



Matthew R. Bernier  
ASSOCIATE GENERAL COUNSEL

July 30, 2021

**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. 20210007-EI

Dear Mr. Teitzman:

On behalf of Duke Energy Florida, LLC ("DEF"), please find enclosed for electronic filing in the above-referenced docket, DEF's 2021 Actual/Estimated True-Up Report. The filing includes the following:

- DEF's Petition for Approval of Environmental Cost Recovery Actual/Estimated True-Up for the period January 2021 to December 2021;
- Direct Testimony of Gary P. Dean, Exhibit No. \_\_\_(GPD-3) and Exhibit No. \_\_\_(GPD-4);
- Direct Testimony of Reginald Anderson;
- Direct Testimony of Timothy Hill; and
- Direct Testimony of Kim Spence McDaniel.

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/cmw  
Enclosure

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Environmental Cost Recovery Clause

Docket No. 20210007-EI

Filed: July 30, 2021

**DUKE ENERGY FLORIDA'S PETITION FOR APPROVAL OF 2021 ENVIRONMENTAL COST RECOVERY ACTUAL/ESTIMATED TRUE-UP**

Duke Energy Florida, LLC (“the Company”), hereby petitions for approval of its Environmental Cost Recovery Clause (“ECRC”) actual/estimated true-up for the period January 2021 to December 2021. In support of this Petition, the Company states:

1. As discussed in the testimony of Gary P. Dean, filed contemporaneously with this Petition, the Company’s total actual/estimated true-up for this period is an over-recovery, including interest, of \$1,596,750.

2. The amount will have added to it the final true-up over-recovery of \$231,488 for 2020 discussed in Mr. Dean’s April 1, 2021, Direct Testimony filed in this docket, resulting in a net over-recovery of \$1,828,238. Documentation supporting the actual/estimated and net true-up over-recovery is contained in Commission Schedules 42-1E through 42-9E, which are provided as Exhibit No. \_\_ (GPD-3) to Mr. Dean’s testimony of today’s date. Additional cost information for specific ECRC programs are presented in the testimonies of Reginald Anderson, Timothy Hill and Kim Spence McDaniel, which also are being filed contemporaneously with this Petition.

2. The ECRC actual/estimated true-up presented in Mr. Dean’s testimony and exhibits are consistent with the provisions of Section 366.8255, Florida Statute, and with prior rulings by the Florida Public Service Commission (“the Commission”).

WHEREFORE, the Company respectfully requests that the Commission approve the Company’s ECRC actual/estimated true-up over-recovery of \$1,828,238, for the period January

2021 through December 2021, as set forth herein and in the Direct Testimony and supporting Exhibits of Mr. Dean.

This 30<sup>th</sup> day of July, 2021.

Respectfully submitted,

/s/ Matthew Bernier

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**CERTIFICATE OF SERVICE**

*Docket No. 20210007-EI*

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 30<sup>th</sup> day of July, 2021.

/s/ Matthew R. Bernier

Attorney

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

GARY P. DEAN

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 20210007-EI

July 30, 2021

**Q. Please state your name and business address.**

A. My name is Gary P. Dean. My business address is 299 First Avenue North, St. Petersburg, FL 33701.

**Q. Have you previously filed testimony before this Commission in Docket No. 20210007-EI?**

A. Yes, I provided direct testimony on April 1, 2021.

**Q. Has your job description, education, background and professional experience changed since that time?**

A. No.

**Q. What is the purpose of your testimony?**

A. The purpose of my testimony is to present, for Commission review and approval, Duke Energy Florida, LLC’s (“DEF”) actual/estimated true-up costs associated

1 with environmental compliance activities for the period January 2021 through  
2 December 2021. I also explain the variance between 2021 actual/estimated cost  
3 projections versus original 2021 cost projections for SO<sub>2</sub>/NO<sub>x</sub> Emission  
4 Allowances (Project 5).

5  
6 **Q. Have you prepared or caused to be prepared under your direction,**  
7 **supervision or control any exhibits in this proceeding?**

8 A. Yes. I am sponsoring the following exhibits:

9 1. Exhibit No. \_\_ (GPD-3), which consists of PSC Forms 42-1E through 42-  
10 9E; and

11 2. Exhibit No. \_\_ (GPD-4), which provides details of capital projects by site.

12 These exhibits provide detail on DEF's actual/estimated true-up capital and O&M  
13 environmental costs and revenue requirements for the period January 2021  
14 through December 2021.

15  
16 **Q. What is the actual/estimated true-up amount for which DEF is requesting**  
17 **recovery for the period of January 2021 through December 2021?**

18 A. The 2021 actual/estimated true-up is an over-recovery, including interest, of  
19 \$1,596,750 as shown on Form 42-1E, line 4. The final 2020 true-up over-recovery  
20 of \$231,488 as shown on Form 42-2E, Line 7a, is added to this total, resulting in  
21 a net over-recovery of \$1,828,238 as shown on Form 42-2E, Line 11. The  
22 calculations supporting the 2021 actual/estimated true-up are on Forms 42-1E  
23 through 42-9E.

1 **Q. What capital structure, components and cost rates did DEF rely on to calculate**  
2 **the revenue requirement rate of return for the period January 2021 through**  
3 **December 2021?**

4 A. The capital structure, components and cost rates relied on to calculate the revenue  
5 requirement rate of return for the period January 2021 through December 2021  
6 are shown on Form 42-9E. This form includes the derivation of debt and equity  
7 components used in the Return on Average Net Investment, lines 7 (a) and (b), on  
8 Form 42-8E. Form 42-9E also cites the source and includes the rationale for using  
9 the particular capital structure and cost rates.

10

11 **Q. How do actual/estimated O&M expenditures for January 2021 through**  
12 **December 2021 compare with original projections?**

13 A. Form 42-4E shows that total O&M project costs are estimated to be \$21,217,707.  
14 This is \$1.3M, or 6% lower than originally projected. This form also lists  
15 individual O&M project variances. Explanations for these variances are included  
16 in the Direct Testimonies of Reginald Anderson, Timothy Hill, and Kim Spence  
17 McDaniel.

18

19 **Q. How do estimated/actual capital recoverable costs for January 2021 through**  
20 **December 2021 compare with DEF's original projections?**

21 A. Form 42-6E shows that total recoverable capital costs are estimated to be  
22 \$25,044,001. This is \$131k or 1% lower than originally projected. This form also  
23 lists individual project variances. The return on investment, depreciation expense

1 and property taxes for each project for the actual/estimated period are provided  
2 on Form 42-8E, pages 1 through 18. Explanations for these variances are included  
3 in the Direct Testimonies of Mr. Anderson, Mr. Hill and Ms. McDaniel.

4

5 **Q. Please explain the O&M variance between actual project expenditures and**  
6 **the Actual/Estimated projections for the SO<sub>2</sub>/NO<sub>x</sub> Emissions Allowance**  
7 **(Project 5).**

8 A. The O&M variance is \$2,332, or 24% higher than projected, due to a higher-than-  
9 projected SO<sub>2</sub> allowance expense.

10

11 **Q. Does this conclude your testimony?**

12 A. Yes.

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**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Commission Forms 42-1E Through 42-9E**

**January 2021 - December 2021**  
**Calculation for the Current Period Actual / Estimated Amount**  
**Actuals for the Period January 2021 - June 2021**  
**Estimates for the Period July 2021 - December 2021**

**Docket No. 20210007-EI**

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**  
**(in Dollars)**

Form 42-1E

Docket No. 20210007-EI

Duke Energy Florida

Witness: G. P. Dean

Exh. No. \_\_ (GPD-3)

Page 2 of 27

<u>Line</u>	<u>Period Amount</u>
1 Over/(Under) Recovery for the Period (Form 42-2E, Line 5)	\$ 1,593,352
2 Interest Provision (Form 42-2E, Line 6)	3,398
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 2022 to December 2022 (Lines 1 + 2 + 3)	<u>\$ 1,596,750</u>

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

Form 42-2E

Docket No. 20210007-EI  
Duke Energy Florida  
Witness: G. P. Dean  
Exh. No. \_\_\_ (GPD-3)  
Page 3 of 27

**End-of-Period True-Up Amount**  
**(in Dollars)**

Line	Description	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	ECRC Revenues (net of Revenue Taxes)	\$2,802,398	\$2,669,202	\$2,810,085	\$2,865,581	\$3,072,006	\$3,585,155	\$3,709,253	\$3,808,179	\$3,744,870	\$3,491,142	\$2,898,735	\$2,743,599	\$38,200,205
2	True-Up Provision (Order No. PSC-2020-0433-FOF-EI)	525,395	525,395	525,395	525,395	525,395	525,395	525,395	525,395	525,395	525,395	525,395	525,395	6,304,739
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	\$3,327,793	3,194,597	3,335,480	3,390,976	3,597,401	4,110,549	4,234,648	4,333,573	4,270,265	4,016,537	3,424,130	3,268,994	44,504,944
4	Jurisdictional ECRC Costs													
	a. O & M Activities (Form 42-5E, Line 9)	\$1,304,079	1,392,141	1,779,954	1,899,078	1,634,092	1,710,610	1,817,676	1,551,769	1,603,917	2,077,807	1,436,751	1,553,098	19,760,972
	b. Capital Investment Projects (Form 42-7E, Line 9)	1,917,534	1,959,855	1,959,429	1,945,298	1,906,387	1,893,763	1,895,312	1,898,460	1,917,502	1,949,880	1,945,168	1,962,032	23,150,620
	c. Other	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Total Jurisdictional ECRC Costs	\$3,221,613	\$3,351,996	\$3,739,383	\$3,844,376	\$3,540,479	\$3,604,373	\$3,712,988	\$3,450,229	\$3,521,419	\$4,027,687	\$3,381,919	\$3,515,130	\$42,911,592
5	Over/(Under) Recovery (Line 3 - Line 4d)	\$106,180	(157,399)	(403,903)	(453,401)	56,922	506,177	521,660	883,345	748,846	(11,150)	42,212	(246,137)	\$1,593,352
6	Interest Provision (Form 42-3E, Line 10)	569	520	398	321	165	153	213	225	245	235	199	155	3,398
7	Beginning Balance True-Up & Interest Provision	6,304,739	5,886,093	5,203,819	4,274,919	3,296,445	2,828,136	2,809,071	2,805,549	3,163,724	3,387,420	2,851,111	2,368,126	6,304,739
	a. Deferred True-Up - January 2020 to December 2020 (2020 TU filing dated April 1, 2021)	231,488	231,488	231,488	231,488	231,488	231,488	231,488	231,488	231,488	231,488	231,488	231,488	231,488
8	True-Up Collected/(Refunded) (Line 2)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(525,395)	(6,304,739)
9	End of Period Total True-Up (Lines 5+6+7+7a+8)	\$6,117,581	5,435,307	4,506,407	3,527,932	3,059,624	3,040,559	3,037,037	3,395,212	3,618,908	3,082,598	2,599,614	1,828,238	\$1,828,238
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)	\$6,117,581	\$5,435,307	\$4,506,407	\$3,527,932	\$3,059,624	\$3,040,559	3,037,037	\$3,395,212	\$3,618,908	\$3,082,598	\$2,599,614	\$1,828,238	\$1,828,238

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

Form 42-3E

Docket No. 20210007-EI  
Duke Energy Florida  
Witness: G. P. Dean  
Exh. No. \_\_ (GPD-3)  
Page 4 of 27

**Interest Provision**  
**(in Dollars)**

Line	Description	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	Beginning True-Up Amount (Form 42-2E, Lines 7 + 7a + 10)	\$6,536,227	\$6,117,581	\$5,435,307	\$4,506,407	\$3,527,932	\$3,059,624	\$3,040,559	\$3,037,037	\$3,395,212	\$3,618,908	\$3,082,598	\$2,599,614	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2E, Lines 5 + 8)	6,117,012	5,434,787	4,506,009	3,527,611	3,059,459	3,040,406	3,036,824	3,394,987	3,618,663	3,082,363	2,599,415	1,828,083	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	12,653,239	11,552,368	9,941,316	8,034,018	6,587,392	6,100,030	6,077,383	6,432,024	7,013,875	6,701,271	5,682,013	4,427,697	
4	Average True-Up Amount (Line 3 x 1/2)	6,326,620	5,776,184	4,970,658	4,017,009	3,293,696	3,050,015	3,038,692	3,216,012	3,506,938	3,350,636	2,841,007	2,213,849	
5	Interest Rate (Last Business Day of Prior Month)	0.10%	0.12%	0.09%	0.11%	0.07%	0.04%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	
6	Interest Rate (Last Business Day of Current Month)	0.12%	0.09%	0.11%	0.07%	0.04%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.22%	0.21%	0.20%	0.18%	0.11%	0.12%	0.16%	0.16%	0.16%	0.16%	0.16%	0.16%	
8	Average Interest Rate (Line 7 x 1/2)	0.110%	0.105%	0.100%	0.090%	0.055%	0.060%	0.080%	0.080%	0.080%	0.080%	0.080%	0.080%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.009%	0.009%	0.008%	0.008%	0.005%	0.005%	0.007%	0.007%	0.007%	0.007%	0.007%	0.007%	
10	Interest Provision for the Month (Line 4 x Line 9)	\$569	\$520	\$398	\$321	\$165	\$153	\$213	\$225	\$245	\$235	\$199	\$155	3,398

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

Form 42-4E

Docket No. 20210007-EI  
Duke Energy Florida  
Witness: G. P. Dean  
Exh. No. \_\_\_ (GPD-3)  
Page 5 of 27

**Variance Report of O&M Activities**  
**(In Dollars)**

Line	Description	(1) Actual / Estimated	(2) Projection Filing	(3) Variance Amount	(4) Percent
1	O&M Activities - System				
1	Transmission Substation Environmental Investigation, Remediation and Pollution Prevention	\$263	\$3,000	(\$2,738)	-91%
1a	Distribution Substation Environmental Investigation, Remediation and Pollution Prevention	0	0	0	0%
2	Distribution System Environmental Investigation, Remediation and Pollution Prevention	0	0	0	0%
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	12,245	9,913	2,332	24%
6	Phase II Cooling Water Intake 316(b) - Base	1,003	5,000	(3,997)	-80%
6.a	Phase II Cooling Water Intake 316(b) - Intm	28,997	30,000	(1,003)	-3%
7.2	CAIR/CAMR - Peaking	0	0	0	0%
7.4	CAIR/CAMR Crystal River - Base	13,600,940	13,395,613	205,327	2%
7.4	CAIR/CAMR Crystal River - Energy	4,966,961	6,295,908	(1,328,948)	-21%
7.4	CAIR/CAMR Crystal River - A&G	79,837	79,837	(0)	0%
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	1,209,418	1,800,000	(590,582)	-33%
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0%
8	Arsenic Groundwater Standard - Base	268,931	275,000	(6,069)	-2%
9	Sea Turtle - Coastal Street Lighting - Distrib	0	600	(600)	-100%
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	51,635	31,500	20,135	64%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	245,000	360,000	(115,000)	-32%
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	0	0	0	0%
18	Coal Combustion Residual (CCR) Rule - Energy	752,478	278,000	474,478	171%
2	Total O&M Activities - Recoverable Costs	\$21,217,707	\$22,564,371	(\$1,346,664)	-6%
3	Recoverable Costs Allocated to Energy	7,237,736	8,775,321	(1,537,585)	-18%
4	Recoverable Costs Allocated to Demand	\$13,979,970	\$13,789,050	\$190,920	1%

Notes:

Column (1) End of Period Totals on Form 42-5E  
Column (2) 2021 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 2021 - December 2021**

Form 42-5E

Docket No. 20210007-EI  
 Duke Energy Florida  
 Witness: G. P. Dean  
 Exh. No. \_\_\_ (GPD-3)  
 Page 6 of 27

**O&M Activities**  
**(in Dollars)**

Line	Description	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	O&M Activities - System													
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$263	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$263
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	276	448	824	681	1,031	(40)	1,735	1,680	1,680	1,649	988	1,292	12,245
6	Phase II Cooling Water Intake 316(b) - Base	1,003	0	0	0	0	0	0	0	0	0	0	0	1,003
6a	Phase II Cooling Water Intake 316(b) - Intm	(1,003)	0	0	0	0	0	0	0	0	0	0	30,000	28,997
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	971,185	825,216	954,368	1,112,034	921,686	982,124	1,380,202	1,063,061	1,153,252	1,637,992	1,272,036	1,327,784	13,600,940
7.4	CAIR/CAMR Crystal River - Energy	295,089	499,910	265,281	748,567	726,207	629,684	444,653	479,415	381,929	352,939	70,680	72,606	4,966,961
7.4	CAIR/CAMR Crystal River - A&G	7,638	4,050	6,765	6,716	5,946	9,760	6,703	6,904	7,111	7,325	7,544	3,375	79,837
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	41,416	75,198	146,472	74,334	63,763	208,235	100,000	100,000	100,000	100,000	100,000	100,000	1,209,418
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	(4,753)	32,371	114,849	43,917	17,362	33,185	8,750	4,000	2,250	6,750	4,000	6,250	268,931
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	0	0	0	0	0	0	0	0
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	25,123	0	0	4,453	312	0	1,347	0	9,800	10,600	0	0	51,635
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	0	0	0	0	0	0	0	0	50,000	65,000	65,000	65,000	245,000
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	65,918	33,350	391,238	28,508	31,931	(562)	25,930	29,429	22,059	45,559	20,059	59,059	752,478
2	Total O&M Activities - Recoverable Costs	\$1,402,155	\$1,470,544	\$1,879,798	\$2,019,211	\$1,768,237	\$1,862,386	\$1,969,320	\$1,684,489	\$1,728,082	\$2,227,814	\$1,540,307	\$1,665,366	\$21,217,707
3	Recoverable Costs Allocated to Energy	427,822	608,906	803,816	856,543	823,243	837,317	573,665	610,524	565,469	575,747	256,727	297,957	7,237,736
4	Recoverable Costs Allocated to Demand - Transm	263	0	0	0	0	0	0	0	0	0	0	0	263
	Recoverable Costs Allocated to Demand - Distrib	0	0	0	0	0	0	0	0	0	0	0	0	0
	Recoverable Costs Allocated to Demand - Prod-Base	967,435	857,587	1,069,217	1,155,951	939,048	1,015,309	1,388,952	1,067,061	1,155,502	1,644,742	1,276,036	1,334,034	13,870,873
	Recoverable Costs Allocated to Demand - Prod-Intm	(1,003)	0	0	0	0	0	0	0	0	0	0	30,000	28,997
	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	7,638	4,050	6,765	6,716	5,946	9,760	6,703	6,904	7,111	7,325	7,544	3,375	79,837
5	Retail Energy Jurisdictional Factor	0.93240	0.97190	0.97100	0.95630	0.91870	0.90580	0.90872	0.90773	0.92667	0.94357	0.95226	0.97002	
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)	398,902	591,796	780,505	819,112	756,314	758,442	521,299	554,193	524,000	543,260	244,472	289,024	6,781,319
8	Jurisdictional Demand Recoverable Costs - Transm (B)	184	0	0	0	0	0	0	0	0	0	0	0	184
	Jurisdictional Demand Recoverable Costs - Distrib (B)	0	0	0	0	0	0	0	0	0	0	0	0	0
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	898,602	796,569	993,142	1,073,705	872,235	943,070	1,290,128	991,140	1,073,288	1,527,719	1,185,246	1,239,117	12,883,961
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	(729)	0	0	0	0	0	0	0	0	0	0	21,811	21,082
	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)	7,120	3,776	6,307	6,261	5,543	9,098	6,249	6,436	6,629	6,828	7,033	3,146	74,426
9	Total Jurisdictional Recoverable Costs - O&M Activities (Lines 7 + 8)	\$1,304,079	\$1,392,141	\$1,779,954	\$1,899,078	\$1,634,092	\$1,710,610	\$1,817,676	\$1,551,769	\$1,603,917	\$2,077,807	\$1,436,751	\$1,553,098	\$19,760,972

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 2021 - December 2021**

Form 42-6E

Docket No. 20210007-EI  
Duke Energy Florida  
Witness: G. P. Dean  
Exh. No. \_\_\_ (GPD-3)  
Page 7 of 27

**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	\$0	\$0	\$0	0%
4.x	Above Ground Tank Secondary Containment	1,042,391	1,052,497	(10,106)	-1%
5	SO2/NOx Emissions Allowances	250,823	255,020	(4,197)	-2%
6.x	Phase II Cooling Water Intake 316(b) - Base	931,306	1,076,924	(145,618)	-14%
7.x	CAIR/CAMR	8,284,254	8,186,248	98,006	1%
9	Sea Turtle - Coastal Street Lighting	962	1,007	(45)	-4%
10.x	Underground Storage Tanks	18,184	20,470	(2,286)	-11%
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)	264,147	271,577	(7,430)	-3%
16	National Pollutant Discharge Elimination System (NPDES)	1,316,425	1,329,392	(12,967)	-1%
17x	Mercury & Air Toxics Standards (MATS)	12,595,885	12,797,863	(201,978)	-2%
18	Coal Combustion Residual (CCR) Rule	339,625	183,829	155,796	85%
2	Total Capital Investment Activities - Recoverable Costs	\$25,044,001	\$25,174,826	(\$130,825)	-1%
3	Recoverable Costs Allocated to Energy	\$13,083,672	\$13,093,989	(\$10,317)	0%
4	Recoverable Costs Allocated to Demand	\$11,960,329	\$12,080,838	(\$120,508)	-1%

Notes:

Column (1) End of Period Totals on Form 42-7E  
Column (2) 2021 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 2021 - December 2021**

Form 42-7E

Docket No. 20210007-EI  
 Duke Energy Florida  
 Witness: G. P. Dean  
 Exh. No. \_\_\_ (GPD-3)  
 Page 8 of 27

**Capital Investment Projects-Recoverable Costs**  
**(in Dollars)**

Line	Description	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	Investment Projects - System (A)													
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intermediate	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
4.1	Above Ground Tank Secondary Containment - Peaking	69,024	68,825	68,623	68,420	68,220	68,019	67,820	67,615	67,416	67,215	61,639	61,474	804,314
4.2	Above Ground Tank Secondary Containment - Base	18,006	17,986	17,967	17,948	17,929	17,911	17,891	17,872	17,853	17,834	17,815	17,796	214,808
4.3	Above Ground Tank Secondary Containment - Intermediate	1,958	1,954	1,951	1,948	1,944	1,941	1,937	1,934	1,931	1,927	1,923	1,921	23,269
5	SO2/NOX Emissions Allowances - Energy	20,932	20,931	20,926	20,922	20,915	20,913	20,906	20,896	20,885	20,874	20,865	20,858	250,823
6	Phase II Cooling Water Intake 316(b) - Base	67,446	68,221	68,962	69,713	71,044	72,520	73,856	75,261	76,333	94,359	96,623	96,968	931,306
6.1	Phase II Cooling Water Intake 316(b) - Base - Bartow	0	0	0	0	0	0	0	0	0	0	0	0	0
6.2	Phase II Cooling Water Intake 316(b) - Intermediate - Anclote	0	0	0	0	0	0	0	0	0	0	0	0	0
7.1	CAIR/CAMR Anclote- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	18,409	18,337	18,266	18,195	18,126	18,054	17,984	17,912	17,842	17,773	9,006	8,992	198,900
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	657,966	657,252	656,536	655,821	655,106	654,388	653,675	652,959	652,244	651,529	650,815	650,098	7,848,389
7.4	CAIR/CAMR Crystal River AFUDC - Energy	17,459	17,795	18,419	19,511	20,849	22,264	21,384	19,857	19,857	19,857	19,857	19,857	236,965
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	81	81	81	81	80	80	80	80	80	80	80	78	962
10.1	Underground Storage Tanks - Base	1,055	1,053	1,051	1,049	1,047	1,045	1,044	1,041	1,040	1,037	1,036	1,033	12,531
10.2	Underground Storage Tanks - Intermediate	478	477	476	474	473	472	470	469	468	467	465	464	5,653
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	22,204	22,170	22,135	22,099	22,064	22,030	21,995	21,960	21,925	21,890	21,855	21,820	264,147
16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	110,977	110,745	110,514	110,281	110,050	109,818	109,586	109,354	109,122	108,891	108,659	108,428	1,316,425
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	27,337	27,295	27,252	27,209	27,167	27,123	27,081	27,038	26,996	26,952	26,910	26,868	325,232
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	1,031,219	1,029,644	1,028,068	1,026,493	1,024,917	1,023,342	1,021,767	1,020,192	1,018,617	1,017,042	1,015,466	1,013,891	12,270,652
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 - Base	17,449	18,165	20,310	23,458	26,044	27,607	28,187	35,653	35,764	35,713	35,663	35,612	339,625
2	Total Investment Projects - Recoverable Costs	\$2,082,001	\$2,080,932	\$2,081,538	\$2,083,622	\$2,085,976	\$2,087,528	\$2,085,664	\$2,090,093	\$2,088,373	\$2,103,440	\$2,088,677	\$2,086,158	\$25,044,001
3	Recoverable Costs Allocated to Energy	1,096,947	1,095,665	1,094,665	1,094,134	1,093,848	1,093,642	1,091,138	1,087,983	1,086,355	1,084,725	1,083,098	1,081,474	13,083,672
	Recoverable Costs Allocated to Distribution Demand	81	81	81	81	80	80	80	80	80	80	80	78	962
4	Recoverable Costs Allocated to Demand - Production - Base	784,126	784,847	786,961	790,088	793,234	795,501	796,648	804,746	805,159	822,362	823,807	823,327	9,610,806
	Recoverable Costs Allocated to Demand - Production - Intermediate	113,413	113,176	112,941	112,703	112,467	112,231	111,993	111,757	111,521	111,285	111,047	110,813	1,345,347
	Recoverable Costs Allocated to Demand - Production - Peaking	87,434	87,163	86,890	86,616	86,347	86,074	85,805	85,528	85,259	84,989	70,645	70,466	1,003,214
5	Retail Energy Jurisdictional Factor	0.93240	0.97190	0.97100	0.95630	0.91870	0.90580	0.90872	0.90773	0.92667	0.94357	0.95226	0.97002	
	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)	1,022,793	1,064,877	1,062,920	1,046,321	1,004,918	990,621	991,536	987,599	1,006,688	1,023,517	1,031,395	1,049,049	12,282,234
	Jurisdictional Demand Recoverable Costs - Distribution (B)	81	81	81	81	80	80	80	80	80	80	80	78	958
8	Jurisdictional Demand Recoverable Costs - Production - Base (C)	728,335	729,005	730,969	733,873	736,795	738,901	739,966	747,488	747,872	763,851	765,193	764,747	8,926,997
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	82,455	82,282	82,111	81,938	81,767	81,595	81,422	81,251	81,079	80,908	80,735	80,564	978,108
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	83,870	83,610	83,348	83,085	82,827	82,565	82,307	82,042	81,784	81,525	67,766	67,594	962,323
9	Total Jurisdictional Recoverable Costs - Investment Projects (Lines 7 + 8)	\$1,917,534	\$1,959,855	\$1,959,429	\$1,945,298	\$1,906,387	\$1,893,763	\$1,895,312	\$1,898,460	\$1,917,502	\$1,949,880	\$1,945,168	\$1,962,032	\$23,150,620

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

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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)	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$8,661,298	\$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	(3,722,253)	(3,747,829)	(3,773,405)	(3,798,981)	(3,824,557)	(3,850,133)	(3,875,709)	(3,901,285)	(3,926,861)	(3,952,436)	(3,978,013)	(4,003,589)	(4,029,165)	
3a	Regulatory Asset Balance (G)	53,914	48,523	43,131	37,740	32,349	26,957	21,566	16,174	10,783	5,391	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)	\$4,992,960	\$4,961,993	\$4,931,025	\$4,900,058	\$4,869,090	\$4,838,123	\$4,807,155	\$4,776,188	\$4,745,221	\$4,714,253	\$4,683,286	\$4,657,710	\$4,632,134	
6	Average Net Investment		\$4,977,476	\$4,946,509	\$4,915,541	\$4,884,574	\$4,853,607	\$4,822,639	\$4,791,672	\$4,760,704	\$4,729,737	\$4,698,769	\$4,670,498	\$4,644,922	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	7,148	7,104	7,058	7,014	6,970	6,926	6,882	6,836	6,793	6,749	6,706	6,671	82,857
	b. Equity Component Grossed Up For Taxes	6.07%	25,195	25,040	24,884	24,725	24,569	24,412	24,257	24,098	23,942	23,785	23,643	23,513	292,063
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		25,576	25,576	25,576	25,576	25,576	25,576	25,576	25,576	25,576	25,576	25,576	25,576	306,912
	b. Amortization (G)		5,391	5,391	5,391	5,391	5,391	5,391	5,391	5,391	5,391	5,391	0	0	53,914
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes		5,714	5,714	5,714	5,714	5,714	5,714	5,714	5,714	5,714	5,714	5,714	5,714	68,568
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$69,024	\$68,825	\$68,623	\$68,420	\$68,220	\$68,019	\$67,820	\$67,615	\$67,416	\$67,215	\$61,639	\$61,474	804,314
	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		69,024	68,825	68,623	68,420	68,220	68,019	67,820	67,615	67,416	67,215	61,639	61,474	804,314
10	Energy Jurisdictional Factor		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)		66,211	66,020	65,826	65,632	65,440	65,247	65,056	64,859	64,669	64,476	59,127	58,968	771,530
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$66,211	\$66,020	\$65,826	\$65,632	\$65,440	\$65,247	\$65,056	\$64,859	\$64,669	\$64,476	\$59,127	\$58,968	\$771,530

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Project 4.1d (Avon Park) amortized over one year as approved in Order No. PSC-2019-0500-FOF-EI.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

Form 42-8E  
Page 2 of 18

Docket No. 20210007-EI  
Duke Energy Florida  
Witness: G. P. Dean  
Exh. No. \_\_ (GPD-3)  
Page 10 of 27

**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	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	\$2,365,947	\$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	\$2,365,947
3	Less: Accumulated Depreciation	(\$59,908)	(\$62,838)	(\$65,768)	(\$68,698)	(\$71,628)	(\$74,558)	(\$77,488)	(\$80,418)	(\$83,348)	(\$86,278)	(\$89,208)	(\$92,138)	(\$95,068)	(\$95,068)
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)	\$2,306,039	\$2,303,109	\$2,300,179	\$2,297,249	\$2,294,319	\$2,291,389	\$2,288,459	\$2,285,529	\$2,282,599	\$2,279,669	\$2,276,739	\$2,273,809	\$2,270,879	\$2,270,879
6	Average Net Investment		\$2,304,574	\$2,301,644	\$2,298,714	\$2,295,784	\$2,292,854	\$2,289,924	\$2,286,994	\$2,284,064	\$2,281,134	\$2,278,204	\$2,275,274	\$2,272,344	\$2,272,344
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	3,310	3,305	3,301	3,297	3,293	3,289	3,284	3,280	3,276	3,272	3,268	3,263	39,438
	b. Equity Component Grossed Up For Taxes	6.07%	11,666	11,651	11,636	11,621	11,606	11,592	11,577	11,562	11,547	11,532	11,517	11,503	139,010
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		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						
	d. Property Taxes		100	100	100	100	100	100	100	100	100	100	100	100	1,200
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,006	\$17,986	\$17,967	\$17,948	\$17,929	\$17,911	\$17,891	\$17,872	\$17,853	\$17,834	\$17,815	\$17,796	214,808
	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		18,006	17,986	17,967	17,948	17,929	17,911	17,891	17,872	17,853	17,834	17,815	17,796	214,808
10	Energy Jurisdictional Factor		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)		16,725	16,706	16,689	16,671	16,653	16,637	16,618	16,600	16,583	16,565	16,547	16,530	199,524
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$16,725	\$16,706	\$16,689	\$16,671	\$16,653	\$16,637	\$16,618	\$16,600	\$16,583	\$16,565	\$16,547	\$16,530	\$199,524

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894).  
See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(91,686)	(92,211)	(92,736)	(93,261)	(93,786)	(94,311)	(94,836)	(95,361)	(95,886)	(96,411)	(96,936)	(97,461)	(97,986)	
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)	\$198,611	\$198,086	\$197,561	\$197,036	\$196,511	\$195,986	\$195,461	\$194,936	\$194,411	\$193,886	\$193,361	\$192,836	\$192,311	
6	Average Net Investment		\$198,349	\$197,824	\$197,299	\$196,774	\$196,249	\$195,724	\$195,199	\$194,674	\$194,149	\$193,624	\$193,099	\$192,574	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	285	284	283	283	282	281	280	280	279	278	277	277	3,369
	b. Equity Component Grossed Up For Taxes	6.07%	1,004	1,001	999	996	993	991	988	985	983	980	977	975	11,872
	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						
	d. Property Taxes		144	144	144	144	144	144	144	144	144	144	144	144	1,728
	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	\$1,954	\$1,951	\$1,948	\$1,944	\$1,941	\$1,937	\$1,934	\$1,931	\$1,927	\$1,923	\$1,921	23,269
	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	1,954	1,951	1,948	1,944	1,941	1,937	1,934	1,931	1,927	1,923	1,921	23,269
10	Energy Jurisdictional Factor		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)		1,424	1,421	1,418	1,416	1,413	1,411	1,408	1,406	1,404	1,401	1,398	1,397	16,917
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,424	\$1,421	\$1,418	\$1,416	\$1,413	\$1,411	\$1,408	\$1,406	\$1,404	\$1,401	\$1,398	\$1,397	\$16,917

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**SO2 and NOx EMISSIONS ALLOWANCES - Energy (Project 5)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0158150 SO <sub>2</sub> Emission Allowance Inventory	\$3,221,472	\$3,221,195	\$3,220,747	\$3,219,923	\$3,219,242	\$3,218,211	\$3,218,251	\$3,216,516	\$3,214,837	\$3,213,156	\$3,211,507	\$3,210,519	\$3,209,227	\$3,209,227
	b. 0254020 Auctioned SO <sub>2</sub> 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	\$3,221,472	\$3,221,195	\$3,220,747	\$3,219,923	\$3,219,242	\$3,218,211	\$3,218,251	\$3,216,516	\$3,214,837	\$3,213,156	\$3,211,507	\$3,210,519	\$3,209,227	\$3,209,227
3	Average Net Investment		\$3,221,333	\$3,220,971	\$3,220,335	\$3,219,583	\$3,218,727	\$3,218,231	\$3,217,384	\$3,215,676	\$3,213,996	\$3,212,331	\$3,211,013	\$3,209,873	
4	Return on Average Net Working Capital Balance (B)														
	a. Debt Component		1.72%												
	b. Equity Component Grossed Up For Taxes		6.07%												
5	Total Return Component (C)		\$20,932	\$20,931	\$20,926	\$20,922	\$20,915	\$20,913	\$20,906	\$20,896	\$20,885	\$20,874	\$20,865	\$20,858	250,823
6	Expense Dr (Cr)														
	a. 0509030 SO <sub>2</sub> Allowance Expense		\$276	\$448	\$824	\$681	\$1,031	(\$40)	\$1,735	\$1,680	\$1,680	\$1,649	\$988	\$1,292	12,245
	b. 0407426 Amortization Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. 0509212 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)		276	448	824	681	1,031	(40)	1,735	1,680	1,680	1,649	988	1,292	12,245
8	Total System Recoverable Expenses (Lines 5 + 7)		\$21,208	\$21,379	\$21,750	\$21,603	\$21,946	\$20,873	\$22,641	\$22,576	\$22,565	\$22,523	\$21,853	\$22,150	263,068
	a. Recoverable Costs Allocated to Energy		21,208	21,379	21,750	21,603	21,946	20,873	22,641	22,576	22,565	22,523	21,853	22,150	263,068
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Energy Jurisdictional Factor		0.93240	0.97190	0.97100	0.95630	0.91870	0.90580	0.90872	0.90773	0.92667	0.94357	0.95226	0.97002	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Retail Energy-Related Recoverable Costs (E)		\$19,775	\$20,778	\$21,119	\$20,659	\$20,162	\$18,907	\$20,574	\$20,493	\$20,911	\$21,253	\$20,810	\$21,486	246,925
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)		\$19,775	\$20,778	\$21,119	\$20,659	\$20,162	\$18,907	\$20,574	\$20,493	\$20,911	\$21,253	\$20,810	\$21,486	246,925

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894).  
See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$95,730	\$142,783	\$85,221	\$145,772	\$264,254	\$189,996	\$221,208	\$210,935	\$119,102	\$567,612	\$114,612	\$16,382	\$2,173,607
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	12,374,053	114,612	16,382	
	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	12,374,053	12,488,665	12,505,047	
3	Less: Accumulated Depreciation	\$0	0	0	0	0	0	0	0	0	0	(15,323)	(30,788)	(46,273)	
4	CWIP - Non-Interest Bearing	\$10,331,440	10,427,170	10,569,953	10,655,174	10,800,946	11,065,200	11,255,195	11,476,404	11,687,339	11,806,441	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$10,331,440	\$10,427,170	\$10,569,953	\$10,655,174	\$10,800,946	\$11,065,200	\$11,255,195	\$11,476,404	\$11,687,339	\$11,806,441	\$12,358,730	\$12,457,877	\$12,458,774	
6	Average Net Investment		\$10,379,305	\$10,498,561	\$10,612,563	\$10,728,060	\$10,933,073	\$11,160,197	\$11,365,799	\$11,581,871	\$11,746,890	\$12,082,585	\$12,408,303	\$12,458,325	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	14,906	15,077	15,241	15,407	15,701	16,027	16,322	16,633	16,870	17,352	17,820	17,891	195,247
	b. Equity Component Grossed Up For Taxes	6.07%	52,540	53,144	53,721	54,306	55,343	56,493	57,534	58,628	59,463	61,162	62,811	63,064	688,209
	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	15,323	15,465	15,485	46,273
	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						
	d. Property Taxes	0.000507	0	0	0	0	0	0	0	0	0	522	527	528	1,577
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$67,446	\$68,221	\$68,962	\$69,713	\$71,044	\$72,520	\$73,856	\$75,261	\$76,333	\$94,359	\$96,623	\$96,968	931,306
	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		\$67,446	\$68,221	\$68,962	\$69,713	\$71,044	\$72,520	\$73,856	\$75,261	\$76,333	\$94,359	\$96,623	\$96,968	931,306
10	Energy Jurisdictional Factor		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)		62,647	63,367	64,055	64,753	65,989	67,360	68,601	69,906	70,902	87,645	89,748	90,069	865,044
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$62,647	\$63,367	\$64,055	\$64,753	\$65,989	\$67,360	\$68,601	\$69,906	\$70,902	\$87,645	\$89,748	\$90,069	\$865,044

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894).  
See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: Phase II Cooling Water Intake 316(b) - Base - Bartow (Project 6.1)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	0
3	Less: Accumulated Depreciation	\$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)	\$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 (B)														
	a. Debt Component		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Equity Component Grossed Up For Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	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
	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						
	d. Property Taxes	0.000507	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		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)		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) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894).  
See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: Phase II Cooling Water Intake 316(b) - Intermediate - Anclote (Project 6.2)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	0
3	Less: Accumulated Depreciation	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)	\$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 (B)														
	a. Debt Component		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Equity Component Grossed Up For Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	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		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						
	d. Property Taxes 0.005960		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		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
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) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

Form 42-8E  
Page 8 of 18

Docket No. 20210007-EI

Duke Energy Florida

Witness: G. P. Dean

Exh. No. \_\_\_ (GPD-3)

Page 16 of 27

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144	\$1,293,144	\$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	(358,483)	(360,654)	(362,825)	(364,996)	(367,167)	(369,338)	(371,509)	(373,680)	(375,851)	(378,022)	(380,193)	(382,364)	(384,535)	
3a	Regulatory Asset Balance (G)	87,234	78,511	69,787	61,064	52,341	43,617	34,894	26,170	17,447	8,723	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)	\$1,021,895	\$1,011,001	\$1,000,106	\$989,212	\$978,318	\$967,423	\$956,529	\$945,634	\$934,740	\$923,845	\$912,951	\$910,780	\$908,609	
6	Average Net Investment		\$1,016,448	\$1,005,554	\$994,659	\$983,765	\$972,870	\$961,976	\$951,082	\$940,187	\$929,293	\$918,398	\$911,866	\$909,695	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	1,459	1,443	1,428	1,412	1,398	1,381	1,366	1,350	1,334	1,319	1,309	1,307	16,506
	b. Equity Component Grossed Up For Taxes	6.07%	5,146	5,090	5,034	4,979	4,924	4,869	4,814	4,758	4,704	4,650	4,616	4,604	58,188
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		2,171	2,171	2,171	2,171	2,171	2,171	2,171	2,171	2,171	2,171	2,171	2,171	26,052
	b. Amortization (G)		8,723	8,723	8,723	8,723	8,723	8,723	8,723	8,723	8,723	8,723	0	0	87,234
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes		910	910	910	910	910	910	910	910	910	910	910	910	10,920
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,409	\$18,337	\$18,266	\$18,195	\$18,126	\$18,054	\$17,984	\$17,912	\$17,842	\$17,773	\$9,006	\$8,992	198,900
	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		18,409	18,337	18,266	18,195	18,126	18,054	17,984	17,912	17,842	17,773	9,006	8,992	198,900
10	Energy Jurisdictional Factor		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)		17,659	17,590	17,522	17,454	17,388	17,319	17,251	17,182	17,115	17,049	8,639	8,625	190,793
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,659	\$17,590	\$17,522	\$17,454	\$17,388	\$17,319	\$17,251	\$17,182	\$17,115	\$17,049	\$8,639	\$8,625	\$190,793

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Investment amortized over one year as approved in Order No. PSC-2019-0500-FOF-EI.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	\$86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701	86,699,701
3	Less: Accumulated Depreciation	(\$2,893,910)	(3,003,993)	(3,114,076)	(3,224,159)	(3,334,242)	(3,444,325)	(3,554,408)	(3,664,491)	(3,774,574)	(3,884,657)	(3,994,740)	(4,104,823)	(4,214,906)	
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)	\$83,805,791	\$83,695,708	\$83,585,625	\$83,475,542	\$83,365,459	\$83,255,376	\$83,145,293	\$83,035,210	\$82,925,127	\$82,815,044	\$82,704,961	\$82,594,878	\$82,484,795	
6	Average Net Investment		\$83,750,750	\$83,640,667	\$83,530,584	\$83,420,501	\$83,310,418	\$83,200,335	\$83,090,252	\$82,980,169	\$82,870,086	\$82,760,003	\$82,649,920	\$82,539,837	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	120,274	120,116	119,958	119,800	119,642	119,483	119,326	119,168	119,010	118,852	118,695	118,535	1,432,859
	b. Equity Component Grossed Up For Taxes	6.07%	423,948	423,392	422,834	422,277	421,720	421,161	420,605	420,047	419,490	418,933	418,376	417,819	5,050,602
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		110,083	110,083	110,083	110,083	110,083	110,083	110,083	110,083	110,083	110,083	110,083	110,083	1,320,996
	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						
	d. Property Taxes		3,661	3,661	3,661	3,661	3,661	3,661	3,661	3,661	3,661	3,661	3,661	3,661	43,932
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$657,966	\$657,252	\$656,536	\$655,821	\$655,106	\$654,388	\$653,675	\$652,959	\$652,244	\$651,529	\$650,815	\$650,098	7,848,389
	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		657,966	657,252	656,536	655,821	655,106	654,388	653,675	652,959	652,244	651,529	650,815	650,098	7,848,389
10	Energy Jurisdictional Factor		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)		611,152	610,489	609,823	609,159	608,495	607,828	607,166	606,501	605,837	605,173	604,510	603,844	7,289,976
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$611,152	\$610,489	\$609,823	\$609,159	\$608,495	\$607,828	\$607,166	\$606,501	\$605,837	\$605,173	\$604,510	\$603,844	\$7,289,976

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0154401 Ammonia Inventory	\$1,085,249	\$1,092,213	\$1,158,834	\$1,260,560	\$1,360,290	\$1,521,548	\$1,666,264	\$1,343,285	\$1,343,285	\$1,343,285	\$1,343,285	\$1,343,285	\$1,343,285	\$1,343,285
	b. 0154200 Limestone Inventory	\$1,565,630	1,630,427	1,595,494	1,654,177	1,729,944	1,805,177	1,859,589	1,712,468	1,712,468	1,712,468	1,712,468	1,712,468	1,712,468	1,712,468
2	Total Working Capital	\$2,650,879	\$2,722,640	\$2,754,327	\$2,914,737	\$3,090,233	\$3,326,726	\$3,525,853	\$3,055,753	\$3,055,753	\$3,055,753	\$3,055,753	\$3,055,753	\$3,055,753	3,055,753
3	Average Net Investment		2,686,759	2,738,484	2,834,532	3,002,485	3,208,479	3,426,289	3,290,803	3,055,753	3,055,753	3,055,753	3,055,753	3,055,753	
4	Return on Average Net Working Capital Balance (A)														
	a. Debt Component		1.72%	3,858	3,933	4,071	4,312	4,608	4,921	4,726	4,388	4,388	4,388	4,388	\$52,370
	b. Equity Component Grossed Up For Taxes		6.07%	13,600	13,862	14,348	15,199	16,241	17,344	16,658	15,468	15,468	15,468	15,468	184,595
5	Total Return Component (B)		17,459	17,795	18,419	19,511	20,849	22,264	21,384	19,857	19,857	19,857	19,857	19,857	236,965
6	Expense Dr (Cr)														
	a. 0502030 Ammonia Expense		70,708	177,922	155,237	243,072	288,539	287,344	226,500	246,100	193,000	177,800	25,600	25,600	2,117,423
	b. 0502040 Limestone Expense		172,327	279,823	294,260	464,173	388,393	522,186	340,955	329,065	340,714	325,518	322,756	354,858	4,135,027
	c. 0502050 Dibasic Acid Expense		0	0	0	0	0	0	1,700	1,900	1,500	1,400	200	200	6,900
	d. 0502070 Gypsum Disposal/Sale		(68,152)	(146,981)	(294,070)	(266,005)	(306,466)	(503,649)	(315,302)	(304,850)	(315,985)	(301,779)	(299,526)	(329,702)	(3,452,468)
	e. 0502040 Hydrated Lime Expense		120,207	189,147	193,230	307,327	355,741	323,803	190,800	207,200	162,700	150,000	21,650	21,650	2,243,454
	f. 0502300 Caustic Expense (F)		0	0	(83,375)	0	0	0	0	0	0	0	0	0	(83,375)
7	Net Expense (C)		295,089	499,910	265,281	748,567	726,207	629,684	444,653	479,415	381,929	352,939	70,680	72,606	4,966,961
8	Total System Recoverable Expenses (Lines 5 + 7)		\$312,548	\$517,705	\$283,700	\$768,077	\$747,056	\$651,948	\$466,037	\$499,272	\$401,786	\$372,795	\$90,537	\$92,463	5,203,925
	a. Recoverable Costs Allocated to Energy		312,548	517,705	283,700	768,077	747,056	651,948	466,037	499,272	401,786	372,795	90,537	92,463	5,203,925
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Energy Jurisdictional Factor		0.93240	0.97190	0.97100	0.95630	0.91870	0.90580	0.90872	0.90773	0.92667	0.94357	0.95226	0.97002	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Retail Energy-Related Recoverable Costs (D)		291,420	503,158	275,473	734,512	686,320	590,535	423,496	453,206	372,321	351,760	86,215	89,691	4,858,107
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)		\$ 291,420	\$ 503,158	\$ 275,473	\$ 734,512	\$ 686,320	\$ 590,535	\$ 423,496	\$ 453,206	\$ 372,321	\$ 351,760	\$ 86,215	\$ 89,691	\$ 4,858,107

**Notes:**

- (A) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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
- (F) March 2021 includes a credit to revise prior period billing invoice; the credit includes applicable commercial paper interest.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	\$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	(4,394)	(4,423)	(4,452)	(4,481)	(4,510)	(4,539)	(4,568)	(4,597)	(4,626)	(4,655)	(4,684)	(4,713)	(4,742)	
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)	\$6,930	\$6,901	\$6,872	\$6,843	\$6,814	\$6,785	\$6,756	\$6,727	\$6,698	\$6,669	\$6,640	\$6,611	\$6,582	
6	Average Net Investment		\$6,916	\$6,887	\$6,858	\$6,829	\$6,800	\$6,771	\$6,742	\$6,713	\$6,684	\$6,655	\$6,626	\$6,597	
7	Return on Average Net Investment (B)														
	a. Debt Component		1.72%	10	10	10	10	10	10	10	10	10	10	9	119
	b. Equity Component Grossed Up For Taxes		6.07%	35	35	35	35	34	34	34	34	34	34	33	411
	c. Other		0	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						
	d. Property Taxes 0.007205		7	7	7	7	7	7	7	7	7	7	7	7	84
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$81	\$81	\$81	\$81	\$80	\$80	\$80	\$80	\$80	\$80	\$80	\$78	962
	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		\$81	\$81	\$81	\$81	\$80	\$80	\$80	\$80	\$80	\$80	\$80	\$78	962
10	Energy Jurisdictional Factor		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)		81	81	81	81	80	80	80	80	80	80	80	78	958
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$81	\$81	\$81	\$81	\$80	\$80	\$80	\$80	\$80	\$80	\$80	\$78	\$958

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894).  
See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	168,941
3	Less: Accumulated Depreciation	(53,104)	(53,400)	(53,696)	(53,992)	(54,288)	(54,584)	(54,880)	(55,176)	(55,472)	(55,768)	(56,064)	(56,360)	(56,656)	(56,656)
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)	\$115,837	\$115,541	\$115,245	\$114,949	\$114,653	\$114,357	\$114,061	\$113,765	\$113,469	\$113,173	\$112,877	\$112,581	\$112,285	\$112,285
6	Average Net Investment		\$115,689	\$115,393	\$115,097	\$114,801	\$114,505	\$114,209	\$113,913	\$113,617	\$113,321	\$113,025	\$112,729	\$112,433	\$112,433
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	166	166	165	165	164	164	164	163	163	162	162	161	1,965
	b. Equity Component Grossed Up For Taxes	6.07%	586	584	583	581	580	578	577	575	574	572	571	569	6,930
	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						
	d. Property Taxes	0.000507	7	7	7	7	7	7	7	7	7	7	7	7	84
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,055	\$1,053	\$1,051	\$1,049	\$1,047	\$1,045	\$1,044	\$1,041	\$1,040	\$1,037	\$1,036	\$1,033	12,531
	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		\$1,055	\$1,053	\$1,051	\$1,049	\$1,047	\$1,045	\$1,044	\$1,041	\$1,040	\$1,037	\$1,036	\$1,033	12,531
10	Energy Jurisdictional Factor		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)		980	978	976	974	973	971	970	967	966	963	962	960	11,639
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$980	\$978	\$976	\$974	\$973	\$971	\$970	\$967	\$966	\$963	\$962	\$960	\$11,639

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: UNDERGROUND STORAGE TANKS - Intermediate (10.2)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(33,965)	(34,168)	(34,371)	(34,574)	(34,777)	(34,980)	(35,183)	(35,386)	(35,589)	(35,792)	(35,995)	(36,198)	(36,401)	(36,401)
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)	\$42,041	\$41,838	\$41,635	\$41,432	\$41,229	\$41,026	\$40,823	\$40,620	\$40,417	\$40,214	\$40,011	\$39,808	\$39,605	\$39,605
6	Average Net Investment		\$41,940	\$41,737	\$41,534	\$41,331	\$41,128	\$40,925	\$40,722	\$40,519	\$40,316	\$40,113	\$39,910	\$39,707	\$39,707
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	60	60	60	59	59	59	58	58	58	58	57	57	703
	b. Equity Component Grossed Up For Taxes	6.07%	212	211	210	209	208	207	206	205	204	203	202	201	2,478
	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						
	d. Property Taxes 0.000507		3	3	3	3	3	3	3	3	3	3	3	3	36
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$478	\$477	\$476	\$474	\$473	\$472	\$470	\$469	\$468	\$467	\$465	\$464	5,653
	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		\$478	\$477	\$476	\$474	\$473	\$472	\$470	\$469	\$468	\$467	\$465	\$464	5,653
10	Energy Jurisdictional Factor		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
13	Retail Demand-Related Recoverable Costs (F)		348	347	346	345	344	343	342	341	340	340	338	337	4,110
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$348	\$347	\$346	\$345	\$344	\$343	\$342	\$341	\$340	\$340	\$338	\$337	\$4,110

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	\$2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	2,612,979	
3	Less: Accumulated Depreciation	(37,787)	(43,165)	(48,543)	(53,921)	(59,299)	(64,677)	(70,055)	(75,433)	(80,811)	(86,189)	(91,567)	(96,945)	(102,323)	
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)	\$2,575,192	\$2,569,814	\$2,564,436	\$2,559,058	\$2,553,680	\$2,548,302	\$2,542,924	\$2,537,546	\$2,532,168	\$2,526,790	\$2,521,412	\$2,516,034	\$2,510,656	
6	Average Net Investment		\$2,572,503	\$2,567,125	\$2,561,747	\$2,556,369	\$2,550,991	\$2,545,613	\$2,540,235	\$2,534,857	\$2,529,479	\$2,524,101	\$2,518,723	\$2,513,345	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	3,694	3,687	3,679	3,671	3,663	3,656	3,648	3,640	3,633	3,625	3,617	3,609	43,822
	b. Equity Component Grossed Up For Taxes	6.07%	13,022	12,995	12,968	12,940	12,913	12,886	12,859	12,832	12,804	12,777	12,750	12,723	154,469
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.4700%	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	5,378	64,536
	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						
	d. Property Taxes	0.000507	110	110	110	110	110	110	110	110	110	110	110	110	1,320
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$22,204	\$22,170	\$22,135	\$22,099	\$22,064	\$22,030	\$21,995	\$21,960	\$21,925	\$21,890	\$21,855	\$21,820	264,147
	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		\$22,204	\$22,170	\$22,135	\$22,099	\$22,064	\$22,030	\$21,995	\$21,960	\$21,925	\$21,890	\$21,855	\$21,820	264,147
10	Energy Jurisdictional Factor		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)		\$20,624	\$20,593	\$20,560	\$20,527	\$20,494	\$20,463	\$20,430	\$20,398	\$20,365	\$20,333	\$20,300	\$20,268	245,355
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$20,624	\$20,593	\$20,560	\$20,527	\$20,494	\$20,463	\$20,430	\$20,398	\$20,365	\$20,333	\$20,300	\$20,268	\$245,355

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894).  
See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: NPDES - Intermediate (Project 16)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(2,572,638)	(2,608,310)	(2,643,982)	(2,679,654)	(2,715,326)	(2,750,998)	(2,786,670)	(2,822,342)	(2,858,014)	(2,893,686)	(2,929,358)	(2,965,030)	(3,000,702)	
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)	\$10,269,232	\$10,233,560	\$10,197,888	\$10,162,216	\$10,126,544	\$10,090,872	\$10,055,200	\$10,019,528	\$9,983,856	\$9,948,184	\$9,912,512	\$9,876,840	\$9,841,168	
6	Average Net Investment		\$10,251,396	\$10,215,724	\$10,180,052	\$10,144,380	\$10,108,708	\$10,073,036	\$10,037,364	\$10,001,692	\$9,966,020	\$9,930,348	\$9,894,676	\$9,859,004	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	14,722	14,671	14,620	14,568	14,517	14,466	14,415	14,363	14,312	14,261	14,210	14,159	173,284
	b. Equity Component Grossed Up For Taxes	6.07%	51,893	51,712	51,532	51,351	51,171	50,990	50,809	50,629	50,448	50,268	50,087	49,907	610,797
	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						
	d. Property Taxes	0.008120	8,690	8,690	8,690	8,690	8,690	8,690	8,690	8,690	8,690	8,690	8,690	8,690	104,280
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$110,977	\$110,745	\$110,514	\$110,281	\$110,050	\$109,818	\$109,586	\$109,354	\$109,122	\$108,891	\$108,659	\$108,428	1,316,425
	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		\$110,977	\$110,745	\$110,514	\$110,281	\$110,050	\$109,818	\$109,586	\$109,354	\$109,122	\$108,891	\$108,659	\$108,428	1,316,425
10	Energy Jurisdictional Factor		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)		80,684	80,515	80,347	80,178	80,010	79,841	79,672	79,504	79,335	79,167	78,998	78,830	957,080
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$80,684	\$80,515	\$80,347	\$80,178	\$80,010	\$79,841	\$79,672	\$79,504	\$79,335	\$79,167	\$78,998	\$78,830	\$957,080

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894).  
See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Calculation of Actual / Estimated Amount**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	3,690,187	
3	Less: Accumulated Depreciation	(424,949)	(431,531)	(438,113)	(444,695)	(451,277)	(457,859)	(464,441)	(471,023)	(477,605)	(484,187)	(490,769)	(497,351)	(503,933)	(503,933)	
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)	\$3,265,238	\$3,258,656	\$3,252,074	\$3,245,492	\$3,238,910	\$3,232,328	\$3,225,746	\$3,219,164	\$3,212,582	\$3,206,000	\$3,199,418	\$3,192,836	\$3,186,254	\$3,186,254	
6	Average Net Investment		\$3,261,947	\$3,255,365	\$3,248,783	\$3,242,201	\$3,235,619	\$3,229,037	\$3,222,455	\$3,215,873	\$3,209,291	\$3,202,709	\$3,196,127	\$3,189,545	\$3,189,545	
7	Return on Average Net Investment (B)															
	a. Debt Component		1.72%	4,684	4,675	4,666	4,656	4,647	4,637	4,628	4,618	4,609	4,599	4,590	4,581	55,590
	b. Equity Component Grossed Up For Taxes		6.07%	16,512	16,479	16,445	16,412	16,379	16,345	16,312	16,279	16,246	16,212	16,179	16,146	195,946
	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							
	d. Property Taxes 0.000507		156	156	156	156	156	156	156	156	156	156	156	156	1,872	
	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)		\$27,337	\$27,295	\$27,252	\$27,209	\$27,167	\$27,123	\$27,081	\$27,038	\$26,996	\$26,952	\$26,910	\$26,868	325,232	
	a. Recoverable Costs Allocated to Energy		27,337	27,295	27,252	27,209	27,167	27,123	27,081	27,038	26,996	26,952	26,910	26,868	325,232	
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0	
10	Energy Jurisdictional Factor		0.93240	0.97190	0.97100	0.95630	0.91870	0.90580	0.90872	0.90773	0.92667	0.94357	0.95226	0.97002	0.97002	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A							
12	Retail Energy-Related Recoverable Costs (F)		\$25,489	\$26,528	\$26,462	\$26,020	\$24,959	\$24,568	\$24,609	\$24,544	\$25,017	\$25,432	\$25,626	\$26,063	\$305,317	
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)		\$25,489	\$26,528	\$26,462	\$26,020	\$24,959	\$24,568	\$24,609	\$24,544	\$25,017	\$25,432	\$25,626	\$26,063	\$305,317	

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 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**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(20,366,566)	(20,608,980)	(20,851,394)	(21,093,808)	(21,336,222)	(21,578,636)	(21,821,050)	(22,063,464)	(22,305,878)	(22,548,292)	(22,790,706)	(23,033,120)	(23,275,534)	
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)	\$113,551,701	\$113,309,287	\$113,066,873	\$112,824,459	\$112,582,045	\$112,339,631	\$112,097,217	\$111,854,803	\$111,612,389	\$111,369,975	\$111,127,561	\$110,885,147	\$110,642,733	
6	Average Net Investment		\$113,430,494	\$113,188,080	\$112,945,666	\$112,703,252	\$112,460,838	\$112,218,424	\$111,976,010	\$111,733,596	\$111,491,182	\$111,248,768	\$111,006,354	\$110,763,940	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	162,898	162,550	162,201	161,853	161,505	161,157	160,809	160,461	160,113	159,765	159,416	159,068	1,931,796
	b. Equity Component Grossed Up For Taxes	6.07%	574,188	572,961	571,734	570,507	569,279	568,052	566,825	565,598	564,371	563,144	561,917	560,690	6,809,266
	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						
	d. Property Taxes 0.005960		66,513	66,513	66,513	66,513	66,513	66,513	66,513	66,513	66,513	66,513	66,513	66,513	798,156
	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)		\$1,031,219	\$1,029,644	\$1,028,068	\$1,026,493	\$1,024,917	\$1,023,342	\$1,021,767	\$1,020,192	\$1,018,617	\$1,017,042	\$1,015,466	\$1,013,891	12,270,652
	a. Recoverable Costs Allocated to Energy		1,031,219	1,029,644	1,028,068	1,026,493	1,024,917	1,023,342	1,021,767	1,020,192	1,018,617	1,017,042	1,015,466	1,013,891	12,270,652
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.93240	0.97190	0.97100	0.95630	0.91870	0.90580	0.90872	0.90773	0.92667	0.94357	0.95226	0.97002	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
12	Retail Energy-Related Recoverable Costs (F)		\$961,508	\$1,000,711	\$998,254	\$981,635	\$941,591	\$926,943	\$928,497	\$926,063	\$943,917	\$959,653	\$966,991	\$983,492	\$11,519,255
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)		\$961,508	\$1,000,711	\$998,254	\$981,635	\$941,591	\$926,943	\$928,497	\$926,063	\$943,917	\$959,653	\$966,991	\$983,492	\$11,519,255

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 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**  
**January 2021 - December 2021**

**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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$85,075	\$137,082	\$524,961	\$445,463	\$351,992	\$130,463	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$1,775,036
	b. Clearings to Plant		0	0	0	0	0	0	0	3,874,267	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	\$446,090	446,090	446,090	446,090	446,090	446,090	446,090	446,090	4,320,358	4,320,358	4,320,358	4,320,358	4,320,358	
3	Less: Accumulated Depreciation	(29,288)	(30,094)	(30,900)	(31,706)	(32,512)	(33,318)	(34,124)	(34,930)	(42,741)	(50,552)	(58,363)	(66,174)	(73,985)	
4	CWIP - Non-Interest Bearing	2,099,232	2,184,307	2,321,389	2,846,350	3,291,813	3,643,805	3,774,267	3,824,267	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$2,516,034	\$2,600,303	\$2,736,579	\$3,260,734	\$3,705,391	\$4,056,577	\$4,186,234	\$4,235,428	\$4,277,617	\$4,269,806	\$4,261,995	\$4,254,184	\$4,246,373	
6	Average Net Investment		\$2,558,168	\$2,668,441	\$2,998,656	\$3,483,062	\$3,880,984	\$4,121,405	\$4,210,831	\$4,256,522	\$4,273,711	\$4,265,900	\$4,258,089	\$4,250,278	
7	Return on Average Net Investment (B)														
	a. Debt Component	1.72%	3,674	3,832	4,306	5,002	5,573	5,919	6,047	6,113	6,137	6,126	6,115	6,104	64,948
	b. Equity Component Grossed Up For Taxes	6.07%	12,950	13,508	15,179	17,631	19,646	20,863	21,315	21,547	21,634	21,594	21,555	21,515	228,937
	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	7,811	7,811	7,811	7,811	7,811	44,697
	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						
	d. Property Taxes	0.000507	19	19	19	19	19	19	19	182	182	182	182	182	1,043
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$17,449	\$18,165	\$20,310	\$23,458	\$26,044	\$27,607	\$28,187	\$35,653	\$35,764	\$35,713	\$35,663	\$35,612	339,625
	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		17,449	18,165	20,310	23,458	26,044	27,607	28,187	35,653	35,764	35,713	35,663	35,612	339,625
10	Energy Jurisdictional Factor		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)		16,208	16,873	18,865	21,789	24,191	25,643	26,181	33,116	33,219	33,172	33,126	33,078	315,461
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$16,208	\$16,873	\$18,865	\$21,789	\$24,191	\$25,643	\$26,181	\$33,116	\$33,219	\$33,172	\$33,126	\$33,078	\$315,461

**Notes:**

- (A) N/A
- (B) Line 6 x 7.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.52% and statutory income tax rate of 24.522% (inc tax multiplier = 1.3248894). See Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology.
- (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 2020 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA  
Environmental Cost Recovery Clause  
Calculation of Actual / Estimated Amount  
January 2021 - December 2021

Form 42 9E

Docket No. 20210007-EI  
Duke Energy Florida  
Witness: G. P. Dean  
Exh. No. \_\_ (GPD-3)  
Page 27 of 27

Capital Structure and Cost Rates

	(1)	(2)	(3)	(4)	(5)	(6)
	Jurisdictional Rate Base Adjusted Retail (\$000s)	Cap Ratio	Cost Rate	Weighted Cost	Revenue Requirement Rate	Monthly Revenue Requirement Rate
1 Common Equity	\$ 6,564,170	43.08%	10.50%	4.523%	5.99%	0.4992%
2 Long Term Debt	5,970,469	39.18%	4.22%	1.655%	1.66%	0.1383%
3 Short Term Debt	141,506	0.93%	1.10%	0.010%	0.01%	0.0008%
4 Cust Dep Active	181,717	1.19%	2.36%	0.028%	0.03%	0.0025%
5 Cust Dep Inactive	1,883	0.01%			0.00%	0.0000%
6 Invest Tax Cr	176,535	1.16%	7.51%	0.087%	0.11%	0.0092%
7 Deferred Inc Tax	2,202,583	14.45%			0.00%	0.0000%
8 <b>Total</b>	<b>\$ 15,238,864</b>	<b>100.00%</b>		<b>6.304%</b>	<b>7.80%</b>	<b>0.6500%</b>

	ITC split between Debt and Equity**	Ratio	Cost Rate	Ratio	Ratio	Deferred Inc Tax	Weighted ITC	After Gross-up
9 Common Equity	6,564,170	52%	10.5%	5.50%	73.2%	0.09%	0.064%	0.084%
10 Preferred Equity	-	0%				0.09%	0.000%	0.000%
11 Long Term Debt	5,970,469	48%	4.22%	2.01%	26.8%	0.09%	0.023%	0.023%
12	12,534,639	100%		7.51%			0.087%	0.108%

Breakdown of Revenue Requirement Rate of Return between Debt and Equity:

13	Total Equity Component (Lines 1 and 9 )	6.07%
14	Total Debt Component (Lines 2, 3, 4, and 11 )	1.72%
15	<b>Total Revenue Requirement Rate of Return</b>	<b>7.80%</b>

Notes:

Effective Tax Rate: 24.522%

Column:

- (1) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
- (2) Column (1) / Total Column (1)
- (3) Per Order No. PSC-2020-0165-PAA-EU, issued May 20, 2020, approving amended joint motion modifying WACC methodology
- (4) Column (2) x Column (3)
- (5) For equity components: Column (4) / (1-effective income tax rate/100)
- \* For debt components: Column (4)
- \*\* Line 6 is the pre-tax ITC components from Lines 9 and 11
- (6) Column (5) / 12

Docket No. 20210007-EI

Duke Energy Florida

Witness: G. P. Dean

Exh. No. \_\_ (GPD-4)

Page 1 of 11

**DUKE ENERGY FLORIDA  
Environmental Cost Recovery Clause  
Capital Program Detail**

**January 2021 - December 2021  
Actuals for the Period January 2021 - June 2021  
Estimates for the Period July 2021 - December 2021  
Docket No. 20210007-EI**

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BARTOW CTs (Project 4.1b)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(513,597)	(517,282)	(520,967)	(524,652)	(528,337)	(532,022)	(535,707)	(539,392)	(543,077)	(546,762)	(550,447)	(554,132)	(557,817)		
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)	\$960,204	\$956,519	\$952,834	\$949,149	\$945,464	\$941,779	\$938,094	\$934,409	\$930,724	\$927,039	\$923,354	\$919,669	\$915,984		
6	Average Net Investment		958,362	954,677	950,992	947,307	943,622	939,937	936,252	932,567	928,882	925,197	921,512	917,827		
7	Return on Average Net Investment (A)															
	a. Debt Component		1.72%	1,376	1,371	1,366	1,360	1,355	1,350	1,345	1,339	1,334	1,329	1,323	1,318	16,166
	b. Equity Component Grossed Up For Taxes		6.07%	4,851	4,833	4,814	4,795	4,777	4,758	4,739	4,721	4,702	4,683	4,665	4,646	56,984
	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		0.8120%	997	997	997	997	997	997	997	997	997	997	997	997	11,964
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$10,909	\$10,886	\$10,862	\$10,837	\$10,814	\$10,790	\$10,766	\$10,742	\$10,718	\$10,694	\$10,670	\$10,646	\$129,334	
	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		\$10,909	\$10,886	\$10,862	\$10,837	\$10,814	\$10,790	\$10,766	\$10,742	\$10,718	\$10,694	\$10,670	\$10,646	\$129,334	

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - INTERCESSION CITY CTs (Project 4.1c)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	1,661,664	
3	Less: Accumulated Depreciation	(1,382,471)	(1,391,610)	(1,400,749)	(1,409,888)	(1,419,027)	(1,428,166)	(1,437,305)	(1,446,444)	(1,455,583)	(1,464,722)	(1,473,861)	(1,483,000)	(1,492,139)		
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)	\$279,193	\$270,054	\$260,915	\$251,776	\$242,637	\$233,498	\$224,359	\$215,220	\$206,081	\$196,942	\$187,803	\$178,664	\$169,525		
6	Average Net Investment		274,624	265,485	256,346	247,207	238,068	228,929	219,790	210,651	201,512	192,373	183,234	174,095		
7	Return on Average Net Investment (A)															
	a. Debt Component		1.72%	394	381	368	355	342	329	316	303	289	276	263	250	3,866
	b. Equity Component Grossed Up For Taxes		6.07%	1,390	1,344	1,298	1,251	1,205	1,159	1,113	1,066	1,020	974	928	881	13,629
	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		0.6770%	937	937	937	937	937	937	937	937	937	937	937	937	11,244
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$11,860	\$11,801	\$11,742	\$11,682	\$11,623	\$11,564	\$11,505	\$11,445	\$11,385	\$11,326	\$11,267	\$11,207	\$138,407	
	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		\$11,860	\$11,801	\$11,742	\$11,682	\$11,623	\$11,564	\$11,505	\$11,445	\$11,385	\$11,326	\$11,267	\$11,207	\$138,407	

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - AVON PARK CTs (Project 4.1d)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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)	53,914	48,523	43,131	37,740	32,349	26,957	21,566	16,174	10,783	5,391	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)	\$53,914	\$48,523	\$43,132	\$37,740	\$32,349	\$26,957	\$21,566	\$16,174	\$10,783	\$5,392	\$0	\$0	\$0	
6	Average Net Investment		51,219	45,827	40,436	35,044	29,653	24,262	18,870	13,479	8,087	2,696	0	0	
7	Return on Average Net Investment (A)														
	a. Debt Component		74	66	58	50	43	35	27	19	12	4	0	0	388
	b. Equity Component Grossed Up For Taxes		259	232	205	177	150	123	96	68	41	14	0	0	1,365
	c. Other		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 (B)	4.8000%	5,391	5,391	5,391	5,391	5,391	5,391	5,391	5,391	5,391	5,391	0	0	53,914
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.0000%	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)		\$5,724	\$5,689	\$5,654	\$5,618	\$5,584	\$5,549	\$5,514	\$5,478	\$5,444	\$5,409	\$0	\$0	\$55,667
	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		\$5,724	\$5,689	\$5,654	\$5,618	\$5,584	\$5,549	\$5,514	\$5,478	\$5,444	\$5,409	\$0	\$0	\$55,667

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BAYBORO CTs (Project 4.1e)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(286,217)	(288,039)	(289,861)	(291,683)	(293,505)	(295,327)	(297,149)	(298,971)	(300,793)	(302,615)	(304,437)	(306,259)	(308,081)	
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)	\$444,079	\$442,257	\$440,435	\$438,613	\$436,791	\$434,969	\$433,147	\$431,325	\$429,503	\$427,681	\$425,859	\$424,037	\$422,215	
6	Average Net Investment		443,168	441,346	439,524	437,702	435,880	434,058	432,236	430,414	428,592	426,770	424,948	423,126	
7	Return on Average Net Investment (A)														
	a. Debt Component		636	634	631	629	626	623	621	618	616	613	610	608	7,465
	b. Equity Component Grossed Up For Taxes		2,243	2,234	2,225	2,216	2,206	2,197	2,188	2,179	2,170	2,160	2,151	2,142	26,311
	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						
	d. Property Taxes	1.0760%	655	655	655	655	655	655	655	655	655	655	655	655	7,860
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,356	\$5,345	\$5,333	\$5,322	\$5,309	\$5,297	\$5,286	\$5,274	\$5,263	\$5,250	\$5,238	\$5,227	\$63,500
	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		\$5,356	\$5,345	\$5,333	\$5,322	\$5,309	\$5,297	\$5,286	\$5,274	\$5,263	\$5,250	\$5,238	\$5,227	\$63,500

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-PAA-EU.  
 (B) Investment amortized over one year as approved in Order No. PSC-2019-0500-FOF-EI.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - SUWANNEE CTs (Project 4.1f)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(460,824)	(463,676)	(466,528)	(469,380)	(472,232)	(475,084)	(477,936)	(480,788)	(483,640)	(486,492)	(489,344)	(492,196)	(495,048)	
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)	\$576,375	\$573,523	\$570,671	\$567,819	\$564,967	\$562,115	\$559,263	\$556,411	\$553,559	\$550,707	\$547,855	\$545,003	\$542,151	
6	Average Net Investment		574,949	572,097	569,245	566,393	563,541	560,689	557,837	554,985	552,133	549,281	546,429	543,577	
7	Return on Average Net Investment (A)														
	a. Debt Component														
	b. Equity Component Grossed Up For Taxes		826	822	817	813	809	805	801	797	793	789	785	781	9,638
	c. Other		2,910	2,896	2,882	2,867	2,853	2,838	2,824	2,809	2,795	2,780	2,766	2,752	33,972
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		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						
	d. Property Taxes		803	803	803	803	803	803	803	803	803	803	803	803	9,636
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,391	\$7,373	\$7,354	\$7,335	\$7,317	\$7,298	\$7,280	\$7,261	\$7,243	\$7,224	\$7,206	\$7,188	\$87,470
	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		\$7,391	\$7,373	\$7,354	\$7,335	\$7,317	\$7,298	\$7,280	\$7,261	\$7,243	\$7,224	\$7,206	\$7,188	\$87,470

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - DeBARY CTs (Project 4.1g)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	3,616,904
3	Less: Accumulated Depreciation	(1,010,126)	(1,017,963)	(1,025,800)	(1,033,637)	(1,041,474)	(1,049,311)	(1,057,148)	(1,064,985)	(1,072,822)	(1,080,659)	(1,088,496)	(1,096,333)	(1,104,170)	
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)	\$2,606,778	\$2,598,941	\$2,591,104	\$2,583,267	\$2,575,430	\$2,567,593	\$2,559,756	\$2,551,919	\$2,544,082	\$2,536,245	\$2,528,408	\$2,520,571	\$2,512,734	
6	Average Net Investment		2,602,859	2,595,022	2,587,185	2,579,348	2,571,511	2,563,674	2,555,837	2,548,000	2,540,163	2,532,326	2,524,489	2,516,652	
7	Return on Average Net Investment (A)														
	a. Debt Component		3,738	3,727	3,715	3,704	3,693	3,682	3,670	3,659	3,648	3,637	3,625	3,614	44,112
	b. Equity Component Grossed Up For Taxes		13,176	13,136	13,096	13,057	13,017	12,977	12,938	12,898	12,858	12,819	12,779	12,739	155,490
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		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						
	d. Property Taxes		2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	2,218	26,616
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$26,969	\$26,918	\$26,866	\$26,816	\$26,765	\$26,714	\$26,663	\$26,612	\$26,561	\$26,511	\$26,459	\$26,408	\$320,262
	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		\$26,969	\$26,918	\$26,866	\$26,816	\$26,765	\$26,714	\$26,663	\$26,612	\$26,561	\$26,511	\$26,459	\$26,408	\$320,262

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-PAA-EU.

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - University of Florida (Project 4.1h)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(69,018)	(69,259)	(69,500)	(69,741)	(69,982)	(70,223)	(70,464)	(70,705)	(70,946)	(71,187)	(71,428)	(71,669)	(71,910)	
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)	\$72,417	\$72,176	\$71,935	\$71,694	\$71,453	\$71,212	\$70,971	\$70,730	\$70,489	\$70,248	\$70,007	\$69,766	\$69,525	
6	Average Net Investment		72,296	72,055	71,814	71,573	71,332	71,091	70,850	70,609	70,368	70,127	69,886	69,645	
7	Return on Average Net Investment (A)														
	a. Debt Component		104	103	103	103	102	102	102	101	101	101	100	100	1,222
	b. Equity Component Grossed Up For Taxes		366	365	364	362	361	360	359	357	356	355	354	353	4,312
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		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						
	d. Property Taxes		104	104	104	104	104	104	104	104	104	104	104	104	1,248
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$815	\$813	\$812	\$810	\$808	\$807	\$806	\$803	\$802	\$801	\$799	\$798	\$9,674
	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		\$815	\$813	\$812	\$810	\$808	\$807	\$806	\$803	\$802	\$801	\$799	\$798	\$9,674

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	2,365,947
3	Less: Accumulated Depreciation	(\$59,908)	(62,838)	(65,768)	(68,698)	(71,628)	(74,558)	(77,488)	(80,418)	(83,348)	(86,278)	(89,208)	(92,138)	(95,068)	(95,068)
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)	\$2,306,039	\$2,303,109	\$2,300,179	\$2,297,249	\$2,294,319	\$2,291,389	\$2,288,459	\$2,285,529	\$2,282,599	\$2,279,669	\$2,276,739	\$2,273,809	\$2,270,879	
6	Average Net Investment		2,304,574	2,301,644	2,298,714	2,295,784	2,292,854	2,289,924	2,286,994	2,284,064	2,281,134	2,278,204	2,275,274	2,272,344	
7	Return on Average Net Investment (A)														
	a. Debt Component														1.72%
	b. Equity Component Grossed Up For Taxes		3,310	3,305	3,301	3,297	3,293	3,289	3,284	3,280	3,276	3,272	3,268	3,263	6.07%
	c. Other		11,666	11,651	11,636	11,621	11,606	11,592	11,577	11,562	11,547	11,532	11,517	11,503	
			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses														
	a. Depreciation		2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	1.4860%
	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							
	d. Property Taxes		100	100	100	100	100	100	100	100	100	100	100	100	0.0507%
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,006	\$17,986	\$17,967	\$17,948	\$17,929	\$17,911	\$17,891	\$17,872	\$17,853	\$17,834	\$17,815	\$17,796	\$214,808
	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		\$18,006	\$17,986	\$17,967	\$17,948	\$17,929	\$17,911	\$17,891	\$17,872	\$17,853	\$17,834	\$17,815	\$17,796	\$214,808

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Anclote (Project 4.3)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(91,686)	(92,211)	(92,736)	(93,261)	(93,786)	(94,311)	(94,836)	(95,361)	(95,886)	(96,411)	(96,936)	(97,461)	(97,986)	(97,986)
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)	\$198,611	\$198,086	\$197,561	\$197,036	\$196,511	\$195,986	\$195,461	\$194,936	\$194,411	\$193,886	\$193,361	\$192,836	\$192,311	
6	Average Net Investment		198,349	197,824	197,299	196,774	196,249	195,724	195,199	194,674	194,149	193,624	193,099	192,574	
7	Return on Average Net Investment (A)														
	a. Debt Component														1.72%
	b. Equity Component Grossed Up For Taxes		285	284	283	283	282	281	280	280	279	278	277	277	6.07%
	c. Other		1,004	1,001	999	996	993	991	988	985	983	980	977	975	
			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses														
	a. Depreciation		525	525	525	525	525	525	525	525	525	525	525	525	2.1722%
	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							
	d. Property Taxes		144	144	144	144	144	144	144	144	144	144	144	144	0.5960%
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,958	\$1,954	\$1,951	\$1,948	\$1,944	\$1,941	\$1,937	\$1,934	\$1,931	\$1,927	\$1,923	\$1,921	\$23,269
	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	\$1,954	\$1,951	\$1,948	\$1,944	\$1,941	\$1,937	\$1,934	\$1,931	\$1,927	\$1,923	\$1,921	\$23,269

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-PAA-EU.

For Project: CAIR CTs - AVON PARK (Project 7.2a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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)	87,234	78,511	69,787	61,064	52,341	43,617	34,894	26,170	17,447	8,723	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)	\$87,234	\$78,511	\$69,787	\$61,064	\$52,341	\$43,617	\$34,894	\$26,170	\$17,447	\$8,723	\$0	\$0	\$0	
6	Average Net Investment		82,873	74,149	65,426	56,702	47,979	39,255	30,532	21,809	13,085	4,362	0	0	
7	Return on Average Net Investment (A)														
	a. Debt Component														625
	b. Equity Component Grossed Up For Taxes														2,208
	c. Other														0
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)		8,723	8,723	8,723	8,723	8,723	8,723	8,723	8,723	8,723	8,723	0	0	87,234
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	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)		\$9,262	\$9,204	\$9,148	\$9,091	\$9,035	\$8,978	\$8,922	\$8,864	\$8,808	\$8,751	\$0	\$0	\$90,067
	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		\$9,262	\$9,204	\$9,148	\$9,091	\$9,035	\$8,978	\$8,922	\$8,864	\$8,808	\$8,751	\$0	\$0	\$90,067

For Project: CAIR CTs - BARTOW (Project 7.2b)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(66,745)	(67,103)	(67,461)	(67,819)	(68,177)	(68,535)	(68,893)	(69,251)	(69,609)	(69,967)	(70,325)	(70,683)	(71,041)	
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)	\$208,602	\$208,244	\$207,886	\$207,528	\$207,170	\$206,812	\$206,454	\$206,096	\$205,738	\$205,380	\$205,022	\$204,664	\$204,306	
6	Average Net Investment		208,423	208,065	207,707	207,349	206,991	206,633	206,275	205,917	205,559	205,201	204,843	204,485	
7	Return on Average Net Investment (A)														
	a. Debt Component														3,558
	b. Equity Component Grossed Up For Taxes														12,541
	c. Other														0
8	Investment Expenses														
	a. Depreciation		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						
	d. Property Taxes		186	186	186	186	186	186	186	186	186	186	186	186	2,232
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,898	\$1,896	\$1,893	\$1,892	\$1,889	\$1,887	\$1,884	\$1,882	\$1,880	\$1,878	\$1,875	\$1,873	\$22,627
	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		\$1,898	\$1,896	\$1,893	\$1,892	\$1,889	\$1,887	\$1,884	\$1,882	\$1,880	\$1,878	\$1,875	\$1,873	\$22,627

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-PAA-EU.  
 (B) Investment amortized over one year as approved in Order No. PSC-2019-0500-FOF-EI.

**For Project: CAIR CTs - BAYBORO (Project 7.2c)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	198,988	
3	Less: Accumulated Depreciation	(61,695)	(62,079)	(62,463)	(62,847)	(63,231)	(63,615)	(63,999)	(64,383)	(64,767)	(65,151)	(65,535)	(65,919)	(66,303)	(66,303)	
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)	\$137,293	\$136,909	\$136,525	\$136,141	\$135,757	\$135,373	\$134,989	\$134,605	\$134,221	\$133,837	\$133,453	\$133,069	\$132,685	\$132,685	
6	Average Net Investment		137,101	136,717	136,333	135,949	135,565	135,181	134,797	134,413	134,029	133,645	133,261	132,877	132,877	
7	Return on Average Net Investment (A)															
	a. Debt Component		1.72%	197	196	196	195	195	194	194	193	192	192	191	191	2,326
	b. Equity Component Grossed Up For Taxes		6.07%	694	692	690	688	686	684	682	680	678	677	675	673	8,199
	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		1.0760%	178	178	178	178	178	178	178	178	178	178	178	178	2,136
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,453	\$1,450	\$1,448	\$1,445	\$1,443	\$1,440	\$1,438	\$1,435	\$1,432	\$1,431	\$1,428	\$1,426	\$1,426	\$17,269
	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		\$1,453	\$1,450	\$1,448	\$1,445	\$1,443	\$1,440	\$1,438	\$1,435	\$1,432	\$1,431	\$1,428	\$1,426	\$1,426	\$17,269

**For Project: CAIR CTs - DeBARY (Project 7.2d)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	87,667	
3	Less: Accumulated Depreciation	(35,283)	(35,502)	(35,721)	(35,940)	(36,159)	(36,378)	(36,597)	(36,816)	(37,035)	(37,254)	(37,473)	(37,692)	(37,911)	(37,911)	
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)	\$52,384	\$52,165	\$51,946	\$51,727	\$51,508	\$51,289	\$51,070	\$50,851	\$50,632	\$50,413	\$50,194	\$49,975	\$49,756	\$49,756	
6	Average Net Investment		52,275	52,056	51,837	51,618	51,399	51,180	50,961	50,742	50,523	50,304	50,085	49,866	49,866	
7	Return on Average Net Investment (A)															
	a. Debt Component		1.72%	75	75	74	74	74	73	73	73	73	72	72	72	880
	b. Equity Component Grossed Up For Taxes		6.07%	265	264	262	261	260	259	258	257	256	255	254	252	3,103
	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		0.7360%	54	54	54	54	54	54	54	54	54	54	54	54	648
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$613	\$612	\$609	\$608	\$607	\$605	\$604	\$603	\$602	\$600	\$599	\$597	\$597	\$7,259
	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		\$613	\$612	\$609	\$608	\$607	\$605	\$604	\$603	\$602	\$600	\$599	\$597	\$597	\$7,259

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-PAA-EU.

**For Project: CAIR CTs - INTERCESSION CITY (Project 7.2f)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(123,343)	(124,130)	(124,917)	(125,704)	(126,491)	(127,278)	(128,065)	(128,852)	(129,639)	(130,426)	(131,213)	(132,000)	(132,787)	
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)	\$226,241	\$225,454	\$224,667	\$223,880	\$223,093	\$222,306	\$221,519	\$220,732	\$219,945	\$219,158	\$218,371	\$217,584	\$216,797	
6	Average Net Investment		225,847	225,060	224,273	223,486	222,699	221,912	221,125	220,338	219,551	218,764	217,977	217,190	
7	Return on Average Net Investment (A)														
	a. Debt Component														3,817
	b. Equity Component Grossed Up For Taxes		324	323	322	321	320	319	318	316	315	314	313	312	13,452
	c. Other		1,143	1,139	1,135	1,131	1,127	1,123	1,119	1,115	1,111	1,107	1,103	1,099	0
8	Investment Expenses														
	a. Depreciation		2.7000%	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
	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		0.6770%	197	197	197	197	197	197	197	197	197	197	197	2,364
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,451	\$2,446	\$2,441	\$2,436	\$2,431	\$2,426	\$2,421	\$2,415	\$2,410	\$2,405	\$2,400	\$2,395	\$29,077
	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		\$2,451	\$2,446	\$2,441	\$2,436	\$2,431	\$2,426	\$2,421	\$2,415	\$2,410	\$2,405	\$2,400	\$2,395	\$29,077

**For Project: CAIR CTs - SUWANNEE (Project 7.2h)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	(\$71,418)	(71,841)	(72,264)	(72,687)	(73,110)	(73,533)	(73,956)	(74,379)	(74,802)	(75,225)	(75,648)	(76,071)	(76,494)	
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)	\$310,142	\$309,719	\$309,296	\$308,873	\$308,450	\$308,027	\$307,604	\$307,181	\$306,758	\$306,335	\$305,912	\$305,489	\$305,066	
6	Average Net Investment		309,930	309,507	309,084	308,661	308,238	307,815	307,392	306,969	306,546	306,123	305,700	305,277	
7	Return on Average Net Investment (A)														
	a. Debt Component														5,300
	b. Equity Component Grossed Up For Taxes		445	444	444	443	443	442	441	441	440	440	439	438	18,685
	c. Other		1,569	1,567	1,565	1,562	1,560	1,558	1,556	1,554	1,552	1,550	1,547	1,545	0
8	Investment Expenses														
	a. Depreciation		1.3299%	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
	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		0.9290%	295	295	295	295	295	295	295	295	295	295	295	3,540
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,732	\$2,729	\$2,727	\$2,723	\$2,721	\$2,718	\$2,715	\$2,713	\$2,710	\$2,708	\$2,704	\$2,701	\$32,601
	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		\$2,732	\$2,729	\$2,727	\$2,723	\$2,721	\$2,718	\$2,715	\$2,713	\$2,710	\$2,708	\$2,704	\$2,701	\$32,601

(A) The allowable return is per the methodology approved in Order No. PSC-2020-0165-PAA-EU.

**For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4d)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	2,149,100
3	Less: Accumulated Depreciation	(\$288,305)	(292,729)	(297,153)	(301,577)	(306,001)	(310,425)	(314,849)	(319,273)	(323,697)	(328,121)	(332,545)	(336,969)	(341,393)	
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)	\$1,860,795	\$1,856,371	\$1,851,947	\$1,847,523	\$1,843,099	\$1,838,675	\$1,834,251	\$1,829,827	\$1,825,403	\$1,820,979	\$1,816,555	\$1,812,131	\$1,807,707	
6	Average Net Investment		1,858,583	1,854,159	1,849,735	1,845,311	1,840,887	1,836,463	1,832,039	1,827,615	1,823,191	1,818,767	1,814,343	1,809,919	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.72%	2,669	2,663	2,656	2,650	2,644	2,637	2,631	2,625	2,618	2,612	2,606	2,599	31,610
	b. Equity Component Grossed Up For Taxes	6.07%	9,408	9,386	9,363	9,341	9,319	9,296	9,274	9,251	9,229	9,207	9,184	9,162	111,420
	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						
	d. Property Taxes	0.0507%	91	91	91	91	91	91	91	91	91	91	91	91	1,092
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$16,592	\$16,564	\$16,534	\$16,506	\$16,478	\$16,448	\$16,420	\$16,391	\$16,362	\$16,334	\$16,305	\$16,276	\$197,210
	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		\$16,592	\$16,564	\$16,534	\$16,506	\$16,478	\$16,448	\$16,420	\$16,391	\$16,362	\$16,334	\$16,305	\$16,276	\$197,210

**For Project: Crystal River 4 and 5 - Conditions of Certification (Project 7.4q)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	\$83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699	83,383,699
3	Less: Accumulated Depreciation	(\$2,405,761)	(2,509,018)	(2,612,275)	(2,715,532)	(2,818,789)	(2,922,046)	(3,025,303)	(3,128,560)	(3,231,817)	(3,335,074)	(3,438,331)	(3,541,588)	(3,644,845)	
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)	\$80,977,938	\$80,874,681	\$80,771,424	\$80,668,167	\$80,564,910	\$80,461,653	\$80,358,396	\$80,255,139	\$80,151,882	\$80,048,625	\$79,945,368	\$79,842,111	\$79,738,854	
6	Average Net Investment		80,926,309	80,823,052	80,719,795	80,616,538	80,513,281	80,410,024	80,306,767	80,203,510	80,100,253	79,996,996	79,893,739	79,790,482	
7	Return on Average Net Investment (A)														
	a. Debt Component	1.72%	116,218	116,070	115,922	115,774	115,625	115,477	115,329	115,180	115,032	114,884	114,736	114,587	1,384,834
	b. Equity Component Grossed Up For Taxes	6.07%	409,651	409,128	408,606	408,083	407,560	407,037	406,515	405,992	405,469	404,947	404,424	403,901	4,881,313
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.4860%	103,257	103,257	103,257	103,257	103,257	103,257	103,257	103,257	103,257	103,257	103,257	103,257	1,239,084
	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						
	d. Property Taxes	0.0507%	3,521	3,521	3,521	3,521	3,521	3,521	3,521	3,521	3,521	3,521	3,521	3,521	42,252
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$632,647	\$631,976	\$631,306	\$630,635	\$629,963	\$629,292	\$628,622	\$627,950	\$627,279	\$626,609	\$625,938	\$625,266	\$7,547,483
	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		\$632,647	\$631,976	\$631,306	\$630,635	\$629,963	\$629,292	\$628,622	\$627,950	\$627,279	\$626,609	\$625,938	\$625,266	\$7,547,483

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-2020-0165-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-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	660,998	
3	Less: Accumulated Depreciation	(\$120,529)	(121,890)	(123,251)	(124,612)	(125,973)	(127,334)	(128,695)	(130,056)	(131,417)	(132,778)	(134,139)	(135,500)	(136,861)	(136,861)	
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)	\$540,469	\$539,108	\$537,747	\$536,386	\$535,025	\$533,664	\$532,303	\$530,942	\$529,581	\$528,220	\$526,859	\$525,498	\$524,137		
6	Average Net Investment		539,789	538,428	537,067	535,706	534,345	532,984	531,623	530,262	528,901	527,540	526,179	524,818		
7	Return on Average Net Investment (A)															
	a. Debt Component		1.72%	775	773	771	769	767	765	763	762	760	758	756	754	9,173
	b. Equity Component Grossed Up For Taxes		6.07%	2,732	2,726	2,719	2,712	2,705	2,698	2,691	2,684	2,677	2,670	2,664	2,657	32,335
	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		0.0507%	28	28	28	28	28	28	28	28	28	28	28	28	336
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$4,896	\$4,888	\$4,879	\$4,870	\$4,861	\$4,852	\$4,843	\$4,835	\$4,826	\$4,817	\$4,809	\$4,800	\$58,176	
	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		\$4,896	\$4,888	\$4,879	\$4,870	\$4,861	\$4,852	\$4,843	\$4,835	\$4,826	\$4,817	\$4,809	\$4,800	\$58,176	

**For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4s) - CR5 Clinker Mitigation**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-21	Actual Feb-21	Actual Mar-21	Actual Apr-21	Actual May-21	Actual Jun-21	Estimated Jul-21	Estimated Aug-21	Estimated Sep-21	Estimated Oct-21	Estimated Nov-21	Estimated Dec-21	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	505,904	
3	Less: Accumulated Depreciation	(\$79,315)	(80,356)	(81,397)	(82,438)	(83,479)	(84,520)	(85,561)	(86,602)	(87,643)	(88,684)	(89,725)	(90,766)	(91,807)	(91,807)	
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)	\$426,589	\$425,548	\$424,507	\$423,466	\$422,425	\$421,384	\$420,343	\$419,302	\$418,261	\$417,220	\$416,179	\$415,138	\$414,097		
6	Return on Average Net Investment (A)		426,069	425,028	423,987	422,946	421,905	420,864	419,823	418,782	417,741	416,700	415,659	414,618		
7	Return on Average Net Investment															
	a. Debt Component		1.72%	612	610	609	607	606	604	603	601	600	598	597	595	7,242
	b. Equity Component Grossed Up For Taxes		6.07%	2,157	2,152	2,146	2,141	2,136	2,130	2,125	2,120	2,115	2,109	2,104	2,099	25,534
	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		0.0507%	21	21	21	21	21	21	21	21	21	21	21	21	252
	e. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,831	\$3,824	\$3,817	\$3,810	\$3,804	\$3,796	\$3,790	\$3,783	\$3,777	\$3,769	\$3,763	\$3,756	\$45,520	
	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		\$3,831	\$3,824	\$3,817	\$3,810	\$3,804	\$3,796	\$3,790	\$3,783	\$3,777	\$3,769	\$3,763	\$3,756	\$45,520	

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-2020-0165-PAA-EU.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF  
REGINALD ANDERSON

ON BEHALF OF  
DUKE ENERGY FLORIDA, LLC  
DOCKET NO. 20210007-EI

July 30, 2021

**Q. Please state your name and business address.**

A. My name is Reginald Anderson. My business address is 299 First Avenue North, St. Petersburg, FL 33701.

**Q. By whom are you employed and in what capacity?**

A. I am employed by Duke Energy Florida, LLC (“DEF” or the “Company”) as Vice President – Regulated & Renewable Energy Florida.

**Q. What are your responsibilities in that position?**

A. As Vice President of DEF’s Regulated & Renewable Energy organization, my responsibilities include overall leadership and strategic direction of DEF’s power generation fleet. My responsibilities include strategic and tactical planning to operate and maintain DEF’s non-nuclear generation fleet; generation fleet project and addition recommendations; major maintenance programs; outage and project management; generation facilities retirement; asset allocation; workforce planning and staffing; organizational alignment and design; continuous business

1 improvement; retention and inclusion; succession planning; and oversight of  
2 numerous employees and hundreds of millions of dollars in assets and capital and  
3 O&M budgets.

4  
5 **Q. Please describe your educational background and professional experience.**

6 A. I earned a Bachelor of Science degree in Electrical Engineering Technology and  
7 Master of Business from the University of Central Florida in 1996 and 2008  
8 respectively. I have 23 years of power plant production experience at DEF in  
9 various operational, managerial and leadership positions in fossil steam and  
10 combustion turbine plant operations. I also managed the new construction and  
11 O&M projects team. I have contract negotiation and management experience.  
12 My prior experience includes leadership roles in municipal utilities,  
13 manufacturing and the United States Marine Corps.

14  
15 **Q. Have you previously filed testimony before this Commission in Docket No.**  
16 **20210007-EI?**

17 A. No, I will be adopting the direct testimony of Jeffrey Swartz filed on April 1,  
18 2021.

19  
20 **Q. What is the purpose of your testimony?**

21 A. The purpose of my testimony is to explain material variances between 2021  
22 actual/estimated cost projections and original 2021 cost projections for  
23 environmental compliance costs associated with FPSC-approved environmental  
24 programs under my responsibility. These programs include the CAIR/CAMR

1 Crystal River (“CR”) Program (Project 7.4), Mercury and Air Toxics Standards  
2 (MATS) – Crystal River (CR) 4&5 (Project 17), and Mercury & Air Toxics  
3 Standards (MATS) – Crystal River 1&2 Program (Project 17.2).

4  
5 **Q. How do actual/estimated O&M project expenditures compare with original**  
6 **projections for the CAIR/CAMR CR Program (Project 7.4) for the period**  
7 **January 2021 through December 2021?**

8 A. O&M expenditures are expected to be \$1,714,203 or 8% lower than originally  
9 projected. This projected variance is primarily due to \$1.3M lower than projected  
10 CAIR – Energy (Reagents) and \$591k lower than originally projected CAIR-  
11 Conditions of Certification (Energy) costs, slightly offset by \$205k higher than  
12 originally projected CAIR-Base.

13  
14 **Q. Please explain the variance between actual/estimated O&M expenditures**  
15 **and the original projections for O&M expenditures for the CAIR/CAMR**  
16 **CR-Base Program (Project 7.4) for the period January 2021 through**  
17 **December 2021?**

18 A. O&M expenditures for the CAIR/CAMR CR-Base Program are expected to be  
19 \$205,327 or 2% higher than originally forecasted. This is primarily due to  
20 expected higher maintenance and repairs that will be required due to increased  
21 forecasted generation run times at CR 4 & 5.

22  
23 **Q. Please explain the variance between actual/estimated O&M expenditures**  
24 **and the original projections for O&M expenditures for the CAIR/CAMR**

1 **CR-Energy (Reagents) Program (Project 7.4) for the period January 2021**  
2 **through December 2021?**

3 A. O&M expenditures for the CAIR/CAMR CR-Energy (Reagents) Program are  
4 expected to be \$1,328,948 or 21% lower than originally forecasted. This variance  
5 consists of higher forecasted expense for Ammonia (\$493k), Limestone (\$410k),  
6 and Hydrated Lime (\$876k) and decreased forecasted expense for Dibasic Acid  
7 (\$6k) and Caustic (\$83k). There is also an increase in the forecasted credit for  
8 Gypsum Sale (\$3M).

9

10 **Q. Please explain the variance between actual/estimated O&M expenditures**  
11 **and the original projections for O&M expenditures for the CAIR/CAMR**  
12 **CR-Energy (Conditions of Certification) Program (Project 7.4) for the**  
13 **period January 2021 through December 2021?**

14 A. O&M expenditures for the CAIR/CAMR CR-Energy (Conditions of  
15 Certification) Program are expected to be \$590,582 or 33% lower than originally  
16 forecasted. This is primarily due to a decrease in the forecasted repairs.

17

18 **Q. Please explain the variance between actual/estimated O&M project**  
19 **expenditures and original projections for MATS CR4&5 (Project 17) for the**  
20 **period January 2021 through December 2021.**

21 A. O&M expenditures for MATS CR 4&5 are expected to be \$115,000 or 32% lower  
22 than forecasted. This is primarily due to a decrease in forecasted repairs.

23

24 **Q. Does this conclude your testimony?**

1 A. Yes.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

TIMOTHY HILL

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 20210007-EI

July 30, 2021

**Q. Please state your name and business address.**

A. My name is Timothy Hill. My business address is 400 South Tryon Street, Charlotte, NC 28202.

**Q. By whom are you employed?**

A. I am employed by Duke Energy Corporation (“Duke Energy”) as Vice President for the Coal Combustion Products (“CCP”) Group – Operations, Maintenance and Governance. Duke Energy Florida, LLC (“DEF” or “the Company”) is a fully owned subsidiary of Duke Energy.

**Q. Have you previously filed testimony before this Commission in Docket No. 20210007-EI?**

A. Yes, I provided direct testimony on April 1, 2021.

**Q. Has your job description, education, background and professional experience changed since that time?**

1 A. Yes. In my new role, I continue to oversee all CCP operations in Florida, but have  
2 expanded that responsibility to all of Duke Energy.

3

4 **Q. What is the purpose of your testimony?**

5 A. The purpose of my testimony is to explain material variances between 2021  
6 actual/estimated cost projections and original 2021 cost projections for  
7 environmental compliance costs associated with DEF's Coal Combustion Residual  
8 ("CCR") Rule compliance project.

9

10 **Q. Please explain the O&M variance between actual/estimated project**  
11 **expenditures and original projections for CCR (Project 18) O&M for the**  
12 **period January 2021 through December 2021.**

13 A. O&M expenditures for CCR are expected to be \$474,478, or 171% higher than  
14 projected. This is primarily due to the reclassification of invoices received in  
15 2020 that were not charged to the ECRC-recoverable portion of this project until  
16 2021, as described in the testimony filed on April 1, 2021, in this Docket. The  
17 remaining portion is due to additional engineering to revise and re-certify the  
18 Landfill Run-On and Run-Off Control Systems ("ROROCS") Plan and perform  
19 the annual landfill inspection as required by the CCR Rule and additional CCR  
20 removal from landfill ditches required, as part of the CCR Ash Landfill Project,  
21 discussed in further detail below.

22

23 **Q. Please explain the Capital variance between actual/estimated project**  
24 **expenditures and original projections for CCR (Project 18) Capital for the**

1 **period January 2021 through December 2021.**

2 A. Capital expenditures for CCR are expected to be \$1,525,036, or 610% higher than  
3 projected. This is primarily due to additional engineering measures required in  
4 the final design of the new, lined, sedimentation basin and ditch area as described  
5 in the testimony filed on April 1, 2021, in this Docket. This project is part of the  
6 groundwater corrective actions required by the Federal CCR Rule and determined  
7 recoverable as part of the CCR Ash Landfill Project discussed below.

8  
9 The initial cost estimate for this project was based on a preliminary design  
10 developed by a feasibility study as part of the CCR Rule's Assessment of  
11 Corrective Measures, which has been provided to the Florida Public Service  
12 Commission ("the Commission") as part of previous testimonies. The final  
13 engineering design of this facility required adding a second impermeable liner, a  
14 cushioning layer, over the liner components and structural fill placement below  
15 the groundwater table resulting in substantial groundwater control measures.  
16 These measures contributed to the increased cost for materials, equipment and  
17 labor. These additional measures also extended the construction duration from  
18 approximately three months to six months, which also contributed to the increased  
19 costs. Additionally, contract bids came in higher-than-originally estimated. The  
20 project is expected to be completed in 2021.

21  
22 **Q. Please provide an update on the CCR Ash Landfill project**

23 A. On July 3, 2019, DEF notified the Commission of a new ECRC project for the  
24 CCR Ash Landfill. In Order PSC-2019-0500-FOF-EI, issued on November 22,

1           2019, the Commission approved the Ash Landfill project as recoverable through  
2           the ECRC. On May 6, 2021, DEF posted the Remedy Selection Final Report to  
3           the publicly accessible CCR Rule Compliance Data and Information website for  
4           the DEF Crystal River Energy Complex. The selected remedies include  
5           remediating the ash landfill perimeter ditches to remove accumulated CCR  
6           materials, constructing a new lined basin / ditch area to prevent future material  
7           accumulation and continued monitoring of natural attenuation. DEF initiated  
8           remediating the ash landfill perimeter ditches and constructing the new lined basin  
9           / ditch area in 2020. DEF expects to complete both remedy components in 2021.

10  
11           DEF will continue to monitor groundwater quality as required in the Federal CCR  
12           Rule and evaluate the effectiveness of the remedies implemented in 2020 and  
13           2021. DEF will update the Commission about this project if additional corrective  
14           actions will be required to meet compliance with the Rule.

15  
16   **Q.    Does this conclude your testimony?**

17   A.    Yes.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION  
DIRECT TESTIMONY OF  
KIM SPENCE McDANIEL  
ON BEHALF OF  
DUKE ENERGY FLORIDA, LLC  
DOCKET NO. 20210007-EI  
July 30, 2021

**Q. Please state your name and business address.**

A. My name is Kim Spence McDaniel. My business address is 299 First Avenue North, St. Petersburg, FL 33701.

**Q. Have you previously filed testimony before this Commission in Docket No. 20210007-EI?**

A. Yes, I provided direct testimony on April 1, 2021.

**Q. Has your job description, education, background and professional experience changed since that time?**

A. No.

**Q. What is the purpose of your testimony?**

A. The purpose of my testimony is to explain material variances between 2021 actual/estimated cost projections and original 2021 cost projections for environmental compliance costs associated with FPSC-approved programs under

1 my responsibility. These programs include the Substation Environmental  
2 Investigation, Remediation and Pollution Prevention Program (Project 1 & 1a),  
3 Distribution System Environmental Investigation, Remediation and Pollution  
4 Prevention Program (Project 2), Pipeline Integrity Management (PIM) (Project  
5 3), Above Ground Secondary Containment (Project 4), Phase II Cooling Water  
6 Intake – 316(b) (Project 6), CAIR/CAMR - Peaking (Project 7.2), Best Available  
7 Retrofit Technology (BART) (Project 7.5), Arsenic Groundwater Standard  
8 (Project 8), Sea Turtle Coastal Street Lighting Program (Project 9), Underground  
9 Storage Tanks (Project 10), Modular Cooling Towers (Project 11), Thermal  
10 Discharge Permanent Cooling Tower (Project 11.1), Greenhouse Gas Inventory  
11 and Reporting (Project 12), Mercury Total Daily Maximum Loads Monitoring  
12 (Project 13), Hazardous Air Pollutants Information Collection Request (ICR)  
13 Program (Project 14), Effluent Limitation Guidelines Program (Project 15.1) and  
14 National Pollutant Discharge Elimination System (“NPDES”) (Project 16) for the  
15 period January 2021 through December 2021.

16  
17 **Q. Please explain the variance between actual/estimated O&M project**  
18 **expenditures and original projections for Substation Environmental**  
19 **Investigation, Remediation and Pollution Prevention Program (Projects 1 &**  
20 **1a) for the period January 2021 through December 2021.**

21 A. Total O&M expenditures for the Transmission and Distribution Substation  
22 Remediation Projects are estimated to be \$2,738 (91%) lower than originally  
23 projected. Project 1, Transmission Substation Remediation, is forecasted to be  
24 \$2,738 lower than originally projected primarily due to final work at the Central

1 Florida and Lake Wales substations being completed sooner than expected. The  
2 final documents for the Central Florida substation, Amended Declaration of  
3 Restrictive Covenant (“DRC”) was recorded by the Sumter County Clerk of Court  
4 in February of this year. No further ECRC-recoverable charges are expected to  
5 be charged to this program.

6 Project 1a, Distribution Substation Remediation, is complete.

7

8 **Q. Please explain the variance between actual/estimated O&M project**  
9 **expenditures and original projections for Phase II Cooling Water Intake**  
10 **316(b) (Projects 6 & 6a) for the period January 2021 through December**  
11 **2021.**

12 A. O&M expenditures for Phase II Cooling Water Intake 316(b) are expected to be  
13 \$5,000 (14%) lower than originally forecasted.

14 Project 6, 316(b) – Base is forecasted to be \$4k, or 80% lower than forecasted.

15 Project 6a, 316(b) – Intermediate is forecasted to be \$1k, or 3% lower than  
16 originally forecasted. These variances are primarily due to a reduced need for  
17 contractor support following the agency review of the 316(b) final report. The  
18 original estimate anticipated a longer period of questions and follow up.

19

20 **Q. Please explain the variance between actual/estimated Capital project**  
21 **expenditures and original projections for Phase II Cooling Water Intake**  
22 **316(b) (Project 6) for the period January 2021 through December 2021.**

23 A. Capital expenditures for Phase II Cooling Water Intake 316(b) are expected to be  
24 approximately \$2,173,607, or 100% higher than originally forecasted. As stated

1 in my July 31, 2020, testimony filed in Docket No. 20200007-EI and my April 1,  
2 2021, testimony filed in this Docket, the computer model Duke Energy Florida,  
3 LLC (“DEF”) utilized to develop the original design at Crystal River North  
4 (“CRN”) did not accurately estimate the expected water flows. The low-flow  
5 resolution requires a modification to the CRN Intake Structure for the continued  
6 use of the existing intake pumps and installation of 316(b) compliant static  
7 screens. This work is expected to be completed this year.

8

9 **Q. Please explain the variance between actual/estimated O&M project**  
10 **expenditures and original projections for Sea Turtle – Coastal Street**  
11 **Lighting (Project 9) for the period January 2021 through December 2021.**

12 A. O&M expenditures for Sea Turtle – Coastal Street Lighting are expected to be  
13 \$600 (100%) lower than forecasted. Turtle nesting season has recently begun and  
14 DEF has not received any new requests from Gulf County or Pinellas County  
15 Code Enforcement for any issues regarding new lighting fixtures; therefore, the  
16 \$600 forecasted for O&M is not expected to be spent.

17

18 **Q. Please explain the variance between actual/estimated Capital project**  
19 **expenditures and original projections for Sea Turtle – Coastal Street**  
20 **Lighting (Project 9) for the period January 2021 through December 2021.**

21 A. Capital expenditures for Sea Turtle – Coastal Street Lighting are expected to be  
22 \$600 (100%) lower than forecasted. Turtle nesting season has recently begun and  
23 DEF has not received any new requests from Gulf County or Pinellas County  
24 Code Enforcement for any issues regarding new lighting fixtures; therefore, the

1           \$600 forecasted for Capital is not expected to be spent.

2

3   **Q.   Please explain the variance between actual/estimated O&M project**  
4           **expenditures and original projections for National Pollutant Discharge**  
5           **Elimination System (NPDES) (Project 16) for the period January 2021**  
6           **through December 2021.**

7   A.   O&M expenditures for NPDES are expected to be \$20,135, or 64% higher than  
8           forecasted. As stated in my April 1, 2020, testimony in this Docket, this is  
9           primarily due to invoices received in 2020 that were not charged to the project  
10          until 2021.

11

12   **Q.   Please provide an update of 316(b) regulations.**

13   A.   The 316(b) rule became effective October 15, 2014, to minimize impingement  
14          and entrainment of fish and aquatic life drawn into cooling systems at power  
15          plants and factories. There are seven pre-approved impingement options.  
16          Entrainment compliance is site specific (mesh screen or closed-cycle cooling).  
17          Legal challenges to the 316(b) rule have so far been unsuccessful. The U.S. Court  
18          of Appeals for the Second Circuit issued an opinion on the consolidated  
19          challenges to the 316(b) Rule for Existing Facilities. The court upheld the Rule,  
20          the National Marine Fisheries Service and the U.S. Fish and Wildlife Service  
21          biological opinions, and the incidental take statement, concluding that each action  
22          was based on reasonable interpretations of the applicable statutes and sufficiently  
23          supported by the adequate record. The court also found the EPA complied with  
24          applicable procedures, including by giving adequate notice of the final rule's

1 provisions to the public.

2

3 The regulation primarily applies to facilities that commenced construction on or  
4 before January 17, 2002, and to new units at existing facilities that are built to  
5 increase the generating capacity of the facility. All facilities that withdraw greater  
6 than 2 million gallons per day from waters of the U.S. and where twenty-five  
7 percent (25%) of the withdrawn water is used for cooling purposes are subject to  
8 the regulation.

9

10 Per the final rule, required 316(b) studies and information submittals will be tied  
11 to NPDES permit renewals. For permits that expire within 45 months of the  
12 effective date of the final rule, certain information must be submitted with the  
13 renewal application. Other information, including field study results, are required  
14 to be submitted pursuant to a schedule included in the re-issued NPDES permit.  
15 Both the Anclote and Bartow stations are within this schedule and the NPDES  
16 permit renewal applications, including the studies and information required under  
17 40 CFR 122.21(r)(2-13) as required by the 316(b) rule of the Clean Water Act,  
18 were submitted to FDEP for Anclote and Bartow in July and August 2020,  
19 respectively. A 316(b) Compliance Plan for Crystal River Units 4 & 5 utilizing  
20 the cooling water blowdown from the Citrus Combined Cycle Station as the  
21 source of make-up water for Crystal River Units 4&5 is being implemented as  
22 part of the current permit renewal for those units.

23

24 For NPDES permits that expire more than 45 months from the effective date of

1 the rule, all information, including study results, is required to be submitted as  
2 part of the renewal application.

3

4 The Bartow Station will require modifications to comply with the 316(b) Rule.  
5 DEF is proposing that the Anclote station can meet 316(b) requirements with  
6 existing infrastructure, but additional studies to demonstrate compliance will  
7 likely be required by the permit. DEF has been conducting 316(b) studies at the  
8 Anclote and Bartow stations, and study results along with proposed compliance  
9 strategies were filed with the Florida Department of Environmental Protection  
10 (“FDEP”) in July and August 2020, respectively as part of the NPDES renewal  
11 process. Proposed compliance strategies for both are being evaluated by FDEP  
12 as part of the NPDES permit renewal.

13

14 The full extent of compliance activities and associated expenditures cannot be  
15 determined until review of the proposed options by FDEP has been completed and  
16 the NPDES permit renewal issued with new compliance requirements and  
17 schedules. While unlikely, it is possible preliminary studies could begin as early  
18 as the fourth quarter of 2021 if final NPDES renewal is issued by FDEP by the  
19 end of this year. Due to the complexity of the 316(b) studies and proposals under  
20 review by the agency, it is difficult to assess the timing or the outcome of the final  
21 NPDES permit renewal.

22

23 DEF will provide the Commission an update on the status of the 316(b) Rule  
24 compliance strategies for the Anclote and Bartow stations in the next available

1 ECRC filing following issuance of the NPDES permit renewal.

2

3 **Q. Please provide an update on Carbon Regulations.**

4 A. For existing Units, on October 23, 2015, EPA published the final New Source  
5 Performance Standards (“NSPS”) for CO<sub>2</sub> emissions from existing fossil fuel-  
6 fired electric generating units (also known as the “Clean Power Plan” or “CPP”).  
7 The final CPP was challenged by 27 states and a number of industry groups, with  
8 oral arguments held before the D.C. Circuit Court of Appeals on September 27,  
9 2016. In addition, on February 8, 2016, the U.S. Supreme Court placed a stay on  
10 the CPP until all litigation is completed.

11

12 Also, on October 23, 2015, the EPA published the final NSPS for CO<sub>2</sub> emissions  
13 for new, modified and reconstructed fossil fuel-fired EGUs. The rule includes  
14 emission limits of 1,400 lb. CO<sub>2</sub>/MWh for new coal-fired units and 1,000 lb.  
15 CO<sub>2</sub>/MWh for new natural gas combined-cycle units. This rule has also been  
16 challenged and is currently on appeal to the D.C. Circuit Court of Appeals.

17

18 On March 28, 2017, the president signed an Executive Order (“EO”) entitled  
19 “Promoting Energy Independence and Economic Growth.” The EO directs  
20 federal agencies to “immediately review existing regulations that potentially  
21 burden the development or use of domestically-produced energy resources and  
22 appropriately suspend, revise, or rescind those that unduly burden the  
23 development of domestic energy resources.” The EO specifically directs the EPA  
24 to review the following rules and determine whether to suspend, revise or rescind

1 those rules:

- 2 • The final CO<sub>2</sub> emission standards for existing power plants (CPP);
- 3 • The final CO<sub>2</sub> emission standards for new power plants (CO<sub>2</sub> NSPS); and
- 4 • The proposed Federal Plan and Model Trading Rules that accompanied  
5 the CPP.

6

7 In response to the EO, the Department of Justice filed motions with the D.C.  
8 Circuit Court to stay the litigation of both the CPP and the CO<sub>2</sub> NSPS rules while  
9 each is reviewed by EPA. As a result, the D.C. Circuit has granted a number of  
10 60-day extensions holding the CPP litigation in abeyance. The most recent  
11 extension was issued on June 20, 2019. Neither the EO nor the abeyance change  
12 the current status of the CPP which is under a legal hold by the U.S. Supreme  
13 Court. With regard to the CO<sub>2</sub> NSPS, on December 6, 2018, EPA proposed to  
14 revise the NSPS for greenhouse gas emissions from new, modified, and  
15 reconstructed fossil fuel-fired power plants. After further analysis and review,  
16 EPA proposes to determine that the best system of emission reduction (“BSER”)  
17 for newly constructed coal-fired units is the most efficient demonstrated steam  
18 cycle in combination with the best operating practices. EPA did not propose to  
19 amend the standards of performance for newly constructed or reconstructed  
20 stationary combustion turbines. In January 2021, EPA issued a clear framework  
21 for determining when standards are appropriate for GHG emissions from  
22 stationary source categories under Clean Air Act (“CAA”), section  
23 111(b)(1)(A). EPA did not take final action to revise the BSER in the 2018  
24 proposal. On March 17, 2021, in line with President Biden’s Executive Order

1 13990 on “Protecting Public Health and the Environment and Restoring Science  
2 to Tackle the Climate Crisis,” EPA asked the D.C. Circuit to vacate and remand  
3 the “significant contribution” final rule. The rule was promulgated without public  
4 notice or opportunity to comment. On April 5, 2021, the D.C. Circuit vacated and  
5 remanded the January 2021 final rule noted above.

6  
7 On June 19, 2019, EPA issued the Affordable Clean Energy rule (“ACE”), an  
8 effort to provide existing coal-fired electric utility generating units, or EGUs, with  
9 achievable and realistic standards for reducing greenhouse gas (“GHG”)  
10 emissions. This action was finalized in conjunction with two related, but separate  
11 and distinct, rulemakings: (1) The repeal of the CPP and (2) Revised  
12 implementing regulations for ACE, ongoing emission guidelines, and all future  
13 emission guidelines for existing sources issued under the authority of CAA,  
14 section 111(d). On January 19, 2021, the court vacated the ACE rule and  
15 remanded it back to EPA. Vacatur means that the rule will no longer be in effect  
16 once the Mandate is issued; the Mandate is the court’s directive to enforce its  
17 decision. On February 22, 2021, the court granted EPA’s motion to withhold  
18 issuance of the mandate with respect to the vacatur of the CPP Repeal Rule until  
19 the EPA responds to the court’s remand in a new rulemaking action. No party  
20 filed for Rehearing regarding the court’s January 19th decision. Accordingly, on  
21 March 5, 2021, the court issued the Partial Mandate to EPA, officially vacating  
22 the ACE rule, but withholding the mandate regarding the CPP repeal. Currently,  
23 neither the ACE rule nor Clean Power Plan rule are in effect. Several parties have  
24 petitioned asking the Supreme Court to review this case.

1 **Q. Please provide an update on the Waters of the United States (“WOTUS”)**  
2 **Rule.**

3 A. On June 29, 2015, the EPA and the Army Corps of Engineers (“Corps”) published  
4 the final Clean Water Rule that significantly expands the definition of the Waters  
5 of the United States (“WOTUS”). On October 9, 2015, the U.S. Court of Appeals  
6 for the Sixth Circuit granted a nationwide stay of the rule effective through the  
7 conclusion of the judicial review process. On February 22, 2016, the court issued  
8 an opinion that it has jurisdiction and is the appropriate venue to hear the merits  
9 of legal challenges to the rule; however, that decision was contested, and on  
10 January 13, 2017, the U.S. Supreme Court decided to review the jurisdictional  
11 question. Oral arguments in the U.S. Supreme Court were conducted on October  
12 2017. On January 22, 2018, the U.S. Supreme Court issued its decision stating  
13 federal courts, rather than federal appellate courts, have jurisdiction over  
14 challenges to the rule defining WOTUS. Consistent with the U.S. Supreme Court  
15 decision, the U.S. Court of Appeals for the Sixth Circuit lifted its nationwide stay  
16 on February 28, 2018. The stay issued by the North Dakota District Court remains  
17 in effect, but only within the thirteen states within the North Dakota District. On  
18 June 8, 2018, the Southern District Georgia Court entered a Preliminary  
19 Injunction enjoining implementation of the WOTUS rule in eleven states  
20 including Florida.

21  
22 On June 27, 2017, the EPA and the Corps published a proposed rule to repeal the  
23 2015 WOTUS rule and re-codify the definition of WOTUS which is currently in  
24 place. On January 31, 2018, the EPA and Corps announced a final rule adding an

1 applicability date to the 2015 rule, thereby deferring implementation to early  
2 2020. This rule has no immediate impact to DEF. The agencies will continue to  
3 apply the pre-existing WOTUS definition that was in place prior to 2015 rule until  
4 2020. EPA and Corps published a final rule, “Navigable Waters Protection Rule:  
5 Definition of ‘Waters of the United States’ (“NWPR”), on April 21, 2020, which  
6 became in effect on June 22, 2020. This final rule has no immediate impact to  
7 DEF. On June 9, 2021, the U.S. Environmental Protection Agency and the U.S.  
8 Army Corps of Engineers (“Agencies”) filed in the U.S. District Court for the  
9 District of Massachusetts a motion seeking a remand, without vacatur, of the  
10 NWPR. The Agencies requested the remand in conjunction with their  
11 forthcoming rulemaking to revise or replace the NWPR. If the court grants the  
12 Agencies’ motion, the NWPR will remain in place for the duration of the new  
13 rulemaking process. The case is *Conservation Law Foundation v. EPA*, No. 1:20-  
14 cv-10820 (D. Mass.).

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**Q. Does this conclude your testimony?**

A. Yes.