

AUSLEY McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

November 26, 2018
ELECTRONIC FILING

Ms. Carlotta Stauffer, Director
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850


Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor FPSC Docket No. 20180001-EI

Dear Ms. Stauffer:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of October 2018.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/ne

Attachment

cc: All Parties of Record (w/attachment)
Michael Barrett (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 26th day of November, 2018 to the following:

Ms. Suzanne Brownless
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us

Ms. Patricia A. Christensen
Associate Public Counsel
Office of Public Counsel
111 West Madison Street – Room 812
Tallahassee, FL 32399-1400
christensen.patty@leg.state.fl.us

Ms. Dianne M. Triplett
Duke Energy Florida, Inc.
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com

Mr. Matthew R. Bernier
Senior Counsel
Duke Energy Florida, Inc.
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com

Mr. Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

C. Shane Boyett
Regulatory & Cost Recovery Manager
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780
csboyett@southernco.com

Ms. Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

Mr. John T. Butler
Maria Moncada
Assistant General Counsel – Regulatory
Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
john.butler@fpl.com
maria.moncada@fpl.com

Mr. Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

Mr. Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

Mr. Jeffrey A. Stone
General Counsel
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100
jastone@southernco.com

Mr. Robert Scheffel Wright
Mr. John T. LaVia, III
Gardner, Bist, Wiener, Wadsworth,
Bowden, Bush, Dee, LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
Schef@gbwlegal.com
Jlavia@gbwlegal.com

Mr. Russell A. Badders
Mr. Steven R. Griffin
Beggs & Lane
Post Office Box 12950
Pensacola, FL 32591
rab@beggslane.com
srg@beggslane.com

Mr. James W. Brew
Ms. Laura A. Wynn
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@smxblaw.com
laura.wynn@smxblaw.com



ATTORNEY



TAMPA ELECTRIC COMPANY
TABLE OF CONTENTS

1. Schedule A1 - A9 & A12	October 2018	16 Pages
2. List of Acronyms		1 Page

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	53,472,388	50,276,622	3,195,766	6.4%	1,714,790	1,693,680	21,110	1.2%	3.11831	2.96848	0.14982	5.0%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	390,399	397,535	(7,136)	-1.8%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	53,862,787	50,674,157	3,188,630	6.3%	1,714,790	1,693,680	21,110	1.2%	3.14107	2.99196	0.14912	5.0%
6. Fuel Cost of Purchased Power - Firm (A7)	142,389	362,720	(220,331)	-60.7%	2,637	9,430	(6,793)	-72.0%	5.39966	3.84645	1.55321	40.4%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	4,429,376	870,580	3,558,796	408.8%	126,614	27,710	98,904	356.9%	3.49833	3.14175	0.35658	11.3%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	428,142	241,610	186,532	77.2%	17,584	7,550	10,034	132.9%	2.43484	3.20013	(0.76529)	-23.9%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	4,999,907	1,474,910	3,524,997	239.0%	146,835	44,690	102,145	228.6%	3.40512	3.30031	0.10481	3.2%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,861,625	1,738,370	123,255	7.1%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	65,201	19,050	46,151	242.3%	2,850	720	2,130	295.8%	2.28775	2.64583	(0.35808)	-13.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	7,325	0	7,325	0.0%	351	0	351	0.0%	2.08689	0.00000	2.08689	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	199,186	40,005	159,181	397.9%	6,871	1,130	5,741	508.1%	2.89894	3.54027	(0.64133)	-18.1%
18. Gains on Sales	83,131	5,300	77,831	1468.5%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	354,843	64,355	290,488	451.4%	10,072	1,850	8,222	444.4%	3.52306	3.47865	0.04442	1.3%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(346)	0	(346)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					4,559	0	4,559	0.0%				
22. Interchange and Wheeling Losses					4,793	(47)	4,840	-10291.2%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	58,507,851	52,084,712	6,423,139	12.3%	1,850,973	1,736,567	114,406	6.6%	3.16092	2.99929	0.16163	5.4%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(2,580,009) (a)	(1,760,914) (a)	(819,095)	46.5%	(81,622)	(58,711)	(22,911)	39.0%	3.16092	2.99929	0.16163	5.4%
25. Company Use	108,167 (a)	86,979 (a)	21,188	24.4%	3,422	2,900	522	18.0%	3.16093	2.99928	0.16165	5.4%
26. T & D Losses	2,499,596 (a)	1,320,109 (a)	1,179,487	89.3%	79,078	44,014	35,064	79.7%	3.16092	2.99929	0.16163	5.4%
27. System KWH Sales	58,507,851	52,084,712	6,423,139	12.3%	1,850,095	1,748,364	101,731	5.8%	3.16242	2.97905	0.18337	6.2%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	58,507,851	52,084,712	6,423,139	12.3%	1,850,095	1,748,364	101,731	5.8%	3.16242	2.97905	0.18337	6.2%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	58,507,851	52,084,712	6,423,139	12.3%	1,850,095	1,748,364	101,731	5.8%	3.16242	2.97905	0.18337	6.2%
32. Adjustment - Jan thru Apr 2018 Adj for Big Bend and Polk Assets Due to Tax Reform Including Interest	0	0	0	0.0%	1,850,095	1,748,364	101,731	5.8%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(1,423,428)	(1,423,428)	0	0.0%	1,850,095	1,748,364	101,731	5.8%	(0.07694)	(0.08141)	0.00448	-5.5%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	57,084,423	50,661,284	6,423,139	12.7%	1,850,095	1,748,364	101,731	5.8%	3.08549	2.89764	0.18785	6.5%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	57,125,524	50,697,760	6,427,764	12.7%	1,850,095	1,748,364	101,731	5.8%	3.08771	2.89973	0.18798	6.5%
37. GPIF * (Already Adjusted for Taxes)	3,949	3,949	0	0.0%	1,850,095	1,748,364	101,731	5.8%	0.00021	0.00023	(0.00001)	-5.5%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	57,129,473	50,701,709	6,427,764	12.7%	1,850,095	1,748,364	101,731	5.8%	3.08792	2.89996	0.18797	6.5%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.088	2.900	0.188	6.5%

* Based on Jurisdictional Sales (a) included for informational purposes only

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH: October 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	526,668,497	519,232,832	7,435,665	1.4%	16,832,131	17,192,250	(360,119)	-2.1%	3.12895	3.02016	0.10879	3.6%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	4,042,506	4,090,361	(47,855)	-1.2%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	1,650,329	1,650,886	(557)	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	532,361,332	524,974,079	7,387,253	1.4%	16,832,131	17,192,250	(360,119)	-2.1%	3.16277	3.05355	0.10922	3.6%
6. Fuel Cost of Purchased Power - Firm (A7)	4,114,050	2,120,020	1,994,030	94.1%	82,955	53,790	29,165	54.2%	4.95938	3.94129	1.01809	25.8%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	34,782,752	8,400,300	26,382,452	314.1%	911,909	264,580	647,329	244.7%	3.81428	3.17496	0.63932	20.1%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	3,519,176	2,168,820	1,350,356	62.3%	147,946	75,140	72,806	96.9%	2.37869	2.88637	(0.50768)	-17.6%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	42,415,978	12,689,140	29,726,838	234.3%	1,142,810	393,510	749,300	190.4%	3.71155	3.22460	0.48695	15.1%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					17,974,941	17,585,760	389,181	2.2%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	466,638	238,650	227,988	95.5%	21,233	9,100	12,133	133.3%	2.19770	2.62253	(0.42483)	-16.2%
15. Fuel Cost of Sch. C/CB Sales (A6)	105,340	0	105,340	0.0%	5,866	0	5,866	0.0%	1.79577	0.00000	1.79577	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	6,281,701	313,567	5,968,134	1903.3%	241,069	10,120	230,949	2282.1%	2.60577	3.09849	(0.49272)	-15.9%
18. Gains on Sales	2,500,477	47,618	2,452,859	5151.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	9,354,156	599,835	8,754,321	1459.5%	268,168	19,220	248,948	1295.3%	3.48817	3.12089	0.36728	11.8%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(92)	0	(92)	0.0%				
21. Wheeling Rec'd. less Wheeling Deliv'd.					40,879	0	40,879	0.0%				
22. Interchange and Wheeling Losses					46,487	(518)	47,005	-9069.9%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	565,423,154	537,063,384	28,359,770	5.3%	17,701,073	17,567,058	134,015	0.8%	3.19429	3.05722	0.13707	4.5%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	4,374,049 (a)	1,791,888 (a)	2,582,161	144.1%	145,174	64,265	80,909	125.9%	3.01297	2.78828	0.22469	8.1%
25. Company Use	1,050,035 (a)	891,937 (a)	158,098	17.7%	32,770	29,000	3,770	13.0%	3.20426	3.07564	0.12861	4.2%
26. T & D Losses	28,953,387 (a)	25,036,513 (a)	3,916,874	15.6%	906,064	822,646	83,418	10.1%	3.19551	3.04341	0.15210	5.0%
27. System KWH Sales	565,423,154	537,063,384	28,359,770	5.3%	16,617,065	16,651,147	(34,082)	-0.2%	3.40267	3.22538	0.17728	5.5%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	565,423,154	537,063,384	28,359,770	5.3%	16,617,065	16,651,147	(34,082)	-0.2%	3.40267	3.22538	0.17728	5.5%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	565,423,154	537,063,384	28,359,770	5.3%	16,617,065	16,651,147	(34,082)	-0.2%	3.40267	3.22538	0.17728	5.5%
32. Adjustments - Schedule A2, page 2, lines 6c, 7a and 8b	147,348	0	147,348	0.0%	16,617,065	16,651,147	(34,082)	-0.2%	0.00089	0.00000	0.00089	0.0%
33. True-up *	(14,234,280)	(14,234,280)	0	0.0%	16,617,065	16,651,147	(34,082)	-0.2%	(0.08566)	(0.08549)	(0.00018)	0.2%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	551,336,222	522,829,104	28,507,118	5.5%	16,617,065	16,651,147	(34,082)	-0.2%	3.31789	3.13990	0.17799	5.7%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	551,733,184	523,205,540	28,527,644	5.5%	16,617,065	16,651,147	(34,082)	-0.2%	3.32028	3.14216	0.17812	5.7%
37. GPIF * (Already Adjusted for Taxes)	39,490	39,490	0	0.0%	16,617,065	16,651,147	(34,082)	-0.2%	0.00024	0.00024	0.00000	0.2%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	551,772,674	523,245,030	28,527,644	5.5%	16,617,065	16,651,147	(34,082)	-0.2%	3.32052	3.14240	0.17812	5.7%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.321	3.142	0.179	5.7%

* Based on Jurisdictional Sales (a) included for informational purposes only

2

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
A. FUEL COST & NET POWER TRANSACTION									
1. FUEL COST OF SYSTEM NET GENERATION	53,472,388	50,276,622	3,195,766	6.4%	526,668,497	519,232,832	7,435,665	1.4%	
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%	
2. FUEL COST OF POWER SOLD	271,712	59,055	212,657	360.1%	6,853,679	552,217	6,301,462	1141.1%	
2a. GAINS FROM SALES	83,131	5,300	77,831	1468.5%	2,500,477	47,618	2,452,859	5151.1%	
3. FUEL COST OF PURCHASED POWER	142,389	362,720	(220,331)	-60.7%	4,114,050	2,120,020	1,994,030	94.1%	
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%	
3b. PAYMENT TO QUALIFIED FACILITIES	428,142	241,610	186,532	77.2%	3,519,176	2,168,820	1,350,356	62.3%	
4. ENERGY COST OF ECONOMY PURCHASES	4,429,376	870,580	3,558,796	408.8%	34,782,752	8,400,300	26,382,452	314.1%	
5. TOTAL FUEL & NET POWER TRANSACTION	58,117,452	51,687,177	6,430,275	12.4%	559,730,319	531,322,137	28,408,182	5.3%	
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	390,399	397,535	(7,136)	-1.8%	4,042,506	4,090,361	(47,855)	-1.2%	
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	0	0	0	0.0%	1,650,329	1,650,886	(557)	0.0%	
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	58,507,851	52,084,712	6,423,139	12.3%	565,423,154	537,063,384	28,359,770	5.3%	
B. MWH SALES									
1. JURISDICTIONAL SALES	1,850,095	1,748,364	101,731	5.8%	16,617,065	16,651,147	(34,082)	-0.2%	
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%	
3. TOTAL SALES	1,850,095	1,748,364	101,731	5.8%	16,617,065	16,651,147	(34,082)	-0.2%	
4. JURISDIC. SALES-% TOTAL MWH SALES	1.0000000	1.0000000	0.0000000	0.0%	1.0000000	1.0000000	0.0000000	0.0%	

3

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	58,301,312	54,765,312	3,536,000	6.5%	519,699,898	521,153,598	(1,453,700)	-0.3%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	1,423,428	1,423,428	0	0.0%	14,234,280	14,234,280	0	0.0%	
2b. INCENTIVE PROVISION	(3,949)	(3,949)	0	0.0%	(39,490)	(39,490)	0	0.0%	
2c. ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>59,720,791</u>	<u>56,184,791</u>	<u>3,536,000</u>	<u>6.3%</u>	<u>533,894,688</u>	<u>535,348,388</u>	<u>(1,453,700)</u>	<u>-0.3%</u>	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	58,507,851	52,084,712	6,423,139	12.3%	565,423,154	537,063,384	28,359,770	5.3%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	<u>1.0000000</u>	<u>1.0000000</u>	<u>0.0000000</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	58,507,851	52,084,712	6,423,139	12.3%	565,423,154	537,063,384	28,359,770	5.3%	
6a. JURISDIC. LOSS MULTIPLIER	<u>1.00000</u>	<u>1.00000</u>	<u>0.00000</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6b. (LINE C6 x LINE C6a)	58,507,851	52,084,712	6,423,139	12.3%	565,423,154	537,063,384	28,359,770	5.3%	
6c. ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	<u>58,507,851</u>	<u>52,084,712</u>	<u>6,423,139</u>	<u>12.3%</u>	<u>565,423,154</u>	<u>537,063,384</u>	<u>28,359,770</u>	<u>5.3%</u>	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	1,212,940	4,100,079	(2,887,139)	-70.4%	(31,528,466)	(1,714,996)	(29,813,470)	1738.4%	
7a. ADJ-BB UNIT 2 OUTAGE REPLACEMENT POWER COST T-Up	0	0	0	0.0%	(190,412)	0	(190,412)	0.0%	
8. INTEREST PROVISION FOR THE MONTH	(40,337)	(346)	(39,991)	11558.1%	(89,569)	17,096	(106,665)	-623.9%	
8a. ADJ-DEC 2017 INTEREST ADJUSTMENT FOR BB UNIT 2 OUTAGE REPLACEMENT POWER COST	0	0	0	0.0%	2,670	0	2,670	0.0%	
8b. ADJ - JAN THRU APR 2018 ADJUSTMENT FOR BIG BEND AND POLK ASSETS DUE TO TAX REFORM INCLUDING INTEREST	0	0	0	0.0%	43,064	0	43,064	0.0%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(21,465,124)	(1,527,348)	(19,937,776)	1305.4%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	<u>(1,423,428)</u>	<u>(1,423,428)</u>	<u>0</u>	<u>0.0%</u>	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	<u>(21,715,949)</u>	<u>1,148,957</u>	<u>(22,864,906)</u>	<u>-1990.1%</u>	-----NOT APPLICABLE-----				

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	(21,465,124)	(1,527,348)	(19,937,776)	1305.4%				NOT APPLICABLE
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>(21,675,612)</u>	<u>1,149,303</u>	<u>(22,824,915)</u>	<u>-1986.0%</u>				NOT APPLICABLE
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(43,140,736)</u>	<u>(378,045)</u>	<u>(42,762,691)</u>	<u>11311.5%</u>				NOT APPLICABLE
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(21,570,368)	(189,023)	(21,381,345)	11311.5%				NOT APPLICABLE
5. INT. RATE-FIRST DAY REP. BUS. MONTH	2.210	2.200	0.010	0.5%				NOT APPLICABLE
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>2.270</u>	<u>2.200</u>	<u>0.070</u>	<u>3.2%</u>				NOT APPLICABLE
7. TOTAL (LINE D5 + LINE D6)	<u>4.480</u>	<u>4.400</u>	<u>0.080</u>	<u>1.8%</u>				NOT APPLICABLE
8. AVERAGE INT. RATE (50% OF LINE D7)	2.240	2.200	0.040	1.8%				NOT APPLICABLE
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.187	0.183	0.004	2.2%				NOT APPLICABLE
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(40,337)</u>	<u>(346)</u>	<u>(39,991)</u>	<u>11558.1%</u>				NOT APPLICABLE

5

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
FUEL COST OF SYSTEM NET GENERATION (\$)								
1 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
2 LIGHT OIL	21,881	66,291	(44,410)	-67.0%	51,583	581,323	(529,740)	-91.1%
3 COAL	5,947,861	13,013,277	(7,065,416)	-54.3%	117,501,818	140,851,384	(23,349,566)	-16.6%
4 NATURAL GAS	47,502,646	37,197,054	10,305,592	27.7%	409,115,096	377,800,125	31,314,971	8.3%
5 SOLAR	0	0	0	0.0%	0	0	0	0.0%
6 OTHER	0	0	0	0.0%	0	0	0	0.0%
7 TOTAL (\$)	53,472,388	50,276,622	3,195,766	6.4%	526,668,497	519,232,832	7,435,665	1.4%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	92	280	(188)	-67.1%	173	2,460	(2,287)	-93.0%
10 COAL	184,401	404,900	(220,499)	-54.5%	3,307,869	4,507,590	(1,199,721)	-26.6%
11 NATURAL GAS	1,509,157	1,258,190	250,967	19.9%	13,452,707	12,588,640	864,067	6.9%
12 SOLAR	21,140	30,310	(9,170)	-30.3%	71,382	93,560	(22,178)	-23.7%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,714,790	1,693,680	21,110	1.2%	16,832,131	17,192,250	(360,119)	-2.1%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	172	520	(348)	-66.9%	405	4,560	(4,155)	-91.1%
17 COAL (TON)	79,567	174,790	(95,223)	-54.5%	1,507,795	1,935,810	(428,015)	-22.1%
18 NATURAL GAS (MCF)	11,672,897	9,360,880	2,312,017	24.7%	101,804,428	90,844,010	10,960,418	12.1%
19 SOLAR (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
20 OTHER (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
BTUS BURNED (MMBTU)								
21 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
22 LIGHT OIL	0	2,960	(2,960)	-100.0%	1,349	26,480	(25,131)	-94.8%
23 COAL	1,799,487	4,211,090	(2,411,603)	-57.3%	36,211,013	46,674,730	(10,463,717)	-22.4%
24 NATURAL GAS	11,918,028	9,577,140	2,340,888	24.4%	103,983,056	93,072,590	10,910,466	11.7%
25 SOLAR	0	0	0	0.0%	0	0	0	0.0%
26 OTHER	0	0	0	0.0%	0	0	0	0.0%
27 TOTAL (MMBTU)	13,717,515	13,791,190	(73,675)	-0.5%	140,195,418	139,773,800	421,618	0.3%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.01%	0.02%	-0.01%	-67.5%	0.00%	0.01%	-0.01%	-92.8%
30 COAL	10.75%	23.91%	-13.15%	-55.0%	19.65%	26.22%	-6.57%	-25.0%
31 NATURAL GAS	88.01%	74.29%	13.72%	18.5%	79.92%	73.22%	6.70%	9.2%
32 SOLAR	1.23%	1.79%	-0.56%	-31.1%	0.42%	0.54%	-0.12%	-22.1%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	127.22	127.48	(0.27)	-0.2%	127.37	127.48	(0.12)	-0.1%
37 COAL (\$/TON)	74.75	74.45	0.30	0.4%	77.93	72.76	5.17	7.1%
38 NATURAL GAS (\$/MCF)	4.07	3.97	0.10	2.4%	4.02	4.16	(0.14)	-3.4%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	0.00	22.40	(22.40)	-100.0%	38.24	21.95	16.28	74.2%
43 COAL	3.31	3.09	0.22	7.0%	3.24	3.02	0.23	7.5%
44 NATURAL GAS	3.99	3.88	0.10	2.6%	3.93	4.06	(0.12)	-3.1%
45 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
46 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
47 TOTAL (\$/MMBTU)	3.90	3.65	0.25	6.9%	3.76	3.71	0.04	1.1%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
BTU BURNED PER KWH (BTU/KWH)								
48 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
49 LIGHT OIL	0	10,571	(10,571)	-100.0%	7,798	10,764	(2,966)	-27.6%
50 COAL	9,759	10,400	(641)	-6.2%	10,947	10,355	592	5.7%
51 NATURAL GAS	7,897	7,612	285	3.7%	7,730	7,393	337	4.6%
52 SOLAR	0	0	0	0.0%	0	0	0	0.0%
53 OTHER	0	0	0	0.0%	0	0	0	0.0%
54 TOTAL (BTU/KWH)	8,000	8,143	(143)	-1.8%	8,329	8,130	199	2.4%
GENERATED FUEL COST PER KWH (cents/KWH)								
55 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
56 LIGHT OIL	23.78	23.68	0.10	0.4%	29.82	23.63	6.19	26.2%
57 COAL	3.23	3.21	0.02	0.6%	3.55	3.12	0.43	13.8%
58 NATURAL GAS	3.15	2.96	0.19	6.4%	3.04	3.00	0.04	1.3%
59 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
60 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 TOTAL (cents/KWH)	3.12	2.97	0.15	5.1%	3.13	3.02	0.11	3.6%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	264	22.2	-	43.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,482	24.2	-	52.7	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	178	15.9	-	34.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	8,981	17.2	-	37.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	8,235	14.9	-	32.7	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	167.2	21,140	17.0	-	33.4	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	305	66,020	29.1	95.5	47.5	-	GAS	761,211	1,021,000	777,196.8	3,078,409	4.66	4.04
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	66,020	29.1	95.5	47.5	11,772	-	-	-	777,196.8	3,078,409	4.66	-
B.B.#2 (GAS)	340	61,799	24.4	100.0	38.2	-	GAS	742,066	1,021,000	757,649.2	3,000,981	4.86	4.04
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	61,799	24.4	100.0	38.2	12,260	-	-	-	757,649.2	3,000,981	4.86	-
B.B.#3 (GAS)	345	106,431	41.5	90.4	56.5	-	GAS	1,161,912	1,021,000	1,186,312.3	4,698,878	4.41	4.04
B.B.#3 (COAL)	345	0	0.0	90.4	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	106,431	41.5	90.4	56.5	11,146	-	-	-	1,186,312.3	4,698,878	4.41	-
B.B.#4 (GAS)	185	5,607	4.1	99.3	42.1	-	GAS	53,544	1,021,000	54,668.4	216,535	3.86	4.04
B.B.#4 (COAL)	437	186,957	57.5	81.0	79.5	-	COAL	79,567	22,616,000	1,799,487.3	5,807,088	3.11	72.98
BIG BEND #4 TOTAL	437	192,564	59.2	81.0	72.2	9,629	-	-	-	1,854,155.7	6,023,623	3.13	-
B.B. IGNITION	-	-	-	-	-	-	GAS	22,313	1,021,000	22,782.0	90,238	-	4.04
BIG BEND 1-4 COAL TOTAL	437	186,957	57.5	81.0	79.5	9,625	COAL	79,567	22,616,000	1,799,487.3	5,807,088	3.11	72.98
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	56	(78)	0.0	47.8	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND CT #4 TOTAL	56	(78)	0.0	47.8	0.0	0	-	-	-	0.0	0	0.00	-
BIG BEND STATION TOTAL	1,483	426,736	38.7	89.3	47.1	10,722	-	-	-	4,575,314.0	16,892,129	3.96	-
POLK #1 GASIFIER	245	(2,556)	0.0	0.0	0.0	0	COAL	0	0	0.0	50,535	(1.98)	0.00
POLK #1 CT (GAS)	195	(32)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #1 TOTAL	245	(2,588)	0.0	0.0	0.0	0	-	-	-	0.0	50,535	(1.95)	-
POLK #2 ST DUCT FIRING	120	21,353	23.9	-	88.7	4,899	GAS	102,449	1,021,000	104,600.0	710,461	3.33	6.93
POLK #2 ST W/O DUCT FIRING	341	228,386	90.0	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	249,739	72.8	95.1	72.8	-	GAS	-	-	104,600.0	710,461	0.28	-
POLK #2 CT (GAS)	150	100,269	89.8	99.5	93.6	11,172	GAS	1,097,186	1,021,000	1,120,227.0	4,437,121	4.43	4.04
POLK #2 CT (OIL)	159	92	0.1	99.5	0.0	0	LGT.OIL	172	0	0.0	21,881	23.78	127.48
POLK #2 TOTAL	150	100,361	89.9	99.5	93.7	11,162	-	-	-	1,120,227.0	4,459,002	4.44	-
POLK #3 CT (GAS)	150	101,450	90.9	100.0	97.5	10,916	GAS	1,084,650	1,021,000	1,107,427.0	4,386,421	4.32	4.04
POLK #3 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	101,450	90.9	100.0	97.5	10,916	-	-	-	1,107,427.0	4,386,421	4.32	-
POLK #4 (GAS)	150	103,164	92.4	100.0	97.6	10,813	GAS	1,092,611	1,021,000	1,115,556.0	4,418,620	4.28	4.04
POLK #5 (GAS)	150	84,007	75.3	79.3	98.2	10,811	GAS	889,507	1,021,000	908,187.0	3,597,249	4.28	4.04
POLK #2 CC TOTAL	1,061	638,721	80.9	94.9	85.8	6,820	GAS	-	-	4,355,997.0	17,571,753	2.75	-
POLK STATION TOTAL	1,306	636,133	65.5	77.1	69.4	6,848	-	-	-	4,355,997.0	17,622,288	2.77	-

**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018**

SCHEDULE A4
PAGE 2 OF 2

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	76,239	44.0	77.4	56.0	-		-	-	-	-	-	-
BAYSIDE CT1A	156	50,447	43.5	71.9	78.3	11,667	GAS	576,464	1,021,000	588,570.0	2,332,141	4.62	4.05
BAYSIDE CT1B	156	37,022	31.9	71.5	82.9	11,821	GAS	428,639	1,021,000	437,640.0	1,734,101	4.68	4.05
BAYSIDE CT1C	156	54,060	46.6	80.0	77.6	11,601	GAS	614,253	1,021,000	627,152.0	2,485,020	4.60	4.05
BAYSIDE UNIT 1 TOTAL	701	217,768	41.8	77.9	53.4	7,592	GAS	1,619,356	1,021,000	1,653,362.0	6,551,262	3.01	4.05
BAYSIDE ST 2	305	144,869	63.8	94.5	63.8	-		-	-	-	-	-	-
BAYSIDE CT2A	156	49,591	42.7	98.8	80.4	11,419	GAS	554,653	1,021,000	566,301.0	2,243,903	4.52	4.05
BAYSIDE CT2B	156	55,410	47.7	100.0	82.1	11,658	GAS	632,660	1,021,000	645,946.0	2,559,488	4.62	4.05
BAYSIDE CT2C	156	69,939	60.3	78.2	80.0	11,826	GAS	810,077	1,021,000	827,088.0	3,277,246	4.69	4.05
BAYSIDE CT2D	156	92,420	79.6	100.0	79.6	11,726	GAS	1,061,427	1,021,000	1,083,717.0	4,294,107	4.65	4.05
BAYSIDE UNIT 2 TOTAL	929	412,229	59.6	98.2	59.6	7,576	GAS	3,058,817	1,021,000	3,123,052.0	12,374,744	3.00	4.05
BAYSIDE UNIT 3 TOTAL	56	83	0.2	100.0	68.4	14,398	GAS	1,170	1,021,000	1,195.0	4,735	5.70	4.05
BAYSIDE UNIT 4 TOTAL	56	49	0.1	94.6	65.6	13,714	GAS	658	1,021,000	672.0	2,663	5.43	4.05
BAYSIDE UNIT 5 TOTAL	56	280	0.7	100.0	75.8	12,336	GAS	3,383	1,021,000	3,454.0	6,859	2.45	2.03
BAYSIDE UNIT 6 TOTAL	56	372	0.9	92.5	83.6	12,013	GAS	4,377	1,021,000	4,469.0	17,708	4.76	4.05
BAYSIDE STATION TOTAL	1,854	630,781	45.7	90.4	45.7	7,588	GAS	4,687,761	1,021,000	4,786,204.0	18,957,971	3.01	4.04
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,810	1,714,790	47.9	86.3	52.5	8,000	-	-	-	13,717,515.0	53,472,388	3.12	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

Footnotes:

CC = COMBINED CYCLE
ST = STEAM TURBINE
⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Station Service

⁽⁴⁾ Includes adjustment to Polk Coal of \$50,534.68 for the months of July 2018 through September 2018.

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018**

SCHEDULE A5
PAGE 1 OF 2

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
HEAVY OIL									
1 PURCHASES:									
2 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
3 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
4 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
5 BURNED:									
6 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
7 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
8 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
9 ENDING INVENTORY:									
10 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
11 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
12 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
13									
14 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-	
LIGHT OIL⁽¹⁾									
15 PURCHASES:									
16 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%	
17 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
18 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	
19 BURNED:									
20 UNITS (BBL)	172	520	(348)	-66.9%	405	4,560	(4,155)	-91.1%	
21 UNIT COST (\$/BBL)	127.22	127.48	(0.27)	-0.2%	127.37	127.48	(0.12)	-0.1%	
22 AMOUNT (\$)	21,881	66,291	(44,410)	-67.0%	51,583	581,323	(529,740)	-91.1%	
23 ENDING INVENTORY:									
24 UNITS (BBL)	43,998	37,248	6,750	18.1%	43,998	37,248	6,750	18.1%	
25 UNIT COST (\$/BBL)	127.48	127.48	0.00	0.0%	127.48	127.48	0.00	0.0%	
26 AMOUNT (\$)	5,609,055	4,748,486	860,569	18.1%	5,609,055	4,748,486	860,569	18.1%	
27									
28 DAYS SUPPLY: NORMAL	2,974	2,518	456	20.0%	-	-	-	-	
29 DAYS SUPPLY: EMERGENCY	6	5	1	20.0%	-	-	-	-	
COAL⁽²⁾									
30 PURCHASES:									
31 UNITS (TONS)	99,070	152,000	(52,930)	-34.8%	1,434,700	1,875,010	(440,310)	-23.5%	
32 UNIT COST (\$/TON)	60.48	69.33	(8.85)	-12.8%	74.02	72.54	1.48	2.0%	
33 AMOUNT (\$)	5,992,041	10,538,691	(4,546,650)	-43.1%	106,189,793	136,009,080	(29,819,287)	-21.9%	
34 BURNED:									
35 UNITS (TONS)	79,567	174,790	(95,223)	-54.5%	1,507,795	1,935,810	(428,015)	-22.1%	
36 UNIT COST (\$/TON)	74.75	74.45	0.30	0.4%	77.93	72.76	5.17	7.1%	
37 AMOUNT (\$)	5,947,861	13,013,277	(7,065,416)	-54.3%	117,501,818	140,851,384	(23,349,566)	-16.6%	
38 ENDING INVENTORY:									
39 UNITS (TONS)	352,071	553,898	(201,827)	-36.4%	352,071	553,898	(201,827)	-36.4%	
40 UNIT COST (\$/TON)	69.22	67.07	2.15	3.2%	69.22	67.07	2.15	3.2%	
41 AMOUNT (\$)	24,371,742	37,151,765	(12,780,023)	-34.4%	24,371,742	37,151,765	(12,780,023)	-34.4%	
42									
43 DAYS SUPPLY:	56	88	(32)	-40.0%	-	-	-	-	
NATURAL GAS⁽³⁾									
44 PURCHASES:									
45 UNITS (MCF)	10,908,308	9,360,880	1,547,428	16.5%	101,329,030	91,281,754	10,047,276	11.0%	
46 UNIT COST (\$/MCF)	3.94	3.99	(0.05)	-1.3%	3.99	4.16	(0.17)	-4.0%	
47 AMOUNT (\$)	43,026,140	37,394,807	5,631,333	15.1%	404,704,423	379,907,522	24,796,901	6.5%	
48 BURNED:									
49 UNITS (MCF)	11,672,897	9,360,880	2,312,017	24.7%	101,804,428	90,844,010	10,960,418	12.1%	
50 UNIT COST (\$/MCF)	4.07	3.97	0.10	2.4%	4.02	4.16	(0.14)	-3.4%	
51 AMOUNT (\$)	47,502,646	37,197,054	10,305,592	27.7%	409,115,096	377,800,125	31,314,971	8.3%	
52 ENDING INVENTORY:									
53 UNITS (MCF)	282,745	1,167,315	(884,570)	-75.8%	282,745	1,167,315	(884,570)	-75.8%	
54 UNIT COST (\$/MCF)	3.06	3.02	0.04	1.4%	3.06	3.02	0.04	1.4%	
55 AMOUNT (\$)	866,367	3,528,720	(2,662,353)	-75.4%	866,367	3,528,720	(2,662,353)	-75.4%	
56									
57 DAYS SUPPLY:	1	4	(3)	-75.0%	-	-	-	-	
NUCLEAR									
58 BURNED:									
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%	
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	

SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
OTHER								
62 PURCHASES:								
63 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
65 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
66 BURNED:								
67 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
69 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
70 ENDING INVENTORY:								
71 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
72 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
73 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
74 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-

* Includes adjustment to Polk Coal of \$50,534.68 for the months of July 2018 through September 2018.

⁽¹⁾ **RECONCILIATION - LIGHT OIL**

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

	UNITS	DOLLARS
BB GYPSUM	0	0
BB COAL FIELD	0	0
BB OTHER PLANT	0	0
PK OTHER PLANT	0	0
TOTAL	0	0

⁽²⁾ **RECONCILIATION - COAL**

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	DOLLARS
FUEL ANALYSIS	12,175
NON-INV EXPENSE	620,005
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	90,238
POLK NG IGNITION	0
AERIAL SURVEY ADJ	0
ADDITIVES	49,934
TOTAL	772,352

⁽³⁾ **RECONCILIATION - NATURAL GAS**

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(90,238)
POLK NG IGNITION		0
INVENTORY ADJ	0	2,242,615
TOTAL	0	2,152,377

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

(1) SOLD TO	(2) TYPE & SCHEDULE		(3) TOTAL MWH SOLD	(4) MWH WHEELED OTHER SYSTEM	(5) MWH FROM OWN GENERATION	(6) CENTS/KWH		(7) TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	(8) TOTAL \$ FOR TOTAL COST (5)X(6B)	(9) GAINS ON MARKET BASED SALES
						(A) FUEL COST	(B) TOTAL COST			
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	720.0	0.0	720.0	2.646	2.826	19,050.00	20,345.00	1,295.00
VARIOUS	JURISD.	MKT.BASE	1,130.0	0.0	1,130.0	3.540	3.895	40,005.09	44,010.00	4,004.91
TOTAL			1,850.0	0.0	1,850.0	3.192	3.479	59,055.09	64,355.00	5,299.91
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	2,850.0	0.0	2,850.0	2.288	2.517	65,201.03	71,721.13	3,470.72
REEDY CREEK		SCH. - CB	351.0	0.0	351.0	2.087	2.311	7,325.37	8,111.61	737.10
EXGEN		SCH. - MA	1,636.0	0.0	1,636.0	3.500	6.447	57,260.00	105,466.64	33,294.64
FLORIDA POWER & LIGHT		SCH. - MA	425.0	0.0	425.0	3.196	4.250	13,582.00	18,062.67	3,768.92
DUKE ENERGY FLORIDA		SCH. - MA	2,440.0	0.0	2,440.0	2.216	2.934	54,061.55	71,584.48	15,614.93
NEW SMYRNA BEACH		SCH. - MA	133.0	0.0	133.0	2.942	4.669	3,912.70	6,209.99	2,119.12
ORLANDO UTILITIES		SCH. - MA	985.0	0.0	985.0	3.116	4.836	30,688.90	47,636.85	15,467.70
THE ENERGY AUTHORITY		SCH. - MA	1,186.0	0.0	1,186.0	3.205	4.235	38,010.06	50,231.09	9,867.41
EDF TRADING		SCH. - MA	66.0	0.0	66.0	2.531	3.481	1,670.72	2,297.32	582.38
LESS 20% - THRESHOLD EXCESS		SCH. - D								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - C								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - CB								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - MA								0.00
SUB-TOTAL CURRENT MONTH			10,072.0	0.0	10,072.0	2.698	3.786	271,712.33	381,321.78	84,922.92
ADJUSTMENTS TO PRIOR MONTHS:										
MACQUARIE ENERGY LLC	Sept 2018	SCH. - MA	(1,600.0)	0.0	(1,600.0)	3.500	4.500	(56,000.00)	(72,000.00)	(16,000.00)
MACQUARIE ENERGY LLC	Sept 2018	SCH. - MA	1,600.0	0.0	1,600.0	3.500	4.500	56,000.00	72,000.00	14,208.00
SUB-TOTAL ADJUSTMENTS			0.0	0.0	0.0	0.000	0.000	0.00	0.00	(1,792.00)
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			2,850.0	0.0	2,850.0	2.288	2.517	65,201.03	71,721.13	3,470.72
SUB-TOTAL SCHEDULE C POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE CB POWER SALES			351.0	0.0	351.0	2.087	2.311	7,325.37	8,111.61	737.10
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			6,871.0	0.0	6,871.0	2.899	4.388	199,185.93	301,489.04	78,923.10
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			10,072.0	0.0	10,072.0	2.698	3.786	271,712.33	381,321.78	83,130.92
CURRENT MONTH:										
DIFFERENCE			8,222.0	0.0	8,222.0	(0.494)	0.307	212,657.24	316,966.78	77,831.01
DIFFERENCE %			444.4%	0.0%	444.4%	-15.5%	8.8%	360.1%	492.5%	1468.5%
PERIOD TO DATE:										
ACTUAL			268,186.0	18.0	268,168.0	2.556	3.628	6,853,680.33	9,728,357.57	2,500,476.21
ESTIMATED			19,220.0	0.0	19,220.0	2.873	3.121	552,218.64	599,835.00	47,616.36
DIFFERENCE			248,966.0	18.0	248,948.0	(0.317)	0.507	6,301,461.69	9,128,522.57	2,452,859.85
DIFFERENCE %			1295.3%	0.0%	1295.3%	-11.0%	16.2%	1141.1%	1521.8%	5151.3%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018**

(1)	(2)	(3)	(4)	(5)	(6)	(7) CENTS/KWH		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER- RUPTIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
ESTIMATED:								
PASCO COGEN	SCH. - D	9,430.0	0.0	0.0	9,430.0	3.846	3.846	362,720.00
TOTAL		9,430.0	0.0	0.0	9,430.0	3.846	3.846	362,720.00
ACTUAL:								
PASCO COGEN	SCH. - D	2,181.0	0.0	0.0	2,181.0	6.048	6.048	131,917.11
DUKE ENERGY FLORIDA	OATT	456.0	0.0	0.0	456.0	2.297	2.297	10,472.31
SUB-TOTAL CURRENT MONTH		2,637.0	0.0	0.0	2,637.0	5.400	5.400	142,389.42
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL SCHEDULE D PURCHASED POWER		2,181.0	0.0	0.0	2,181.0	6.048	6.048	131,917.11
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		456.0	0.0	0.0	456.0	2.297	2.297	10,472.31
TOTAL		2,637.0	0.0	0.0	2,637.0	5.400	5.400	142,389.42
CURRENT MONTH:								
DIFFERENCE		(6,793.0)	0.0	0.0	(6,793.0)	1.554	1.554	(220,330.58)
DIFFERENCE %		-72.0%	0.0%	0.0%	-72.0%	40.4%	40.4%	-60.7%
PERIOD TO DATE:								
ACTUAL		82,955.0	0.0	0.0	82,955.0	4.959	4.959	4,114,049.56
ESTIMATED		53,790.0	0.0	0.0	53,790.0	3.941	3.941	2,120,020.00
DIFFERENCE		29,165.0	0.0	0.0	29,165.0	1.018	1.018	1,994,029.56
DIFFERENCE %		54.2%	0.0%	0.0%	54.2%	25.8%	25.8%	94.1%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER-RUPTIBLE	MWH FOR FIRM	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED:								
VARIOUS	COGEN.							
	AS AVAIL.	7,550.0	0.0	0.0	7,550.0	3.200	3.200	241,610.00
TOTAL		7,550.0	0.0	0.0	7,550.0	3.200	3.200	241,610.00
ACTUAL:								
	AS AVAILABLE							
CARGILL RIDGEWOOD	COGEN.	2,343.0	0.0	0.0	2,343.0	2.413	2.413	56,539.96
CARGILL MILLPOINT	COGEN.	2,003.0	0.0	0.0	2,003.0	2.500	2.500	50,073.92
IMC-AGRICO-NEW WALES	COGEN.	80.0	0.0	0.0	80.0	2.815	2.815	2,251.79
IMC-AGRICO-S. PIERCE	COGEN.	13,157.0	0.0	0.0	13,157.0	2.426	2.426	319,252.27
SUB-TOTAL CURRENT MONTH		17,583.0	0.0	0.0	17,583.0	2.435	2.435	428,117.94
NET METERING		1.0	0.0	0.0	1.0	2.284	2.284	23.59
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		17,584.0	0.0	0.0	17,584.0	2.435	2.435	428,141.53
CURRENT MONTH:								
DIFFERENCE		10,034.0	0.0	0.0	10,034.0	(0.765)	(0.765)	186,531.53
DIFFERENCE %		132.9%	0.0%	0.0%	132.9%	-23.9%	-23.9%	77.2%
PERIOD TO DATE:								
ACTUAL		147,947.0	0.0	0.0	147,947.0	2.379	2.379	3,519,175.30
ESTIMATED		75,140.0	0.0	0.0	75,140.0	2.886	2.886	2,168,820.00
DIFFERENCE		72,807.0	0.0	0.0	72,807.0	(0.508)	(0.508)	1,350,355.30
DIFFERENCE %		96.9%	0.0%	0.0%	96.9%	-17.6%	-17.6%	62.3%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUP- TIBLE	(5) MWH FOR FIRM	(6) TRANSACTION COSTS CENTS/KWH	(7) TOTAL \$ FOR FUEL ADJUSTMENT (5) X (6)	(8) COST IF GENERATED		(9) FUEL SAVINGS (8B)-7
							(A) CENTS PER KWH	(B) TOTAL COST	
ESTIMATED:									
VARIOUS	Economy	27,710.0	0.0	27,710.0	3.142	870,580.00	5.010	1,388,330.00	517,750.00
TOTAL		27,710.0	0.0	27,710.0	3.142	870,580.00	5.010	1,388,330.00	517,750.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	700.0	0.00	700.0	5.300	37,100.00	5.300	37,100.00	0.00
FLA. POWER & LIGHT	SCH. - J	68,300.0	0.0	68,300.0	3.304	2,256,550.00	4.148	2,833,026.00	576,476.00
ORLANDO UTIL. COMM.	SCH. - J	200.0	0.0	200.0	12.000	24,000.00	12.000	24,000.00	0.00
THE ENERGY AUTHORITY	SCH. - J	1,200.0	0.0	1,200.0	4.733	56,800.00	8.651	103,808.00	47,008.00
MORGAN STANLEY	SCH. - J	250.0	0.0	250.0	6.000	15,000.00	10.600	26,500.00	11,500.00
EXGEN	SCH. - J	50,782.0	0.0	50,782.0	3.516	1,785,370.00	4.188	2,126,782.78	341,412.78
SOUTHERN COMPANY	SCH. - J	5,182.0	0.0	5,182.0	4.912	254,556.00	4.912	254,556.00	0.00
SUB-TOTAL CURRENT MONTH		126,614.0	0.0	126,614.0	3.498	4,429,376.00	4.269	5,405,772.78	976,396.78
NO ADJUSTMENTS TO PRIOR MONTHS									
SUB-TOTAL SCHEDULE REB ECONOMY PURCHASES		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
SUB-TOTAL SCHEDULE C ECONOMY PURCHASES		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
SUB-TOTAL SCHEDULE J ECONOMY PURCHASES		126,614.0	0.0	126,614.0	3.498	4,429,376.00	4.269	5,405,772.78	976,396.78
TOTAL		126,614.0	0.0	126,614.0	3.498	4,429,376.00	4.269	5,405,772.78	976,396.78
CURRENT MONTH:									
DIFFERENCE		98,904.0	0.0	98,904.0	0.357	3,558,796.00	(0.741)	4,017,442.78	458,646.78
DIFFERENCE %		356.9%	0.0%	356.9%	11.3%	408.8%	-14.8%	289.4%	88.6%
PERIOD TO DATE:									
ACTUAL		912,336.9	427.8	911,909.1	3.814	34,782,752.59	4.275	38,985,518.91	4,202,766.32
ESTIMATED		264,580.0	0.0	264,580.0	3.175	8,400,300.00	5.019	13,279,920.00	4,879,620.00
DIFFERENCE		647,756.9	427.8	647,329.1	0.639	26,382,452.59	(0.744)	25,705,598.91	(676,853.68)
DIFFERENCE %		244.8%	0.0%	244.7%	20.1%	314.1%	-14.8%	193.6%	-13.9%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: October 2018

CONTRACT	TERM		CONTRACT TYPE
	START	END	
PASCO COGEN LTD	1/1/2009	12/31/2018	LT
SEMINOLE ELECTRIC **	6/1/1992	-----	LT

QF = QUALIFYING FACILITY
 LT = LONG TERM
 ST = SHORT-TERM
 ** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
PASCO COGEN LTD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0		
SEMINOLE ELECTRIC	10.3	7.1	5.9	5.6	0.9	1.9	2.1	2.3	2.1	8.9		

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
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16

TOTAL PURCHASES AND (SALES)	\$	583,902	\$	872,960	\$	668,109	\$	639,970	\$	1,074,286	\$	1,142,022	\$	1,183,470	\$	1,251,270	\$	1,248,984	\$	1,204,852	\$	-	\$	-	\$	9,869,825
TOTAL CAPACITY	\$	583,902	\$	872,960	\$	668,109	\$	639,970	\$	1,074,286	\$	1,142,022	\$	1,183,470	\$	1,251,270	\$	1,248,984	\$	1,204,852	\$	-	\$	-	\$	9,869,825

**LIST OF ACRONYMS
TAMPA ELECTRIC COMPANY**

ACRONYM	DESCRIPTION
ROI	Return on Investment
WGC	Warm Gas Cleanup
OATT	Open Access Transmission Tariff
T&D	Transmission & Distribution
GPIF	Generating Performance Incentive Factor