, FDEP permitting staff conducted a site visit and requested Gulf collect water quality samples in the surface waters adjacent to the closed ash landfill which is located between Governor's Bayou and the Escambia River. After reviewing the resulting data, FDEP directed Gulf to submit a plan of study identifying potential geological and engineering assessment methods that would allow Gulf to evaluate the integrity of the landfill, and to identify "any seeps and discharges as well as the quantity and quality of those discharges to waters of the state" from the CAL.

Gulf began implementing field work portions of the plan of study in June 2018 and completed work in the April 2019 timeframe. An engineering report summarizing findings from the study and rehabilitation options evaluated was submitted to FDEP on July 23, 2019. The report recommends regrading and capping the surface of the CAL with a low permeability, synthetic material. These actions are needed to reduce infiltration, provide separation of ash and stormwater, and to provide stability improvements. On August 28, 2019 FDEP approved the proposed action plan and implementation schedule. FDEP Order 17-1224 requires Gulf to complete FDEP approved rehabilitation actions by July 23, 2023.

The projected 2020 expenditures for this line item total \$10,153,027.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Coal Combustion Residuals
FPSC Approval: PSC-15-0536-FOF-EI

Description: The CCR program is related to the regulation of Coal Combustion Residuals (CCR) by the EPA and State Environmental Agencies. For Gulf's generating plants, these regulatory compliance obligations are pursuant to either the CCR rule adopted in April of 2015 or through new permit requirements added by FDEP; through NPDES wastewater permits issued for each of Gulf's generating facilities pursuant to authority granted under the Clean Water Act. The CCR rule is located in Title 40 Code of Federal Regulations (CFR) Parts 257 and 261.

Accomplishments: Gulf installed additional groundwater monitoring wells at Plants Crist, Daniel, and Smith during 2015. In 2017, Gulf completed construction of a slurry wall and new industrial wastewater treatment pond at Scholz. Construction activities for the ash pond closures at Plant Scholz and Plant Smith began in 2018.

Project-to-Date: Plant-in-service of \$89,399,019 projected at December 2020.

Progress Summary: During 2020, the Scholz ash pond closure project will include construction of a new stormwater management system, transferring CCR material to a dry stack area within the footprint of the pond, and capping the dry stack area with closure turf material. Plant Smith will complete construction of a new industrial wastewater treatment pond and proceed with construction of two additional ponds and a slurry wall. During pond construction, CCR material will be excavated and transported to a new dry stack area within the footprint of the pond.

Construction of the Scherer CCR wastewater management system will continue in 2020 and construction will begin on Cell 3 of the onsite landfill for CCR storage. Scherer will proceed with siting studies and preliminary design for a new landfill.

Plant Daniel must cease placing waste streams into the ash pond no later than October 31, 2020, in accordance with the CCR rule. New wastewater treatment and ash handling systems are required for the waste streams currently being routed to the pond prior to the deadline. During 2020, the dry bottom ash conversion projects are scheduled to be placed in-service and a temporary wastewater treatment system will be installed to provide treatment for low volume wastewater streams while the plant closes and repurposes the bottom ash pond to serve as a low volume wastewater treatment pond.

Plant Crist has projected \$150,000 of capital expenditures in 2020 for additional CCR groundwater monitoring wells.

Projections: The total projected 2020 expenditures for this line item total \$49,278,428.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Steam Electric Power Effluent Limitations Guidelines and Standards

FPSC Approval: PSC-15-0536-FOF-EI

Description: In 2015, the EPA finalized revisions to the steam electric effluent limitations guidelines (ELG) rule, which imposes stringent technology-based requirements for certain waste streams from steam electric generating units. The revised technology-based limits and compliance dates will require extensive modifications to existing ash and flue gas desulfurization (FGD) scrubber wastewater management systems or the installation and operation of new wastewater management systems. Compliance applicability dates in the 2015 rule ranged from November 1, 2018, to December 31, 2023.

On September 18, 2017, EPA published a final rule in the Federal Register that delayed the earliest ELG applicability date for FGD wastewater and bottom ash transport water from the original (2015 rule) “as soon as possible date” of November 1, 2018 to a new “as soon as possible” date of November 1, 2020, to allow time for EPA to reconsider the requirements for FGD wastewater and bottom ash transport water. The 2017 rule did not change the latest applicability date or “no later than” date of December 31, 2023.

State environmental agencies will incorporate specific applicability dates in the NPDES permitting process based on requirements provided for each waste stream. The EPA plans to propose ELG rule revisions in the second half of 2019 and to finalize the rulemaking by December 2020.

Project-to-Date: Plant-in-service of \$5,657,885 projected at December 2020.

Progress Summary: Gulf has projected expenditures in 2020 for engineering and design of Gulf’s ownership portion of the Scherer scrubber wastewater treatment system.

Projections: The projected 2020 expenditures for this line item total \$871,250.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: 316(b) Intake Structure Regulation

FPSC Approval: Order No.

Description: On August 15, 2014, the EPA published final regulations under Section 316(b) of the Clean Water Act for cooling water intake structures at existing electric generating facilities. The rule found in Title 40 Parts 122 and 125 of the Code of Federal Regulations, (See Exhibit RMM-1), became effective on October 14, 2014, requiring existing facilities withdrawing greater than 2 million gallons per day (MGD) to adopt one of seven options for addressing impingement at the entrance to existing cooling water intake structures. Although the ultimate 316(b) compliance strategy and design will be approved by the state environmental permitting agencies, with possible input from the U.S. Fish and Wildlife Service and National Marine Fisheries Service (Services) and EPA, Gulf Power's preliminary studies indicate Plant Smith will need to install new lower capacity intake pumps and a closed-cycle cooling tower monitoring system for the existing Unit 3 closed-cycle cooling tower.

Accomplishments: N/A

Project-to-Date: Plant-in-service of \$2,000,000 projected at December 2020.

Progress Summary: Gulf plans to install new lower capacity intake pumps at Plant Smith during 2019. The Plant Smith industrial wastewater permit required Gulf to submit information required under the Cooling Water Intake Structure 316(b) rule with its 2019 permit renewal for FDEP review and approval

Projections: N/A

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**Description and Progress Report of
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Title: Mercury Allowances

FPSC Approval: Order No. PSC-07-0721-S-EI

Description:

Mercury Allowances were included as part of Gulf's March 2007 CAIR/CAMR/CAVR Compliance Program. The purchase of allowances in conjunction with the retrofit projects comprised the most reasonable, cost-effective means for Gulf to meet the CAIR, CAMR and CAVR requirements. On February 8, 2008, the U.S. Court of Appeals for the District of Columbia Circuit issued an opinion vacating EPA's CAMR. The vacatur became effective with the issuance of the court's mandate on March 14, 2008, nullifying CAMR mercury emission control obligations and monitoring requirements. In response to the CAMR vacatur, mercury allowances have been removed from Gulf's Air Quality Compliance Program.

Accomplishments: N/A

Project-to-Date: N/A

Progress Summary: N/A

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Annual NO_x Allowances

FPSC Approval: Order No. PSC-07-0721-S-EI

Description:

Although the retrofit installations set forth in Gulf's Air Quality Compliance Program significantly reduce emissions, they will not result in Gulf achieving CAIR compliance levels without the purchase of some emission allowances. Thus, Gulf's Compliance Program called for the purchase of allowances as needed. The purchase of allowances in conjunction with the retrofit projects comprised the most reasonable, cost-effective means for Gulf to meet CAIR requirements. CAIR has now been replaced by CSAPR. Annual NO_x Allowances are currently required for Scherer Unit 3.

Accomplishments: N/A

Project-to-Date: N/A

Progress Summary:

Gulf began surrendering annual NO_x allowances during 2009.

Projections: The projected 2020 O&M Annual NO_x allowance expenses are \$3,087.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: Seasonal NO_x Allowances

FPSC Approval: Order No. PSC-07-0721-S-EI

Description:

Although the retrofit installations set forth in Gulf's Air Quality Compliance Program significantly reduce emissions, the projects would not result in Gulf achieving CAIR/CASPR compliance levels without the purchase of some emission allowances. Thus, Gulf's Compliance Program called for the purchase of allowances as needed. The purchase of allowances in conjunction with the retrofit projects comprised the most reasonable, cost-effective means for Gulf to meet CAIR/CSAPR requirements. Seasonal NO_x Allowances are currently required for Scherer Unit 3 and Daniel Units 1 and 2.

Accomplishments: N/A

Project-to-Date: N/A

Progress Summary:

Gulf began surrendering seasonal NO_x allowances during 2009.

Projections: Gulf has projected the need to purchase seasonal NO_x allowances for Plant Daniel in 2020. Gulf has projected \$85,000 of cost for Line item 1.33 during 2020.

Gulf's total projected 2020 O&M Seasonal NO_x allowance expenses are \$7,113.

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**Description and Progress Report of
Environmental Compliance Activities and Projects**

Title: SO₂ Allowances

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

Part of Gulf's strategy to comply with the Acid Rain Program under the Clean Air Act Amendments of 1990 was to bring several of Gulf's Phase II generating units into compliance early and bank the SO₂ allowances associated with those units. SO₂ reductions under the CAIR program utilized this program requiring an increased rate of surrender beginning in 2010. Gulf's bank has slowly been drawn down over the years due to more allowances being consumed than are allocated to Gulf by EPA. Gulf proposed to meet this shortfall by executing forward contracts to secure allowances supplemented with forward contracts, swaps, and spot market purchases of allowances as prices dictate. With the Plant Crist scrubber online in December 2009, and the Plant Daniel scrubbers online in November 2015, purchasing of allowances has ceased and the bank is growing.

Accomplishments: Gulf executed forward contracts to secure allowances during 2006, 2007, and 2009.

Project-to-Date: N/A

Progress Summary: See Accomplishments

Projections: The projected 2020 O&M SO₂ allowance expenses are \$9,874.

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Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.1

Title: Sulfur

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Plant Crist Unit 7 sulfur trioxide (SO₃) flue gas system allowed for the injection of SO₃ into the flue gas stream. The addition of sulfur trioxide to the flue gas improved the collection efficiency of the precipitator when burning a low sulfur coal. Sulfur trioxide agglomerated the particles which in turn enhanced the collection efficiency of the precipitator.

Accomplishments:

The flue gas injection system was retired during 2005.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.2**

Title: Air Emission Fees

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

Air Emission Fees are the annual fees required by the Florida Department of Environmental Protection (FDEP), Georgia Environmental Protection Division (EPD), and Mississippi Department of Environmental Quality (MDEQ) under Title V of the 1990 Clean Air Act Amendments.

Accomplishments:

Fees have been paid by due dates.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$285,269

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.3**

Title: Title V

FPSC Approval: Order No. PSC-95-0384-FOF-EI

Description:

Title V expenses are associated with preparation of the Clean Air Act Amendments (CAAA) Title V permit applications and the subsequent implementation of Title V permits. Renewal of the Title V permits is on a five-year cycle (i.e. 2014, 2019, etc). Title V permits are periodically revised between renewals to incorporate major changes or modifications of a source.

Accomplishments:

Gulf's Title V permit renewals were finalized in January 2015 and are valid for a 5-year period. Title V permit amendments to incorporate a new Southern System NOx Averaging Plan for the Acid Rain Program (Title IV Permits) were issued by FDEP during July 2016 for Plant Crist, Plant Scholz and Plant Smith. Gulf's Perdido Landfill Gas-to-Energy Facility Title V permit was issued on November 16, 2016 and is valid for a 5-year period.

Gulf's Plant Crist and Plant Smith Title V permit renewals are in progress for August 2019 submittals. The Plant Scholz Title V permit has been retired. Gulf's Pea Ridge Title V permit was renewed May 15, 2019 and is valid for 5 years. Gulf's Perdido Landfill Gas-to-Energy Facility Title V permit was issued on November 16, 2016 and is valid for a 5-year period.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$231,465

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**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.4**

Title: Asbestos Fees

FPSC Approval: Order No. PSC-94-1207-FOF-EI

Description:

Asbestos Fees include both annual and individual project fees due to the Florida Department of Environmental Protection (FDEP) for asbestos abatement projects.

Accomplishments:

Fees are paid as required by FDEP.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$1,000

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.5**

Title: Emission Monitoring

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Emission Monitoring program provides quality assurance/quality control testing for Continuous Emission Monitoring systems, including Relative Accuracy Test Audits and Linearity Tests, as required by the Clean Air Act Amendments (CAAA) of 1990.

Accomplishments:

All systems are in compliance.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$736,399

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.6**

Title: General Water Quality

FPSC Approval: **Order No. PSC-94-0044-FOF-EI**
 Order No. PSC-04-1187-FOF-EI
 Order No. PSC-08-0775-FOF-EI
 Order No. PSC-11-0553-FOF-EI

Description:

The General Water Quality program includes activities undertaken pursuant to the Company's NPDES industrial wastewater permit including dechlorination, surface and groundwater monitoring studies and associated assessment activities, and soil contamination studies. This line item also includes expenses for Gulf's Cooling Water Intake program, the Impaired Waters Rule, Storm Water Maintenance, and the Impoundment Integrity project.

Accomplishments:

All activities are on-going in compliance with applicable environmental laws, rules, and regulations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$1,542,599

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.7**

Title: Groundwater Contamination Investigation

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Groundwater Contamination Investigation project includes sampling and testing to determine possible environmental impacts to soil and groundwater from past herbicide applications at various substation sites. Once possible environmental impacts to groundwater and soils have been identified cleanup operations are initiated.

Accomplishments:

The Florida Department of Environmental Protection has issued a No Further Action (NFA) letter or Site Rehabilitation Completion Order for 98 sites.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$2,241,964

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.8**

Title: State NPDES Administration

FPSC Approval: Order No. PSC-95-1051-FOF-EI

Description:

The State NPDES Administration fees are required by the State of Florida's National Pollutant Discharge Elimination System (NPDES) program administration. Annual and five-year permit renewal fees are required for the NPDES industrial wastewater permits at Plants Crist, Smith and Scholz.

Accomplishments:

Gulf has complied with the NPDES program administration fee submittal schedule.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$35,000

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.9**

Title: Lead & Copper Rule

FPSC Approval: Order No. PSC-95-1051-FOF-EI

Description:

The Lead and Copper Rule expenses include potable water treatment and sampling costs as required by the Florida Department of Environmental Protection (FDEP) regulations.

Accomplishments:

Gulf has complied with all sampling and analytical protocols.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.10**

Title: Environmental Auditing/Assessment

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The Environmental Auditing/Assessment program ensures continued compliance with environmental laws, rules, and regulations through auditing and/or assessment of company facilities and operations.

Accomplishments:

Audits and assessments completed to date have demonstrated compliance with environmental laws, rules, and regulations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$15,000

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.11**

Title: General Solid and Hazardous Waste

FPSC Approval: Order No. PSC-94-0044-FOF-EI

Description:

The General Solid and Hazardous Waste program provides for the proper identification, handling, storage, transportation and disposal of solid and hazardous wastes. This line item also includes O&M expenses associated with Gulf's Spill Prevention Control and Countermeasures (SPCC) plans.

Accomplishments:

Gulf has complied with all hazardous and solid waste regulations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$968,840

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.12**

Title: Above Ground Storage Tanks

FPSC Approval: Order No. PSC-97-1047-FOF-EI

Description:

The aboveground storage tank projects are required under the provisions of Chapter 62-762, F.A.C. which includes specific performance standards applicable to storage tank systems. These performance standards include maintenance requirements, installation of secondary containment and cathodic protection systems, as well as periodic tank integrity testing.

Accomplishments:

Gulf has complied with all applicable storage tank requirements.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$183,659

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.13**

Title: Low NO_x

FPSC Approval: Order No. PSC-98-0803-FOF-EI

Description:

The Low NO_x activity refers to the maintenance expenses associated with the Low NO_x burner tips on Crist Units 4 & 5 and Smith Unit 1.

Accomplishments:

Burner tips were installed on Plant Crist Units 4 & 5 and Plant Smith Unit 1. The Plant Smith Unit 1 Low NO_x burners were retired in April 2016 when the unit ceased operations.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.14**

Title: Ash Pond Diversion Curtains

FPSC Approval: Order No. PSC-98-1764-FOF-EI

Description:

The installation of flow diversion curtains in the Plant Crist industrial wastewater pond were required to effectively increase water retention time in the pond. Diversion curtains allow for the sedimentation/precipitation treatment process to be more effective in reducing levels of suspended particulate from the Plant Crist outfall.

Accomplishments:

Plant Crist replaced the diversion curtains and dredged the pond during the 2009-2010 timeframe.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.15**

Title: Mercury Emissions

FPSC Approval: Order No. PSC-99-0912-FOF-EI

Description: The Mercury Emissions program pertains to requirements for Gulf to periodically analyze coal shipments for mercury and chlorine content. The Environmental Protection Agency (EPA) mandated that shipments of coal would be analyzed for mercury and chlorine only during 1999. No further notices of continued sampling requirements of coal shipments beyond 1999 have been issued by EPA, therefore, no expenses have been planned for this activity.

Accomplishments:

Coal shipments were analyzed as required during 1999. Sampling and analytical requirements are not expected during 2020.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.16**

Title: Sodium Injection

FPSC Approval: Order No. PSC-99-1954-FOF-EI

Description:

This line item includes O&M expenses associated with the sodium injection system at Plant Crist. Sodium carbonate is added to the Plant Crist coal supply to enhance precipitator efficiencies when burning certain low sulfur coals.

Accomplishments:

Sodium carbonate injection is used at Plant Crist as necessary when low sulfur coal is burned.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.17**

Title: Gulf Coast Ozone Study (GCOS)

FPSC Approval: Order No. PSC-00-0476-FOF-EI

Description:

This project referred to Gulf's participation in the Gulf Coast Ozone Study (GCOS) which was a joint modeling analysis between Gulf Power and the State of Florida to provide an improved basis for assessment of eight-hour ozone air quality for Northwest Florida. The goal of the project was to develop strategies for ozone ambient air attainment to supplement the Florida Department of Environmental Protection (FDEP) studies submitted to the Environmental Protection Agency (EPA) for Escambia and Santa Rosa counties.

Accomplishments: The GCOS project was completed during 2006.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
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January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.18**

Title: SPCC Substation Project

FPSC Approval: Order No. PSC-03-1348-FOF-EI

Description:

During 2002 EPA published a revision to Title 40 Code of Regulation Part 112, commonly referred to as the Spill Prevention Control and Countermeasures (SPCC) regulation. The revision expanded applicability of the rule to specifically include oil containing electrical transformers and regulators. Gulf was required to install additional containment and/or diversionary structures or equipment at several substations to prevent a potential discharge of oil to navigable waters of the United States or adjoining shorelines.

Accomplishments: Gulf has assessed its substations to determine which sites are subject to the revised SPCC regulations. Additional containment has been added to the substations that were identified as having a higher risk of discharging oil into navigable waters of the United States or adjoining shorelines.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.19**

Title: FDEP NO_x Reduction Agreement

FPSC Approval: Order No. PSC-02-1396-FOF-EI

Description: This line item includes O&M expenses associated with the Crist Unit 7 SCR and the Crist Units 4 and 5 Selective Non-Catalytic Reduction (SNCR) projects that were included as part of the Florida Department of Environmental Protection (FDEP) and Gulf Power Agreement entered into on August 28, 2002 to address ozone attainment. Anhydrous ammonia, urea, air monitoring, catalyst regeneration, and general operation and maintenance expenses are included in this line item.

Accomplishments: The Crist Unit 7 SCR and the Crist Units 4 and 5 SNCRs are fully operational. The Crist Unit 6 SNCR was retired when the Crist Unit 6 SCR was placed in-service during the Spring of 2012. The Crist Unit 6 SCR was installed as part of the Air Quality Compliance Program.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$560,731

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.20**

Title: Air Quality Compliance Program

**FPSC Approval: Order No. PSC-06-0972-FOF-EI
 Order No. PSC-13-0506-PAA-EI
 Order No. PSC-17-0178-S-EI**

Description: This line item covers prudently incurred costs for compliance with Gulf's Air Quality Compliance Program including expenses associated with Gulf's ownership portion of the Scherer 3 baghouse, SCR, and scrubber projects as well as associated equipment. More specifically, the line item includes the cost of anhydrous ammonia, hydrated lime, urea, limestone and general O&M expenses.

Accomplishments: The Plant Smith Unit 1 and Unit 2 SNCRs were placed in service during May 2009 and December 2008, respectively. The Smith SNCRs were retired in April 2016 after the coal units cease operations. The Crist Units 4 -7 scrubber project was placed in-service December of 2009 and the Crist Unit 6 hydrated lime injection system was placed in-service in 2011. The Plant Crist Unit 6 SCR was placed-in-service in April of 2012. The Plant Daniel scrubbers were placed in-service in November 2015. The Plant Daniel Bromine and Activated Carbon Injection systems were placed in-service in December 2015. This line items includes expenses associated with a baghouse, SCR, and scrubber as well as associated equipment installed at Plant Scherer 3. Plant Scherer 3 baghouse was placed in-service February 2009, SCR in-service December 2010, and scrubber in-service March 2011.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$18,287,138

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.21**

**Title: Maximum Achievable Control Technology (MACT)
Information Collection Request (ICR)**

FPSC Approval: Order No. PSC-09-0759-FOF-EI

Description: During early 2010 EPA finalized an extensive Information Collection Request (ICR) for coal and oil fired steam electric generating units to support Maximum Achievable Control Technology (MACT) rulemaking under Section 112 of the Clean Air Act (CAA). The ICR required submission of information on control equipment efficiencies, emissions, capital and O&M costs, and fuel data for all coal and oil fired generating units greater than 25 MW.

Accomplishments:

Gulf completed the Part I & 2 MACT ICR survey and the Part 3 emissions testing reports during 2010.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: N/A

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.22**

Title: Crist Water Conservation

FPSC Approval: Order No. PSC-08-0775-FOF-EI

Description: Gulf Power entered into an agreement with the Emerald Coast Utilities Authority (ECUA) to begin utilizing reclaimed water to reduce the demand for groundwater and surface water withdrawals. This line item includes general O&M expenses associated with the Plant Crist reclaimed water system such as piping, pump, and valve maintenances.

Accomplishments:

Gulf began receiving reclaimed water from ECUA during November 2010.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$45,978

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.23**

Title: Coal Combustion Residuals

FPSC Approval: PSC-15-0536-FOF-EI

Description: The Coal Combustion Residuals (CCR) program includes expenses related to the regulation of Coal Combustion Residuals by the United States Environmental Protection Agency ("EPA") and the Florida Department of Environmental Protection ("FDEP"). On April 17, 2015 EPA published the final CCR rule in the Federal register regulating CCR disposal under Subtitle D of the Resource Conservation and Recovery Act (RCRA). The CCR rule is located in Title 40 Code of Federal Regulations (CFR) Parts 257 and 261. The CCR rule regulates the disposal of CCR, including coal ash and gypsum, as non-hazardous solid waste at active generating power plants. The rule applies to CCR Units at Gulf's Plants Crist, Scherer, Smith, and Daniel. Plant Scherer is also regulated under Georgia's Environmental Protection Division CCR Rule, which requires permit applications to be submitted for the facility's ash pond and CCR landfill by November 22, 2019.

In addition, pursuant to its authority granted under the Clean Water Act, the FDEP issues National Pollutant Discharge Elimination System (NPDES) industrial wastewater permits for each of Gulf's generating facilities. A NPDES permit renewal for Plant Scholz (FL0002283) was issued on October 20, 2015 which requires closure of the existing on-site ash pond.

Accomplishments:

During 2015 Gulf established a publicly available website, began conducting and documenting weekly and monthly inspections, and prepared a fugitive dust plan as required by the CCR rule. Gulf also installed permanent markers at all CCR ponds and conducted annual inspections of the CCR impoundments and landfills. In 2017, Gulf completed construction of the Plant Scholz slurry wall, industrial wastewater pond, and supporting activities to facilitate closure. In 2018, Gulf moved forward with the Smith and Scholz ash pond closure projects which includes removing CCR material from portions of the existing ponds, and transferring CCR material to a dry stack area within the footprint of the pond.

Fiscal Expenditures: N/A

Progress Summary: See Accomplishments

Projections: \$6,866,072

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Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
January 2020 - December 2020

**Description and Progress Report of
Environmental Compliance Activities and Projects
O & M Line Item 1.24**

Title: Smith Water Conservation

FPSC Approval: Order No. PSC-09-0759-FIF-EI

Description: Specific Condition Nine of the Northwest Florida Water Management District (NFWMD) Individual Water Use Permit Number 19850773 (Permit) issued on November 30, 2006, requires Gulf's Plant Smith to implement measures to increase water conservation and efficiency. On October 20, 2008, the NWFMD issued a letter stating that the re-use of reclaimed water meets the requirement listed in Specific Condition Nine in the Permit. This line item includes general O&M expenses associated with the Plant Smith reclaimed water system such as sampling and analytical charges, and mechanical integrity testing expenses required by the FDEP permit.

Fiscal Expenditures: N/A

Progress Summary: Gulf has installed three deep injection wells, a pump station and associated piping

Projections: \$48,696

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

ENVIRONMENTAL COST RECOVERY CLAUSE

DOCKET NO. 20190007-EI

**PREPARED DIRECT TESTIMONY
AND EXHIBIT OF
C. SHANE BOYETT**

**PROJECTION FILING
FOR THE PERIOD**

JANUARY 2020- DECEMBER 2020

August 30, 2019



Gulf Power®

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GULF POWER COMPANY
Before the Florida Public Service Commission
Prepared Direct Testimony of
C. Shane Boyett
Docket No. 20190007-EI
Date of Filing: August 30, 2019

- Q. Please state your name, business address and occupation.
- A. My name is Shane Boyett. My business address is One Energy Place, Pensacola, Florida 32520. I am the Regulatory, Forecasting and Planning Manager for Gulf Power Company. (Gulf or the Company).
- Q. Have you previously filed testimony in this docket?
- A. Yes I have.
- Q. What is the purpose of your testimony?
- A. The purpose of my testimony is to present both the calculation of revenue requirements and the development of environmental cost recovery factors for the period January 2020 through December 2020. I will also present a correction of Gulf Power's weighted average cost of capital and resulting recalculation of the 2019 estimated true-up amount based upon the revised May 2019 Earnings Surveillance Report (Revised May ESR) that was submitted to the Florida Public Service Commission (FPSC or Commission) on August 8, 2019.

1 Q. Have you prepared any exhibits that contain information to which you will
2 refer in your testimony?

3 A. Yes, I am sponsoring two exhibits. My first exhibit consists of eight
4 schedules, which are Gulf Power's environmental cost recovery projection
5 schedules. My second exhibit contains five schedules that provide the
6 recalculation of the estimated true-up amount for the period January 2019
7 through December 2019, which was filed with the FPSC in Docket No.
8 20190007-EI on July 26, 2019. Both exhibits were prepared under my
9 direction, supervision, or review.

10

11 Counsel: We ask that Mr. Boyett's exhibits
12 be marked as Exhibit No. ____ (CSB-3)
13 and Exhibit No. ____ (CSB-4)

14

15 Q. What environmental costs is Gulf requesting recovery of through the
16 Environmental Cost Recovery Clause (ECRC)?

17 A. As discussed in the testimony of Gulf Witness Richard M. Markey, Gulf is
18 requesting recovery for certain environmental compliance expenses and
19 capital costs that are consistent with both the decision of the Commission in
20 Order No. PSC-94-0044-FOF-EI in Docket No. 930613-EI and past
21 proceedings in this ongoing recovery docket. The costs identified for
22 recovery through the ECRC are not currently being recovered through base
23 rates or any other cost recovery mechanism.

24

25

1 Q. How was the amount of projected Operations and Maintenance (O&M)
2 expenses to be recovered through the ECRC calculated?

3 A. Mr. Markey has provided projected recoverable O&M expenses for
4 January 2020 through December 2020. Schedule 2P of Exhibit CSB-3
5 shows the calculation of the recoverable O&M expenses broken down
6 between demand-related and energy-related expenses. Schedule 2P also
7 provides the jurisdictional recoverable O&M expenses. All O&M expenses
8 associated with compliance with air quality environmental regulations were
9 considered to be energy-related, consistent with Commission Order No.
10 PSC-94-0044-FOF-EI. The remaining expenses were broken down
11 between demand and energy, consistent with Gulf's last approved cost-of-
12 service methodology.

13

14 Q. Please describe Schedules 3P and 4P of your Exhibit CSB-3.

15 A. Schedule 3P summarizes the monthly recoverable revenue requirements
16 associated with each capital investment program for the recovery period.
17 Schedule 4P shows the detailed calculation of the revenue requirements
18 associated with each investment program. Schedules 3P and 4P also
19 include the calculation of the jurisdictional amount of recoverable revenue
20 requirements. To prepare these schedules, Mr. Markey provided the
21 expenditures, clearings, retirements, salvage, and cost of removal related
22 to each capital project, as well as the monthly costs for emission
23 allowances. From that information, plant-in-service and construction work
24 in progress (non-interest bearing) was calculated. Additionally,
25 depreciation, amortization and dismantlement expense and the associated

1 accumulated depreciation balances, were calculated based on Gulf's
2 approved depreciation rates, amortization periods, and dismantlement
3 accruals. The capital projects identified for recovery through the ECRC
4 are those environmental projects which were not included in the test year
5 on which present base rates were set.

6

7 Q. How was the amount of property taxes to be recovered through the ECRC
8 derived?

9 A. Property taxes were calculated by applying the projected applicable
10 millage rate to the ECRC apportioned assessed value.

11

12 Q. What capital structure and cost rates were used to develop the rate of
13 return, applied to calculate the revenue requirements, as shown on 8P of
14 Exhibit CSB-3?

15 A. The capital structure and cost rates used for cost recovery clause
16 purposes is based on the weighted average cost of capital presented in
17 Gulf's Revised May 2019 ESR, as adjusted per the terms of the 2018 Tax
18 Settlement and Stipulation Agreement, approved by FPSC Order No.
19 PSC-2018-0180-FOF-EI in Docket No. 20180039-EI, dated April 12, 2018.

20

21 Gulf is party to an Unopposed Joint Motion to Modify Order No. PSC-12-
22 0425-PAA-EU Regarding Weighted Average Cost of Capital Methodology
23 (Joint Motion), filed on August 21, 2019 in this docket. The Joint Motion
24 proposes modifications to the existing methodology for calculating the
25 weighted average cost of capital (WACC) applicable to clause-recoverable

1 investments to enable compliance with Internal Revenue Service
2 Normalization Rules. Gulf Power's depreciation-related accumulated
3 deferred income taxes (ADIT) in its Revised May ESR filing is less than its
4 projected ADITs; therefore, the Limitation Provision is met or exceeded,
5 and no adjustments are necessary to the Revised May ESR capital
6 structure. Under either methodology, the rate of return used to calculate
7 ECRC revenue requirements includes a return on equity of 10.25 percent
8 and a federal income tax rate of 21 percent.
9

10 Q. How has the breakdown between demand-related and energy-related
11 investment costs been determined?

12 A. Consistent with Commission Order No. PSC-13-0606-FOF-EI dated
13 November 19, 2013, in Docket No. 130007-EI, investment costs
14 recoverable through ECRC are allocated between demand and energy
15 based on the 12-MCP and 1/13th energy allocator, respectively. The use
16 of this allocation method is consistent with cost-of-service studies
17 approved in Gulf's most recent base rate case. The calculation of this
18 breakdown is shown on Schedule 4P and summarized on Schedule 3P.
19

20 Q. What jurisdictional factors were used to calculate projected recoverable
21 costs for the period January 2020 through December 2020?

22 A. The demand jurisdictional factors applied in the calculation of retail
23 revenue requirements is 97.23427 percent, which is based upon Gulf
24 Power's 2018 Cost of Service Load Research Study results filed with the
25 Commission in accordance with Rule 25-6.0437, F.A.C. The energy

1 jurisdictional factors for each month are based on historical 2018 retail
2 kilowatt-hour sales expressed as a percentage of 2018 total territorial
3 kilowatt-hour sales. The existing wholesale generation services
4 agreement between Gulf Power Company and Florida Public Utilities
5 Company (FPU) will expire on December 31, 2019; however, on August
6 12, 2019, Gulf Power and FPU executed a new stratified wholesale
7 agreement that will commence on January 1, 2020, if approved. In order
8 to implement a stratified allocation of costs between the retail and
9 wholesale jurisdiction consistent with the new contract structure,
10 considerable work by Gulf Power to stratify environmental costs and
11 derive appropriate stratified jurisdictional factors must be completed. Gulf
12 currently estimates this work will be completed before 2020 final true-up
13 calculations are filed with the Commission. Subject to the foregoing
14 determination of stratified jurisdictional factors, any eventual over or under
15 recovery of costs due to changes in jurisdictional allocations will be
16 handled through the normal true-up process.

17
18 Q. Have there been any other notable changes to the projected recoverable
19 costs for the period January 2020 through December 2020?

20 A. Yes. The ratemaking adjustment I have referred to in previous testimony
21 as the "Scherer/Flint credit" will cease at the end of December 2019 when
22 the long-term wholesale contract with Flint EMC expires on December 31,
23 2019. As a result, the portion of Scherer Unit 3 ECRC costs which were
24 previously excluded from Gulf's retail cost recovery will be included in the
25 ECRC recoverable costs and revenue requirements beginning in 2020.

1 The end of this ratemaking treatment was contemplated by the Stipulation
2 and Settlement Agreement approved by FPSC Order No. PSC-17-0178-S-
3 EI.
4

5 Q. What is the total amount of projected recoverable costs related to the
6 period January 2020 through December 2020?

7 A. The total projected jurisdictional recoverable costs for the period January
8 2020 through December 2020 is \$189,722,598 as shown on line 1c of
9 Schedule 1P of Exhibit CSB-3. This amount includes costs related to
10 O&M activities of \$31,239,013 and costs related to capital projects of
11 \$158,483,585, as shown on lines 1a and 1b of Schedule 1P.
12

13 Q. Please describe the revised schedules contained in your Exhibit CSB-4.

14 A. Gulf discovered miscalculations in the May 2019 Earnings Surveillance
15 Report and subsequently submitted a Revised May 2019 Earnings
16 Surveillance Report to the Commission on August 8, 2019. The revisions
17 caused a slight change in the WACC used for cost recovery purposes as
18 calculated based upon the Revised May ESR. The result was a change
19 from 6.9752 to 6.9802 percent, an increase of one-half of one basis point
20 on the annual pre-tax WACC.
21
22
23
24
25

1 Q. How does the revised WACC affect the estimated/actual true-up amount
2 for the period ending 2019 that you previously filed in this docket filed on
3 July 26, 2019?

4 A. When the revised WACC is applied to the ECRC average net investment
5 from July 2019 through December 2019, the 2019 estimated true-up over-
6 recovery amount changes from \$4,640,870 to \$4,609,567, a decrease of
7 \$31,303. Exhibit CSB-4 contains certain revised 2019 estimated true-up
8 schedules. Schedule 1E of this exhibit shows the revised total true-up
9 over-recovery of \$4,609,567. The estimated true-up amount will be added
10 to the 2018 final true-up of \$1,896,136, which results in a total true-up
11 over-recovery of \$6,505,703 to be included in the proposed 2020 ECRC
12 factors. Schedule 2E of this exhibit presents the revised calculation of the
13 estimated true-up amount for the period January 2019 through December
14 2019. Schedule 3E of this exhibit presents the calculation of the revised
15 interest provision. Schedule 6E of this exhibit compares recoverable costs
16 from the revised 2019 estimated/actual to the original 2019 projection.
17 Schedule 7E provides the revised monthly jurisdictional recoverable
18 revenue requirements associated with each project.

19
20 Q. What is the total recoverable revenue requirement to be recovered in the
21 projection period January 2020 through December 2020, and how was it
22 allocated to each rate class?

23 A. The total recoverable revenue requirement including revenue taxes is
24 \$183,348,811 for the period January 2020 through December 2020, as
25 shown on line 5 of Schedule 1P of Exhibit CSB-3. This amount includes

1 the recoverable costs related to the projection period offset by the revised
2 total over-recovery true-up amount of \$6,505,703. Schedule 1P also
3 summarizes the energy and demand components of the requested
4 revenue requirement. The total recoverable energy and demand amounts
5 are allocated by rate class using the appropriate energy and demand
6 allocators as shown on Schedule 6P and 7P of Exhibit CSB-3.

7
8 Q. How were the rate class allocation factors calculated for use in the
9 Environmental Cost Recovery Clause?

10 A. The demand allocation factors used in the ECRC have been calculated using the
11 2018 Cost of Service Load Research Study results filed with the Commission in
12 accordance with Rule 25-6.0437, F.A.C. and adjusted for losses. The energy
13 allocation factors were calculated based on projected kWh sales for the period
14 adjusted for losses. The calculation of the allocation factors for the period is
15 shown in columns A through G on Schedule 6P of Exhibit CSB-3.

16
17 Q. How were these factors applied to allocate the requested recovery amount
18 properly to the rate classes?

19 A. As I described earlier in my testimony, Schedule 1P of Exhibit CSB-3
20 summarizes the energy and demand portions of the total requested
21 revenue requirement. The energy-related recoverable revenue
22 requirement of \$30,703,797 for the period January 2020 through
23 December 2020 was allocated using the energy allocator, as shown in
24 column C on Schedule 7P of Exhibit CSB-3. The demand-related
25 recoverable revenue requirement of \$152,645,014 for the period January

1 2020 through December 2020 was allocated using the demand allocator,
2 as shown in column D on Schedule 7P. The energy-related and demand-
3 related recoverable revenue requirements are added together to derive
4 the total amount assigned to each rate class, as shown in column E on
5 Schedule 7P.

6
7 Q. What is the monthly amount related to environmental costs recovered
8 through this factor that will be included on a residential customer's bill for
9 1,000 kWh?

10 A. The environmental costs recovered through the clause from the residential
11 customer who uses 1,000 kWh will be \$18.97 monthly for the period
12 January 2020 through December 2020.

13

14 Q. When does Gulf propose to collect its environmental cost recovery
15 charges?

16 A. The factors will be effective beginning with Cycle 1 billings in January
17 2020 and will continue through the last billing cycle of December 2020.

18

19 Q. Mr. Boyett, does this conclude your testimony?

20 A. Yes.

21

22

23

24

25

AFFIDAVIT

STATE OF FLORIDA)
)
COUNTY OF ESCAMBIA)

Docket No. 20190007-EI

Before me, the undersigned authority, personally appeared C. Shane Boyett, who being first duly sworn, deposes and says that he is the Regulatory, Forecasting and Pricing Manager of Gulf Power Company, a Florida corporation, that the foregoing is true and correct to the best of his knowledge and belief. He is personally known to me.

C. Shane Boyett

C. Shane Boyett
Regulatory, Forecasting and Pricing Manager

Sworn to and subscribed before me this 30th day of August, 2019.

Melissa Darnes
Notary Public, State of Florida at Large



MELISSA DARNES
MY COMMISSION # FF 912698
EXPIRES: December 17, 2019
Bonded Thru Budget Notary Services

Schedule 1P

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Total Jurisdictional Amount to be Recovered

For the Projected Period
January 2020 - December 2020

Line No.		Energy (\$)	Demand (\$)	Total (\$)
1	Total Jurisdictional Rev. Req. for the projected period			
a	Projected O & M Activities (Schedule 2P, Lines 7, 8 & 9)	19,620,715	11,618,298	31,239,013
b	Projected Capital Programs (Schedule 3P, Lines 7, 8 & 9)	<u>12,223,844</u>	<u>146,259,741</u>	<u>158,483,585</u>
c	Total Jurisdictional Rev. Req. for the projected period (Lines 1a + 1b)	31,844,560	157,878,038	189,722,598
2	True-Up for Estimated Over/(Under) Recovery for the period January 2019 - December 2019 (Schedule 1E, Line 3)	783,626	3,825,941	4,609,567
3	Final True-Up for the period January 2018 - December 2018 (Schedule 1A, Line 3)	379,227	1,516,909	1,896,136
4	Total Jurisdictional Amount to be Recovered/(Refunded) in the projection period January 2020 - December 2020 (Line 1c - Line 2 - Line 3)	<u>30,681,706</u>	<u>152,535,189</u>	<u>183,216,895</u>
5	Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier)	<u>30,703,797</u>	<u>152,645,014</u>	<u>183,348,811</u>

Notes:

Allocation to energy and demand in each period are in proportion to the respective period split of costs indicated on Lines 7 & 8 of Schedules 5E & 7E and 5A & 7A.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020

O & M Activities
(in Dollars)

Line	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification Demand	Energy
1 Description of O & M Activities															
1 Sulfur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Air Emission Fees	13,338	17,950	133,893	13,338	13,338	13,338	13,338	13,338	13,338	13,338	13,338	13,386	285,269	0	285,269
3 Title V	17,448	17,448	26,501	17,945	17,945	17,945	17,945	26,501	17,945	17,945	17,945	17,949	231,465	0	231,465
4 Asbestos Fees	500	0	0	0	500	0	0	0	0	0	0	0	1,000	1,000	0
5 Emission Monitoring	58,190	57,578	65,658	75,462	62,093	58,537	59,044	65,531	58,709	58,584	58,584	58,433	736,399	0	736,399
6 General Water Quality	110,877	110,219	137,740	120,309	123,088	144,384	136,108	158,707	133,207	127,731	122,458	117,729	1,542,559	1,542,559	0
7 Groundwater Contamination Investigation	201,765	201,765	203,444	162,107	162,107	206,269	206,269	210,061	162,107	162,107	162,107	201,854	2,241,964	2,241,964	0
8 State NPDES Administration	11,500	500	0	0	0	0	0	0	0	0	0	23,000	35,000	35,000	0
9 Lead & Copper Rule	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10 Environmental Auditing/Assessment	0	0	0	0	0	0	0	0	0	7,500	7,500	0	15,000	15,000	0
11 General Solid & Hazardous Waste	71,092	69,992	97,077	73,071	74,171	84,671	78,571	94,777	84,171	80,771	79,671	80,803	968,840	968,840	0
12 Above Ground Storage Tanks	4,022	13,397	39,737	34,308	9,547	15,761	14,161	11,319	4,547	13,683	14,400	8,775	183,659	183,659	0
13 Low NOx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14 Ash Pond Diversion Curtains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15 Mercury Emissions	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16 Sodium Injection	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17 Gulf Coast Ozone Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18 SPCC Substation Project	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19 FDEP NOx Reduction Agreement	38,783	38,783	59,803	43,991	18,534	49,809	54,173	62,711	49,082	39,626	50,536	54,899	560,731	0	560,731
20 Air Quality Compliance Program	1,642,706	1,273,411	1,601,454	1,592,603	1,497,421	1,655,979	1,665,720	1,896,411	1,482,398	1,436,102	1,281,076	1,261,857	18,287,138	0	18,287,138
21 MACT ICR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22 Crist Water Conservation	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	3,832	45,978	45,978	0
23 Coal Combustion Residuals	621,619	612,459	603,268	571,436	572,554	600,783	597,552	628,452	549,102	534,820	487,023	487,005	6,866,072	6,866,072	0
24 Smith Water Conservation	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	4,058	48,696	48,696	0
25 Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 Annual NOx Allowances	387	299	392	312	108	148	160	159	148	315	261	398	3,087	0	3,087
27 Seasonal NOx Allowances	0	0	0	0	978	1,445	1,632	1,641	1,417	0	0	0	7,113	0	7,113
28 SO2 Allowances	1,228	1,054	523	408	1,122	1,828	810	812	717	523	281	528	9,834	0	9,834
2 Total of O & M Activities	<u>2,801,346</u>	<u>2,422,745</u>	<u>2,977,380</u>	<u>2,713,179</u>	<u>2,561,396</u>	<u>2,858,787</u>	<u>2,853,373</u>	<u>3,178,310</u>	<u>2,564,779</u>	<u>2,500,935</u>	<u>2,303,069</u>	<u>2,334,506</u>	<u>32,069,805</u>	<u>11,948,768</u>	<u>20,121,037</u>
3 Recoverable Costs Allocated to Energy	1,772,080	1,406,523	1,888,224	1,744,059	1,611,539	1,799,029	1,812,822	2,067,104	1,623,754	1,566,433	1,422,020	1,407,450	20,121,037		
4 Recoverable Costs Allocated to Demand	1,029,266	1,016,223	1,089,156	969,121	949,857	1,059,758	1,040,551	1,111,206	941,024	934,502	881,049	927,056	11,948,768		
5 Retail Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272			
6 Retail Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427			
7 Jurisdictional Energy Recoverable Costs (A)	1,722,099	1,368,671	1,837,218	1,698,807	1,570,840	1,755,199	1,769,485	2,016,093	1,583,260	1,542,188	1,386,712	1,370,144	19,620,715		
8 Jurisdictional Demand Recoverable Costs (B)	1,000,799	988,117	1,059,033	942,317	923,587	1,030,448	1,011,772	1,080,473	914,998	908,656	856,682	901,416	11,618,298		
9 Total Jurisdictional Recoverable Costs for O & M Activities (Lines 7 + 8)	<u>2,722,898</u>	<u>2,356,788</u>	<u>2,896,251</u>	<u>2,641,124</u>	<u>2,494,427</u>	<u>2,785,647</u>	<u>2,781,258</u>	<u>3,096,566</u>	<u>2,498,258</u>	<u>2,450,844</u>	<u>2,243,393</u>	<u>2,271,560</u>	<u>31,239,013</u>		

Notes:

(A) Line 3 x Line 5 x line loss multiplier

(B) Line 4 x Line 6

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020

Capital Investment Programs - Recoverable Costs
(in Dollars)

Line		Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification Demand	Energy
1	Description of Investment Programs (A)															
1	Air Quality Assurance Testing	1,456	1,450	1,444	1,438	1,433	1,427	1,421	1,415	1,409	1,404	1,398	1,392	17,086	15,772	1,314
2	Crist 5, 6 & 7 Precipitator Projects	313,042	312,396	311,749	311,103	310,456	309,810	309,163	308,517	307,870	307,224	306,577	305,931	3,713,837	3,428,157	285,680
3	Crist 7 Flue Gas Conditioning	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	104,659	96,608	8,051
4	Low NOx Burners, Crist 6 & 7	146,684	146,415	146,146	145,878	145,609	145,340	145,071	144,803	144,534	144,265	143,996	143,728	1,742,469	1,608,433	134,036
5	CEMS - Plants Crist & Daniel	44,673	44,586	44,498	44,411	44,323	44,236	44,148	44,061	43,974	43,886	43,799	43,711	530,306	489,513	40,793
6	Substation Contamination Remediation	40,052	39,977	39,902	39,827	39,751	39,676	39,601	39,525	39,450	39,375	39,299	39,224	475,659	439,070	36,589
7	Raw Water Well Flowmeters - Plants Crist & Smith	1,070	1,067	1,064	1,061	1,058	1,055	1,053	1,050	1,047	1,044	1,041	1,038	12,648	11,675	973
8	Crist Cooling Tower Cell	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,131	34,274	2,856
9	Crist Dechlorination System	1,961	1,954	1,947	1,940	1,932	1,925	1,918	1,910	1,903	1,896	1,888	1,881	23,055	21,282	1,773
10	Crist Diesel Fuel Oil Remediation	316	315	313	312	311	309	308	307	305	304	303	301	3,704	3,419	285
11	Crist Bulk Tanker Unloading Secondary Containment	412	410	408	406	404	402	400	398	396	394	392	390	4,812	4,442	370
12	Crist IWW Sampling System	240	239	237	236	235	234	233	232	231	229	228	227	2,801	2,585	215
13	Sodium Injection System	1,773	1,767	1,762	1,756	1,751	1,745	1,740	1,735	1,729	1,724	1,718	1,713	20,913	19,305	1,609
14	Smith Stormwater Collection System	14,110	14,047	13,985	13,922	13,859	13,796	13,734	13,671	13,608	13,546	13,483	13,420	165,182	152,475	12,706
15	Smith Waste Water Treatment Facility	5,543	5,515	5,507	5,499	5,490	5,482	5,473	5,465	5,457	5,448	5,440	5,431	70,151	64,755	5,396
16	Daniel Ash Management Project	106,372	106,154	105,937	105,719	105,502	105,284	105,067	104,850	104,632	104,415	104,197	103,980	1,262,109	1,165,024	97,085
17	Smith Water Conservation	210,137	217,460	225,566	234,203	243,120	252,037	259,919	266,262	270,815	303,332	335,082	335,884	3,153,816	2,911,215	242,601
18	Underground Fuel Tank Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	Crist FDEP Agreement for Ozone Attainment	885,548	883,192	880,837	880,356	879,867	877,493	875,119	872,745	870,372	867,998	865,624	863,250	10,502,402	9,694,525	807,877
20	SPCC Compliance	6,251	6,232	6,213	6,194	6,175	6,156	6,137	6,119	6,100	6,081	6,062	6,043	73,763	68,089	5,674
21	Crist Common FTIR Monitor	372	371	369	368	367	366	365	363	362	361	360	359	4,383	4,046	337
22	Precipitator Upgrades for CAM Compliance	93,604	93,335	93,066	92,798	92,529	92,260	91,992	91,723	91,454	91,185	90,917	90,648	1,105,511	1,020,471	85,039
23	Plant Groundwater Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	Crist Water Conservation	147,415	147,907	147,516	147,124	146,733	146,342	145,951	145,559	145,168	144,777	144,386	143,995	1,752,873	1,618,037	134,836
25	Plant NPDES Permit Compliance Projects	75,631	78,458	84,315	88,157	89,984	96,963	102,896	102,632	102,368	102,103	101,839	101,574	1,126,922	1,040,235	86,686
26	Air Quality Compliance Program	10,428,428	10,409,670	10,393,425	10,382,185	10,364,020	10,343,045	10,325,791	10,304,789	10,290,820	10,277,247	10,256,221	10,235,039	124,010,680	114,471,397	9,539,283
27	General Water Quality	14,511	14,494	14,478	20,752	27,143	28,551	31,298	35,644	42,898	51,607	60,316	69,025	410,718	379,124	31,594
28	Coal Combustion Residuals	527,986	561,292	598,160	635,552	666,236	690,335	723,571	775,491	819,341	854,565	882,155	909,979	8,644,663	7,979,689	664,974
29	Steam Electric Effluent Limitations Guidelines	52,651	52,965	53,279	53,592	53,906	54,220	54,533	54,847	55,161	55,475	55,788	56,102	652,519	602,326	50,194
30	316(B) Intake Structure Regulation	11,645	11,645	15,534	19,400	19,355	19,309	19,264	19,218	19,173	19,128	19,082	19,037	211,791	195,499	16,292
31	Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
32	Annual NOx Allowances	28	26	24	22	21	20	20	19	18	16	15	13	243	224	19
33	Seasonal NOx Allowances	943	943	943	943	1,187	1,427	1,418	1,409	1,400	1,396	1,396	1,396	14,801	13,662	1,139
34	SO2 Allowances	36,595	36,588	36,584	36,581	36,576	36,568	36,560	36,555	36,551	36,547	36,543	36,543	438,794	405,040	33,753
35	Regulatory Asset Smith Units 1 & 2	225,839	225,149	224,460	223,770	223,080	222,390	221,701	221,011	220,321	219,631	218,941	218,252	2,664,546	2,459,581	204,965
2	Total Investment Programs - Recoverable Costs	<u>13,407,104</u>	<u>13,428,235</u>	<u>13,461,883</u>	<u>13,507,722</u>	<u>13,534,631</u>	<u>13,550,423</u>	<u>13,578,081</u>	<u>13,614,540</u>	<u>13,651,083</u>	<u>13,708,819</u>	<u>13,750,706</u>	<u>13,761,722</u>	<u>162,954,946</u>	<u>150,419,951</u>	<u>12,534,996</u>
3	Recoverable Costs Allocated to Energy	1,031,316	1,032,941	1,035,529	1,039,056	1,041,125	1,042,340	1,044,468	1,047,272	1,050,083	1,054,525	1,057,747	1,058,594	12,534,996		
4	Recoverable Costs Allocated to Demand	12,375,788	12,395,294	12,426,353	12,468,666	12,493,505	12,508,082	12,533,613	12,567,268	12,601,000	12,654,295	12,692,959	12,703,128	150,419,951		
5	Retail Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272			
6	Retail Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427			
7	Jurisdictional Energy Recoverable Costs (B)	1,002,228	1,005,143.17	1,007,557	1,012,096	1,014,832	1,016,945	1,019,499	1,021,428	1,023,895	1,038,203	1,031,483	1,030,535	12,223,844		
8	Jurisdictional Demand Recoverable Costs (C)	<u>12,033,507</u>	<u>12,052,474</u>	<u>12,082,674</u>	<u>12,123,816</u>	<u>12,147,969</u>	<u>12,162,143</u>	<u>12,186,967</u>	<u>12,219,691</u>	<u>12,252,490</u>	<u>12,304,311</u>	<u>12,341,906</u>	<u>12,351,794</u>	<u>146,259,741</u>		
9	Total Jurisdictional Recoverable Costs for Investment Programs (Lines 7 + 8)	<u>13,035,735</u>	<u>13,057,617</u>	<u>13,090,231</u>	<u>13,135,912</u>	<u>13,162,801</u>	<u>13,179,088</u>	<u>13,206,466</u>	<u>13,241,119</u>	<u>13,276,385</u>	<u>13,342,514</u>	<u>13,373,389</u>	<u>13,382,329</u>	<u>158,483,585</u>		

Notes:

(A) Pages 1-30 of Schedule 4P, Line 9, Pages 31-34 of Schedule 4P, Line 6, Page 35, Line 7

(B) Line 3 x Line 5 x Line loss multiplier

(C) Line 4 x Line 6

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Air Quality Assurance Testing
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	83,954	
3	Less: Accumulated Depreciation (C)	(4,997)	(5,997)	(6,996)	(7,996)	(8,995)	(9,995)	(10,994)	(11,993)	(12,993)	(13,992)	(14,992)	(15,991)	(16,991)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	78,957	77,957	76,958	75,958	74,959	73,959	72,960	71,960	70,961	69,962	68,962	67,963	66,963	
6	Average Net Investment		78,457	77,457	76,458	75,459	74,459	73,460	72,460	71,461	70,461	69,462	68,462	67,463	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		365	361	356	351	347	342	337	333	328	323	319	314	4,076
b	Debt Component (Line 6 x Debt Component x 1/12)		91	90	89	88	87	85	84	83	82	81	80	78	1,017
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		999	999	999	999	999	999	999	999	999	999	999	999	11,993
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,456	1,450	1,444	1,438	1,433	1,427	1,421	1,415	1,409	1,404	1,398	1,392	17,086
a	Recoverable Costs Allocated to Energy		112	112	111	111	110	110	109	109	108	108	108	107	1,314
b	Recoverable Costs Allocated to Demand		1,344	1,338	1,333	1,328	1,322	1,317	1,312	1,306	1,301	1,296	1,290	1,285	15,772
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		109	109	108	108	107	107	107	106	106	106	105	104	1,282
13	Retail Demand-Related Recoverable Costs (I)		1,307	1,301	1,296	1,291	1,286	1,281	1,275	1,270	1,265	1,260	1,254	1,249	15,336
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,416	1,410	1,404	1,399	1,393	1,388	1,382	1,376	1,371	1,366	1,359	1,354	16,617

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist 5, 6 & 7 Precipitator Programs
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323	33,677,323
3	Less: Accumulated Depreciation (C)	1,088,035	976,899	865,764	754,629	643,494	532,359	421,224	310,088	198,953	87,818	(23,317)	(134,452)	(245,587)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	34,765,358	34,654,223	34,543,087	34,431,952	34,320,817	34,209,682	34,098,547	33,987,411	33,876,276	33,765,141	33,654,006	33,542,871	33,431,736	
6	Average Net Investment		34,709,790	34,598,655	34,487,520	34,376,385	34,265,249	34,154,114	34,042,979	33,931,844	33,820,709	33,709,574	33,598,438	33,487,303	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		161,574	161,057	160,539	160,022	159,505	158,987	158,470	157,953	157,435	156,918	156,401	155,883	1,904,745
b	Debt Component (Line 6 x Debt Component x 1/12)		40,333	40,204	40,074	39,945	39,816	39,687	39,558	39,429	39,300	39,171	39,041	38,912	475,470
8	Investment Expenses														
a	Depreciation (E)		111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	111,135	1,333,622
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		313,042	312,396	311,749	311,103	310,456	309,810	309,163	308,517	307,870	307,224	306,577	305,931	3,713,837
a	Recoverable Costs Allocated to Energy		24,080	24,030	23,981	23,931	23,881	23,832	23,782	23,732	23,682	23,633	23,583	23,533	285,680
b	Recoverable Costs Allocated to Demand		288,962	288,365	287,768	287,172	286,575	285,978	285,381	284,785	284,188	283,591	282,994	282,398	3,428,157
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		23,401	23,384	23,333	23,310	23,278	23,251	23,213	23,146	23,092	23,267	22,997	22,909	278,582
13	Retail Demand-Related Recoverable Costs (I)		280,970	280,390	279,809	279,229	278,649	278,069	277,489	276,908	276,328	275,748	275,168	274,587	3,333,344
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		304,371	303,773	303,142	302,539	301,927	301,320	300,702	300,055	299,420	299,015	298,165	297,497	3,611,925

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist 7 Flue Gas Conditioning
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
6	Average Net Investment		1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	1,499,322	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	6,979	83,752
b	Debt Component (Line 6 x Debt Component x 1/12)		1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	1,742	20,907
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	8,722	104,659
a	Recoverable Costs Allocated to Energy		671	671	671	671	671	671	671	671	671	671	671	671	8,051
b	Recoverable Costs Allocated to Demand		8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	8,051	96,608
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		652	653	653	653	654	655	655	654	654	661	654	653	7,851
13	Retail Demand-Related Recoverable Costs (I)		7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	7,828	93,936
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		8,480	8,481	8,481	8,481	8,482	8,483	8,483	8,482	8,482	8,489	8,482	8,481	101,787

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Low NOx Burners, Crist 6 & 7
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493	13,626,493
3	Less: Accumulated Depreciation (C)	3,670,041	3,623,837	3,577,632	3,531,428	3,485,223	3,439,019	3,392,815	3,346,610	3,300,406	3,254,201	3,207,997	3,161,792	3,115,588	
4	CWIP - Non Interest Bearing	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	Net Investment (Lines 2 + 3 + 4) (A)	17,296,534	17,250,330	17,204,125	17,157,921	17,111,717	17,065,512	17,019,308	16,973,103	16,926,899	16,880,694	16,834,490	16,788,286	16,742,081	
6	Average Net Investment		17,273,432	17,227,228	17,181,023	17,134,819	17,088,614	17,042,410	16,996,205	16,950,001	16,903,797	16,857,592	16,811,388	16,765,183	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		80,408	80,193	79,978	79,763	79,547	79,332	79,117	78,902	78,687	78,472	78,257	78,042	950,699
b	Debt Component (Line 6 x Debt Component x 1/12)		20,072	20,018	19,964	19,911	19,857	19,803	19,750	19,696	19,642	19,589	19,535	19,481	237,317
8	Investment Expenses														
a	Depreciation (E)		44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	44,493	533,916
b	Amortization (F)		1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	1,711	20,537
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		146,684	146,415	146,146	145,878	145,609	145,340	145,071	144,803	144,534	144,265	143,996	143,728	1,742,469
a	Recoverable Costs Allocated to Energy		11,283	11,263	11,242	11,221	11,201	11,180	11,159	11,139	11,118	11,097	11,077	11,056	134,036
b	Recoverable Costs Allocated to Demand		135,401	135,153	134,904	134,656	134,408	134,160	133,912	133,664	133,416	133,168	132,920	132,672	1,608,433
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		10,965	10,960	10,938	10,930	10,918	10,908	10,893	10,864	10,841	10,926	10,802	10,763	130,706
13	Retail Demand-Related Recoverable Costs (I)		131,656	131,415	131,173	130,932	130,691	130,450	130,208	129,967	129,726	129,485	129,243	129,002	1,563,948
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		142,621	142,374	142,112	141,862	141,609	141,357	141,101	140,831	140,567	140,410	140,045	139,765	1,694,654

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: CEMS - Plants Crist & Daniel
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340	4,696,340
3	Less: Accumulated Depreciation (C)	267,027	252,002	236,976	221,950	206,924	191,898	176,872	161,847	146,821	131,795	116,769	101,743	86,717	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	4,963,367	4,948,341	4,933,315	4,918,290	4,903,264	4,888,238	4,873,212	4,858,186	4,843,160	4,828,135	4,813,109	4,798,083	4,783,057	
6	Average Net Investment		4,955,854	4,940,828	4,925,802	4,910,777	4,895,751	4,880,725	4,865,699	4,850,673	4,835,648	4,820,622	4,805,596	4,790,570	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		23,070	23,000	22,930	22,860	22,790	22,720	22,650	22,580	22,510	22,440	22,370	22,300	272,218
b	Debt Component (Line 6 x Debt Component x 1/12)		5,759	5,741	5,724	5,706	5,689	5,671	5,654	5,636	5,619	5,602	5,584	5,567	67,952
8	Investment Expenses														
a	Depreciation (E)		15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	15,026	180,310
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		819	819	819	819	819	819	819	819	819	819	819	819	9,827
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		44,673	44,586	44,498	44,411	44,323	44,236	44,148	44,061	43,974	43,886	43,799	43,711	530,306
a	Recoverable Costs Allocated to Energy		3,436	3,430	3,423	3,416	3,409	3,403	3,396	3,389	3,383	3,376	3,369	3,362	40,793
b	Recoverable Costs Allocated to Demand		41,237	41,156	41,075	40,994	40,914	40,833	40,752	40,672	40,591	40,510	40,430	40,349	489,513
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		3,339	3,337	3,330	3,328	3,323	3,320	3,315	3,306	3,298	3,324	3,285	3,273	39,779
13	Retail Demand-Related Recoverable Costs (I)		40,096	40,018	39,939	39,861	39,782	39,704	39,625	39,547	39,468	39,390	39,312	39,233	475,975
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		43,436	43,355	43,270	43,188	43,106	43,024	42,940	42,853	42,767	42,714	42,597	42,506	515,754

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Beginning Balances: Crist \$4,106,227; Daniel \$590,112. Ending Balances: Crist \$4,106,227; Daniel \$590,112.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Substation Contamination Remediation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893	5,135,893
3	Less: Accumulated Depreciation (C)	(469,604)	(482,550)	(495,497)	(508,443)	(521,389)	(534,336)	(547,282)	(560,228)	(573,175)	(586,121)	(599,067)	(612,014)	(624,960)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	4,666,289	4,653,343	4,640,396	4,627,450	4,614,504	4,601,557	4,588,611	4,575,665	4,562,718	4,549,772	4,536,826	4,523,879	4,510,933	
6	Average Net Investment		4,659,816	4,646,869	4,633,923	4,620,977	4,608,030	4,595,084	4,582,138	4,569,191	4,556,245	4,543,299	4,530,352	4,517,406	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		21,691	21,631	21,571	21,511	21,450	21,390	21,330	21,270	21,209	21,149	21,089	21,029	256,320
b	Debt Component (Line 6 x Debt Component x 1/12)		5,415	5,400	5,385	5,370	5,355	5,339	5,324	5,309	5,294	5,279	5,264	5,249	63,984
8	Investment Expenses														
a	Depreciation (E)		12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	12,946	155,356
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		40,052	39,977	39,902	39,827	39,751	39,676	39,601	39,525	39,450	39,375	39,299	39,224	475,659
a	Recoverable Costs Allocated to Energy		3,081	3,075	3,069	3,064	3,058	3,052	3,046	3,040	3,035	3,029	3,023	3,017	36,589
b	Recoverable Costs Allocated to Demand		36,972	36,902	36,832	36,763	36,693	36,624	36,554	36,485	36,415	36,346	36,276	36,207	439,070
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		2,994	2,992	2,986	2,984	2,981	2,978	2,973	2,965	2,959	2,982	2,948	2,937	35,680
13	Retail Demand-Related Recoverable Costs (I)		35,949	35,881	35,814	35,746	35,679	35,611	35,543	35,476	35,408	35,341	35,273	35,205	426,927
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		38,943	38,874	38,800	38,730	38,659	38,589	38,517	38,441	38,367	38,323	38,221	38,143	462,607

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Raw Water Well Flowmeters - Plants Crist & Smith
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950	149,950
3	Less: Accumulated Depreciation (C)	(50,849)	(51,344)	(51,839)	(52,334)	(52,829)	(53,323)	(53,818)	(54,313)	(54,808)	(55,303)	(55,798)	(56,292)	(56,787)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	99,100	98,606	98,111	97,616	97,121	96,626	96,131	95,637	95,142	94,647	94,152	93,657	93,162	
6	Average Net Investment		98,853	98,358	97,863	97,368	96,874	96,379	95,884	95,389	94,894	94,399	93,905	93,410	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		460	458	456	453	451	449	446	444	442	439	437	435	5,370
b	Debt Component (Line 6 x Debt Component x 1/12)		115	114	114	113	113	112	111	111	110	110	109	109	1,340
8	Investment Expenses														
a	Depreciation (E)		495	495	495	495	495	495	495	495	495	495	495	495	5,938
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,070	1,067	1,064	1,061	1,058	1,055	1,053	1,050	1,047	1,044	1,041	1,038	12,648
a	Recoverable Costs Allocated to Energy		82	82	82	82	81	81	81	81	81	80	80	80	973
b	Recoverable Costs Allocated to Demand		988	985	982	980	977	974	972	969	966	964	961	958	11,675
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272		
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		80	80	80	80	79	79	79	79	79	79	78	78	949
13	Retail Demand-Related Recoverable Costs (I)		960	958	955	952	950	947	945	942	940	937	934	932	11,352
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,040	1,038	1,035	1,032	1,029	1,027	1,024	1,021	1,018	1,016	1,013	1,010	12,301

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Cooling Tower Cell
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
6	Average Net Investment		531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	531,926	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	2,476	29,713
b	Debt Component (Line 6 x Debt Component x 1/12)		618	618	618	618	618	618	618	618	618	618	618	618	7,417
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,131
a	Recoverable Costs Allocated to Energy		238	238	238	238	238	238	238	238	238	238	238	238	2,856
b	Recoverable Costs Allocated to Demand		2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	2,856	34,274
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272		
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		231	232	232	232	232	232	232	232	232	234	232	232	2,785
13	Retail Demand-Related Recoverable Costs (I)		2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	2,777	33,326
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		3,009	3,009	3,009	3,009	3,009	3,009	3,010	3,009	3,009	3,012	3,009	3,009	36,112

Notes:

- (A) Description and reason for "Other" adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Dechlorination System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697	380,697
3	Less: Accumulated Depreciation (C)	(258,844)	(260,100)	(261,356)	(262,612)	(263,869)	(265,125)	(266,381)	(267,638)	(268,894)	(270,150)	(271,407)	(272,663)	(273,919)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	121,853	120,597	119,341	118,085	116,828	115,572	114,316	113,059	111,803	110,547	109,290	108,034	106,778	
6	Average Net Investment		121,225	119,969	118,713	117,456	116,200	114,944	113,688	112,431	111,175	109,919	108,662	107,406	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		564	558	553	547	541	535	529	523	518	512	506	500	6,386
b	Debt Component (Line 6 x Debt Component x 1/12)		141	139	138	136	135	134	132	131	129	128	126	125	1,594
8	Investment Expenses														
a	Depreciation (E)		1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	1,256	15,076
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,961	1,954	1,947	1,940	1,932	1,925	1,918	1,910	1,903	1,896	1,888	1,881	23,055
a	Recoverable Costs Allocated to Energy		151	150	150	149	149	148	148	147	146	146	145	145	1,773
b	Recoverable Costs Allocated to Demand		1,811	1,804	1,797	1,790	1,784	1,777	1,770	1,763	1,757	1,750	1,743	1,736	21,282
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272		
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		147	146	146	145	145	144	144	143	143	144	142	141	1,729
13	Retail Demand-Related Recoverable Costs (I)		1,761	1,754	1,747	1,741	1,734	1,728	1,721	1,715	1,708	1,701	1,695	1,688	20,693
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,907	1,900	1,893	1,886	1,879	1,872	1,865	1,858	1,851	1,845	1,837	1,829	22,423

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Diesel Fuel Oil Remediation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	68,923	
3	Less: Accumulated Depreciation (C)	(53,590)	(53,817)	(54,044)	(54,272)	(54,499)	(54,727)	(54,954)	(55,182)	(55,409)	(55,637)	(55,864)	(56,091)	(56,319)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	15,334	15,106	14,879	14,651	14,424	14,196	13,969	13,741	13,514	13,287	13,059	12,832	12,604	
6	Average Net Investment		15,220	14,992	14,765	14,537	14,310	14,083	13,855	13,628	13,400	13,173	12,945	12,718	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		71	70	69	68	67	66	64	63	62	61	60	59	780
b	Debt Component (Line 6 x Debt Component x 1/12)		18	17	17	17	17	16	16	16	16	15	15	15	195
8	Investment Expenses														
a	Depreciation (E)		227	227	227	227	227	227	227	227	227	227	227	227	2,729
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		316	315	313	312	311	309	308	307	305	304	303	301	3,704
a	Recoverable Costs Allocated to Energy		24	24	24	24	24	24	24	24	23	23	23	23	285
b	Recoverable Costs Allocated to Demand		292	290	289	288	287	286	284	283	282	281	279	278	3,419
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		24	24	23	23	23	23	23	23	23	23	23	23	278
13	Retail Demand-Related Recoverable Costs (I)		284	282	281	280	279	278	276	275	274	273	272	271	3,325
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		307	306	305	303	302	301	300	298	297	296	294	293	3,603

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Bulk Tanker Unloading Secondary Containment
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	101,495	
3	Less: Accumulated Depreciation (C)	(88,128)	(88,463)	(88,798)	(89,133)	(89,467)	(89,802)	(90,137)	(90,472)	(90,807)	(91,142)	(91,477)	(91,812)	(92,147)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	13,367	13,032	12,697	12,363	12,028	11,693	11,358	11,023	10,688	10,353	10,018	9,683	9,348	
6	Average Net Investment		13,200	12,865	12,530	12,195	11,860	11,525	11,190	10,855	10,520	10,185	9,851	9,516	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		61	60	58	57	55	54	52	51	49	47	46	44	634
b	Debt Component (Line 6 x Debt Component x 1/12)		15	15	15	14	14	13	13	13	12	12	11	11	158
8	Investment Expenses														
a	Depreciation (E)		335	335	335	335	335	335	335	335	335	335	335	335	4,019
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		412	410	408	406	404	402	400	398	396	394	392	390	4,812
a	Recoverable Costs Allocated to Energy		32	32	31	31	31	31	31	31	30	30	30	30	370
b	Recoverable Costs Allocated to Demand		380	378	376	375	373	371	369	367	366	364	362	360	4,442
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		31	31	31	30	30	30	30	30	30	30	29	29	361
13	Retail Demand-Related Recoverable Costs (I)		370	368	366	364	363	361	359	357	356	354	352	350	4,319
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		400	398	397	395	393	391	389	387	385	384	381	380	4,680

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist IWW Sampling System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543	59,543
3	Less: Accumulated Depreciation (C)	(52,019)	(52,216)	(52,412)	(52,609)	(52,805)	(53,002)	(53,198)	(53,395)	(53,591)	(53,788)	(53,984)	(54,181)	(54,377)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	7,524	7,327	7,131	6,934	6,738	6,541	6,345	6,148	5,952	5,755	5,559	5,362	5,166	
6	Average Net Investment		7,425	7,229	7,032	6,836	6,639	6,443	6,246	6,050	5,853	5,657	5,460	5,264	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		35	34	33	32	31	30	29	28	27	26	25	25	354
b	Debt Component (Line 6 x Debt Component x 1/12)		9	8	8	8	8	7	7	7	7	7	6	6	88
8	Investment Expenses														
a	Depreciation (E)		196	196	196	196	196	196	196	196	196	196	196	196	2,358
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		240	239	237	236	235	234	233	232	231	229	228	227	2,801
a	Recoverable Costs Allocated to Energy		18	18	18	18	18	18	18	18	18	18	18	17	215
b	Recoverable Costs Allocated to Demand		221	220	219	218	217	216	215	214	213	212	211	210	2,585
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		18	18	18	18	18	18	17	17	17	17	17	17	210
13	Retail Demand-Related Recoverable Costs (I)		215	214	213	212	211	210	209	208	207	206	205	204	2,514
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		233	232	231	230	229	228	226	225	224	223	222	221	2,724

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Sodium Injection System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622	284,622
3	Less: Accumulated Depreciation (C)	(140,852)	(141,791)	(142,730)	(143,669)	(144,609)	(145,548)	(146,487)	(147,426)	(148,366)	(149,305)	(150,244)	(151,183)	(152,123)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	143,770	142,831	141,892	140,952	140,013	139,074	138,135	137,195	136,256	135,317	134,378	133,438	132,499	
6	Average Net Investment		143,301	142,361	141,422	140,483	139,544	138,604	137,665	136,726	135,787	134,847	133,908	132,969	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		667	663	658	654	650	645	641	636	632	628	623	619	7,716
b	Debt Component (Line 6 x Debt Component x 1/12)		167	165	164	163	162	161	160	159	158	157	156	155	1,926
8	Investment Expenses														
a	Depreciation (E)		939	939	939	939	939	939	939	939	939	939	939	939	11,271
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,773	1,767	1,762	1,756	1,751	1,746	1,740	1,735	1,729	1,724	1,718	1,713	20,913
a	Recoverable Costs Allocated to Energy		136	136	136	135	135	134	134	133	133	133	132	132	1,609
b	Recoverable Costs Allocated to Demand		1,636	1,631	1,626	1,621	1,616	1,611	1,606	1,601	1,596	1,591	1,586	1,581	19,305
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		133	132	132	132	131	131	131	130	130	131	129	128	1,569
13	Retail Demand-Related Recoverable Costs (I)		1,591	1,586	1,581	1,576	1,572	1,567	1,562	1,557	1,552	1,547	1,542	1,537	18,771
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		1,724	1,719	1,713	1,708	1,703	1,698	1,692	1,687	1,682	1,678	1,671	1,666	20,339

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Stormwater Collection System
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379	2,764,379
3	Less: Accumulated Depreciation (C)	(2,186,703)	(2,197,484)	(2,208,265)	(2,219,046)	(2,229,827)	(2,240,608)	(2,251,390)	(2,262,171)	(2,272,952)	(2,283,733)	(2,294,514)	(2,305,295)	(2,316,076)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	577,676	566,895	556,113	545,332	534,551	523,770	512,989	502,208	491,427	480,646	469,865	459,084	448,303	
6	Average Net Investment		572,285	561,504	550,723	539,942	529,161	518,380	507,599	496,818	486,036	475,255	464,474	453,693	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,664	2,614	2,564	2,513	2,463	2,413	2,363	2,313	2,262	2,212	2,162	2,112	28,656
b	Debt Component (Line 6 x Debt Component x 1/12)		665	652	640	627	615	602	590	577	565	552	540	527	7,153
8	Investment Expenses														
a	Depreciation (E)		10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	10,781	129,373
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		14,110	14,047	13,985	13,922	13,859	13,796	13,734	13,671	13,608	13,546	13,483	13,420	165,182
a	Recoverable Costs Allocated to Energy		1,085	1,081	1,076	1,071	1,066	1,061	1,056	1,052	1,047	1,042	1,037	1,032	12,706
b	Recoverable Costs Allocated to Demand		13,025	12,967	12,909	12,851	12,793	12,735	12,677	12,619	12,562	12,504	12,446	12,388	152,475
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		1,055	1,051	1,047	1,043	1,039	1,035	1,031	1,026	1,021	1,026	1,011	1,005	12,390
13	Retail Demand-Related Recoverable Costs (I)		12,664	12,608	12,552	12,496	12,439	12,383	12,327	12,270	12,214	12,158	12,102	12,045	148,258
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		13,719	13,660	13,599	13,539	13,478	13,418	13,358	13,296	13,235	13,184	13,113	13,050	160,649

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Waste Water Treatment Facility
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		340,829	0	0	0	0	0	0	0	0	0	0	0	340,829
c	Retirements		150,000	0	0	0	0	0	0	0	0	0	0	0	150,000
d	Cost of Removal		2,500	0	0	0	0	0	0	0	0	0	0	0	2,500
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	178,962	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791	369,791
3	Less: Accumulated Depreciation (C)	248,488	399,918	398,475	397,033	395,591	394,149	392,707	391,265	389,822	388,380	386,938	385,496	384,054	
4	CWIP - Non Interest Bearing	340,829	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	768,279	769,709	768,267	766,824	765,382	763,940	762,498	761,056	759,614	758,171	756,729	755,287	753,845	
6	Average Net Investment		768,994	768,988	767,546	766,103	764,661	763,219	761,777	760,335	758,892	757,450	756,008	754,566	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		3,580	3,580	3,573	3,566	3,559	3,553	3,546	3,539	3,533	3,526	3,519	3,513	42,586
b	Debt Component (Line 6 x Debt Component x 1/12)		894	894	892	890	889	887	885	884	882	880	878	877	10,631
8	Investment Expenses														
a	Depreciation (E)		1,070	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	1,442	16,934
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		5,543	5,915	5,907	5,899	5,890	5,882	5,873	5,865	5,857	5,848	5,840	5,831	70,151
a	Recoverable Costs Allocated to Energy		426	455	454	454	453	452	452	451	451	450	449	449	5,396
b	Recoverable Costs Allocated to Demand		5,117	5,460	5,453	5,445	5,437	5,429	5,422	5,414	5,406	5,398	5,391	5,383	64,755
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		414	443	442	442	442	441	441	440	439	443	438	437	5,262
13	Retail Demand-Related Recoverable Costs (I)		4,975	5,309	5,302	5,294	5,287	5,279	5,272	5,264	5,257	5,249	5,242	5,234	62,964
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		5,390	5,752	5,744	5,736	5,728	5,721	5,713	5,704	5,696	5,692	5,680	5,671	68,226

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Daniel Ash Management Program
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	14,950,124	
3	Less: Accumulated Depreciation (C)	(6,833,192)	(6,870,568)	(6,907,943)	(6,945,318)	(6,982,694)	(7,020,069)	(7,057,444)	(7,094,820)	(7,132,195)	(7,169,570)	(7,206,945)	(7,244,321)	(7,281,696)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	8,116,932	8,079,556	8,042,181	8,004,806	7,967,430	7,930,055	7,892,680	7,855,304	7,817,929	7,780,554	7,743,179	7,705,803	7,668,428	
6	Average Net Investment		8,098,244	8,060,869	8,023,493	7,986,118	7,948,743	7,911,367	7,873,992	7,836,617	7,799,241	7,761,866	7,724,491	7,687,116	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		37,697	37,523	37,349	37,175	37,001	36,827	36,653	36,479	36,305	36,131	35,958	35,784	440,885
b	Debt Component (Line 6 x Debt Component x 1/12)		9,410	9,367	9,323	9,280	9,236	9,193	9,150	9,106	9,063	9,019	8,976	8,932	110,056
8	Investment Expenses														
a	Depreciation (E)		37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	37,375	448,504
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	21,889	262,665
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		106,372	106,154	105,937	105,719	105,502	105,284	105,067	104,850	104,632	104,415	104,197	103,980	1,262,109
a	Recoverable Costs Allocated to Energy		8,182	8,166	8,149	8,132	8,116	8,099	8,082	8,065	8,049	8,032	8,015	7,998	97,085
b	Recoverable Costs Allocated to Demand		98,189	97,988	97,788	97,587	97,386	97,186	96,985	96,784	96,584	96,383	96,182	95,982	1,165,024
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		7,952	7,946	7,929	7,921	7,911	7,901	7,889	7,866	7,848	7,908	7,816	7,786	94,673
13	Retail Demand-Related Recoverable Costs (I)		95,473	95,278	95,083	94,888	94,693	94,498	94,303	94,107	93,912	93,717	93,522	93,327	1,132,802
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		103,425	103,224	103,012	102,809	102,603	102,399	102,192	101,974	101,760	101,625	101,338	101,113	1,227,475

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Smith Water Conservation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		1,273,637	1,408,261	1,542,886	1,590,931	1,638,976	1,590,931	1,283,149	1,061,946	667,585	422,661	277,891	57,925	12,816,779
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	15,338,696	277,891	57,925	15,674,512
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	21,039,732	36,378,428	36,656,319	36,714,245	
3	Less: Accumulated Depreciation (C)	(2,474,754)	(2,556,809)	(2,638,864)	(2,720,919)	(2,802,974)	(2,885,029)	(2,967,084)	(3,049,139)	(3,131,194)	(3,213,249)	(3,325,214)	(3,467,632)	(3,610,705)	
4	CWIP - Non Interest Bearing	2,857,733	4,131,370	5,539,631	7,082,517	8,673,448	10,312,424	11,903,355	13,186,504	14,248,450	14,916,035	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	21,422,711	22,614,293	23,940,499	25,401,330	26,910,206	28,467,127	29,976,003	31,177,097	32,156,988	32,742,518	33,053,214	33,188,687	33,103,540	
6	Average Net Investment		22,018,502	23,277,396	24,670,915	26,155,768	27,688,666	29,221,565	30,576,550	31,667,042	32,449,753	32,897,866	33,120,951	33,146,114	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		102,496	108,356	114,843	121,755	128,891	136,026	142,334	147,410	151,054	153,140	154,178	154,295	1,614,778
b	Debt Component (Line 6 x Debt Component x 1/12)		25,585	27,048	28,668	30,393	32,174	33,955	35,530	36,797	37,707	38,227	38,487	38,516	403,087
8	Investment Expenses														
a	Depreciation (E)		82,055	82,055	82,055	82,055	82,055	82,055	82,055	82,055	82,055	111,965	142,418	143,073	1,135,950
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		210,137	217,460	225,566	234,203	243,120	252,037	259,919	266,262	270,815	303,332	335,082	335,884	3,153,816
a	Recoverable Costs Allocated to Energy		16,164	16,728	17,351	18,016	18,702	19,387	19,994	20,482	20,832	23,333	25,776	25,837	242,601
b	Recoverable Costs Allocated to Demand		193,972	200,732	208,214	216,187	224,418	232,649	239,925	245,780	249,983	279,999	309,307	310,046	2,911,215
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		15,708	16,277	16,883	17,548	18,229	18,915	19,516	19,976	20,312	22,972	25,136	25,152	236,625
13	Retail Demand-Related Recoverable Costs (I)		188,607	195,180	202,456	210,208	218,212	226,215	233,289	238,983	243,069	272,255	300,752	301,471	2,830,698
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		204,316	211,458	219,338	227,756	236,441	245,130	252,805	258,959	263,382	295,227	325,888	326,624	3,067,324

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Underground Fuel Tank Replacement
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist FDEP Agreement for Ozone Attainment
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	107,574	0	0	0	0	0	0	0	0	107,574
b	Clearings to Plant		0	0	0	949,755	0	0	0	0	0	0	0	0	949,755
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	120,512,234	120,512,234	120,512,234	120,512,234	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	121,461,989	
3	Less: Accumulated Depreciation (C)	(38,533,897)	(38,938,855)	(39,343,814)	(39,748,773)	(40,155,299)	(40,563,392)	(40,971,485)	(41,379,578)	(41,787,671)	(42,195,764)	(42,603,857)	(43,011,950)	(43,420,043)	
4	CWIP - Non Interest Bearing	842,181	842,181	842,181	842,181	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	82,820,519	82,415,560	82,010,601	81,605,642	81,306,690	80,898,597	80,490,504	80,082,411	79,674,318	79,266,225	78,858,132	78,450,039	78,041,946	
6	Average Net Investment		82,618,039	82,213,080	81,808,122	81,456,166	81,102,644	80,694,551	80,286,458	79,878,365	79,470,272	79,062,179	78,654,086	78,245,993	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		384,587	382,702	380,817	379,178	377,533	375,633	373,733	371,834	369,934	368,034	366,135	364,235	4,494,356
b	Debt Component (Line 6 x Debt Component x 1/12)		96,002	95,532	95,061	94,652	94,241	93,767	93,293	92,819	92,344	91,870	91,396	90,922	1,121,899
8	Investment Expenses														
a	Depreciation (E)		394,903	394,903	394,903	396,470	398,037	398,037	398,037	398,037	398,037	398,037	398,037	398,037	4,765,475
b	Amortization (F)		10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	10,056	120,672
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		885,548	883,192	880,837	880,356	879,867	877,493	875,119	872,745	870,372	867,998	865,624	863,250	10,502,402
a	Recoverable Costs Allocated to Energy		68,119	67,938	67,757	67,720	67,682	67,499	67,317	67,134	66,952	66,769	66,586	66,404	807,877
b	Recoverable Costs Allocated to Demand		817,429	815,254	813,080	812,637	812,185	809,994	807,802	805,611	803,420	801,229	799,037	796,846	9,694,525
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		66,198	66,110	65,926	65,963	65,973	65,855	65,708	65,478	65,282	65,736	64,933	64,644	787,804
13	Retail Demand-Related Recoverable Costs (I)		794,821	792,707	790,592	790,161	789,722	787,592	785,461	783,330	781,200	779,069	776,938	774,808	9,426,400
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		861,019	858,816	856,519	856,124	855,695	853,446	851,168	848,808	846,481	844,804	841,871	839,451	10,214,204

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: SPCC Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	947,925	
3	Less: Accumulated Depreciation (C)	(430,520)	(433,771)	(437,021)	(440,272)	(443,523)	(446,773)	(450,024)	(453,274)	(456,525)	(459,776)	(463,026)	(466,277)	(469,528)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	517,405	514,154	510,904	507,653	504,402	501,152	497,901	494,650	491,400	488,149	484,899	481,648	478,397	
6	Average Net Investment		515,779	512,529	509,278	506,028	502,777	499,526	496,276	493,025	489,774	486,524	483,273	480,023	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		2,401	2,386	2,371	2,356	2,340	2,325	2,310	2,295	2,280	2,265	2,250	2,235	27,813
b	Debt Component (Line 6 x Debt Component x 1/12)		599	596	592	588	584	580	577	573	569	565	562	558	6,943
8	Investment Expenses														
a	Depreciation (E)		3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	3,094	37,123
b	Amortization (F)		157	157	157	157	157	157	157	157	157	157	157	157	1,885
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		6,251	6,232	6,213	6,194	6,175	6,156	6,137	6,119	6,100	6,081	6,062	6,043	73,763
a	Recoverable Costs Allocated to Energy		481	479	478	476	475	474	472	471	469	468	466	465	5,674
b	Recoverable Costs Allocated to Demand		5,770	5,753	5,735	5,718	5,700	5,683	5,665	5,648	5,630	5,613	5,596	5,578	68,089
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		467	466	465	464	463	462	461	459	458	461	455	453	5,533
13	Retail Demand-Related Recoverable Costs (I)		5,610	5,594	5,577	5,560	5,543	5,526	5,509	5,492	5,475	5,458	5,441	5,424	66,206
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		6,078	6,060	6,042	6,024	6,006	5,988	5,969	5,951	5,932	5,918	5,895	5,876	71,739

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Beginning and Ending Balances: Crist \$919,836; Smith \$14,895.
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Common FTIR Monitor
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870	62,870
3	Less: Accumulated Depreciation (C)	(34,504)	(34,712)	(34,919)	(35,126)	(35,334)	(35,541)	(35,749)	(35,956)	(36,164)	(36,371)	(36,579)	(36,786)	(36,994)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	28,366	28,159	27,951	27,744	27,536	27,329	27,121	26,914	26,707	26,499	26,292	26,084	25,877	
6	Average Net Investment		28,263	28,055	27,848	27,640	27,433	27,225	27,018	26,810	26,603	26,395	26,188	25,980	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		132	131	130	129	128	127	126	125	124	123	122	121	1,515
b	Debt Component (Line 6 x Debt Component x 1/12)		33	33	32	32	32	32	31	31	31	31	30	30	378
8	Investment Expenses														
a	Depreciation (E)		207	207	207	207	207	207	207	207	207	207	207	207	2,490
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		372	371	369	368	367	366	365	363	362	361	360	359	4,383
a	Recoverable Costs Allocated to Energy		29	29	28	28	28	28	28	28	28	28	28	28	337
b	Recoverable Costs Allocated to Demand		343	342	341	340	339	338	337	335	334	333	332	331	4,046
10	Energy Jurisdictional Factor	0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272		
11	Demand Jurisdictional Factor	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		28	28	28	28	28	27	27	27	27	27	27	27	329
13	Retail Demand-Related Recoverable Costs (I)		334	333	332	331	329	328	327	326	325	324	323	322	3,934
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		362	360	359	358	357	356	355	353	352	351	350	349	4,263

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Precipitator Upgrades for CAM Compliance
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696	13,997,696
3	Less: Accumulated Depreciation (C)	(5,824,120)	(5,870,312)	(5,916,505)	(5,962,697)	(6,008,889)	(6,055,082)	(6,101,274)	(6,147,467)	(6,193,659)	(6,239,851)	(6,286,044)	(6,332,236)	(6,378,429)	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4) (A)	8,173,576	8,127,384	8,081,191	8,034,999	7,988,806	7,942,614	7,896,422	7,850,229	7,804,037	7,757,844	7,711,652	7,665,460	7,619,267	
6	Average Net Investment		8,150,480	8,104,287	8,058,095	8,011,903	7,965,710	7,919,518	7,873,325	7,827,133	7,780,941	7,734,748	7,688,556	7,642,363	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		37,940	37,725	37,510	37,295	37,080	36,865	36,650	36,435	36,220	36,005	35,790	35,575	441,094
b	Debt Component (Line 6 x Debt Component x 1/12)		9,471	9,417	9,364	9,310	9,256	9,202	9,149	9,095	9,041	8,988	8,934	8,880	110,108
8	Investment Expenses														
a	Depreciation (E)		46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	46,192	554,309
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		93,604	93,335	93,066	92,798	92,529	92,260	91,992	91,723	91,454	91,185	90,917	90,648	1,105,511
a	Recoverable Costs Allocated to Energy		7,200	7,180	7,159	7,138	7,118	7,097	7,076	7,056	7,035	7,014	6,994	6,973	85,039
b	Recoverable Costs Allocated to Demand		86,403	86,155	85,907	85,659	85,411	85,163	84,915	84,667	84,419	84,171	83,923	83,675	1,020,471
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		6,997	6,986	6,966	6,953	6,938	6,924	6,907	6,881	6,859	6,906	6,820	6,788	82,926
13	Retail Demand-Related Recoverable Costs (I)		84,014	83,773	83,531	83,290	83,049	82,808	82,567	82,326	82,084	81,843	81,602	81,361	992,248
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		91,011	90,759	90,497	90,243	89,987	89,732	89,474	89,207	88,944	88,749	88,422	88,149	1,075,174

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Plant Groundwater Investigation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Less: Accumulated Depreciation (C)	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	CWIP - Non Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 6 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (I)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Crist Water Conservation Program
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		533,264	0	0	0	0	0	0	0	0	0	0	0	533,264
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	19,846,127	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391	20,379,391
3	Less: Accumulated Depreciation (C)	(6,414,044)	(6,480,416)	(6,547,668)	(6,614,920)	(6,682,172)	(6,749,424)	(6,816,676)	(6,883,928)	(6,951,180)	(7,018,432)	(7,085,684)	(7,152,936)	(7,220,188)	
4	CWIP - Non Interest Bearing	533,264	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
5	Net Investment (Lines 2 + 3 + 4) (A)	13,965,347	13,898,975	13,831,723	13,764,471	13,697,219	13,629,967	13,562,715	13,495,463	13,428,211	13,360,959	13,293,707	13,226,455	13,159,203	
6	Average Net Investment		13,932,161	13,865,349	13,798,097	13,730,845	13,663,593	13,596,341	13,529,089	13,461,837	13,394,585	13,327,333	13,260,081	13,192,829	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		64,854	64,543	64,230	63,917	63,604	63,291	62,978	62,665	62,352	62,039	61,726	61,413	757,611
b	Debt Component (Line 6 x Debt Component x 1/12)		16,189	16,112	16,033	15,955	15,877	15,799	15,721	15,643	15,565	15,486	15,408	15,330	189,118
8	Investment Expenses														
a	Depreciation (E)		66,372	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	67,252	806,144
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		147,415	147,907	147,516	147,124	146,733	146,342	145,951	145,559	145,168	144,777	144,386	143,995	1,752,873
a	Recoverable Costs Allocated to Energy		11,340	11,377	11,347	11,317	11,287	11,257	11,227	11,197	11,167	11,137	11,107	11,077	134,836
b	Recoverable Costs Allocated to Demand		136,076	136,529	136,168	135,807	135,446	135,085	134,724	134,363	134,002	133,640	133,279	132,918	1,618,037
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		11,020	11,071	11,041	11,024	11,002	10,983	10,959	10,921	10,888	10,964	10,831	10,783	131,486
13	Retail Demand-Related Recoverable Costs (I)		132,312	132,753	132,402	132,051	131,700	131,349	130,998	130,647	130,295	129,944	129,593	129,242	1,573,286
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		143,332	143,825	143,443	143,075	142,702	142,332	141,956	141,567	141,184	140,909	140,424	140,025	1,704,772

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Plant NPDES Permit Compliance Programs
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	1,042,071	1,042,071	349,152	349,152	349,152	0	0	0	0	0	0	3,131,598
b	Clearings to Plant		0	0	0	0	0	3,131,598	0	0	0	0	0	0	3,131,598
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	9,950,713	9,950,713	9,950,713	9,950,713	9,950,713	9,950,713	13,082,311	13,082,311	13,082,311	13,082,311	13,082,311	13,082,311	13,082,311	
3	Less: Accumulated Depreciation (C)	(2,968,156)	(3,003,272)	(3,038,388)	(3,073,503)	(3,108,619)	(3,143,735)	(3,184,018)	(3,229,468)	(3,274,919)	(3,320,369)	(3,365,819)	(3,411,269)	(3,456,719)	
4	CWIP - Non Interest Bearing	0	0	1,042,071	2,084,142	2,433,294	2,782,446	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4) (A)	6,982,557	6,947,442	7,954,397	8,961,352	9,275,388	9,589,424	9,898,293	9,852,843	9,807,393	9,761,942	9,716,492	9,671,042	9,625,592	
6	Average Net Investment		6,964,999	7,450,919	8,457,874	9,118,370	9,432,406	9,743,858	9,875,568	9,830,118	9,784,667	9,739,217	9,693,767	9,648,317	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		32,422	34,684	39,371	42,446	43,908	45,358	45,971	45,759	45,548	45,336	45,124	44,913	510,840
b	Debt Component (Line 6 x Debt Component x 1/12)		8,093	8,658	9,828	10,596	10,960	11,322	11,475	11,423	11,370	11,317	11,264	11,211	127,518
8	Investment Expenses														
a	Depreciation (E)		35,116	35,116	35,116	35,116	35,116	40,283	45,450	45,450	45,450	45,450	45,450	45,450	488,564
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		75,631	78,458	84,315	88,157	89,984	96,963	102,896	102,632	102,368	102,103	101,839	101,574	1,126,922
a	Recoverable Costs Allocated to Energy		5,818	6,035	6,486	6,781	6,922	7,459	7,915	7,895	7,874	7,854	7,834	7,813	86,686
b	Recoverable Costs Allocated to Demand		69,814	72,423	77,830	81,376	83,062	89,504	94,981	94,737	94,493	94,249	94,005	93,761	1,040,235
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		5,654	5,873	6,311	6,605	6,747	7,277	7,726	7,700	7,678	7,733	7,639	7,606	84,548
13	Retail Demand-Related Recoverable Costs (I)		67,883	70,420	75,677	79,125	80,765	87,029	92,354	92,117	91,880	91,642	91,405	91,168	1,011,465
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		73,536	76,292	81,988	85,731	87,512	94,306	100,080	99,817	99,558	99,375	99,044	98,774	1,096,014

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
- (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Air Quality Compliance Program
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		648,784	669,758	1,517,595	2,390,824	805,113	547,368	407,739	127,413	127,413	279,343	279,343	24,343	7,825,035
b	Clearings to Plant		0	0	0	0	1,788,027	1,600,000	0	0	4,771,010	0	0	802,112	8,961,149
c	Retirements		0	0	0	0	5,294,389	600,000	0	0	0	0	0	250,000	6,144,389
d	Cost of Removal		5,000	0	0	0	315,000	300,000	0	0	0	0	0	0	620,000
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,346,833,737	1,343,327,375	1,344,327,375	1,344,327,375	1,344,327,375	1,349,098,385	1,349,098,385	1,349,098,385	1,349,650,497	
3	Less: Accumulated Depreciation (C)	(320,263,237)	(324,144,683)	(328,031,129)	(331,917,574)	(335,804,020)	(334,075,292)	(337,051,816)	(340,929,991)	(344,808,166)	(348,694,213)	(352,588,132)	(356,482,051)	(360,126,558)	
4	CWIP - Non Interest Bearing	2,951,861	3,600,646	4,270,403	5,787,998	8,178,822	7,195,908	6,143,276	6,551,015	6,678,428	2,034,831	2,314,173	2,593,516	1,815,746	
5	Net Investment (Lines 2 + 3 + 4) (A)	1,029,522,361	1,026,289,700	1,023,073,012	1,020,704,160	1,019,208,539	1,016,447,991	1,013,418,834	1,009,948,399	1,006,197,637	1,002,439,003	998,824,426	995,209,850	991,339,685	
6	Average Net Investment		1,027,906,030	1,024,681,356	1,021,888,586	1,019,956,350	1,017,828,265	1,014,933,413	1,011,683,617	1,008,073,018	1,004,318,320	1,000,631,714	997,017,138	993,274,768	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		4,784,903	4,769,892	4,756,891	4,747,897	4,737,991	4,724,515	4,709,387	4,692,580	4,675,102	4,657,941	4,641,115	4,623,694	56,521,906
b	Debt Component (Line 6 x Debt Component x 1/12)		1,194,427	1,190,680	1,187,435	1,185,189	1,182,716	1,179,353	1,175,576	1,171,381	1,167,018	1,162,734	1,158,534	1,154,185	14,109,228
8	Investment Expenses														
a	Depreciation (E)		3,858,009	3,858,009	3,858,009	3,858,009	3,852,223	3,848,088	3,849,738	3,849,738	3,857,610	3,865,482	3,865,482	3,866,070	46,286,468
b	Amortization (F)		28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	28,437	341,242
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	562,653	6,751,836
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		10,428,428	10,409,670	10,393,425	10,382,185	10,364,020	10,343,045	10,325,791	10,304,789	10,290,820	10,277,247	10,256,221	10,235,039	124,010,680
a	Recoverable Costs Allocated to Energy		802,187	800,744	799,494	798,630	797,232	795,619	794,292	792,676	791,602	790,557	788,940	787,311	9,539,283
b	Recoverable Costs Allocated to Demand		9,626,241	9,608,926	9,593,930	9,583,555	9,566,788	9,547,427	9,531,500	9,512,112	9,499,218	9,486,689	9,467,281	9,447,729	114,471,397
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		779,561	779,195	777,898	777,908	777,098	776,235	775,303	773,115	771,860	778,322	769,351	766,442	9,302,288
13	Retail Demand-Related Recoverable Costs (I)		9,360,006	9,343,169	9,328,588	9,318,500	9,302,196	9,283,371	9,267,884	9,249,033	9,236,495	9,224,313	9,205,441	9,186,430	111,305,427
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		10,139,567	10,122,364	10,106,486	10,096,408	10,079,295	10,059,605	10,043,188	10,022,148	10,008,355	10,002,635	9,974,792	9,952,872	120,607,715

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this program, if applicable
(B) Beginning Balances: Crist \$788,447,996; Smith \$229,742; Daniel \$373,960,048, Scherer \$184,195,951. Ending Balances: Crist \$790,712,644; Smith \$229,742; Daniel \$374,220,048, Scherer \$184,488,064.
(C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
(D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
(E) Applicable depreciation rate or rates.
(F) Applicable amortization period.
(G) Description and reason for "Other" adjustments to investment expenses for this program.
(H) Line 9a x Line 10 x line loss multiplier
(I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: General Water Quality
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	2,163,027	40,000	450,000	500,000	1,000,000	1,500,000	1,500,000	1,500,000	1,500,000	10,153,027
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	868,976	
3	Less: Accumulated Depreciation (C)	(50,332)	(53,200)	(56,067)	(58,935)	(61,803)	(64,670)	(67,538)	(70,405)	(73,273)	(76,141)	(79,008)	(81,876)	(84,743)	
4	CWIP - Non Interest Bearing	1,184,401	1,184,401	1,184,401	1,184,401	3,347,428	3,387,428	3,837,428	4,337,428	5,337,428	6,837,428	8,337,428	9,837,428	11,337,428	
5	Net Investment (Lines 2 + 3 + 4) (A)	2,003,045	2,000,177	1,997,310	1,994,442	4,154,601	4,191,734	4,638,866	5,135,999	6,133,131	7,630,263	9,127,396	10,624,528	12,121,661	
6	Average Net Investment		2,001,611	1,998,743	1,995,876	3,074,522	4,173,168	4,415,300	4,887,432	5,634,565	6,881,697	8,378,830	9,875,962	11,373,094	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		9,317	9,304	9,291	14,312	19,426	20,553	22,751	26,229	32,034	39,003	45,973	52,942	301,136
b	Debt Component (Line 6 x Debt Component x 1/12)		2,326	2,323	2,319	3,573	4,849	5,131	5,679	6,547	7,997	9,736	11,476	13,216	75,171
8	Investment Expenses														
a	Depreciation (E)		2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	2,868	34,411
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		14,511	14,494	14,478	20,752	27,143	28,551	31,298	35,644	42,898	51,607	60,316	69,025	410,718
a	Recoverable Costs Allocated to Energy		1,116	1,115	1,114	1,596	2,088	2,196	2,408	2,742	3,300	3,970	4,640	5,310	31,594
b	Recoverable Costs Allocated to Demand		13,395	13,379	13,364	19,156	25,055	26,355	28,890	32,902	39,599	47,637	55,676	63,715	379,124
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		1,085	1,085	1,084	1,555	2,035	2,143	2,350	2,674	3,218	3,908	4,524	5,169	30,830
13	Retail Demand-Related Recoverable Costs (I)		13,024	13,009	12,994	18,626	24,362	25,626	28,091	31,992	38,503	46,320	54,137	61,953	368,639
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		14,109	14,094	14,078	20,181	26,397	27,769	30,441	34,666	41,721	50,228	58,661	67,122	399,468

Notes:

- (A) Description and reason for 'Other' adjustments to net Investment for this program, if applicable
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Coal Combustion Residuals
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		5,191,977	6,439,451	6,416,711	6,619,678	4,025,284	4,356,372	3,171,761	3,635,726	2,816,560	2,786,558	1,958,086	1,860,264	49,278,428
b	Clearings to Plant		0	0	0	0	150,000	0	9,521,296	24,600,000	5,925,237	17,514,052	0	14,328,704	72,039,289
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	17,359,730	17,359,730	17,359,730	17,359,730	17,359,730	17,509,730	17,509,730	27,031,027	51,631,027	57,556,264	75,070,316	75,070,316	89,399,019	
3	Less: Accumulated Depreciation (C)	(35,497,861)	(35,587,937)	(35,678,012)	(35,768,088)	(35,858,164)	(35,948,488)	(36,039,059)	(36,141,531)	(36,276,815)	(36,438,046)	(36,619,200)	(36,815,241)	(37,029,193)	
4	CWIP - Non Interest Bearing	90,022,906	95,214,884	101,654,335	108,071,047	114,690,725	118,566,009	122,922,381	116,572,845	95,608,571	92,499,894	77,772,400	79,730,486	67,262,046	
5	Net Investment (Lines 2 + 3 + 4) (A)		71,884,776	76,986,678	83,336,053	89,662,688	96,192,291	100,127,251	104,393,052	107,462,341	110,962,782	113,618,112	116,223,516	117,985,560	119,631,872
6	Average Net Investment		74,435,727	80,161,365	86,499,371	92,927,489	98,159,771	102,260,152	105,927,696	109,212,561	112,290,447	114,920,814	117,104,538	118,808,716	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		346,498	373,151	402,655	432,577	456,934	476,021	493,093	508,384	522,712	534,956	545,122	553,055	5,645,159
b	Debt Component (Line 6 x Debt Component x 1/12)		86,494	93,148	100,512	107,982	114,062	118,826	123,088	126,905	130,481	133,538	136,075	138,056	1,409,167
8	Investment Expenses														
a	Depreciation (E)		35,215	35,215	35,215	35,215	35,463	35,710	47,612	80,424	106,370	126,293	141,180	159,091	873,004
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	54,861	658,328
d	Property Taxes		4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	4,917	59,005
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		527,986	561,292	598,160	635,552	666,236	690,335	723,571	775,491	819,341	854,565	882,155	909,979	8,644,663
a	Recoverable Costs Allocated to Energy		40,614	43,176	46,012	48,889	51,249	53,103	55,659	59,653	63,026	65,736	67,858	69,998	664,974
b	Recoverable Costs Allocated to Demand		487,371	518,115	552,148	586,664	614,987	637,233	667,912	715,838	756,315	788,830	814,297	839,981	7,979,689
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		39,469	42,014	44,769	47,620	49,955	51,809	54,329	58,181	61,454	64,718	66,173	68,143	648,635
13	Retail Demand-Related Recoverable Costs (I)		473,892	503,786	536,877	570,438	597,978	619,608	649,439	696,039	735,397	767,013	791,776	816,749	7,758,992
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		513,361	545,800	581,646	618,058	647,933	671,417	703,768	754,220	796,852	831,731	857,949	884,892	8,407,627

- Notes:
- (A) Description and reason for 'Other' adjustments to net Investment for this program, if applicable
- (B) Beginning Balances: Crist \$587,448; Smith \$2,178,783; Scherer \$13,815,594; Scholz \$673,181; Daniel \$104,724. Ending Balances: Crist \$737,448; Smith \$32,704,020; Scherer \$13,815,594; Scholz \$18,187,233; Daniel \$23,954,724.
- (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal
- (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
- (E) Applicable depreciation rate or rates.
- (F) Applicable amortization period.
- (G) Description and reason for "Other" adjustments to investment expenses for this program.
- (H) Line 9a x Line 10 x line loss multiplier
- (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: Steam Electric Effluent Limitations Guidelines
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	72,604	871,250
b	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	5,657,885	
3	Less: Accumulated Depreciation (C)	(409,839)	(428,510)	(447,181)	(465,852)	(484,523)	(503,194)	(521,865)	(540,536)	(559,207)	(577,878)	(596,549)	(615,220)	(633,891)	
4	CWIP - Non Interest Bearing	566,500	639,104	711,708	784,313	856,917	929,521	1,002,125	1,074,729	1,147,333	1,219,938	1,292,542	1,365,146	1,437,750	
5	Net Investment (Lines 2 + 3 + 4) (A)	5,814,546	5,868,479	5,922,413	5,976,346	6,030,279	6,084,212	6,138,145	6,192,078	6,246,011	6,299,945	6,353,878	6,407,811	6,461,744	
6	Average Net Investment		5,841,513	5,895,446	5,949,379	6,003,312	6,057,245	6,111,179	6,165,112	6,219,045	6,272,978	6,326,911	6,380,844	6,434,777	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		27,192	27,443	27,694	27,945	28,196	28,448	28,699	28,950	29,201	29,452	29,703	29,954	342,877
b	Debt Component (Line 6 x Debt Component x 1/12)		6,788	6,851	6,913	6,976	7,039	7,101	7,164	7,227	7,289	7,352	7,415	7,477	85,590
8	Investment Expenses														
a	Depreciation (E)		18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	18,671	224,052
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		52,651	52,965	53,279	53,592	53,906	54,220	54,533	54,847	55,161	55,475	55,788	56,102	652,519
a	Recoverable Costs Allocated to Energy		4,050	4,074	4,098	4,122	4,147	4,171	4,195	4,219	4,243	4,267	4,291	4,316	50,194
b	Recoverable Costs Allocated to Demand		48,601	48,891	49,180	49,470	49,759	50,049	50,339	50,628	50,918	51,207	51,497	51,787	602,326
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		3,936	3,965	3,988	4,016	4,042	4,069	4,095	4,115	4,137	4,201	4,185	4,201	48,949
13	Retail Demand-Related Recoverable Costs (I)		47,257	47,538	47,820	48,102	48,383	48,665	48,946	49,228	49,510	49,791	50,073	50,354	585,667
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		51,193	51,503	51,808	52,117	52,425	52,734	53,041	53,343	53,647	53,992	54,258	54,555	634,616

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Capital Investments, Depreciation and Taxes
For Program: 316(b) Intake Structure Regulation
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings to Plant		0	0	2,000,000	0	0	0	0	0	0	0	0	0	2,000,000
c	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Cost of Removal		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Salvage		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (B)	0	0	0	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	
3	Less: Accumulated Depreciation (C)	664	664	664	(3,236)	(11,036)	(18,836)	(26,636)	(34,436)	(42,236)	(50,036)	(57,836)	(65,636)	(73,436)	
4	CWIP - Non Interest Bearing	2,001,288	2,001,288	2,001,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	1,288	
5	Net Investment (Lines 2 + 3 + 4) (A)	2,001,951	2,001,951	2,001,951	1,998,051	1,990,251	1,982,451	1,974,651	1,966,851	1,959,051	1,951,251	1,943,451	1,935,651	1,927,851	
6	Average Net Investment		2,001,951	2,001,951	2,000,001	1,994,151	1,986,351	1,978,551	1,970,751	1,962,951	1,955,151	1,947,351	1,939,551	1,931,751	
7	Return on Average Net Investment														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		9,319	9,319	9,310	9,283	9,246	9,210	9,174	9,138	9,101	9,065	9,029	8,992	110,186
b	Debt Component (Line 6 x Debt Component x 1/12)		2,326	2,326	2,324	2,317	2,308	2,299	2,290	2,281	2,272	2,263	2,254	2,245	27,505
8	Investment Expenses														
a	Depreciation (E)		0	0	3,900	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	7,800	74,100
b	Amortization (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		11,645	11,645	15,534	19,400	19,355	19,309	19,264	19,218	19,173	19,128	19,082	19,037	211,791
a	Recoverable Costs Allocated to Energy		896	896	1,195	1,492	1,489	1,485	1,482	1,478	1,475	1,471	1,468	1,464	16,292
b	Recoverable Costs Allocated to Demand		10,750	10,750	14,339	17,908	17,866	17,824	17,782	17,740	17,698	17,656	17,615	17,573	195,499
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (H)		871	872	1,163	1,454	1,451	1,449	1,446	1,442	1,438	1,449	1,431	1,426	15,891
13	Retail Demand-Related Recoverable Costs (I)		10,452	10,452	13,942	17,412	17,372	17,331	17,290	17,249	17,209	17,168	17,127	17,087	190,092
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		11,323	11,324	15,105	18,866	18,823	18,780	18,737	18,691	18,647	18,617	18,559	18,512	205,983

Notes:

- (A) Description and reason for 'Other' adjustments to net investment for this program, if applicable.
 (B) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s).
 (C) Description of Adjustments to Reserve for Gross Salvage and Other Recoveries and Cost of Removal.
 (D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (E) Applicable depreciation rate or rates.
 (F) Applicable amortization period.
 (G) Description and reason for "Other" adjustments to investment expenses for this program.
 (H) Line 9a x Line 10 x line loss multiplier
 (I) Line 9b x Line 11.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, Mercury Allowance Expenses
For Program: Mercury Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Total Working Capital Balance	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Average Net Working Capital Balance		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Debt Component (Line 4 x Debt Component x 1/12)		0	0	0	0	0	0	0	0	0	0	0	0	0
6	Total Return Component (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Mercury Allowance Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Net Expenses (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 6 + 8)		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		0	0	0	0	0	0	0	0	0	0	0	0	0

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3P.
 (E) Line 8 is reported on Schedule 2P.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, Annual NOx Expenses
For Project: Annual NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	5,080	4,693	4,394	4,001	3,690	3,582	3,434	3,274	3,115	2,967	2,652	2,390	1,993	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	5,080	4,693	4,394	4,001	3,690	3,582	3,434	3,274	3,115	2,967	2,652	2,390	1,993	
4	Average Net Working Capital Balance		4,886	4,543	4,198	3,846	3,636	3,508	3,354	3,194	3,041	2,809	2,521	2,192	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		23	21	20	18	17	16	16	15	14	13	12	10	194
b	Debt Component (Line 4 x Debt Component x 1/12)		6	5	5	4	4	4	4	4	4	3	3	3	48
6	Total Return Component (D)		28	26	24	22	21	20	20	19	18	16	15	13	243
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Annual NOx Allowance Expense		387	299	392	312	108	148	160	159	148	315	261	398	3,087
8	Net Expenses (E)		387	299	392	312	108	148	160	159	148	315	261	398	3,087
9	Total System Recoverable Expenses (Lines 6 + 8)		416	325	417	334	129	169	179	178	166	331	276	411	3,330
a	Recoverable Costs Allocated to Energy		389	301	394	313	109	150	161	161	150	316	262	399	3,106
b	Recoverable Costs Allocated to Demand		26	24	23	21	20	19	18	17	16	15	14	12	224
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		378	293	384	305	107	146	157	157	146	311	256	388	3,028
13	Retail Demand-Related Recoverable Costs (C)		26	24	22	20	19	18	18	17	16	15	13	11	218
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		404	317	405	325	126	165	175	173	162	326	269	400	3,246

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3P.
 (E) Line 8 is reported on Schedule 2P.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, Seasonal NOx Expenses
For Program: Seasonal NOx Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	85,000	0	0	0	0	0	0	0	85,000
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	162,078	162,078	162,078	162,078	162,078	246,100	244,655	243,023	241,382	239,965	239,965	239,965	239,965	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	
d	FERC 254 Regulatory Liabilities - Gains	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	Total Working Capital Balance	162,078	162,078	162,078	162,078	162,078	246,100	244,655	243,023	241,382	239,965	239,965	239,965	239,965	
4	Average Net Working Capital Balance		162,078	162,078	162,078	162,078	204,089	245,377	243,839	242,202	240,674	239,965	239,965	239,965	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		754	754	754	754	950	1,142	1,135	1,127	1,120	1,117	1,117	1,117	11,844
b	Debt Component (Line 4 x Debt Component x 1/12)		188	188	188	188	237	285	283	281	280	279	279	279	2,957
6	Total Return Component (D)		943	943	943	943	1,187	1,427	1,418	1,409	1,400	1,396	1,396	1,396	14,801
7	Expenses														
a	Gains		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Seasonal NOx Allowance Expense		0	0	0	0	978	1,445	1,632	1,641	1,417	0	0	0	7,113
8	Net Expenses (E)		0	0	0	0	978	1,445	1,632	1,641	1,417	0	0	0	7,113
9	Total System Recoverable Expenses (Lines 6 + 8)		943	943	943	943	2,166	2,872	3,050	3,050	2,817	1,396	1,396	1,396	21,913
a	Recoverable Costs Allocated to Energy		73	73	73	73	1,070	1,555	1,741	1,749	1,524	107	107	107	8,251
b	Recoverable Costs Allocated to Demand		870	870	870	870	1,096	1,318	1,309	1,301	1,292	1,289	1,289	1,289	13,662
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		70	71	71	71	1,043	1,517	1,700	1,706	1,486	106	105	105	8,049
13	Retail Demand-Related Recoverable Costs (C)		846	846	846	846	1,066	1,281	1,273	1,265	1,257	1,253	1,253	1,253	13,284
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		917	917	917	917	2,108	2,798	2,973	2,971	2,743	1,359	1,358	1,357	21,333

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3P.
 (E) Line 8 is reported on Schedule 2P.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, SO2 Expenses
For Program: SO2 Allowances
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Investments														
a	Purchases/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Auction Proceeds/Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Working Capital														
a	FERC 158.1 Allowance Inventory	6,291,809	6,290,577	6,289,520	6,288,994	6,288,582	6,287,457	6,285,626	6,284,813	6,283,997	6,283,277	6,282,750	6,282,467	6,281,935	
b	FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c	FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d	FERC 254 Regulatory Liabilities - Gains	(181)	(178)	(174)	(171)	(168)	(164)	(161)	(158)	(155)	(151)	(148)	(145)	(142)	
3	Total Working Capital Balance	6,291,628	6,290,400	6,289,345	6,288,823	6,288,415	6,287,293	6,285,465	6,284,655	6,283,843	6,283,125	6,282,602	6,282,322	6,281,794	
4	Average Net Working Capital Balance		6,291,014	6,289,873	6,289,084	6,288,619	6,287,854	6,286,379	6,285,060	6,284,249	6,283,484	6,282,864	6,282,462	6,282,058	
5	Return on Average Net Working Capital Balance														
a	Equity Component (Line 4 x Equity Component x 1/12) (A)		29,285	29,279	29,276	29,274	29,270	29,263	29,257	29,253	29,250	29,247	29,245	29,243	351,141
b	Debt Component (Line 4 x Debt Component x 1/12)		7,310	7,309	7,308	7,307	7,306	7,305	7,303	7,302	7,301	7,301	7,300	7,300	87,653
6	Total Return Component (D)		36,595	36,588	36,584	36,581	36,576	36,568	36,560	36,555	36,551	36,547	36,545	36,543	438,794
7	Expenses														
a	Gains		(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(39)
b	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c	SO2 Allowance Expense		1,232	1,058	526	411	1,125	1,831	813	815	720	526	284	531	9,874
8	Net Expenses (E)		1,228	1,054	523	408	1,122	1,828	810	812	717	523	281	528	9,834
9	Total System Recoverable Expenses (Lines 6 + 8)		37,823	37,642	37,106	36,989	37,698	38,396	37,370	37,368	37,268	37,071	36,826	37,071	448,628
a	Recoverable Costs Allocated to Energy		4,043	3,869	3,337	3,222	3,935	4,641	3,622	3,624	3,529	3,335	3,092	3,339	43,588
b	Recoverable Costs Allocated to Demand		33,780	33,774	33,769	33,767	33,763	33,755	33,748	33,744	33,739	33,736	33,734	33,732	405,040
10	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
11	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
12	Retail Energy-Related Recoverable Costs (B)		3,929	3,765	3,247	3,139	3,836	4,528	3,536	3,535	3,441	3,283	3,015	3,251	42,503
13	Retail Demand-Related Recoverable Costs (C)		32,846	32,840	32,836	32,833	32,829	32,821	32,814	32,810	32,806	32,803	32,801	32,799	393,838
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		36,775	36,604	36,082	35,972	36,665	37,349	36,350	36,345	36,247	36,086	35,816	36,049	436,341

Notes:

- (A) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
 (B) Line 9a x Line 10 x line loss multiplier
 (C) Line 9b x Line 11.
 (D) Line 6 is reported on Schedule 3P.
 (E) Line 8 is reported on Schedule 2P.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020
Return on Working Capital, Amortization Expense
For Program: Regulatory Asset Smith Units 1 & 2
For Retired P.E.s 1413, 1440, 1441, 1442, 1444, 1454, 1459, 1460, 1461, 1462, 1468, 1469, 1647, 1620, 1638
(in Dollars)

Line	Description	Beginning of Period Amount	Projected January	Projected February	Projected March	Projected April	Projected May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	12-Month Total
1	Regulatory Asset Balance 182.2 (B)	18,498,355	18,498,355	18,379,776	18,261,197	18,142,617	18,024,038	17,905,459	17,786,880	17,668,301	17,549,721	17,431,142	17,312,563	17,193,984	
2	Less Amortization (C)	0	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	(118,579)	
3	Net Regulatory Asset Balance (Lines 1 + 2) (A)	18,498,355	18,379,776	18,261,197	18,142,617	18,024,038	17,905,459	17,786,880	17,668,301	17,549,721	17,431,142	17,312,563	17,193,984	17,075,405	
4	Average Regulatory Asset Balance		18,439,065	18,320,486	18,201,907	18,083,328	17,964,749	17,846,169	17,727,590	17,609,011	17,490,432	17,371,853	17,253,273	17,134,694	
5	Return on Average Regulatory Asset Balance														
a	Equity Component (Line 6 x Equity Component x 1/12) (D)		85,834	85,282	84,730	84,178	83,626	83,074	82,522	81,970	81,418	80,866	80,314	79,762	993,575
b	Debt Component (Line 6 x Debt Component x 1/12)		21,426	21,288	21,151	21,013	20,875	20,737	20,599	20,462	20,324	20,186	20,048	19,911	248,020
6	Amortization Expense														
a	Amortization (E)		118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	118,579	1,422,950
b	Other (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Total System Recoverable Expenses (Lines 5 + 6)		225,839	225,149	224,460	223,770	223,080	222,390	221,701	221,011	220,321	219,631	218,941	218,252	2,664,546
a	Recoverable Costs Allocated to Energy		17,372	17,319	17,266	17,213	17,160	17,107	17,054	17,001	16,948	16,895	16,842	16,789	204,965
b	Recoverable Costs Allocated to Demand		208,467	207,830	207,194	206,557	205,920	205,283	204,647	204,010	203,373	202,737	202,100	201,463	2,459,581
8	Energy Jurisdictional Factor		0.9706307	0.9719222	0.9718210	0.9728861	0.9735769	0.9744672	0.9749243	0.9741534	0.9738925	0.9833424	0.9740015	0.9723272	
9	Demand Jurisdictional Factor		0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	0.9723427	
10	Retail Energy-Related Recoverable Costs (G)		16,882	16,853	16,800	16,766	16,727	16,690	16,646	16,581	16,525	16,633	16,423	16,344	199,871
11	Retail Demand-Related Recoverable Costs (H)		202,701	202,082	201,463	200,844	200,225	199,606	198,987	198,368	197,749	197,129	196,510	195,891	2,391,555
12	Total Jurisdictional Recoverable Costs (Lines 10 + 11)		219,584	218,935	218,263	217,610	216,952	216,296	215,633	214,949	214,274	213,763	212,934	212,235	2,591,427

Notes:

- (A) End of period Regulatory Asset Balance.
(B) Beginning of period Regulatory Asset Balance.
(C) Regulatory Asset has a 15 year amortization period.
(D) The equity component has been grossed up for taxes. The approved ROE is 10.25%.
(E) Regulatory Asset has a 15 year amortization period.
(F) Description and reason for "Other" adjustments to regulatory asset.
(G) Line 7a x Line 8 x line loss multiplier
(H) Line 7b x Line 9.

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2020 - December 2020

Rate Class	(A) Average 12 CP Load Factor at Meter (%)	(B) Jan - Dec. 2020 Projected Sales at Meter (kWh)	(C) Projected Avg 12 CP at Meter (kW)	(D) Demand Loss Expansion Factor	(E) Energy Loss Expansion Factor	(F) Projected Sales at Generation (kWh)	(G) Projected Avg 12 CP at Generation (kW)	(H) Percentage of kWh Sales at Generation (%)	(I) Percentage of 12 CP Demand at Generation (%)
RS, RSVP, RSTOU	58.270328%	5,468,715,000	1,068,429	1.00609343	1.00559591	5,499,317,437	1,074,939	50.22062%	57.87766%
GS	57.224449%	302,467,000	60,173	1.00608241	1.00559477	304,159,233	60,539	2.77762%	3.25960%
GSD, GSDT, GSTOU	74.102156%	2,428,641,000	373,113	1.00590017	1.00544671	2,441,869,103	375,314	22.29953%	20.20795%
LP, LPT	85.094449%	879,247,000	117,630	0.98747379	0.99210885	872,308,730	116,156	7.96606%	6.25418%
PX, PXT, RTP, SBS	84.969637%	1,720,313,000	230,490	0.96884429	0.97666479	1,680,169,135	223,309	15.34356%	12.02355%
OS-I/II	767.743332%	104,803,000	1,554	1.00619545	1.00560119	105,390,022	1,564	0.96244%	0.08419%
OS-III	98.645916%	46,843,000	5,406	1.00617773	1.00558881	47,104,797	5,439	0.43017%	0.29287%
TOTAL		<u>10,951,029,000</u>	<u>1,856,794</u>			<u>10,950,318,457</u>	<u>1,857,260</u>	<u>100.000000%</u>	<u>100.000000%</u>

Notes:

- (A) Average 12 CP load factor based on actual 2018 load research data
(B) Projected kWh sales for the period January 2020 - December 2020
(C) Calculated: (Col 2) / (8,784 x Col 1), (8,784 hours = the # of hours in 1 year)
(F) Column B x Column E
(G) Column C x Column D
(H) Column F / total for Column F
(I) Column I / total for Column I

Schedule 7P

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Energy & Demand Allocation % By Rate Class
January 2020 - December 2020

Rate Class	(A) Percentage of kWh Sales at Generation (%)	(B) Percentage of 12 CP Demand at Generation (%)	(C) Energy- Related Costs	(D) Demand- Related Costs	(E) Total Environmental Costs	(F) Projected Sales at Meter (kWh)	(G) Environmental Cost Recovery Factors (¢/kWh)
RS, RSVP, RSTOU	50.22062%	57.87766%	15,419,636	88,347,362	103,766,998	5,468,715,000	1.897
GS	2.77762%	3.25960%	852,835	4,975,617	5,828,452	302,467,000	1.927
GSD, GSDT, GSTOU	22.29953%	20.20795%	6,846,802	30,846,428	37,693,230	2,428,641,000	1.552
LP, LPT	7.96606%	6.25418%	2,445,883	9,546,694	11,992,577	879,247,000	1.364
PX, PXT, RTP, SBS	15.34356%	12.02355%	4,711,056	18,353,350	23,064,406	1,720,313,000	1.341
OS-I/II	0.96244%	0.08419%	295,506	128,512	424,018	104,803,000	0.405
OS-III	0.43017%	0.29287%	132,079	447,051	579,130	46,843,000	1.236
TOTAL	<u>100.00000%</u>	<u>100.00000%</u>	<u>\$30,703,797</u>	<u>\$152,645,014</u>	<u>183,348,811</u>	<u>10,951,029,000</u>	<u>1.674</u>

Notes:

- (A) From Schedule 6P, Col H
(B) From Schedule 6P, Col I
(C) Column A x Total Energy \$ from Schedule 1P, line 5
(D) Column B x Total Demand \$ from Schedule 1P, line 5
(E) Column C + Column D
(F) Projected kWh sales for the period January 2020 - December 2020
(G) Column E x 100 / Column F

Schedule 8P

Page 1 of 1

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Projected Period Amount
January 2020 - December 2020

FPSC Capital Structure and Cost Rates

Line	Capital Component	(1) Jurisdictional Amount (\$000s)	(2) Ratio %	(3) Cost Rate %	(4) Weighted Cost Rate %	(5) Revenue Requirement Rate %	(6) Monthly Revenue Requirement Rate %
1	Bonds	894,848	34.5417	3.91	1.3519	1.3519	
2	Short-Term Debt	20,976	0.8097	2.96	0.0240	0.0240	
3	Preferred Stock	0	0.0000	0.00	0.0000	0.0000	
4	Common Stock	1,053,681	40.6728	10.25	4.1690	5.5844	
5	Customer Deposits	22,119	0.8538	2.08	0.0178	0.0178	
6	Deferred Taxes	598,399	23.0986				
7	Investment Tax Credit	<u>608</u>	<u>0.0235</u>	7.34	0.0017	<u>0.0021</u>	
8	Total	<u>2,590,631</u>	<u>100.0000</u>		<u>5.5644</u>	<u>6.9802</u>	<u>0.5817</u>
<u>ITC Component:</u>							
9	Debt	894,848	45.9243	3.91	1.7974	0.0004	
10	Equity-Preferred	0	0.0000	0.00	0.0000	0.0000	
11	-Common	<u>1,053,681</u>	<u>54.0757</u>	10.25	<u>5.5428</u>	<u>0.0017</u>	
12		<u>1,948,530</u>	<u>100.0000</u>		<u>7.3402</u>	<u>0.0021</u>	
<u>Breakdown of Revenue Requirement Rate of Return between Debt and Equity:</u>							
13	Total Debt Component (Lines 1, 2, 5, and 9)					1.3941	0.1162
14	Total Equity Component (Lines 3, 4, 10, and 11)					<u>5.5861</u>	0.4655
15	Total Revenue Requirement Rate of Return					<u>6.9802</u>	<u>0.5817</u>

Column:

- (1) Based on the Revised May 2019 Surveillance Report, Schedule 4
Adjusted to achieve the 53.5% equity ratio as prescribed in the 2018 Tax Reform Settlement Agreement in Docket No. 20180039-EI.
- (2) Column (1) / Total Column (1)
- (3) Based on the Revised May 2019 Surveillance Report, Schedule 4.
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-.25345); 25.345% = effective income tax rate
For debt components: Column (4)
- (6) Column (5) / 12

Schedule 1E
REVISED 8/30/19

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

<u>Line</u> <u>No.</u>		<u>Period</u> <u>Amount</u> <u>(\$)</u>
1	Over/(Under) Recovery for the Current Period (Schedule 2E, Line 5 + 9)	4,395,509
2	Interest Provision (Schedule 2E, Line 6)	<u>214,058</u>
3	Current Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2020 - December 2020 (Lines 1 + 2)	<u>4,609,567</u>

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)

January 2019 - December 2019
Calculation of the Current Period Estimated True-Up Amount
Current Period True-Up Amount
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period Amount
1 ECRC Revenues (Net of Revenue Taxes)	13,657,836	10,323,250	11,590,808	11,609,091	15,888,312	17,551,003	18,832,691	18,663,610	16,000,871	13,522,217	11,651,587	13,173,398	172,464,676
2 True-Up Provision (Order No. PSC-2018-0594-FOF-EI)	1,051,379	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	1,051,384	12,616,603
3 ECRC Revenues Applicable to Period (Lines 1 + 2)	14,709,215	11,374,634	12,642,192	12,660,475	16,939,696	18,602,387	19,884,075	19,714,994	17,052,255	14,573,601	12,702,971	14,224,782	185,081,279
4 Jurisdictional ECRC Costs													
a O & M Activities (Schedule 5E, Line 9)	3,049,120	1,766,665	2,466,911	1,741,240	2,502,734	2,154,447	2,648,882	2,670,548	2,890,913	2,729,407	2,483,090	2,741,300	29,845,258
b Capital Investment Programs (Schedule 7E, Line 9)	12,457,436	12,459,241	12,496,274	12,531,591	12,530,598	12,533,640	12,606,687	12,621,316	12,634,432	12,647,062	12,654,597	12,667,637	150,840,511
c Total Jurisdictional ECRC Costs	15,506,556	14,225,906	14,963,185	14,272,831	15,033,332	14,688,088	15,255,570	15,291,864	15,525,345	15,376,470	15,137,687	15,408,938	180,685,769
5 Over/(Under) Recovery (Line 3 - Line 4c)	(797,341)	(2,851,271)	(2,320,992)	(1,612,356)	1,906,364	3,914,299	4,628,506	4,423,130	1,526,910	(802,869)	(2,434,716)	(1,184,155)	4,395,509
6 Interest Provision (Schedule 3E, Line 10)	27,353	21,566	14,519	8,431	6,475	9,992	16,083	22,830	26,592	25,311	20,199	14,708	214,058
7 Beginning Balance True-Up & Interest Provision													
a Actual Total for True-Up Period 2018	11,333,073	9,511,706	5,630,617	2,272,760	(382,550)	478,905	3,351,812	6,945,017	10,339,593	10,841,711	9,012,770	5,546,869	11,333,073
b Final True-Up from January 2017 - December 2017 (Order No. PSC-2018-0594-FOF-EI)	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666	3,179,666
8 True-Up Collected/(Refunded) (see Line 2)	(1,051,379)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(1,051,384)	(12,616,603)
9 Adjustments													0.00
10 End of Period Total True-Up (Lines 5 + 6 + 7a + 7b + 8 + 9)	12,691,372	8,810,283	5,452,426	2,797,116	3,658,571	6,531,478	10,124,683	13,519,259	14,021,377	12,192,436	8,726,535	6,505,703	6,505,703

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Line	Interest Provision (in Dollars)												End of Period Amount
	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	
1 Beg. True-Up Amount (Schedule 2E, Lines 7a + 7b)	14,512,739	12,691,372	8,810,283	5,452,426	2,797,116	3,658,571	6,531,478	10,124,683	13,519,259	14,021,377	12,192,436	8,726,535	
2 Ending True-Up Amount Before Interest (Line 1 + Schedule 2E, Lines 5 + 8)	12,664,019	8,788,717	5,437,907	2,788,686	3,652,096	6,521,487	10,108,600	13,496,429	13,994,785	12,167,124	8,706,336	6,490,995	
3 Total of Beginning & Ending True-up (Lines 1 + 2)	27,176,758	21,480,090	14,248,190	8,241,112	6,449,213	10,180,058	16,640,078	23,621,111	27,514,043	26,188,501	20,898,771	15,217,530	
4 Average True-Up Amount (Line 3 x 1/2)	13,588,379	10,740,045	7,124,095	4,120,556	3,224,606	5,090,029	8,320,039	11,810,556	13,757,022	13,094,251	10,449,386	7,608,765	
5 Interest Rate (First Day of Reporting Business Month)	0.02420	0.02410	0.02410	0.02480	0.02430	0.02390	0.0232	0.0232	0.0232	0.0232	0.0232	0.0232	
6 Interest Rate (First Day of Subsequent Business Month)	0.02410	0.02410	0.02480	0.02430	0.02390	0.02320	0.0232	0.0232	0.0232	0.0232	0.0232	0.0232	
7 Total of Beginning and Ending Interest Rates (Line 5 + Line 6)	0.04830	0.04820	0.04890	0.04910	0.04820	0.04710	0.0464	0.0464	0.0464	0.0464	0.0464	0.0464	
8 Average Interest Rate (Line 7 x 1/2)	0.02415	0.02410	0.02445	0.02455	0.02410	0.02355	0.02320	0.02320	0.02320	0.02320	0.02320	0.02320	
9 Monthly Average Interest Rate (Line 8 x 1/12)	0.00201	0.00201	0.00204	0.00205	0.00201	0.00196	0.00193	0.00193	0.00193	0.00193	0.00193	0.00193	
10 Interest Provision for the Month (Line 4 x Line 9)	27,353	21,566	14,519	8,431	6,475	9,992	16,083	22,830	26,592	25,311	20,199	14,708	214,058

Schedule 6E
REVISED 8/30/19

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-Up Amount
January 2019 - December 2019

Variance Report of Capital Investment Programs - Recoverable Costs
(in Dollars)

<u>Line</u>		(1) <u>Estimated/ Actual</u>	(2) <u>Original Projection</u>	(3) <u>Variance Amount</u>	(4) <u>Percent</u>	
1	Description of Investment Programs					
.1	Air Quality Assurance Testing	8,580	7,934	647	8.1	%
.2	Crist 5, 6 & 7 Precipitator Projects	3,795,341	3,783,969	11,372	0.3	%
.3	Crist 7 Flue Gas Conditioning	104,173	103,687	486	0.5	%
.4	Low NOx Burners, Crist 6 & 7	1,775,432	1,769,988	5,444	0.3	%
.5	CEMS - Plants Crist, & Daniel	541,160	550,201	(9,040)	(1.6)	%
.6	Substation Contamination Remediation	404,563	455,346	(50,784)	(11.2)	%
.7	Raw Water Well Flowmeters - Plants Crist & Smith	13,029	12,997	33	0.3	%
.8	Crist Cooling Tower Cell	36,958	36,786	172	0.5	%
.9	Crist Dechlorination System	24,064	24,024	41	0.2	%
.10	Crist Diesel Fuel Oil Remediation	3,889	3,884	5	0.1	%
.11	Crist Bulk Tanker Unload Sec Contain Struc	5,087	5,083	5	0.1	%
.12	Crist IWW Sampling System	2,962	2,960	3	0.1	%
.13	Sodium Injection System	21,651	21,603	48	0.2	%
.14	Smith Stormwater Collection System	173,994	173,796	198	0.1	%
.15	Smith Waste Water Treatment Facility	61,937	69,434	(7,497)	(10.8)	%
.16	Daniel Ash Management Project	1,290,678	1,297,351	(6,673)	(0.5)	%
.17	Smith Water Conservation	2,336,383	2,552,502	(216,119)	(8.5)	%
.18	Underground Fuel Tank Replacement	0	0	0	0.0	%
.19	Crist FDEP Agreement for Ozone Attainment	10,740,522	10,747,440	(6,918)	(0.1)	%
.20	SPCC Compliance	76,309	76,138	171	0.2	%
.21	Crist Common FTIR Monitor	4,547	4,537	9	0.2	%
.22	Precipitator Upgrades for CAM Compliance	1,141,421	1,138,727	2,693	0.2	%
.23	Plant Groundwater Contamination	0	0	0	0.0	%
.24	Crist Water Conservation	1,781,076	1,792,231	(11,156)	(0.6)	%
.25	Plant NPDES Permit Compliance Projects	795,347	560,503	234,844	41.9	%
.26	Air Quality Compliance Program	126,248,473	126,094,451	154,023	0.1	%
.27	General Water Quality	102,109	109,051	(6,942)	(6.4)	%
.28	Coal Combustion Residual	3,946,021	4,652,479	(706,457)	(15.2)	%
.29	Steam Electric Effluent Limitations Guidelines	604,581	615,793	(11,212)	(1.8)	%
.30	316(b) Cooling Water Intake Structure Regulation	31,884	56,189	(24,305)	(43.3)	%
.31	Mercury Allowances	0	0	0	0.0	%
.32	Annual NOx Allowances	445	350	96	27.4	%
.33	Seasonal NOx Allowances	4,595	428	4,167	974.2	%
.34	SO2 Allowances	438,188	434,365	3,822	0.9	%
.35	Regulatory Asset Smith Units 1 & 2	2,757,534	2,751,425	6,109	0.2	%
.36	Scherer/Flint Credit - Energy	(314,942)	(311,360)	(3,582)	(1.2)	%
.37	Scherer/Flint Credit - Demand	(3,779,299)	(3,736,320)	(42,979)	(1.2)	%
2	Total Investment Programs - Recoverable Costs	<u>155,178,694</u>	<u>155,857,972</u>	<u>(679,278)</u>	(0.4)	%
3	Recoverable Costs Allocated to Energy	11,936,823	11,989,075	(52,252)	(0.4)	%
4	Recoverable Costs Allocated to Demand	143,241,872	143,868,898	(627,026)	(0.4)	%

Notes:

Column (1) is the End of Period Totals on Schedule 7E

Column (2) is the approved Projected amount in accordance with FPSC Order No. PSC-2018-0594-FOF-EI

Column (3) = Column (1) - Column (2)

Column (4) = Column (3) / Column (2)

Gulf Power Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Current Period Estimated True-up Amount
January 2019 - December 2019

Capital Investment Programs - Recoverable Costs
(in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Projected June	Projected July	Projected August	Projected September	Projected October	Projected November	Projected December	End of Period 12-Month	Method of Classification Demand	Energy
1 Description of Investment Programs (A)															
2 Air Quality Assurance Testing	0	0	0	0	242	484	488	1,485	1,479	1,473	1,467	1,462	8,580	7,920	660
3 Crist 5, 6 & 7 Precipitator Projects	318,853	318,213	317,572	316,932	316,291	315,651	316,921	316,274	315,628	314,981	314,335	313,688	3,793,341	3,503,392	291,949
4 Crist 7 Flue Gas Conditioning	8,641	8,641	8,641	8,641	8,641	8,641	8,722	8,722	8,722	8,722	8,722	8,722	104,173	96,160	8,013
5 Low NOx Burners, Crist 6 & 7	148,946	148,680	148,414	148,148	147,881	147,615	148,297	148,028	147,759	147,490	147,222	146,953	1,775,432	1,638,861	136,572
6 CEMS - Plants Crist & Daniel	45,430	45,343	45,257	45,170	45,084	45,004	45,197	45,110	45,023	44,935	44,848	44,760	541,160	499,533	41,628
7 Substation Contamination Remediation	28,145	29,427	30,483	31,080	31,310	31,540	32,011	35,196	38,413	38,634	38,826	39,499	404,563	373,442	31,120
8 Raw Water Wall Flowmeters - Plants Crist & Smith	1,099	1,096	1,093	1,090	1,087	1,084	1,087	1,084	1,081	1,078	1,076	1,073	13,029	12,027	1,002
9 Crist Cooling Tower Cell	3,065	3,065	3,065	3,065	3,065	3,065	3,094	3,094	3,094	3,094	3,094	3,094	36,958	34,115	2,843
10 Crist Dechlorination System	2,042	2,035	2,027	2,020	2,013	2,006	2,005	1,998	1,991	1,983	1,976	1,969	24,064	22,213	1,851
11 Crist Diesel Fuel Oil Remediation	331	330	328	327	326	324	324	323	321	320	319	317	3,889	3,590	299
12 Crist Bulk Tanker Unloading Secondary Containment	434	432	430	428	426	425	423	421	420	418	416	414	5,087	4,696	391
13 Crist IWW Sampling System	253	252	251	249	248	247	247	245	244	243	242	241	2,962	2,734	228
14 Sodium Injection System	1,830	1,825	1,819	1,814	1,808	1,803	1,806	1,800	1,795	1,789	1,784	1,778	21,651	19,985	1,665
15 Smith Stormwater Collection System	14,825	14,763	14,700	14,638	14,576	14,514	14,486	14,424	14,361	14,298	14,235	14,173	173,994	160,610	13,384
16 Smith Waste Water Treatment Facility	3,921	4,546	5,172	5,170	5,166	5,162	5,483	5,760	5,753	5,462	5,173	5,169	61,937	57,173	4,764
17 Daniel Ash Management Project	108,519	108,304	108,088	107,873	107,657	107,442	107,676	107,459	107,241	107,024	106,806	106,589	1,290,678	1,191,395	99,283
18 Smith Water Conservation	184,305	184,962	191,186	196,358	195,661	195,106	195,904	195,974	196,313	197,425	199,516	203,672	2,336,383	2,156,661	179,722
19 Underground Fuel Tank Replacement	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20 Crist FDEP Agreement for Ozone Attainment	902,730	900,983	899,728	897,600	894,979	893,554	896,693	894,338	891,982	890,564	889,585	887,786	10,740,522	9,914,328	826,194
21 SPCC Compliance	6,448	6,429	6,410	6,392	6,373	6,354	6,364	6,345	6,327	6,308	6,289	6,270	76,309	70,439	5,870
22 Crist Common FTIR Monitor	385	384	382	381	380	379	379	378	377	375	374	373	4,547	4,197	350
23 Precipitator Upgrades for CAM Compliance	96,358	96,092	95,826	95,559	95,293	95,027	95,216	94,947	94,679	94,410	94,141	93,872	1,141,421	1,053,619	87,802
24 Plant Groundwater Investigation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25 Crist Water Conservation	149,277	149,003	149,148	149,186	148,805	148,428	148,824	148,443	148,062	147,681	147,300	146,919	1,781,076	1,644,070	137,006
26 Plant NPDES Permit Compliance Projects	50,625	53,778	55,961	60,022	62,516	61,795	69,430	76,653	76,448	76,244	76,040	75,836	795,347	734,166	61,181
27 Air Quality Compliance Program	10,592,584	10,570,683	10,551,918	10,540,562	10,525,406	10,502,785	10,539,157	10,521,284	10,504,316	10,486,033	10,467,073	10,446,673	126,248,473	116,537,052	9,711,421
28 General Water Quality	7,471	7,455	7,439	7,423	7,407	7,391	8,047	8,395	8,416	8,399	8,382	8,365	102,109	94,254	7,855
29 Coal Combustion Residuals	150,755	171,986	222,750	265,919	288,445	321,175	347,328	372,738	404,414	437,926	465,834	496,749	3,946,021	3,642,481	303,540
30 Steam Electric Effluent Limitations Guidelines	50,153	50,045	49,938	49,830	49,723	49,615	49,796	50,017	50,458	51,118	51,669	52,219	604,581	558,074	46,506
31 316(B) Intake Structure Regulation	0	0	0	0	18	39	277	1,244	3,648	6,738	9,082	10,840	31,884	29,432	2,453
32 Mercury Allowances	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33 Annual NOx Allowances	40	40	39	38	38	38	38	37	36	35	33	31	445	411	34
34 Seasonal NOx Allowances	47	47	47	47	47	47	42	494	947	943	943	943	4,595	4,242	353
35 SO2 Allowances	36,389	36,389	36,383	36,376	36,376	36,376	36,704	36,678	36,654	36,634	36,620	36,606	438,188	404,481	33,707
36 Regulatory Asset Smith Units 1 & 2	233,044	232,361	231,677	230,994	230,311	229,627	229,978	229,288	228,598	227,909	227,219	226,529	2,757,534	2,545,416	212,118
37 Scherer/Flint Credit - Energy	(25,374)	(25,381)	(25,428)	(25,545)	(25,898)	(26,256)	(26,491)	(26,592)	(26,760)	(26,932)	(27,089)	(27,215)	(314,942)	0	(314,942)
38 Scherer/Flint Credit - Demand	(304,492)	(304,569)	(305,138)	(306,538)	(310,779)	(314,832)	(317,888)	(319,110)	(321,121)	(323,182)	(325,071)	(326,581)	(3,779,299)	(3,779,299)	0
2 Total Investment Programs - Recoverable Costs	<u>12,817,080</u>	<u>12,817,637</u>	<u>12,855,609</u>	<u>12,891,250</u>	<u>12,890,924</u>	<u>12,891,827</u>	<u>12,968,068</u>	<u>12,982,974</u>	<u>12,997,119</u>	<u>13,010,574</u>	<u>13,020,622</u>	<u>13,035,010</u>	<u>155,178,694</u>	<u>143,241,872</u>	<u>11,936,823</u>
3 Recoverable Costs Allocated to Energy	985,929	985,972	988,893	991,635	991,610	991,679	997,544	998,690	999,778	1,000,813	1,001,586	1,002,693	11,936,823		
4 Recoverable Costs Allocated to Demand	11,831,150	11,831,665	11,866,716	11,899,615	11,900,315	11,900,148	11,970,525	11,984,284	11,997,340	12,009,760	12,019,036	12,032,317	143,241,872		
5 Retail Energy Jurisdictional Factor	0.9721248	0.9734038	0.9735284	0.9742054	0.9735243	0.9757045	0.9746271	0.9747647	0.9741316	0.9736832	0.9714563	0.9705171			
6 Retail Demand Jurisdictional Factor	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277	0.9718277			
7 Jurisdictional Energy Recoverable Costs (B)	959,596	960,900.68	963,871	967,215	966,514	968,747	973,400	974,656	975,084	975,645	974,165	974,299	11,634,092		
8 Jurisdictional Demand Recoverable Costs (C)	11,497,840	11,498,340	11,532,403	11,564,376	11,564,084	11,564,894	11,633,287	11,646,659	11,659,348	11,671,418	11,680,432	11,693,339	139,206,419		
9 Total Jurisdictional Recoverable Costs for Investment Programs (Lines 7 + 8)	<u>12,457,436</u>	<u>12,459,241</u>	<u>12,496,274</u>	<u>12,531,591</u>	<u>12,530,598</u>	<u>12,533,640</u>	<u>12,606,687</u>	<u>12,621,316</u>	<u>12,634,432</u>	<u>12,647,062</u>	<u>12,654,597</u>	<u>12,667,637</u>	<u>150,840,511</u>		

Notes:
(A) Pages 1-30 of Schedule 4P, Line 9, Pages 31-34 of Schedule 4P, Line 6, Page 35, Line 7, Schedule 9P, Line 11 - Line 10 x 24%.
(B) Line 3 x Line 5 x Line loss multiplier
(C) Line 4 x Line 6