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November 27, 2017
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. 20170001-EI

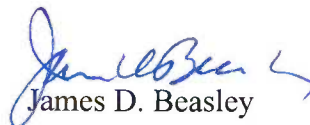
Dear Ms. Stauffer:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of October 2017 as well as the following revised pages:

Schedule A4 Revised	August 2017	1 Page
Schedule A4 Revised	June 2017	1 Page

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 27th day of November 2017 to the following:

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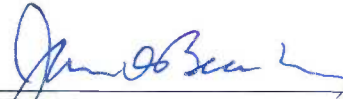
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ATTORNEY



TAMPA ELECTRIC COMPANY
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COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	51,070,309	57,991,087	(6,920,778)	-11.9%	1,670,152	1,652,700	17,452	1.1%	3.05782	3.50887	(0.45105)	-12.9%
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	428,203	429,308	(1,105)	-0.3%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	286,007	286,238	(231)	-0.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments - Polk Warm Gas Cleanup	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)	51,784,519	58,706,633	(6,922,114)	-11.8%	1,670,152	1,652,700	17,452	1.1%	3.10059	3.55217	(0.45158)	-12.7%
6. Fuel Cost of Purchased Power - Firm (A7)	373,309	398,720	(25,411)	-6.4%	9,166	8,470	696	8.2%	4.07276	4.70744	(0.63468)	-13.5%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	3,447,887	1,201,060	2,246,827	187.1%	89,043	27,920	61,123	218.9%	3.87216	4.30179	(0.42963)	-10.0%
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 (A8)	539,737	229,930	309,807	134.7%	25,018	7,520	17,498	232.7%	2.15739	3.05758	(0.90019)	-29.4%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	4,360,933	1,829,710	2,531,223	138.3%	123,227	43,910	79,317	180.6%	3.53894	4.16696	(0.62801)	-15.1%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,793,379	1,696,610	96,769	5.7%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	66,730	21,300	45,430	213.3%	3,489	730	2,759	377.9%	1.91258	2.91781	(1.00523)	-34.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	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)	79,018	54,340	24,678	45.4%	3,826	1,130	2,696	238.6%	2.06529	4.80885	(2.74356)	-57.1%
18. Gains on Sales	24,243	6,260	17,983	287.3%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	169,991	81,900	88,091	107.6%	7,315	1,860	5,455	293.3%	2.32387	4.40323	(2.07936)	-47.2%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(63)	0	(63)	0.0%				
21. Wheeling Rec'd. less Wheeling Deliv'd.					4,851	0	4,851	0.0%				
22. Interchange and Wheeling Losses					4,987	(16)	5,003	-30327.9%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	55,975,461	60,454,443	(4,478,982)	-7.4%	1,785,865	1,694,766	91,099	5.4%	3.13436	3.56713	(0.43276)	-12.1%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(2,561,400) (a)	(2,278,109) (a)	(283,291)	12.4%	(81,720)	(63,864)	(17,856)	28.0%	3.13436	3.56713	(0.43276)	-12.1%
25. Company Use	86,728 (a)	101,663 (a)	(14,935)	-14.7%	2,767	2,850	(83)	-2.9%	3.13437	3.56712	(0.43275)	-12.1%
26. T & D Losses	3,097,752 (a)	1,778,337 (a)	1,319,415	74.2%	98,832	49,853	48,979	98.2%	3.13436	3.56713	(0.43276)	-12.1%
27. System KWH Sales	55,975,461	60,454,443	(4,478,982)	-7.4%	1,765,986	1,705,927	60,059	3.5%	3.16964	3.54379	(0.37414)	-10.6%
28. Wholesale KWH Sales	0	(19,672)	19,672	-100.0%	0	(620)	620	-100.0%	0.00000	3.17290	(3.17290)	-100.0%
29. Jurisdictional KWH Sales	55,975,461	60,434,771	(4,459,310)	-7.4%	1,765,986	1,705,307	60,679	3.6%	3.16964	3.54392	(0.37428)	-10.6%
30. Jurisdictional Loss Multiplier									1.00000	1.00002	(0.00002)	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	55,975,461	60,435,980	(4,460,519)	-7.4%	1,765,986	1,705,307	60,679	3.6%	3.16964	3.54399	(0.37435)	-10.6%
32. Adj-September 2017 Jurisd Loss Multiplier	(1,215)	0	(1,215)	0.0%	1,765,986	1,705,307	60,679	3.6%	(0.00007)	0.00000	(0.00007)	0.0%
33. True-up *	(10,219,983)	(10,219,983)	0	0.0%	1,765,986	1,705,307	60,679	3.6%	(0.57871)	(0.59930)	0.02059	-3.4%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	45,754,263	50,215,997	(4,461,734)	-8.9%	1,765,986	1,705,307	60,679	3.6%	2.59086	2.94469	(0.35383)	-12.0%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	45,787,206	50,252,153	(4,464,947)	-8.9%	1,765,986	1,705,307	60,679	3.6%	2.59273	2.94681	(0.35408)	-12.0%
37. GPIF * (Already Adjusted for Taxes)	80,799	80,799	0	0.0%	1,765,986	1,705,307	60,679	3.6%	0.00458	0.00474	(0.00016)	-3.4%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	45,868,005	50,332,952	(4,464,947)	-8.9%	1,765,986	1,705,307	60,679	3.6%	2.59731	2.95155	(0.35424)	-12.0%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.597	2.952	(0.355)	-12.0%

* 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 2017

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	526,068,360	566,754,680	(40,686,320)	-7.2%	16,906,748	16,841,020	65,728	0.4%	3.11159	3.36532	(0.25373)	-7.5%
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	4,405,051	4,409,679	(4,628)	-0.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	2,951,374	2,952,462	(1,088)	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments - Polk Warm Gas Cleanup	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)	533,424,785	574,116,821	(40,692,036)	-7.1%	16,906,748	16,841,020	65,728	0.4%	3.15510	3.40904	(0.25394)	-7.4%
6. Fuel Cost of Purchased Power - Firm (A7)	4,922,349	1,110,190	3,812,159	343.4%	115,284	23,980	91,304	380.8%	4.26976	4.62965	(0.35989)	-7.8%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	21,966,139	8,641,210	13,324,929	154.2%	454,740	257,410	197,330	76.7%	4.83048	3.35698	1.47350	43.9%
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 (A8)	3,406,175	2,051,690	1,354,485	66.0%	152,910	75,140	77,770	103.5%	2.22757	2.73049	(0.50292)	-18.4%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	30,294,663	11,803,090	18,491,573	156.7%	722,934	356,530	366,404	102.8%	4.19052	3.31055	0.87997	26.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					17,629,682	17,197,550	432,132	2.5%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	230,641	248,940	(18,299)	-7.4%	11,214	9,110	2,104	23.1%	2.05672	2.73260	(0.67588)	-24.7%
15. Fuel Cost of Sch. C/CB Sales (A6)	390,316	0	390,316	0.0%	19,848	0	19,848	0.0%	1.96653	0.00000	1.96653	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)	4,464,355	321,404	4,142,951	1289.0%	183,594	10,150	173,444	1708.8%	2.43165	3.16654	(0.73490)	-23.2%
18. Gains on Sales	1,547,844	41,760	1,506,084	3606.5%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	6,633,156	612,104	6,021,052	983.7%	214,656	19,260	195,396	1014.5%	3.09013	3.17811	(0.08798)	-2.8%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					243	0	243	0.0%				
21. Wheeling Rec'd. less Wheeling Deliv'd.					22,975	0	22,975	0.0%				
22. Interchange and Wheeling Losses					26,716	(148)	26,864	-18128.2%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	557,086,292	585,307,807	(28,221,515)	-4.8%	17,411,528	17,178,438	233,090	1.4%	3.19953	3.40722	(0.20770)	-6.1%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	5,295,839 (a)	2,784,819 (a)	2,511,020	90.2%	189,350	91,460	97,890	107.0%	2.79685	3.04485	(0.24800)	-8.1%
25. Company Use	942,046 (a)	972,134 (a)	(30,088)	-3.1%	29,432	28,500	932	3.3%	3.20075	3.41100	(0.21024)	-6.2%
26. T & D Losses	26,819,690 (a)	25,902,060 (a)	917,630	3.5%	837,784	761,218	76,566	10.1%	3.20127	3.40271	(0.20145)	-5.9%
27. System KWH Sales	557,086,292	585,307,807	(28,221,515)	-4.8%	16,354,962	16,297,260	57,702	0.4%	3.40622	3.59145	(0.18523)	-5.2%
28. Wholesale KWH Sales	(75,738)	(447,088)	371,350	-83.1%	(1,885)	(14,240)	12,355	-86.8%	4.01793	3.13966	0.87827	28.0%
29. Jurisdictional KWH Sales	557,010,554	584,860,719	(27,850,165)	-4.8%	16,353,077	16,283,020	70,057	0.4%	3.40615	3.59184	(0.18569)	-5.2%
30. Jurisdictional Loss Multiplier												
31. Jurisdictional KWH Sales Adjusted for Line Losses	557,033,503	584,872,418	(27,838,915)	-4.8%	16,353,077	16,283,020	70,057	0.4%	3.40629	3.59192	(0.18562)	-5.2%
32. Other	(21,543)	0	(21,543)	0.0%	16,353,077	16,283,020	70,057	0.4%	(0.00013)	0.00000	(0.00013)	0.0%
33. True-up *	(102,199,830)	(102,199,830)	0	0.0%	16,353,077	16,283,020	70,057	0.4%	(0.62496)	(0.62765)	0.00269	-0.4%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	454,812,130	482,672,588	(27,860,458)	-5.8%	16,353,077	16,283,020	70,057	0.4%	2.78120	2.96427	(0.18307)	-6.2%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	455,139,596	483,020,113	(27,880,517)	-5.8%	16,353,077	16,283,020	70,057	0.4%	2.78320	2.96640	(0.18320)	-6.2%
37. GPIF * (Already Adjusted for Taxes)	807,990	807,990	0	0.0%	16,353,077	16,283,020	70,057	0.4%	0.00494	0.00496	(0.00002)	-0.4%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	455,947,586	483,828,103	(27,880,517)	-5.8%	16,353,077	16,283,020	70,057	0.4%	2.78814	2.97136	(0.18322)	-6.2%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.788	2.971	(0.183)	-6.2%

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

	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	51,070,309	57,991,087	(6,920,778)	-11.9%	526,068,360	566,754,680	(40,686,320)	-7.2%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	145,748	75,640	70,108	92.7%	5,085,312	570,344	4,514,968	791.6%
2a. GAINS FROM SALES	24,243	6,260	17,983	287.3%	1,547,844	41,760	1,506,084	3606.5%
3. FUEL COST OF PURCHASED POWER	373,309	398,720	(25,411)	-6.4%	4,922,349	1,110,190	3,812,159	343.4%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	539,737	229,930	309,807	134.7%	3,406,175	2,051,690	1,354,485	66.0%
4. ENERGY COST OF ECONOMY PURCHASES	3,447,887	1,201,060	2,246,827	187.1%	21,966,139	8,641,210	13,324,929	154.2%
5. TOTAL FUEL & NET POWER TRANSACTION	55,261,251	59,738,897	(4,477,646)	-7.5%	549,729,867	577,945,666	(28,215,799)	-4.9%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	428,203	429,308	(1,105)	-0.3%	4,405,051	4,409,679	(4,628)	-0.1%
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	286,007	286,238	(231)	-0.1%	2,951,374	2,952,462	(1,088)	0.0%
6c. ADJ. - POLK WARM GAS CLEANUP	0	0	0	0.0%	0	0	0	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	55,975,461	60,454,443	(4,478,982)	-7.4%	557,086,292	585,307,807	(28,221,515)	-4.8%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,765,986	1,705,307	60,679	3.6%	16,353,077	16,283,020	70,057	0.4%
2. NONJURISDICTIONAL SALES	0	620	(620)	-100.0%	1,885	14,240	(12,355)	-86.8%
3. TOTAL SALES	1,765,986	1,705,927	60,059	3.5%	16,354,962	16,297,260	57,702	0.4%
4. JURISDIC. SALES-% TOTAL MWH SALES	1.0000000	0.9996746	0.0003254	0.0%	-	-	0.0000000	0.0%

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	52,352,050	50,405,173	1,946,877	3.9%	482,039,067	480,977,401	1,061,666	0.2%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	10,219,983	10,219,983	0	0.0%	102,199,830	102,199,830	0	0.0%	
2b. INCENTIVE PROVISION	(80,799)	(80,799)	0	0.0%	(807,990)	(807,990)	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>62,491,234</u>	<u>60,544,357</u>	<u>1,946,877</u>	<u>3.2%</u>	<u>583,430,907</u>	<u>582,369,241</u>	<u>1,061,666</u>	<u>0.2%</u>	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	55,975,461	60,454,443	(4,478,982)	-7.4%	557,086,292	585,307,807	(28,221,515)	-4.8%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	<u>1.0000000</u>	<u>0.9996746</u>	<u>0.0003254</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6. JURISDIC. TOTAL FUEL & NET PWR.TRANS.	55,975,461	60,434,771	(4,459,310)	-7.4%	557,010,554	584,860,719	(27,850,165)	-4.8%	
6a. JURISDIC. LOSS MULTIPLIER	<u>1.00000</u>	<u>1.00002</u>	<u>(0.00002)</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6b. (LINE C6 x LINE C6a)	55,975,461	60,435,980	(4,460,519)	-7.4%	557,033,502	584,872,418	(27,838,916)	-4.8%	
6c. ADJUSTMENT-JURISDIC LOSS MULTIPLIER	<u>(1,215)</u>	<u>0</u>	<u>(1,215)</u>	<u>0.0%</u>	<u>(25,648)</u>	<u>0</u>	<u>(25,648)</u>	<u>0.0%</u>	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	<u>55,974,246</u>	<u>60,435,980</u>	<u>(4,461,734)</u>	<u>-7.4%</u>	<u>557,007,854</u>	<u>584,872,418</u>	<u>(27,864,564)</u>	<u>-4.8%</u>	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	6,516,988	108,377	6,408,611	5913.3%	26,423,053	(2,503,177)	28,926,230	-1155.6%	
7a. ADJUSTMENT-2016 REEDY CREEK TRUE UP (INCL INTEREST)	0	0	0	0.0%	4,105	0	4,105	0.0%	
8. INTEREST PROVISION FOR THE MONTH	21,507	28,064	(6,557)	-23.4%	447,755	618,744	(170,989)	-27.6%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	29,424,811	28,639,075	785,736	2.7%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	<u>(10,219,983)</u>	<u>(10,219,983)</u>	<u>0</u>	<u>0.0%</u>	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	<u>25,743,323</u>	<u>18,555,533</u>	<u>7,187,790</u>	<u>38.7%</u>	-----NOT APPLICABLE-----				

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	29,424,811	28,639,075	785,736	2.7%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	25,721,816	18,527,469	7,194,347	38.8%	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	55,146,627	47,166,544	7,980,083	16.9%	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	27,573,314	23,583,272	3,990,042	16.9%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	0.730	1.430	(0.700)	-49.0%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	1.140	1.430	(0.290)	-20.3%	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	1.870	2.860	(0.990)	-34.6%	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	0.935	1.430	(0.495)	-34.6%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.078	0.119	(0.041)	-34.5%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	21,507	28,064	(6,557)	-23.4%	NOT APPLICABLE			

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
FUEL COST OF SYSTEM NET GENERATION (\$)								
1 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
2 LIGHT OIL	10,825	62,028	(51,203)	-82.5%	10,825	553,690	(542,865)	-98.0%
3 COAL	16,348,478	31,440,579	(15,092,101)	-48.0%	177,994,249	261,442,338	(83,448,089)	-31.9%
4 NATURAL GAS	34,711,006	26,488,480	8,222,526	31.0%	348,063,286	304,758,652	43,304,634	14.2%
5 NUCLEAR	0	0	0	0.0%	0	0	0	0.0%
6 OTHER	0	0	0	0.0%	0	0	0	0.0%
7 TOTAL (\$)	51,070,309	57,991,087	(6,920,778)	-11.9%	526,068,360	566,754,680	(40,686,320)	-7.2%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	36	280	(244)	-87.1%	36	2,460	(2,424)	-98.5%
10 COAL	485,813	907,890	(422,077)	-46.5%	5,366,737	7,958,960	(2,592,223)	-32.6%
11 NATURAL GAS	1,180,768	740,540	440,228	59.4%	11,501,296	8,849,660	2,651,636	30.0%
12 NUCLEAR	0	0	0	0.0%	0	0	0	0.0%
13 OTHER	3,535	3,990	(455)	-11.4%	38,679	29,940	8,739	29.2%
14 TOTAL (MWH)	1,670,152	1,652,700	17,452	1.1%	16,906,748	16,841,020	65,728	0.4%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	85	520	(435)	-83.7%	85	4,560	(4,475)	-98.1%
17 COAL (TON)	231,416	395,620	(164,204)	-41.5%	2,383,959	3,456,840	(1,072,881)	-31.0%
18 NATURAL GAS (MCF)	8,669,845	5,205,270	3,464,575	66.6%	84,264,520	62,267,070	21,997,450	35.3%
19 NUCLEAR (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	495	2,960	(2,465)	-83.3%	495	26,580	(26,085)	-98.1%
23 COAL	5,363,136	9,421,020	(4,057,884)	-43.1%	58,023,384	82,442,460	(24,419,076)	-29.6%
24 NATURAL GAS	8,860,582	5,331,290	3,529,292	66.2%	86,179,488	63,787,250	22,392,238	35.1%
25 NUCLEAR	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)	14,224,213	14,755,270	(531,057)	-3.6%	144,203,367	146,256,290	(2,052,923)	-1.4%
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	0.00%	0.02%	-0.01%	-87.3%	0.00%	0.01%	-0.01%	-98.5%
30 COAL	29.09%	54.93%	-25.85%	-47.0%	31.74%	47.26%	-15.52%	-32.8%
31 NATURAL GAS	70.70%	44.81%	25.89%	57.8%	68.03%	52.55%	15.48%	29.5%
32 NUCLEAR	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
33 OTHER	0.21%	0.24%	-0.03%	-12.3%	0.23%	0.18%	0.05%	28.7%
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)	127.35	119.28	8.07	6.8%	127.35	121.42	5.93	4.9%
37 COAL (\$/TON)	70.65	79.47	(8.83)	-11.1%	74.66	75.63	(0.97)	-1.3%
38 NATURAL GAS (\$/MCF)	4.00	5.09	(1.09)	-21.3%	4.13	4.89	(0.76)	-15.6%
39 NUCLEAR (\$/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	21.87	20.96	0.91	4.4%	21.87	20.83	1.04	5.0%
43 COAL	3.05	3.34	(0.29)	-8.7%	3.07	3.17	(0.10)	-3.3%
44 NATURAL GAS	3.92	4.97	(1.05)	-21.2%	4.04	4.78	(0.74)	-15.5%
45 NUCLEAR	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)	3.59	3.93	(0.34)	-8.6%	3.65	3.88	(0.23)	-5.9%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
BTU BURNED PER KWH (BTU/KWH)								
48 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
49 LIGHT OIL	13,750	10,571	3,179	30.1%	13,750	10,805	2,945	27.3%
50 COAL	11,040	10,377	663	6.4%	10,812	10,358	454	4.4%
51 NATURAL GAS	7,504	7,199	305	4.2%	7,493	7,208	285	4.0%
52 NUCLEAR	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)	8,517	8,928	(411)	-4.6%	8,529	8,685	(156)	-1.8%
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	30.07	22.15	7.92	35.8%	30.07	22.51	7.56	33.6%
57 COAL	3.37	3.46	(0.09)	-2.6%	3.32	3.28	0.04	1.2%
58 NATURAL GAS	2.94	3.58	(0.64)	-17.9%	3.03	3.44	(0.41)	-11.9%
59 NUCLEAR	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)	3.06	3.51	(0.45)	-12.8%	3.11	3.37	(0.26)	-7.7%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: OCTOBER 2017

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(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)
TIA SOLAR	1.6	234	19.7	-	45.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	⁽⁴⁾ 19.4	3,114	21.6	-	39.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	187	16.8	-	36.7	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	3,535	21.2	-	39.4	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	185	44,560	32.4	86.8	62.1	-	NG CO-FIRE	527,686	1,022,000	539,295.0	2,112,335	4.74	4.00
B.B.#1 COAL	385	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	385	44,560	15.6	86.8	29.8	12,103	-	-	-	539,295.0	2,112,335	4.74	-
B.B.#2 NAT GAS CO-FIRE	185	3,311	2.4	80.1	13.0	-	NG CO-FIRE	36,168	1,022,000	36,964.0	144,782	4.37	4.00
B.B.#2 COAL	385	187,759	65.5	80.1	106.5	-	COAL	89,067	23,134,769	2,060,544.5	6,220,445	3.31	69.84
BIG BEND #2 TOTAL	385	191,070	66.7	80.1	83.3	10,978	-	-	-	2,097,508.5	6,365,227	3.33	-
B.B.#3 NAT GAS CO-FIRE	185	0	0.0	0.0	0.0	-	NG CO-FIRE	0	0	0.0	0	0.00	0.00
B.B.#3 COAL	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	395	0	0.0	0.0	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#4 NAT GAS CO-FIRE	175	85	0.1	93.5	2.9	-	NG CO-FIRE	895	1,022,000	915.0	3,584	4.22	4.00
B.B.#4 COAL	437	292,431	89.9	93.5	92.0	-	COAL	135,440	22,943,152	3,107,420.5	9,459,139	3.23	69.84
BIG BEND #4 TOTAL	437	292,516	90.0	93.5	90.0	10,626	-	-	-	3,108,335.5	9,462,723	3.23	-
B.B. IGNITION	-	-	-	-	-	-	GAS	24,401	1,022,000	24,938.0	97,678	-	4.00
BIG BEND 1-4 COAL TOTAL	1,602	480,190	40.3	44.8	68.2	10,762	COAL	224,507	23,019,171	5,167,965.0	15,679,584	3.27	69.84
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LG.T.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	56	1,311	3.1	100.0	89.1	10,889	GAS	13,968	1,022,000	14,275.0	55,913	4.26	4.00
BIG BEND CT #4 TOTAL	56	1,311	3.1	100.0	89.1	10,889	-	-	-	14,275.0	55,913	4.26	-
BIG BEND STATION TOTAL	1,658	529,457	42.9	66.8	75.0	10,878	-	-	-	5,759,414.0	18,093,876	3.42	-
POLK #1 GASIFIER	⁽⁵⁾ 220	5,623	3.4	31.4	38.5	-	COAL	6,909	28,307,628	195,171.2	571,216	10.16	82.68
POLK #1 CT (GAS)	195	63,816	44.0	93.1	71.1	8,748	GAS	546,219	1,022,000	558,236.0	2,186,524	3.43	4.00
POLK #1 TOTAL	220	69,439	42.4	93.1	60.0	10,540	-	-	-	753,407.2	2,757,740	3.97	-
POLK #2 ST DUCT FIRING	120	24,573	27.5	-	91.0	8,400	GAS	201,973	1,022,000	206,417.0	808,503	3.29	4.00
POLK #2 ST W/O DUCT FIRING	341	220,311	86.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	244,884	71.4	98.4	72.0	-	GAS	-	-	206,417.0	808,503	0.33	-
POLK #2 CT (GAS)	150	93,701	84.0	99.7	93.4	11,092	GAS	1,017,004	1,022,000	1,039,378.0	4,071,082	4.34	4.00
POLK #2 CT (OIL)	159	0	0.0	99.7	0.0	0	LG.T.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	93,701	84.0	99.7	93.4	11,092	-	-	-	1,039,378.0	4,071,082	4.34	-
POLK #3 CT (GAS)	150	93,269	83.6	99.0	93.9	10,989	GAS	1,002,843	1,022,000	1,024,906.0	4,014,398	4.30	4.00
POLK #3 CT (OIL)	⁽⁶⁾ 159	36	0.03	92.6	30.2	13,750	LG.T.OIL	85	5,829,600	495.0	10,825	30.07	127.35
POLK #3 TOTAL	150	93,305	83.6	99.0	93.9	10,989	-	-	-	1,025,401.0	4,025,223	4.31	-
POLK #4 (GAS)	150	105,737	94.7	100.0	95.7	10,077	GAS	1,042,526	1,022,000	1,065,462.0	4,173,249	3.95	4.00
POLK #5 (GAS)	150	89,727	80.4	99.9	96.4	10,787	GAS	947,062	1,022,000	967,897.0	3,791,103	4.23	4.00
POLK #2 CC TOTAL	1,061	627,354	79.5	98.6	84.4	6,861	GAS	-	-	4,304,555.0	16,869,160	2.69	-
POLK STATION TOTAL	1,281	696,793	73.1	97.7	81.1	7,228	-	-	-	5,057,962.2	19,626,900	2.82	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: OCTOBER 2017

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(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	99,608	57.5	99.4	57.8	-		-	-	-	-	-	-	
BAYSIDE CT1A	156	69,837	60.2	100.0	80.3	11,927	GAS	815,006	1,022,000	832,936.0	3,263,822	4.67	4.00	
BAYSIDE CT1B	156	50,796	43.8	99.1	78.4	11,816	GAS	587,287	1,022,000	600,208.0	2,351,885	4.63	4.00	
BAYSIDE CT1C	156	58,722	50.6	99.1	76.6	11,572	GAS	664,915	1,022,000	679,543.0	2,662,759	4.53	4.00	
BAYSIDE UNIT 1 TOTAL	701	278,963	53.5	98.8	53.8	7,573	GAS	2,067,208	1,022,000	2,112,687.0	8,278,466	2.97	4.00	
BAYSIDE ST 2	305	55,399	24.4	80.5	30.3	-		-	-	-	-	-	-	
BAYSIDE CT2A	156	43,730	37.7	77.5	76.3	11,929	GAS	510,428	1,022,000	521,657.0	2,044,090	4.67	4.00	
BAYSIDE CT2B	156	60,411	52.0	78.2	74.1	12,431	GAS	734,818	1,022,000	750,984.0	2,942,695	4.87	4.00	
BAYSIDE CT2C	156	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00	
BAYSIDE CT2D	156	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00	
BAYSIDE UNIT 2 TOTAL	929	159,540	23.1	38.9	28.7	7,977	GAS	1,245,246	1,022,000	1,272,641.0	4,986,785	3.13	4.00	
BAYSIDE UNIT 3 TOTAL	56	538	1.3	74.3	26.3	11,318	GAS	5,958	1,022,000	6,089.0	23,859	4.43	4.00	
BAYSIDE UNIT 4 TOTAL	56	228	0.5	85.0	21.5	11,671	GAS	2,604	1,022,000	2,661.0	10,427	4.57	4.00	
BAYSIDE UNIT 5 TOTAL	56	187	0.4	47.4	42.4	13,262	GAS	2,427	1,022,000	2,480.0	9,718	5.20	4.00	
BAYSIDE UNIT 6 TOTAL	56	911	2.2	99.1	92.7	11,283	GAS	10,058	1,022,000	10,279.0	40,278	4.42	4.00	
BAYSIDE STATION TOTAL	1,854	440,367	31.9	66.1	40.8	7,736	GAS	3,333,501	1,022,000	3,406,837.0	13,349,533	3.03	4.00	
B.B. IGNITION SYSTEM	4,815	1,670,152	46.6	74.8	62.9	8,504	LGT.OIL	-	-	-	14,224,213.2	51,070,309	3.06	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE
CC = COMBINED CYCLE

NG = NATURAL GAS
ST = STEAM

Footnotes:

- ⁽¹⁾ As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.
- ⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
- ⁽³⁾ Polk #2 ST commenced commercial operation on January 16, 2017.
- ⁽⁴⁾ Big Bend solar commenced commercial operation on February 10, 2017.
- ⁽⁵⁾ Includes Polk Coal adj for June of 742.55 tons burned, \$54,581.46, and 20,643.8 mmbtu's and for August of 31.04 tons, \$2,926.96, and 858.1 mmbtu's.
- ⁽⁶⁾ Polk #3 CT oil reflects September data.

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017**

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE 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	520	(520)	-100.0%	0	4,560	(4,560)	-100.0%
17 UNIT COST (\$/BBL)	0.00	75.16	(75.16)	-100.0%	0.00	73.64	(73.64)	-100.0%
18 AMOUNT (\$)	0	39,081	(39,081)	-100.0%	0	335,782	(335,782)	-100.0%
19 BURNED:								
20 UNITS (BBL)	* 85	520	(435)	-83.7%	85	4,560	(4,475)	-98.1%
21 UNIT COST (\$/BBL)	127.35	119.28	8.07	6.8%	127.35	121.42	5.93	4.9%
22 AMOUNT (\$)	* 10,825	62,028	(51,203)	-82.5%	10,825	553,690	(542,865)	-98.0%
23 ENDING INVENTORY:								
24 UNITS (BBL)	44,403	44,488	(85)	-0.2%	44,403	44,488	(85)	-0.2%
25 UNIT COST (\$/BBL)	127.48	119.28	8.20	6.9%	127.48	119.28	8.20	6.9%
26 AMOUNT (\$)	5,660,638	5,306,749	353,889	6.7%	5,660,638	5,306,749	353,889	6.7%
27								
28 DAYS SUPPLY: NORMAL	12,095	12,118	(23)	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL ⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	56,919	338,836	(281,917)	-83.2%	2,515,092	3,178,843	(663,751)	-20.9%
32 UNIT COST (\$/TON)	72.59	79.36	(6.77)	-8.5%	71.81	76.49	(4.67)	-6.1%
33 AMOUNT (\$)	4,131,610	26,888,659	(22,757,049)	-84.6%	180,614,169	243,139,308	(62,525,139)	-25.7%
34 BURNED:								
35 UNITS (TONS)	** 231,416	395,620	(164,204)	-41.5%	2,383,959	3,456,840	(1,072,881)	-31.0%
36 UNIT COST (\$/TON)	70.65	79.47	(8.83)	-11.1%	74.66	75.63	(0.97)	-1.3%
37 AMOUNT (\$)	** 16,348,478	31,440,579	(15,092,101)	-48.0%	177,994,249	261,442,338	(83,448,089)	-31.9%
38 ENDING INVENTORY:								
39 UNITS (TONS)	458,838	198,440	260,398	131.2%	458,838	198,440	260,398	131.2%
40 UNIT COST (\$/TON)	70.41	67.31	3.10	4.6%	70.41	67.31	3.10	4.6%
41 AMOUNT (\$)	32,307,961	13,357,071	18,950,890	141.9%	32,307,961	13,357,071	18,950,890	141.9%
42								
43 DAYS SUPPLY:	43	19	24	130.0%	-	-	-	-
NATURAL GAS ⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	8,877,242	5,010,718	3,866,524	77.2%	84,352,254	62,364,347	21,987,907	35.3%
46 UNIT COST (\$/MCF)	4.00	5.19	(1.19)	-23.0%	4.15	4.91	(0.76)	-15.4%
47 AMOUNT (\$)	35,464,860	25,996,861	9,467,999	36.4%	350,112,872	305,964,386	44,148,486	14.4%
48 BURNED:								
49 UNITS (MCF)	8,669,845	5,205,270	3,464,575	66.6%	84,264,520	62,267,070	21,997,450	35.3%
50 UNIT COST (\$/MCF)	4.00	5.09	(1.09)	-21.3%	4.13	4.89	(0.76)	-15.6%
51 AMOUNT (\$)	34,711,006	26,488,480	8,222,526	31.0%	348,063,286	304,758,652	43,304,634	14.2%
52 ENDING INVENTORY:								
53 UNITS (MCF)	1,056,565	972,763	83,802	8.6%	1,056,565	972,763	83,802	8.6%
54 UNIT COST (\$/MCF)	3.13	3.18	(0.05)	-1.4%	3.13	3.18	(0.05)	-1.4%
55 AMOUNT (\$)	3,308,819	3,090,200	218,619	7.1%	3,308,819	3,090,200	218,619	7.1%
56								
57 DAYS SUPPLY:	4	3	1	33.3%	-	-	-	-
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 2017**

	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%	-	-	-	-	

* Reflects September 2017 data for Polk #3 CT

** Includes Polk Coal adjustment for June of 742.55 tons and \$54,581.46 and for August of 31.04 tons and \$2,926.96

⁽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	19,996
NON-INV EXPENSE	409,705
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	97,678
POLK NG IGNITION	28,828
AERIAL SURVEY ADJ	0
ADDITIVES	0
TOTAL	556,207

⁽³⁾ **RECONCILIATION - NATURAL GAS**

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(97,678)
POLK NG IGNITION		(28,828)
INVENTORY ADJ	0	288
TOTAL	0	(126,218)

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

(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	730.0	0.0	730.0	2.918	3.030	21,300.00	22,120.00	820.00
VARIOUS	JURISD.	MKT.BASE	1,130.0	0.0	1,130.0	4.809	5.290	54,340.02	59,780.00	5,439.98
TOTAL			1,860.0	0.0	1,860.0	4.067	4.403	75,640.02	81,900.00	6,259.98
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	3,489.0	0.0	3,489.0	1.913	2.104	66,729.61	73,402.57	2,453.30
DUKE ENERGY FLORIDA		SCH. - MA	620.0	0.0	620.0	1.956	2.566	12,126.30	15,908.17	2,264.32
NEW SMYRNA BEACH		SCH. - MA	8.0	0.0	8.0	1.939	2.955	155.12	236.38	61.93
ORLANDO UTILITIES		SCH. - MA	290.0	0.0	290.0	2.189	3.538	6,347.70	10,261.38	2,941.38
SEMINOLE ELECTRIC		SCH. - MA	1,600.0	0.0	1,600.0	2.260	3.507	36,160.00	56,108.78	17,988.78
SOUTHERN COMPANY		SCH. - MA	503.0	0.0	503.0	1.589	2.081	7,992.67	10,469.30	2,194.95
THE ENERGY AUTHORITY		SCH. - MA	155.0	0.0	155.0	2.000	2.778	3,099.40	4,305.32	811.22
EDF TRADING		SCH. - MA	600.0	0.0	600.0	2.022	2.503	12,132.00	15,020.09	1,406.09
MORGAN STANLEY		SCH. - MA	50.0	0.0	50.0	2.010	2.652	1,005.00	1,325.99	181.99
LESS 20% - THRESHOLD EXCESS		SCH. - D								(490.66)
LESS 20% - THRESHOLD EXCESS		SCH. - C								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - CB								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - MA								(5,570.13)
SUB-TOTAL CURRENT MONTH			7,315.0	0.0	7,315.0	1.992	2.557	145,747.80	187,037.98	24,243.17
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			3,489.0	0.0	3,489.0	1.913	2.104	66,729.61	73,402.57	1,962.64
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			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			3,826.0	0.0	3,826.0	2.065	2.970	79,018.19	113,635.41	22,280.53
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			7,315.0	0.0	7,315.0	1.992	2.557	145,747.80	187,037.98	24,243.17
CURRENT MONTH:										
DIFFERENCE			5,455.0	0.0	5,455.0	(2.075)	(1.846)	70,107.78	105,137.98	17,983.19
DIFFERENCE %			293.3%	0.0%	293.3%	-51.0%	-41.9%	92.7%	128.4%	287.3%
PERIOD TO DATE:										
ACTUAL			214,656.0	0.0	214,656.0	2.369	3.302	5,085,311.79	7,088,015.34	1,547,844.24
ESTIMATED			19,260.0	0.0	19,260.0	2.961	3.178	570,344.22	612,104.00	41,759.78
DIFFERENCE			195,396.0	0.0	195,396.0	(0.592)	0.124	4,514,967.57	6,475,911.34	1,506,084.46
DIFFERENCE %			1014.5%	0.0%	1014.5%	-20.0%	3.9%	791.6%	1058.0%	3606.5%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017**

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FROM OTHER UTILITIES	(5) MWH FOR INTER- RUPTIBLE	(6) MWH FOR FIRM	(7) CENTS/KWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED:								
PASCO COGEN	SCH. - D	8,470.0	0.0	0.0	8,470.0	4.707	4.707	398,720.00
TOTAL		8,470.0	0.0	0.0	8,470.0	4.707	4.707	398,720.00
ACTUAL:								
PASCO COGEN	SCH. - D	8,151.0	0.0	0.0	8,151.0	4.452	4.452	362,906.03
DUKE ENERGY FLORIDA	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
FLORIDA POWER & LIGHT	EMERG A	0.0	0.0	0.0	0.0	0.000	0.000	0.00
DUKE ENERGY FLORIDA	OATT	1,015.0	0.0	0.0	1,015.0	2.844	2.844	28,868.30
CALPINE TECM	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
CALPINE OSPREY	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL CURRENT MONTH		9,166.0	0.0	0.0	9,166.0	4.274	4.274	391,774.33
ADJUSTMENTS TO PRIOR MONTHS:								
FLORIDA POWER & LIGHT	Sept 2017 EMERG A	(609.0)	0.0	0.0	(609.0)	21.928	21.928	(133,541.52)
FLORIDA POWER & LIGHT	Sept 2017 EMERG A	609.0	0.0	0.0	609.0	18.896	18.896	115,076.64
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.0	0.000	0.000	(18,464.88)
SUB-TOTAL SCHEDULE D PURCHASED POWER		8,151.0	0.0	0.0	8,151.0	4.452	4.452	362,906.03
SUB-TOTAL SCHEDULE EMERGENCY A		0.0	0.0	0.0	0.0	0.000	0.000	(18,464.88)
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,015.0	0.0	0.0	1,015.0	2.844	2.844	28,868.30
TOTAL		9,166.0	0.0	0.0	9,166.0	4.073	4.073	373,309.45
CURRENT MONTH:								
DIFFERENCE		696.0	0.0	0.0	696.0	(0.634)	(0.634)	(25,410.55)
DIFFERENCE %		8.2%	0.0%	0.0%	8.2%	-13.5%	-13.5%	-6.4%
PERIOD TO DATE:								
ACTUAL		115,284.0	0.0	0.0	115,284.0	4.270	4.270	4,922,348.94
ESTIMATED		23,980.0	0.0	0.0	23,980.0	4.630	4.630	1,110,190.00
DIFFERENCE		91,304.0	0.0	0.0	91,304.0	(0.360)	(0.360)	3,812,158.94
DIFFERENCE %		380.8%	0.0%	0.0%	380.8%	-7.8%	-7.8%	343.4%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FROM OTHER UTILITIES	(5) MWH FOR INTER- RUPTIBLE	(6) MWH FOR FIRM	(7) CENTS/KWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED:								
VARIOUS								
	COGEN.							
	AS AVAIL.	7,520.0	0.0	0.0	7,520.0	3.058	3.058	229,930.00
TOTAL		7,520.0	0.0	0.0	7,520.0	3.058	3.058	229,930.00
ACTUAL:								
AS AVAILABLE								
CARGILL RIDGEWOOD	COGEN.	190.0	0.0	0.0	190.0	1.941	1.941	3,687.03
CARGILL MILLPOINT	COGEN.	4,053.0	0.0	0.0	4,053.0	2.165	2.165	87,759.58
CF INDUSTRIES INC.	COGEN.	826.0	0.0	0.0	826.0	2.142	2.142	17,692.42
IMC-AGRICO-NEW WALES	COGEN.	184.0	0.0	0.0	184.0	1.983	1.983	3,649.22
IMC-AGRICO-S. PIERCE	COGEN.	19,763.0	0.0	0.0	19,763.0	2.160	2.160	426,912.35
HILLSBOROUGH COUNTY	COGEN.	1.0	0.0	0.0	1.0	1.989	1.989	19.89
SUB-TOTAL CURRENT MONTH		25,017.0	0.0	0.0	25,017.0	2.157	2.157	539,720.49
NET METERING		0.8	0.0	0.0	0.8	2.212	2.212	16.72
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		25,017.8	0.0	0.0	25,017.8	2.157	2.157	539,737.21
CURRENT MONTH:								
DIFFERENCE		17,497.8	0.0	0.0	17,497.8	(0.900)	(0.900)	309,807.21
DIFFERENCE %		232.7%	0.0%	0.0%	232.7%	-29.4%	-29.4%	134.7%
PERIOD TO DATE:								
ACTUAL		152,909.4	0.0	0.0	152,909.4	2.228	2.228	3,406,172.93
ESTIMATED		75,140.0	0.0	0.0	75,140.0	2.730	2.730	2,051,690.00
DIFFERENCE		77,769.4	0.0	0.0	77,769.4	(0.503)	(0.503)	1,354,482.93
DIFFERENCE %		103.5%	0.0%	0.0%	103.5%	-18.4%	-18.4%	66.0%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUPTIBLE	(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	27,920.0	0.0	27,920.0	4.302	1,201,060.00	4.875	1,361,210.00	160,150.00
TOTAL		27,920.0	0.0	27,920.0	4.302	1,201,060.00	4.875	1,361,210.00	160,150.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	8,900.0	0.0	8,900.0	6.426	571,900.00	6.426	571,900.00	0.00
FLA. POWER & LIGHT	SCH. - J	41,115.0	0.0	41,115.0	4.300	1,768,010.00	4.318	1,775,472.75	7,462.75
ORLANDO UTIL. COMM.	SCH. - J	265.0	0.0	265.0	5.140	13,620.00	5.140	13,620.00	0.00
THE ENERGY AUTHORITY	SCH. - J	12,325.0	0.0	12,325.0	3.904	481,130.00	3.906	481,430.30	300.30
CITY OF TALLAHASSEE	SCH. - J	349.0	0.0	349.0	1.218	4,252.00	2.536	8,850.09	4,598.09
MORGAN STANLEY	SCH. - J	800.0	0.0	800.0	4.800	38,400.00	4.800	38,400.00	0.00
EDF TRADING	SCH. - J	2,398.0	0.0	2,398.0	5.203	124,760.00	5.203	124,760.00	0.00
EXGEN	SCH. - J	10,791.0	0.0	10,791.0	4.085	440,765.00	4.111	443,569.30	2,804.30
SOUTHERN COMPANY	SCH. - J	100.0	0.0	100.0	4.800	4,800.00	4.800	4,800.00	0.00
SUB-TOTAL CURRENT MONTH		77,043.0	0.0	77,043.0	4.475	3,447,637.00	4.495	3,462,802.44	15,165.44
ADJUSTMENTS TO PRIOR MONTHS:									
ORLANDO UTIL. COMM.	Sept 2017 SCH. - J	(4,850.0)	0.0	(4,850.0)	17.516	(849,518.00)	17.518	(849,606.50)	(88.50)
ORLANDO UTIL. COMM.	Sept 2017 SCH. - J	16,850.0	0.0	16,850.0	5.042	849,518.00	5.042	849,606.50	88.50
EXGEN	Sept 2017 SCH. - J	(41,670.0)	0.0	(41,670.0)	4.117	(1,715,430.00)	4.163	(1,734,779.00)	(19,349.00)
EXGEN	Sept 2017 SCH. - J	41,670.0	0.0	41,670.0	4.117	1,715,680.00	4.164	1,735,029.00	19,349.00
SUB-TOTAL ADJUSTMENTS		12,000.0	0.0	12,000.0	0.002	250.00	0.002	250.00	0.00
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		89,043.0	0.0	89,043.0	3.872	3,447,887.00	3.889	3,463,052.44	15,165.44
TOTAL		89,043.0	0.0	89,043.0	3.872	3,447,887.00	3.889	3,463,052.44	15,165.44
CURRENT MONTH:									
DIFFERENCE		61,123.0	0.0	61,123.0	(0.430)	2,246,827.00	(0.986)	2,101,842.44	(144,984.56)
DIFFERENCE %		218.9%	0.0%	218.9%	-10.0%	187.1%	-20.2%	154.4%	-90.5%
PERIOD TO DATE:									
ACTUAL		454,740.0	0.0	454,740.0	4.830	21,966,138.70	4.820	21,920,033.81	164,895.11
ESTIMATED		257,410.0	0.0	257,410.0	3.357	8,641,210.00	3.521	9,062,570.00	421,360.00
DIFFERENCE		197,330.0	0.0	197,330.0	1.474	13,324,928.70	1.300	12,857,463.81	(256,464.89)
DIFFERENCE %		76.7%	0.0%	76.7%	43.9%	154.2%	36.9%	141.9%	-60.9%

**CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: October 2017**

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
DUKE ENERGY FLORIDA	2/1/2016	2/28/2017	LT	QF = QUALIFYING FACILITY
PASCO COGEN LTD	1/1/2009	12/31/2018	LT	LT = LONG TERM
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	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
DUKE ENERGY FLORIDA	250.0	250.0	-	-	-	-	-	-	-	-	-	-
PASCO COGEN LTD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
SEMINOLE ELECTRIC	0.4	0.6	0.4	0.04	0.04	2.2	1.7	3.0	8.3	8.7		

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
TOTAL PURCHASES AND (SALES)	\$ 2,213,725	\$ 391,435	\$ 802,193	\$ 659,252	\$ 646,534	\$ 724,053	\$ 974,824	\$ 1,030,396	\$ 1,475,299	\$ 1,012,773	\$ -	\$ -	\$ 9,930,484
TOTAL CAPACITY	\$ 2,213,725	\$ 391,435	\$ 802,193	\$ 659,252	\$ 646,534	\$ 724,053	\$ 974,824	\$ 1,030,396	\$ 1,475,299	\$ 1,012,773	\$ -	\$ -	\$ 9,930,484

**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

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: AUGUST 2017

SCHEDULE A4
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(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)
TIA SOLAR	1.6	266	22.3	-	43.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,903	27.1	-	47.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	249	22.3	-	57.4	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	4,418	26.4	-	47.8	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	185	93,182	67.7	100.0	67.7	-	NG CO-FIRE	1,175,507	1,021,000	1,200,193.0	4,514,682	4.85	3.84
B.B.#1 COAL	385	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	385	93,182	32.5	100.0	32.5	12,880	-	-	-	1,200,193.0	4,514,682	4.85	-
B.B.#2 NAT GAS CO-FIRE	185	23,266	16.9	23.2	73.1	-	NG CO-FIRE	238,428	1,021,000	243,435.0	915,712	3.94	3.84
B.B.#2 COAL	385	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	385	23,266	8.1	23.2	35.1	10,463	-	-	-	243,435.0	915,712	3.94	-
B.B.#3 NAT GAS CO-FIRE	185	14,604	10.6	70.9	28.1	-	NG CO-FIRE	155,289	1,021,000	158,550.0	596,406	4.08	3.84
B.B.#3 COAL	395	173,484	59.0	70.9	137.7	-	COAL	81,041	22,819,391	1,849,306.3	6,766,461	3.90	83.49
BIG BEND #3 TOTAL	395	188,088	64.0	70.9	79.4	10,675	-	-	-	2,007,856.3	7,362,867	3.91	-
B.B.#4 NAT GAS CO-FIRE	175	8,364	6.4	16.2	63.7	-	NG CO-FIRE	98,316	1,021,000	100,381.0	377,596	4.51	3.84
B.B.#4 COAL	437	38,189	11.7	16.2	80.2	-	COAL	19,922	22,656,000	451,352.8	1,663,373	4.36	83.49
BIG BEND #4 TOTAL	437	46,553	14.3	16.2	58.0	11,852	-	-	-	551,733.8	2,040,969	4.38	-
B.B. IGNITION	-	-	-	-	-	-	-	24,558	1,021,000	25,074.0	94,319	-	3.84
BIG BEND 1-4 COAL TOTAL	1,602	211,673	17.8	21.9	31.6	10,869	GAS	100,963	22,787,151	2,300,659.1	8,429,834	3.98	83.49
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	3,728	8.9	95.5	87.5	10,815	GAS	39,490	1,021,000	40,319.0	151,665	4.07	3.84
BIG BEND CT #4 TOTAL	56	3,728	8.9	95.5	87.5	10,815	-	-	-	40,319.0	151,665	4.07	-
BIG BEND STATION TOTAL	1,658	354,817	28.8	53.0	52.6	11,396	-	-	-	4,043,537.1	15,080,214	4.25	-
POLK #1 GASIFIER	220	105,961	64.7	72.5	89.2	10,660	COAL	39,961	28,244,495	1,128,696.9	3,544,848	3.35	88.71
POLK #1 CT (GAS)	195	56,950	39.3	98.5	40.2	7,969	GAS	444,483	1,021,000	453,817.0	1,707,091	3.00	3.84
POLK #1 TOTAL	220	162,911	99.5	98.5	100.7	9,719	-	-	-	1,582,513.9	5,251,939	3.22	-
POLK #2 ST DUCT FIRING	120	33,602	37.6	-	91.7	8,400	GAS	276,449	1,021,000	282,255.0	1,061,739	3.16	3.84
POLK #2 ST W/O DUCT FIRING	341	248,770	98.1	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	282,372	82.3	98.7	82.3	-	GAS	-	-	282,255.0	1,061,739	0.38	-
POLK #2 CT (GAS)	150	107,256	96.1	100.0	96.1	11,110	GAS	1,167,101	1,021,000	1,191,610.0	4,482,396	4.18	3.84
POLK #2 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	107,256	96.1	100.0	96.1	11,110	-	-	-	1,191,610.0	4,482,396	4.18	-
POLK #3 CT (GAS)	150	100,807	90.3	97.6	94.8	11,068	GAS	1,092,785	1,021,000	1,115,733.0	4,196,974	4.16	3.84
POLK #3 CT (OIL)	159	0	0.0	97.6	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	100,807	90.3	97.6	94.8	11,068	-	-	-	1,115,733.0	4,196,974	4.16	-
POLK #4 (GAS)	150	110,996	99.5	100.0	99.5	10,223	GAS	1,111,413	1,021,000	1,134,753.0	4,268,521	3.85	3.84
POLK #5 (GAS)	150	109,057	97.7	100.0	99.0	10,794	GAS	1,152,990	1,021,000	1,177,203.0	4,428,202	4.06	3.84
POLK #2 CC TOTAL	1,061	710,488	90.0	98.8	90.8	6,899	GAS	-	-	4,901,554.0	18,437,832	2.60	-
POLK STATION TOTAL	1,281	873,399	91.6	98.8	92.5	7,425	-	-	-	6,484,067.9	23,689,771	2.71	-
BAYSIDE ST 1	233	117,466	67.8	100.0	67.8	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	77,303	66.6	100.0	80.8	11,556	GAS	874,920	1,021,000	893,294.0	3,361,289	4.35	3.84
BAYSIDE CT1B	156	66,373	57.2	90.6	81.1	11,555	GAS	751,148	1,021,000	766,922.0	2,885,779	4.35	3.84
BAYSIDE CT1C	156	73,375	63.2	100.0	83.5	11,286	GAS	811,052	1,021,000	828,084.0	3,115,920	4.25	3.84
BAYSIDE UNIT 1 TOTAL	701	334,517	64.1	96.9	64.1	7,438	GAS	2,437,120	1,021,000	2,488,300.0	9,362,988	2.80	3.84
BAYSIDE ST 2	305	145,725	64.2	98.0	65.5	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	73,120	63.0	96.9	83.0	11,442	GAS	819,414	1,021,000	836,622.0	3,148,045	4.31	3.84
BAYSIDE CT2B	156	74,377	64.1	98.3	82.3	11,833	GAS	862,028	1,021,000	880,131.0	3,311,760	4.45	3.84
BAYSIDE CT2C	156	61,812	53.3	97.5	84.1	11,614	GAS	703,117	1,021,000	717,882.0	2,701,252	4.37	3.84
BAYSIDE CT2D	156	62,591	53.9	96.7	83.0	11,749	GAS	720,240	1,021,000	735,365.0	2,767,036	4.42	3.84
BAYSIDE UNIT 2 TOTAL	929	417,625	60.4	95.4	61.6	7,591	GAS	3,104,799	1,021,000	3,170,000.0	11,928,093	2.86	3.84
BAYSIDE UNIT 3 TOTAL	56	4,197	10.1	100.0	90.5	11,254	GAS	46,262	1,021,000	47,233.0	177,729	4.23	3.84
BAYSIDE UNIT 4 TOTAL	56	3,941	9.5	99.9	93.3	11,153	GAS	43,051	1,021,000	43,955.0	165,394	4.20	3.84
BAYSIDE UNIT 5 TOTAL	56	577	1.4	99.9	78.9	12,139	GAS	6,860	1,021,000	7,004.0	26,355	4.57	3.84
BAYSIDE UNIT 6 TOTAL	56	1,905	4.6	100.0	79.7	11,419	GAS	21,306	1,021,000	21,753.0	81,852	4.30	3.84
BAYSIDE STATION TOTAL	1,854	762,762	55.3	96.5	63.0	7,575	GAS	5,659,398	1,021,000	5,778,245.0	21,742,411	2.85	3.84
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	-	-	-	0	-	-
SYSTEM	4,815	1,995,396	55.7	82.1	70.3	8,172	-	-	-	16,305,850.0	60,512,396	3.03	-

Footnotes: (1) As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.

(2) Fuel burned (MM BTU) system total excludes ignition.

(3) Polk #2 ST commenced commercial operation on January 16, 2017.

(4) Big Bend solar commenced commercial operation on February 10, 2017.

LEGEND: B.B. = BIG BEND NG = NATURAL GAS CC = COMBINED CYCLE
CT = COMBUSTION TURBINE ST = STEAM



**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: JUNE 2017**

SCHEDULE A4
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(A) PLANT/UNIT	(B) NET CAP-ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) ⁽²⁾	(L) AS BURNED FUEL COST (\$) ⁽¹⁾	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	234	20.3	-	39.2	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,238	23.2	-	41.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	209	19.4	-	34.2	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	3,681	22.8	-	40.9	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	143	5,166	5.0	65.4	18.2	-	NG CO-FIRE	58,235	1,023,000	59,574.0	247,788	4.80	4.25
B.B.#1 COAL	385	66,016	23.8	65.4	54.8	-	COAL	30,923	24,177,930	747,654.1	2,392,052	3.72	77.36
BIG BEND #1 TOTAL	385	71,182	25.7	65.4	59.0	11,340	-	-	-	807,228.1	2,639,840	3.61	-
B.B.#2 NAT GAS CO-FIRE	143	2,883	2.8	95.4	24.3	-	NG CO-FIRE	30,806	1,023,000	31,514.0	131,077	4.55	4.25
B.B.#2 COAL	385	213,866	77.2	95.4	81.1	-	COAL	97,000	23,690,240	2,297,953.3	7,503,445	3.51	77.36
BIG BEND #2 TOTAL	385	216,749	78.2	95.4	81.8	10,747	-	-	-	2,329,467.3	7,634,522	3.52	-
B.B.#3 NAT GAS CO-FIRE	143	2,860	2.8	52.9	22.5	-	NG CO-FIRE	30,655	1,023,000	31,360.0	130,436	4.56	4.25
B.B.#3 COAL	395	128,769	45.3	52.9	83.2	-	COAL	57,449	24,161,923	1,388,078.3	4,443,973	3.45	77.36
BIG BEND #3 TOTAL	395	131,629	46.3	52.9	80.0	10,784	-	-	-	1,419,438.3	4,574,409	3.48	-
B.B.#4 NAT GAS CO-FIRE	165	864	0.7	84.1	6.3	-	NG CO-FIRE	9,390	1,023,000	9,606.0	39,955	4.62	4.26
B.B.#4 COAL	437	231,709	73.6	84.1	74.2	-	COAL	107,935	23,572,412	2,544,288.2	8,349,323	3.60	77.36
BIG BEND #4 TOTAL	437	232,573	73.9	84.1	74.4	10,981	-	-	-	2,553,894.2	8,389,278	3.61	-
B.B. IGNITION	-	-	-	-	-	-	GAS	45,546	1,023,000	46,594.0	193,800	-	4.26
BIG BEND 1-4 COAL TOTAL	1,602	640,360	55.5	74.6	74.2	10,897	COAL	293,307	23,790,683	6,977,973.9	22,688,793	3.54	77.36
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	1,234	3.1	98.1	89.9	11,253	GAS	13,574	1,023,000	13,886.0	57,756	4.68	4.25
BIG BEND CT #4 TOTAL	56	1,234	3.1	98.1	89.9	11,253	-	-	-	13,886.0	57,756	4.68	-
BIG BEND STATION TOTAL	1,658	653,367	54.7	75.4	75.6	10,903	-	-	-	7,123,913.9	23,489,605	3.60	-
POLK #1 GASIFIER	220	88,885	56.1	63.3	88.6	11,473	COAL	35,974	27,774,898	999,155.7	2,705,282	3.04	75.20
POLK #1 CT (GAS)	195	58,504	41.7	99.8	43.1	8,126	GAS	464,730	1,023,000	475,419.0	1,977,421	3.38	4.25
POLK #1 TOTAL	220	147,389	93.0	99.8	93.3	10,145	-	-	-	1,474,574.7	4,682,703	3.18	-
POLK #2 ST DUCT FIRING	120	7,133	8.3	-	90.0	8,400	GAS	58,569	1,023,000	59,916.0	249,210	3.49	4.25
POLK #2 ST W/O DUCT FIRING	339	198,858	81.5	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	459	205,991	62.3	98.9	62.5	-	GAS	-	-	59,916.0	249,210	0.12	-
POLK #2 CT (GAS)	151	96,639	88.9	100.0	90.9	11,161	GAS	1,054,376	1,023,000	1,078,627.0	4,486,358	4.64	4.25
POLK #2 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	151	96,639	88.9	100.0	90.9	11,161	-	-	-	1,078,627.0	4,486,358	4.64	-
POLK #3 CT (GAS)	151	78,012	71.8	98.9	92.2	11,027	GAS	840,861	1,023,000	860,201.0	3,577,854	4.59	4.25
POLK #3 CT (OIL)	159	0	0.0	98.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	151	78,012	71.8	98.9	92.2	11,027	-	-	-	860,201.0	3,577,854	4.59	-
POLK #4 (GAS)	151	88,309	81.2	100.0	92.1	10,502	GAS	906,550	1,023,000	927,401.0	3,857,361	4.37	4.25
POLK #5 (GAS)	151	81,916	75.3	94.1	91.1	10,966	GAS	878,079	1,023,000	898,275.0	3,736,216	4.56	4.25
POLK #2 CC TOTAL	1,063	550,867	72.0	98.1	78.0	6,943	GAS	-	-	3,824,420.0	15,906,999	2.89	-
POLK STATION TOTAL	1,283	698,256	75.6	98.4	80.8	7,618	-	-	-	5,298,994.7	20,589,702	2.95	-
BAYSIDE ST 1	233	83,699	49.9	99.8	50.0	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	52,801	47.0	98.0	80.7	11,365	GAS	606,889	1,023,000	620,847.0	2,583,648	4.89	4.26
BAYSIDE CT1B	156	61,793	55.0	95.3	80.7	11,301	GAS	705,603	1,023,000	721,832.0	3,003,894	4.86	4.26
BAYSIDE CT1C	156	41,378	36.8	99.6	80.7	11,048	GAS	461,186	1,023,000	471,793.0	1,963,361	4.74	4.26
BAYSIDE UNIT 1 TOTAL	701	239,671	47.5	97.5	47.6	7,325	GAS	1,773,678	1,023,000	1,814,472.0	7,550,903	3.15	4.26
BAYSIDE ST 2	305	87,936	40.0	100.0	40.0	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	41,506	37.0	78.9	80.0	11,250	GAS	473,023	1,023,000	483,903.0	2,013,755	4.85	4.26
BAYSIDE CT2B	156	43,678	38.9	96.7	79.8	11,503	GAS	507,680	1,023,000	519,357.0	2,161,297	4.95	4.26
BAYSIDE CT2C	156	43,611	38.8	85.9	79.6	11,644	GAS	512,067	1,023,000	523,844.0	2,179,973	5.00	4.26
BAYSIDE CT2D	156	36,822	32.8	95.4	79.4	11,660	GAS	433,112	1,023,000	443,074.0	1,843,846	5.01	4.26
BAYSIDE UNIT 2 TOTAL	929	253,553	37.9	89.2	37.9	7,519	GAS	1,925,882	1,023,000	1,970,178.0	8,198,871	3.23	4.26
BAYSIDE UNIT 3 TOTAL	56	473	1.2	99.1	86.0	12,461	GAS	5,762	1,023,000	5,894.0	24,528	5.19	4.26
BAYSIDE UNIT 4 TOTAL	56	1,993	4.9	99.1	73.9	11,158	GAS	72,588	1,023,000	22,236.9	309,024	15.51	4.26
BAYSIDE UNIT 5 TOTAL	56	344	0.9	98.1	21.4	12,339	GAS	6,781	1,023,000	4,244.6	28,868	8.39	4.26
BAYSIDE UNIT 6 TOTAL	56	969	2.4	98.3	49.1	11,772	GAS	11,151	1,023,000	11,407.0	47,470	4.90	4.26
BAYSIDE STATION TOTAL	1,854	497,003	37.2	93.5	42.1	7,456	GAS	3,795,842	1,023,000	3,828,432.6	16,159,664	3.25	4.26
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	-	-	-	0	-	-
SYSTEM TOTAL	4,817	1,852,307	53.4	88.5	63.5	8,719	-	-	-	16,251,341.2	60,238,971	3.25	-

Footnotes:

⁽¹⁾ As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.

⁽³⁾ Polk #2 ST commenced commercial operation on January 16, 2017.

⁽⁴⁾ Big Bend solar commenced commercial operation on February 10, 2017.

LEGEND:

B.B. = BIG BEND

NG = NATURAL GAS

CT = COMBUSTION TURBINE

ST = STEAM

⁽⁵⁾ Includes coal consumption adjustment to Big Bend #3 of \$150,676.70 for February 2017.