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May 25, 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

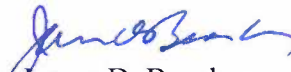
Dear Ms. Stauffer:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of April 2018 as well as the following revised pages:

Schedule A3	March 2018	2 Pages
Schedule A4	March 2018	2 Pages

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 25th day of May 2018 to the following:

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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: April 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	46,551,988	45,706,999	844,989	1.8%	1,549,247	1,540,960	8,287	0.5%	3.00481	2.96614	0.03868	1.3%
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	412,870	412,870	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	274,161	274,161	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)	47,239,019	46,394,030	844,989	1.8%	1,549,247	1,540,960	8,287	0.5%	3.04916	3.01072	0.03844	1.3%
6. Fuel Cost of Purchased Power - Firm (A7)	761,900	107,650	654,250	607.8%	10,277	2,650	7,627	287.8%	7.41364	4.06226	3.35138	82.5%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	1,301,372	930,880	370,492	39.8%	34,056	27,320	6,736	24.7%	3.82127	3.40732	0.41395	12.1%
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)	288,273	158,380	129,893	82.0%	12,485	7,480	5,005	66.9%	2.30895	2.11738	0.19158	9.0%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	2,351,545	1,196,910	1,154,635	96.5%	56,818	37,450	19,368	51.7%	4.13873	3.19602	0.94271	29.5%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,606,065	1,578,410	27,655	1.8%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	56,029	27,010	29,019	107.4%	2,591	1,080	1,511	139.9%	2.16245	2.50093	(0.33848)	-13.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	8,417	0	8,417	0.0%	569	0	569	0.0%	1.47926	0.00000	1.47926	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)	1,258,131	26,779	1,231,352	4598.2%	51,002	990	50,012	5051.7%	2.46683	2.70495	(0.23812)	-8.8%
18. Gains on Sales	244,913	4,517	240,396	5322.0%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	1,567,490	58,306	1,509,184	2588.4%	54,162	2,070	52,092	2516.5%	2.89408	2.81671	0.07736	2.7%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(159)	0	(159)	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					2,475	0	2,475	0.0%				
22. Interchange and Wheeling Losses					3,503	(58)	3,561	-6176.8%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	48,023,074	47,532,634	490,440	1.0%	1,550,716	1,576,398	(25,682)	-1.6%	3.09683	3.01527	0.08156	2.7%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	2,467,959 (a)	1,369,596 (a)	1,098,363	80.2%	79,693	45,422	34,271	75.5%	3.09683	3.01527	0.08156	2.7%
25. Company Use	95,290 (a)	87,443 (a)	7,847	9.0%	3,077	2,900	177	6.1%	3.09685	3.01528	0.08157	2.7%
26. T & D Losses	1,871,323 (a)	2,514,603 (a)	(643,280)	-25.6%	60,427	83,396	(22,969)	-27.5%	3.09683	3.01527	0.08156	2.7%
27. System KWH Sales	48,023,074	47,532,634	490,440	1.0%	1,407,519	1,444,680	(37,161)	-2.6%	3.41190	3.29018	0.12171	3.7%
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	48,023,074	47,532,634	490,440	1.0%	1,407,519	1,444,680	(37,161)	-2.6%	3.41190	3.29018	0.12171	3.7%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	48,023,074	47,532,634	490,440	1.0%	1,407,519	1,444,680	(37,161)	-2.6%	3.41190	3.29018	0.12171	3.7%
32. Adjustment	0	0	0	0.0%	1,407,519	1,444,680	(37,161)	-2.6%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(1,423,428)	(1,423,428)	0	0.0%	1,407,519	1,444,680	(37,161)	-2.6%	(0.10113)	(0.09853)	(0.00260)	2.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	46,599,646	46,109,206	490,440	1.1%	1,407,519	1,444,680	(37,161)	-2.6%	3.31076	3.19166	0.11911	3.7%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	46,633,198	46,142,405	490,793	1.1%	1,407,519	1,444,680	(37,161)	-2.6%	3.31315	3.19395	0.11920	3.7%
37. GPIF * (Already Adjusted for Taxes)	3,949	3,949	0	0.0%	1,407,519	1,444,680	(37,161)	-2.6%	0.00028	0.00027	0.00001	2.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	46,637,147	46,146,354	490,793	1.1%	1,407,519	1,444,680	(37,161)	-2.6%	3.31343	3.19422	0.11921	3.7%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.313	3.194	0.119	3.7%

* 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: April 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	187,270,001	183,906,279	3,363,722	1.8%	5,870,263	5,774,280	95,983	1.7%	3.19015	3.18492	0.00523	0.2%
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	1,666,813	1,666,813	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	1,108,489	1,108,489	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)	190,045,303	186,681,581	3,363,722	1.8%	5,870,263	5,774,280	95,983	1.7%	3.23742	3.23298	0.00444	0.1%
6. Fuel Cost of Purchased Power - Firm (A7)	2,339,486	366,220	1,973,266	538.8%	44,454	8,280	36,174	436.9%	5.26271	4.42295	0.83977	19.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	8,478,881	3,302,630	5,176,251	156.7%	209,694	103,940	105,754	101.7%	4.04345	3.17744	0.86602	27.3%
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)	1,437,423	858,520	578,903	67.4%	57,516	30,040	27,476	91.5%	2.49917	2.85792	(0.35875)	-12.6%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	12,255,790	4,527,370	7,728,420	170.7%	311,664	142,260	169,404	119.1%	3.93237	3.18246	0.74991	23.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					6,181,927	5,916,540	265,387	4.5%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	199,271	94,710	104,561	110.4%	8,546	3,440	5,106	148.4%	2.33175	2.75320	(0.42145)	-15.3%
15. Fuel Cost of Sch. C/CB Sales (A6)	64,881	0	64,881	0.0%	3,736	0	3,736	0.0%	1.73664	0.00000	1.73664	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)	3,720,029	128,968	3,591,061	2784.5%	133,679	4,020	129,659	3225.3%	2.78281	3.20816	(0.42535)	-13.3%
18. Gains on Sales	1,369,610	19,351	1,350,259	6977.7%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	5,353,791	243,029	5,110,762	2102.9%	145,961	7,460	138,501	1856.6%	3.66796	3.25776	0.41020	12.6%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					126	0	126	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					6,068	0	6,068	0.0%				
22. Interchange and Wheeling Losses					8,839	(199)	9,038	-4531.2%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	196,947,302	190,965,922	5,981,380	3.1%	6,033,321	5,909,279	124,042	2.1%	3.26433	3.23163	0.03270	1.0%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(154) (a)	(797,544) (a)	797,390	-100.0%	3,583	(22,001)	25,584	-116.3%	(0.00430)	3.62504	(3.62933)	-100.1%
25. Company Use	421,412 (a)	375,414 (a)	45,998	12.3%	12,862	11,600	1,262	10.9%	3.27641	3.23633	0.04008	1.2%
26. T & D Losses	8,640,145 (a)	8,601,188 (a)	38,957	0.5%	262,927	267,530	(4,603)	-1.7%	3.28614	3.21503	0.07111	2.2%
27. System KWH Sales	196,947,302	190,965,922	5,981,380	3.1%	5,753,949	5,652,150	101,799	1.8%	3.42282	3.37864	0.04418	1.3%
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	196,947,302	190,965,922	5,981,380	3.1%	5,753,949	5,652,150	101,799	1.8%	3.42282	3.37864	0.04418	1.3%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	196,947,302	190,965,922	5,981,380	3.1%	5,753,949	5,652,150	101,799	1.8%	3.42282	3.37864	0.04418	1.3%
32. Adjustments - Schedule A2, page 2, lines 6c and 7a	190,412	0	190,412	0.0%	5,753,949	5,652,150	101,799	1.8%	0.00331	0.00000	0.00331	0.0%
33. True-up *	(5,693,712)	(5,693,712)	0	0.0%	5,753,949	5,652,150	101,799	1.8%	(0.09895)	(0.10074)	0.00178	-1.8%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	191,444,002	185,272,210	6,171,792	3.3%	5,753,949	5,652,150	101,799	1.8%	3.32718	3.27791	0.04927	1.5%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	191,581,841	185,405,606	6,176,235	3.3%	5,753,949	5,652,150	101,799	1.8%	3.32957	3.28027	0.04930	1.5%
37. GPIF * (Already Adjusted for Taxes)	15,796	15,796	0	0.0%	5,753,949	5,652,150	101,799	1.8%	0.00027	0.00028	(0.00000)	-1.8%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	191,597,637	185,421,402	6,176,235	3.3%	5,753,949	5,652,150	101,799	1.8%	3.32984	3.28055	0.04930	1.5%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.330	3.281	0.049	1.5%

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	46,551,988	45,706,999	844,989	1.8%	187,270,001	183,906,279	3,363,722	1.8%	
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%	
2. FUEL COST OF POWER SOLD	1,322,577	53,789	1,268,788	2358.8%	3,984,181	223,678	3,760,503	1681.2%	
2a. GAINS FROM SALES	244,913	4,517	240,396	5322.0%	1,369,610	19,351	1,350,259	6977.7%	
3. FUEL COST OF PURCHASED POWER	761,900	107,650	654,250	607.8%	2,339,486	366,220	1,973,266	538.8%	
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%	
3b. PAYMENT TO QUALIFIED FACILITIES	288,273	158,380	129,893	82.0%	1,437,423	858,520	578,903	67.4%	
4. ENERGY COST OF ECONOMY PURCHASES	<u>1,301,372</u>	<u>930,880</u>	<u>370,492</u>	<u>39.8%</u>	<u>8,478,881</u>	<u>3,302,630</u>	<u>5,176,251</u>	<u>156.7%</u>	
5. TOTAL FUEL & NET POWER TRANSACTION	47,336,043	46,845,603	490,440	1.0%	194,172,000	188,190,620	5,981,380	3.2%	
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	412,870	412,870	0	0.0%	1,666,813	1,666,813	0	0.0%	
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	274,161	274,161	0	0.0%	1,108,489	1,108,489	0	0.0%	
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>	
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	<u>48,023,074</u>	<u>47,532,634</u>	<u>490,440</u>	<u>1.0%</u>	<u>196,947,302</u>	<u>190,965,922</u>	<u>5,981,380</u>	<u>3.1%</u>	

B. MWH SALES

1. JURISDICTIONAL SALES	1,407,519	1,444,680	(37,161)	-2.6%	5,753,949	5,652,150	101,799	1.8%
2. NONJURISDICTIONAL SALES	<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. TOTAL SALES	<u>1,407,519</u>	<u>1,444,680</u>	<u>(37,161)</u>	<u>-2.6%</u>	<u>5,753,949</u>	<u>5,652,150</u>	<u>101,799</u>	<u>1.8%</u>
4. JURISDIC. SALES-% TOTAL MWH SALES	1.0000000	1.0000000	0.0000000	0.0%	1.0000000	1.0000000	0.0000000	0.0%

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	43,226,153	44,540,939	(1,314,786)	-3.0%	177,405,288	174,144,482	3,260,806	1.9%
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%	5,693,712	5,693,712	0	0.0%
2b. INCENTIVE PROVISION	(3,949)	(3,949)	0	0.0%	(15,796)	(15,796)	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>44,645,632</u>	<u>45,960,418</u>	<u>(1,314,786)</u>	<u>-2.9%</u>	<u>183,083,204</u>	<u>179,822,398</u>	<u>3,260,806</u>	<u>1.8%</u>
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	48,023,074	47,532,634	490,440	1.0%	196,947,302	190,965,922	5,981,380	3.1%
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.	48,023,074	47,532,634	490,440	1.0%	196,947,302	190,965,922	5,981,380	3.1%
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)	48,023,074	47,532,634	490,440	1.0%	196,947,302	190,965,922	5,981,380	3.1%
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>48,023,074</u>	<u>47,532,634</u>	<u>490,440</u>	<u>1.0%</u>	<u>196,947,302</u>	<u>190,965,922</u>	<u>5,981,380</u>	<u>3.1%</u>
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	(3,377,442)	(1,572,216)	(1,805,226)	114.8%	(13,864,098)	(11,143,524)	(2,720,574)	24.4%
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	10,830	2,922	7,908	270.6%	61,681	54,082	7,599	14.1%
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%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	9,387,213	3,290,705	6,096,508	185.3%	-----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>4,597,173</u>	<u>297,983</u>	<u>4,299,190</u>	<u>1442.8%</u>	-----NOT APPLICABLE-----			

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	9,387,213	3,290,705	6,096,508	185.3%				NOT APPLICABLE
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>4,586,343</u>	<u>295,061</u>	<u>4,291,282</u>	<u>1454.4%</u>				NOT APPLICABLE
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>13,973,556</u>	<u>3,585,766</u>	<u>10,387,790</u>	<u>289.7%</u>				NOT APPLICABLE
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	6,986,778	1,792,883	5,193,895	289.7%				NOT APPLICABLE
5. INT. RATE-FIRST DAY REP. BUS. MONTH	1.860	1.950	(0.090)	-4.6%				NOT APPLICABLE
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>1.850</u>	<u>1.950</u>	<u>(0.100)</u>	<u>-5.1%</u>				NOT APPLICABLE
7. TOTAL (LINE D5 + LINE D6)	<u>3.710</u>	<u>3.900</u>	<u>(0.190)</u>	<u>-4.9%</u>				NOT APPLICABLE
8. AVERAGE INT. RATE (50% OF LINE D7)	1.855	1.950	(0.095)	-4.9%				NOT APPLICABLE
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.155	0.163	(0.008)	-4.9%				NOT APPLICABLE
10. INT. PROVISION (LINE D4 x LINE D9)	<u>10,830</u>	<u>2,922</u>	<u>7,908</u>	<u>270.6%</u>				NOT APPLICABLE

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	0	53,543	(53,543)	-100.0%	0	226,920	(226,920)	-100.0%
3 COAL	15,248,389	12,065,932	3,182,457	26.4%	46,823,915	54,815,437	(7,991,522)	-14.6%
4 NATURAL GAS	31,303,599	33,587,524	(2,283,925)	-6.8%	140,446,086	128,863,922	11,582,164	9.0%
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 (\$)	46,551,988	45,706,999	844,989	1.8%	187,270,001	183,906,279	3,363,722	1.8%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	220	(220)	-100.0%	0	960	(960)	-100.0%
10 COAL	424,976	384,760	40,216	10.5%	1,283,713	1,809,800	(526,087)	-29.1%
11 NATURAL GAS	1,119,295	1,151,110	(31,815)	-2.8%	4,571,106	3,948,050	623,056	15.8%
12 NUCLEAR	0	0	0	0.0%	0	0	0	0.0%
13 OTHER	4,976	4,870	106	2.2%	15,444	15,470	(26)	-0.2%
14 TOTAL (MWH)	1,549,247	1,540,960	8,287	0.5%	5,870,263	5,774,280	95,983	1.7%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	420	(420)	-100.0%	0	1,780	(1,780)	-100.0%
17 COAL (TON)	191,953	162,120	29,833	18.4%	575,447	768,300	(192,853)	-25.1%
18 NATURAL GAS (MCF)	8,155,031	8,223,690	(68,659)	-0.8%	34,076,903	27,905,590	6,171,313	22.1%
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	0	2,440	(2,440)	-100.0%	0	10,360	(10,360)	-100.0%
23 COAL	4,577,088	3,991,810	585,278	14.7%	14,097,725	18,675,040	(4,577,315)	-24.5%
24 NATURAL GAS	8,326,287	8,430,630	(104,343)	-1.2%	34,844,456	28,585,230	6,259,226	21.9%
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)	12,903,375	12,424,880	478,495	3.9%	48,942,181	47,270,630	1,671,551	3.5%
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%	0.01%	-0.01%	-100.0%	0.00%	0.02%	-0.02%	-100.0%
30 COAL	27.43%	24.97%	2.46%	9.9%	21.87%	31.34%	-9.47%	-30.2%
31 NATURAL GAS	72.25%	74.70%	-2.45%	-3.3%	77.87%	68.37%	9.50%	13.9%
32 NUCLEAR	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
33 OTHER	0.32%	0.32%	0.01%	1.6%	0.26%	0.27%	0.00%	-1.8%
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)	0.00	127.48	(127.48)	-100.0%	0.00	127.48	(127.48)	-100.0%
37 COAL (\$/TON)	79.44	74.43	5.01	6.7%	81.37	71.35	10.02	14.0%
38 NATURAL GAS (\$/MCF)	3.84	4.08	(0.25)	-6.0%	4.12	4.62	(0.50)	-10.7%
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	0.00	21.94	(21.94)	-100.0%	0.00	21.90	(21.90)	-100.0%
43 COAL	3.33	3.02	0.31	10.2%	3.32	2.94	0.39	13.2%
44 NATURAL GAS	3.76	3.98	(0.22)	-5.6%	4.03	4.51	(0.48)	-10.6%
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)	3.61	3.68	(0.07)	-1.9%	3.83	3.89	(0.06)	-1.6%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	11,091	(11,091)	-100.0%	0	10,792	(10,792)	-100.0%
50 COAL	10,770	10,375	395	3.8%	10,982	10,319	663	6.4%
51 NATURAL GAS	7,439	7,324	115	1.6%	7,623	7,240	383	5.3%
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)	8,329	8,063	266	3.3%	8,337	8,186	151	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	0.00	24.34	(24.34)	-100.0%	0.00	23.64	(23.64)	-100.0%
57 COAL	3.59	3.14	0.45	14.3%	3.65	3.03	0.62	20.5%
58 NATURAL GAS	2.80	2.92	(0.12)	-4.1%	3.07	3.26	(0.19)	-5.8%
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)	3.00	2.97	0.03	1.0%	3.19	3.18	0.01	0.3%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 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 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	401	34.8	-	63.9	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,348	31.2	-	62.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	227	21.0	-	41.6	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	4,976	30.8	-	61.3	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	185	0	0.0	77.8	0.0	-	GAS	0	0	0.0	0	0.00	0.00
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	0	0.0	63.6	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#2 (GAS)	185	48,780	36.6	37.6	97.3	-	GAS	489,745	1,021,000	500,030.0	1,879,312	3.85	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	48,780	17.6	33.5	46.8	10,251	-	-	-	500,030.0	1,879,312	3.85	-
B.B.#3 (GAS)	185	12,204	9.2	75.1	24.8	-	GAS	131,922	1,021,000	134,693.0	506,230	4.15	3.84
B.B.#3 (COAL)	395	168,878	59.4	66.2	155.5	-	COAL	77,046	23,759,455	1,830,570.9	6,090,198	3.61	79.05
BIG BEND #3 TOTAL	395	181,082	63.7	66.2	84.8	10,853	-	-	-	1,965,263.9	6,596,428	3.64	-
B.B.#4 (GAS)	175	1,172	0.9	99.9	5.5	-	GAS	12,288	1,021,000	12,546.0	47,153	4.02	3.84
B.B.#4 (COAL)	437	259,359	82.4	87.7	99.2	-	COAL	114,907	23,902,067	2,746,516.6	9,082,968	3.50	79.05
BIG BEND #4 TOTAL	437	260,531	82.8	87.7	82.8	10,575	-	-	-	2,759,062.6	9,130,121	3.50	-
B.B. IGNITION	-	-	-	-	-	-	GAS	19,800	1,021,000	20,216.0	75,980	-	3.84
BIG BEND 1-4 COAL TOTAL	1,602	428,237	37.1	40.3	67.7	10,679	COAL	191,953	23,844,775	4,577,087.5	15,173,166	3.54	79.05
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	2,252	5.6	94.5	92.6	10,914	GAS	24,073	1,021,000	24,579.0	92,378	4.10	3.84
BIG BEND CT #4 TOTAL	56	2,252	5.6	94.5	92.6	10,914	-	-	-	24,579.0	92,378	4.10	-
BIG BEND STATION TOTAL	1,658	492,645	41.3	64.6	77.6	10,646	-	-	-	5,248,935.5	17,774,219	3.61	-
POLK #1 GASIFIER	220	(3,261)	0.0	0.0	0.0	0	COAL	0	0	0.0	(757)	0.02	0.00
POLK #1 CT (GAS)	195	63,722	45.4	82.1	71.9	8,677	GAS	541,524	1,021,000	552,896.0	2,078,003	3.26	3.84
POLK #1 TOTAL	220	60,461	38.2	72.8	60.5	9,145	-	-	-	552,896.0	2,077,246	3.44	-
POLK #2 ST DUCT FIRING	120	32,256	37.3	-	91.7	8,400	GAS	265,377	1,021,000	270,950.0	1,018,338	3.16	3.84
POLK #2 ST W/O DUCT FIRING	341	221,880	90.4	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	254,136	76.6	98.9	76.6	-	GAS	-	-	270,950.0	1,018,338	0.40	-
POLK #2 CT (GAS)	150	100,928	93.5	100.0	95.4	11,036	GAS	1,090,911	1,021,000	1,113,820.0	4,186,179	4.15	3.84
POLK #2 CT (OIL)	159	0	0.0	100.0	0.0	0	LG.T.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	100,928	93.5	100.0	95.4	11,036	-	-	-	1,113,820.0	4,186,179	4.15	-
POLK #3 CT (GAS)	150	95,885	88.8	100.0	98.1	10,789	GAS	1,013,225	1,021,000	1,034,503.0	3,888,074	4.05	3.84
POLK #3 CT (OIL)	159	0	0.00	100.0	0.0	0	LG.T.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	95,885	88.8	100.0	98.1	10,789	-	-	-	1,034,503.0	3,888,074	4.05	-
POLK #4 (GAS)	150	99,683	92.3	97.6	98.6	10,700	GAS	1,044,643	1,021,000	1,066,580.0	4,008,632	4.02	3.84
POLK #5 (GAS)	150	83,944	77.7	98.1	98.9	10,751	GAS	883,953	1,021,000	902,516.0	3,392,014	4.04	3.84
POLK #2 CC TOTAL	1,061	634,576	83.1	98.9	83.1	6,915	GAS	-	-	4,388,369.0	16,493,237	2.60	-
POLK STATION TOTAL	1,281	695,037	75.4	94.4	80.5	7,109	-	-	-	4,941,265.0	18,570,483	2.67	-

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

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)
BAYSIDE ST 1	233	57,432	34.2	54.3	58.5	-		-	-	-	-	-	-
BAYSIDE CT1A	156	34,564	30.8	53.8	80.0	11,634	GAS	393,856	1,021,000	402,127.0	1,512,850	4.38	3.84
BAYSIDE CT1B	156	35,195	31.3	57.7	80.2	11,624	GAS	400,709	1,021,000	409,124.0	1,539,173	4.37	3.84
BAYSIDE CT1C	156	35,711	31.8	61.3	77.0	11,538	GAS	403,548	1,021,000	412,022.0	1,550,078	4.34	3.84
BAYSIDE UNIT 1 TOTAL	701	162,902	32.3	56.5	55.1	7,509	GAS	1,198,113	1,021,000	1,223,273.0	4,602,101	2.83	3.84
BAYSIDE ST 2	305	64,736	29.5	53.6	54.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	30,054	26.8	59.3	80.0	11,348	GAS	334,024	1,021,000	341,038.0	1,283,027	4.27	3.84
BAYSIDE CT2B	156	25,725	22.9	53.2	80.4	11,569	GAS	291,483	1,021,000	297,604.0	1,119,622	4.35	3.84
BAYSIDE CT2C	156	34,219	30.5	59.7	80.0	11,642	GAS	390,174	1,021,000	398,368.0	1,498,706	4.38	3.84
BAYSIDE CT2D	156	32,428	28.9	57.2	75.1	11,752	GAS	373,249	1,021,000	381,087.0	1,433,695	4.42	3.84
BAYSIDE UNIT 2 TOTAL	929	187,162	28.0	56.1	49.7	7,577	GAS	1,388,930	1,021,000	1,418,097.0	5,335,050	2.85	3.84
BAYSIDE UNIT 3 TOTAL	56	2,736	6.8	77.7	97.8	10,931	GAS	29,293	1,021,000	29,908.0	112,517	4.11	3.84
BAYSIDE UNIT 4 TOTAL	56	2,015	5.0	77.5	97.7	11,031	GAS	21,770	1,021,000	22,227.0	83,621	4.15	3.84
BAYSIDE UNIT 5 TOTAL	56	1,422	3.5	93.0	95.2	11,275	GAS	15,703	1,021,000	16,033.0	60,318	4.24	3.84
BAYSIDE UNIT 6 TOTAL	56	352	0.9	70.8	75.4	10,330	GAS	3,561	1,021,000	3,636.0	13,679	3.89	3.84
BAYSIDE STATION TOTAL	1,854	356,589	26.7	59.1	52.5	7,609	GAS	2,657,370	1,021,000	2,713,174.0	10,207,286	2.86	3.84
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,815	1,549,247	44.7	70.5	70.9	8,326	-	-	-	12,903,374.5	46,551,988	3.00	-

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.
- ⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
- ⁽³⁾ Includes March 2018 adjustment to BB#4 coal of 169 tons burned, \$12,691.58 to as burned fuel cost and 4,041.2 to mmbtu's.
- ⁽⁴⁾ Station Service net generation and adjustment to as burned fuel cost for December 2017 through March 2018.

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: April 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)	0	420	(420)	-100.0%	0	1,780	(1,780)	-100.0%	
21 UNIT COST (\$/BBL)	0.00	127.48	(127.48)	-100.0%	0.00	127.48	(127.48)	-100.0%	
22 AMOUNT (\$)	0	53,543	(53,543)	-100.0%	0	226,920	(226,920)	-100.0%	
23 ENDING INVENTORY:									
24 UNITS (BBL)	44,403	40,028	4,375	10.9%	44,403	40,028	4,375	10.9%	
25 UNIT COST (\$/BBL)	127.48	127.48	0.00	0.0%	127.48	127.48	0.00	0.0%	
26 AMOUNT (\$)	5,660,638	5,102,889	557,749	10.9%	5,660,638	5,102,889	557,749	10.9%	
27									
28 DAYS SUPPLY: NORMAL	3,001	2,706	295	10.0%	-	-	-	-	
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-	
COAL⁽²⁾									
30 PURCHASES:									
31 UNITS (TONS)	130,252	167,000	(36,748)	-22.0%	433,808	758,010	(324,202)	-42.8%	
32 UNIT COST (\$/TON)	79.96	74.03	5.93	8.0%	81.66	73.78	7.88	10.7%	
33 AMOUNT (\$)	10,415,414	12,363,466	(1,948,052)	-15.8%	35,424,896	55,924,069	(20,499,173)	-36.7%	
34 BURNED:									
35 UNITS (TONS)	* 191,953	162,120	29,833	18.4%	575,447	768,300	(192,853)	-25.1%	
36 UNIT COST (\$/TON)	79.44	74.43	5.01	6.7%	81.37	71.35	10.02	14.0%	
37 AMOUNT (\$)	* 15,248,389	12,065,932	3,182,457	26.4%	46,823,915	54,815,437	(7,991,522)	-14.6%	
38 ENDING INVENTORY:									
39 UNITS (TONS)	283,527	604,408	(320,881)	-53.1%	283,527	604,408	(320,881)	-53.1%	
40 UNIT COST (\$/TON)	76.75	68.95	7.80	11.3%	76.75	68.95	7.80	11.3%	
41 AMOUNT (\$)	21,759,922	41,674,448	(19,914,526)	-47.8%	21,759,922	41,674,448	(19,914,526)	-47.8%	
42									
43 DAYS SUPPLY:	46	97	(51)	-50.0%	-	-	-	-	
NATURAL GAS⁽³⁾									
44 PURCHASES:									
45 UNITS (MCF)	8,108,085	8,369,605	(261,520)	-3.1%	33,825,941	28,051,505	5,774,436	20.6%	
46 UNIT COST (\$/MCF)	3.85	4.03	(0.18)	-4.4%	4.09	4.61	(0.51)	-11.2%	
47 AMOUNT (\$)	31,217,274	33,690,689	(2,473,415)	-7.3%	138,507,078	129,288,177	9,218,901	7.1%	
48 BURNED:									
49 UNITS (MCF)	8,155,031	8,223,690	(68,659)	-0.8%	34,076,903	27,905,590	6,171,313	22.1%	
50 UNIT COST (\$/MCF)	3.84	4.08	(0.25)	-6.0%	4.12	4.62	(0.50)	-10.7%	
51 AMOUNT (\$)	31,303,599	33,587,524	(2,283,925)	-6.8%	140,446,086	128,863,922	11,582,164	9.0%	
52 ENDING INVENTORY:									
53 UNITS (MCF)	507,181	875,486	(368,305)	-42.1%	507,181	875,486	(368,305)	-42.1%	
54 UNIT COST (\$/MCF)	3.11	3.05	0.07	2.1%	3.11	3.05	0.07	2.1%	
55 AMOUNT (\$)	1,579,288	2,669,220	(1,089,932)	-40.8%	1,579,288	2,669,220	(1,089,932)	-40.8%	
56									
57 DAYS SUPPLY:	2	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: April 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 March 2018 adjustment to Big Bend #4 coal of 169 tons and \$12,691.58. Also includes December 2017 through March 2018 Polk adjustment of (\$757.03).

⁽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	3,787
NON-INV EXPENSE	570,098
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	75,980
POLK NG IGNITION	0
AERIAL SURVEY ADJ	0
ADDITIVES	4,983
TOTAL	654,848

⁽³⁾ RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(75,980)
POLK NG IGNITION		0
INVENTORY ADJ	0	148
TOTAL	0	(75,832)

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	1,080.0	0.0	1,080.0	2.501	2.671	27,010.00	28,846.00	1,836.00
VARIOUS	JURISD.	MKT.BASE	990.0	0.0	990.0	2.705	2.976	26,779.14	29,460.00	2,680.86
TOTAL			2,070.0	0.0	2,070.0	2.599	2.817	53,789.14	58,306.00	4,516.86
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	2,591.0	0.0	2,591.0	2.162	2.379	56,029.23	61,632.15	2,251.82
REEDY CREEK		SCH. - CB	569.0	0.0	569.0	1.479	1.768	8,416.58	10,061.11	972.60
CITY OF LAKELAND		SCH. - MA	48,000.0	0.0	48,000.0	2.473	3.092	1,187,040.00	1,484,107.00	222,187.00
ORLANDO UTILITIES		SCH. - MA	900.0	0.0	900.0	2.172	2.965	19,548.00	26,682.67	4,677.67
THE ENERGY AUTHORITY		SCH. - MA	1,392.0	0.0	1,392.0	2.557	3.425	35,589.84	47,680.94	8,286.94
MACQUARIE ENERGY LLC		SCH. - MA	710.0	0.0	710.0	2.247	3.274	15,953.70	23,242.56	6,536.26
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			54,162.0	0.0	54,162.0	2.442	3.053	1,322,577.35	1,653,406.43	244,912.29
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			2,591.0	0.0	2,591.0	2.162	2.379	56,029.23	61,632.15	2,251.82
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			569.0	0.0	569.0	1.479	1.768	8,416.58	10,061.11	972.60
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			51,002.0	0.0	51,002.0	2.467	3.101	1,258,131.54	1,581,713.17	241,687.87
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			54,162.0	0.0	54,162.0	2.442	3.053	1,322,577.35	1,653,406.43	244,912.29
CURRENT MONTH:										
DIFFERENCE			52,092.0	0.0	52,092.0	(0.157)	0.236	1,268,788.21	1,595,100.43	240,395.43
DIFFERENCE %			2516.5%	0.0%	2516.5%	-6.0%	8.4%	2358.8%	2735.7%	5322.2%
PERIOD TO DATE:										
ACTUAL			145,975.0	14.0	145,961.0	2.730	3.815	3,984,181.60	5,567,999.12	1,369,609.28
ESTIMATED			7,460.0	0.0	7,460.0	2.998	3.258	223,678.92	243,029.00	19,350.08
DIFFERENCE			138,515.0	14.0	138,501.0	(0.268)	0.557	3,760,502.68	5,324,970.12	1,350,259.20
DIFFERENCE %			1856.8%	0.0%	1856.6%	-8.9%	17.1%	1681.2%	2191.1%	6978.1%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	2,650.0	0.0	0.0	2,650.0	4.062	4.062	107,650.00
TOTAL		2,650.0	0.0	0.0	2,650.0	4.062	4.062	107,650.00
ACTUAL:								
PASCO COGEN	SCH. - D	9,647.0	0.0	0.0	9,647.0	7.753	7.753	747,947.85
DUKE ENERGY FLORIDA	OATT	630.0	0.0	0.0	630.0	2.215	2.215	13,952.34
SUB-TOTAL CURRENT MONTH		10,277.0	0.0	0.0	10,277.0	7.414	7.414	761,900.19
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL SCHEDULE D PURCHASED POWER		9,647.0	0.0	0.0	9,647.0	7.753	7.753	747,947.85
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		630.0	0.0	0.0	630.0	2.215	2.215	13,952.34
TOTAL		10,277.0	0.0	0.0	10,277.0	7.414	7.414	761,900.19
CURRENT MONTH:								
DIFFERENCE		7,627.0	0.0	0.0	7,627.0	3.352	3.352	654,250.19
DIFFERENCE %		287.8%	0.0%	0.0%	287.8%	82.5%	82.5%	607.8%
PERIOD TO DATE:								
ACTUAL		44,454.0	0.0	0.0	44,454.0	5.263	5.263	2,339,485.92
ESTIMATED		8,280.0	0.0	0.0	8,280.0	4.423	4.423	366,220.00
DIFFERENCE		36,174.0	0.0	0.0	36,174.0	0.840	0.840	1,973,265.92
DIFFERENCE %		436.9%	0.0%	0.0%	436.9%	19.0%	19.0%	538.8%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: April 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.	7,480.0	0.0	0.0	7,480.0	2.117	2.117	158,380.00
TOTAL		7,480.0	0.0	0.0	7,480.0	2.117	2.117	158,380.00
ACTUAL:								
AS AVAILABLE								
McKAY BAY REFUSE	COGEN.	23.0	0.0	0.0	23.0	2.366	2.366	544.15
CARGILL RIDGEWOOD	COGEN.	3,117.0	0.0	0.0	3,117.0	2.284	2.284	71,196.38
CARGILL MILLPOINT	COGEN.	1,072.0	0.0	0.0	1,072.0	2.305	2.305	24,705.36
IMC-AGRICO-NEW WALES	COGEN.	308.0	0.0	0.0	308.0	2.444	2.444	7,526.51
IMC-AGRICO-S. PIERCE	COGEN.	8,047.0	0.0	0.0	8,047.0	2.337	2.337	188,058.47
SUB-TOTAL CURRENT MONTH		12,567.0	0.0	0.0	12,567.0	2.324	2.324	292,030.87
NET METERING		0.2	0.0	0.0	0.2	2.185	2.185	4.37
ADJUSTMENTS TO PRIOR MONTHS:								
NET METERING	Mar 2018	(82.4)	0.0	0.0	(82.4)	2.283	2.283	(1,881.20)
NET METERING	Mar 2018	(0.1)	0.0	0.0	(0.1)	1,881.200	1,881.200	(1,881.20)
SUB-TOTAL ADJUSTMENTS		(82.5)	0.0	0.0	(82.5)	4.560	4.560	(3,762.40)
TOTAL INCL NET METERING		12,484.7	0.0	0.0	12,484.7	2.309	2.309	288,272.84
CURRENT MONTH:								
DIFFERENCE		5,004.7	0.0	0.0	5,004.7	0.192	0.192	129,892.84
DIFFERENCE %		66.9%	0.0%	0.0%	66.9%	9.1%	9.1%	82.0%
PERIOD TO DATE:								
ACTUAL		57,516.7	0.0	0.0	57,516.7	2.499	2.499	1,437,422.61
ESTIMATED		30,040.0	0.0	0.0	30,040.0	2.858	2.858	858,520.00
DIFFERENCE		27,476.7	0.0	0.0	27,476.7	(0.359)	(0.359)	578,902.61
DIFFERENCE %		91.5%	0.0%	0.0%	91.5%	-12.6%	-12.6%	67.4%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	27,320.0	0.0	27,320.0	3.407	930,880.00	3.627	990,930.00	60,050.00
TOTAL		27,320.0	0.0	27,320.0	3.407	930,880.00	3.627	990,930.00	60,050.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	75.0	0.00	75.0	6.800	5,100.00	6.800	5,100.00	0.00
FLA. POWER & LIGHT	SCH. - J	17,545.0	0.00	17,545.0	3.933	690,050.00	3.941	691,524.00	1,474.00
ORLANDO UTIL. COMM.	SCH. - J	175.0	0.00	175.0	3.443	6,025.00	3.527	6,172.25	147.25
THE ENERGY AUTHORITY	SCH. - J	4,649.0	0.00	4,649.0	4.264	198,232.00	4.271	198,556.00	324.00
MORGAN STANLEY	SCH. - J	2,102.0	0.00	2,102.0	3.586	75,370.00	3.586	75,370.00	0.00
EDF TRADING	SCH. - J	2,300.0	0.00	2,300.0	2.907	66,850.00	3.135	72,097.50	5,247.50
EXGEN	SCH. - J	2,184.0	0.00	2,184.0	3.346	73,080.00	3.346	73,080.00	0.00
SOUTHERN COMPANY	SCH. - J	5,026.0	0.00	5,026.0	3.714	186,665.00	3.809	191,443.00	4,778.00
SUB-TOTAL CURRENT MONTH		34,056.0	0.0	34,056.0	3.821	1,301,372.00	3.856	1,313,342.75	11,970.75
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		34,056.0	0.0	34,056.0	3.821	1,301,372.00	3.856	1,313,342.75	11,970.75
TOTAL		34,056.0	0.0	34,056.0	3.821	1,301,372.00	3.856	1,313,342.75	11,970.75
CURRENT MONTH:									
DIFFERENCE		6,736.0	0.0	6,736.0	0.414	370,492.00	0.229	322,412.75	(48,079.25)
DIFFERENCE %		24.7%	0.0%	24.7%	12.1%	39.8%	6.3%	32.5%	-80.1%
PERIOD TO DATE:									
ACTUAL		210,072.9	378.8	209,694.1	4.043	8,478,881.31	4.271	8,955,519.73	476,638.42
ESTIMATED		103,940.0	0.0	103,940.0	3.177	3,302,630.00	3.515	3,653,670.00	351,040.00
DIFFERENCE		106,132.9	378.8	105,754.1	0.866	5,176,251.31	0.756	5,301,849.73	125,598.42
DIFFERENCE %		102.1%	0.0%	101.7%	27.3%	156.7%	21.5%	145.1%	35.8%

**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

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

	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	0	50,993	(50,993)	-100.0%	0	173,377	(173,377)	-100.0%
3 COAL	5,451,681	13,486,830	(8,035,149)	-59.6%	31,575,526	42,749,505	(11,173,979)	-26.1%
4 NATURAL GAS	32,269,943	34,246,405	(1,976,462)	-5.8%	109,142,487	95,276,398	13,866,089	14.6%
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 (\$)	37,721,624	47,784,228	(10,062,604)	-21.1%	140,718,013	138,199,280	2,518,733	1.8%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	220	(220)	-100.0%	0	740	(740)	-100.0%
10 COAL	129,335	434,830	(305,495)	-70.3%	858,737	1,425,040	(566,303)	-39.7%
11 NATURAL GAS	1,200,062	1,004,250	195,812	19.5%	3,451,811	2,796,940	654,871	23.4%
12 NUCLEAR	0	0	0	0.0%	0	0	0	0.0%
13 OTHER	4,585	4,370	215	4.9%	10,468	10,600	(132)	-1.2%
14 TOTAL (MWH)	1,333,982	1,443,670	(109,688)	-7.6%	4,321,016	4,233,320	87,696	2.1%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	400	(400)	-100.0%	0	1,360	(1,360)	-100.0%
17 COAL (TON)	63,181	182,600	(119,419)	-65.4%	383,494	606,180	(222,686)	-36.7%
18 NATURAL GAS (MCF)	8,933,334	7,276,570	1,656,764	22.8%	25,921,872	19,681,900	6,239,972	31.7%
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	0	2,360	(2,360)	-100.0%	0	7,920	(7,920)	-100.0%
23 COAL	1,564,370	4,474,730	(2,910,360)	-65.0%	9,520,637	14,683,230	(5,162,593)	-35.2%
24 NATURAL GAS	9,138,801	7,430,670	1,708,131	23.0%	26,518,169	20,154,600	6,363,569	31.6%
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)	10,703,171	11,907,760	(1,204,589)	-10.1%	36,038,806	34,845,750	1,193,056	3.4%
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%	-0.02%	-100.0%	0.00%	0.02%	-0.02%	-100.0%
30 COAL	9.70%	30.12%	-20.42%	-67.8%	19.87%	33.66%	-13.79%	-41.0%
31 NATURAL GAS	89.96%	69.56%	20.40%	29.3%	79.88%	66.07%	13.81%	20.9%
32 NUCLEAR	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
33 OTHER	0.34%	0.30%	0.04%	13.5%	0.24%	0.25%	-0.01%	-3.2%
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)	0.00	127.48	(127.48)	-100.0%	0.00	127.48	(127.48)	-100.0%
37 COAL (\$/TON)	86.29	73.86	12.43	16.8%	82.34	70.52	11.81	16.8%
38 NATURAL GAS (\$/MCF)	3.61	4.71	(1.09)	-23.2%	4.21	4.84	(0.63)	-13.0%
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	0.00	21.61	(21.61)	-100.0%	0.00	21.89	(21.89)	-100.0%
43 COAL	3.48	3.01	0.47	15.6%	3.32	2.91	0.41	13.9%
44 NATURAL GAS	3.53	4.61	(1.08)	-23.4%	4.12	4.73	(0.61)	-12.9%
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)	3.52	4.01	(0.49)	-12.2%	3.90	3.97	(0.06)	-1.5%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: March 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	10,727	(10,727)	-100.0%	0	10,703	(10,703)	-100.0%
50 COAL	12,095	10,291	1,804	17.5%	11,087	10,304	783	7.6%
51 NATURAL GAS	7,615	7,399	216	2.9%	7,682	7,206	476	6.6%
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)	8,023	8,248	(225)	-2.7%	8,340	8,231	109	1.3%
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	0.00	23.18	(23.18)	-100.0%	0.00	23.43	(23.43)	-100.0%
57 COAL	4.22	3.10	1.12	36.1%	3.68	3.00	0.68	22.7%
58 NATURAL GAS	2.69	3.41	(0.72)	-21.1%	3.16	3.41	(0.25)	-7.3%
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)	2.83	3.31	(0.48)	-14.5%	3.26	3.26	0.00	0.0%

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

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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	320	26.9	-	54.5	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,029	28.0	-	56.7	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	236	21.2	-	42.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	4,585	27.5	-	55.6	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS) ⁽³⁾	185	6,948	5.1	98.0	79.9	-	GAS	104,955	1,023,000	107,369.0	402,383	5.79	3.83
B.B.#1 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	395	6,948	2.4	78.1	37.2	12,297	-	-	-	107,369.0	402,383	5.79	-
B.B.#2 (GAS) ⁽³⁾	185	105,001	76.4	100.0	76.4	-	GAS	1,243,387	1,023,000	1,271,985.0	4,572,255	4.35	3.68
B.B.#2 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	395	105,001	35.8	80.1	35.8	11,391	-	-	-	1,271,985.0	4,572,255	4.35	-
B.B.#3 (GAS) ⁽³⁾	185	7,564	5.5	51.8	10.6	-	GAS	97,083	1,023,000	99,316.0	358,599	4.74	3.69
B.B.#3 (COAL) ⁽³⁾	400	83,204	28.0	30.7	0.0	-	COAL	40,811	24,097,665	971,371.3	3,350,625	4.03	82.10
BIG BEND #3 TOTAL	400	90,768	30.5	30.7	59.0	11,943	-	-	-	1,070,687.3	3,709,224	4.09	-
B.B.#4 (GAS) ⁽³⁾	175	1,181	0.9	8.0	11.4	-	GAS	(90,862)	1,023,000	(92,952.0)	(440,936)	(37.34)	4.85
B.B.#4 (COAL) ⁽³⁾	442	14,667	4.5	8.0	0.0	-	COAL	8,632	23,912,000	205,938.9	708,696	4.83	82.10
BIG BEND #4 TOTAL	442	15,848	4.8	8.0	60.5	10,330	-	-	-	112,986.9	267,760	1.69	-
B.B. IGNITION ⁽³⁾	-	-	-	-	-	-	GAS	10,283	1,023,000	10,519.0	37,138	-	3.61
BIG BEND 1-4 COAL TOTAL	1,632	97,871	8.1	9.7	19.9	11,684	COAL	49,443	24,072,926	1,177,310.2	4,059,321	4.15	82.10
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) ⁽³⁾	61	1,085	2.4	91.0	82.2	12,686	GAS	13,455	1,023,000	13,764.0	48,594	4.48	3.61
BIG BEND CT #4 TOTAL	61	1,085	2.4	91.0	82.2	12,686	-	-	-	13,764.0	48,594	4.48	-
BIG BEND STATION TOTAL	1,693	219,650	17.5	49.5	44.5	11,578	-	-	-	2,576,792.2	9,037,354	4.11	-
POLK #1 GASIFIER	220	31,464	19.2	49.1	84.3	12,302	COAL	13,738	28,175,066	387,059.5	1,355,222	4.31	98.65
POLK #1 CT (GAS) ⁽³⁾	205	38,106	25.0	52.4	49.8	8,312	GAS	309,604	1,023,000	316,725.0	1,118,203	2.93	3.61
POLK #1 TOTAL	220	69,570	42.6	49.1	82.3	10,116	-	-	-	703,784.5	2,473,425	3.56	-
POLK #2 ST DUCT FIRING ⁽³⁾	120	39,639	44.5	-	92.7	8,400	GAS	325,479	1,023,000	332,965.0	1,175,538	2.97	3.61
POLK #2 ST W/O DUCT FIRING	360	250,902	93.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480	290,541	81.5	96.2	81.5	-	GAS	-	-	332,965.0	1,175,538	0.40	-
POLK #2 CT (GAS) ⁽³⁾	180	107,527	80.4	100.0	83.4	10,929	GAS	1,148,731	1,023,000	1,175,152.0	4,148,893	3.86	3.61
POLK #2 CT (OIL)	187	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	180	107,527	80.4	100.0	83.4	10,929	-	-	-	1,175,152.0	4,148,893	3.86	-
POLK #3 CT (GAS) ⁽³⁾	180	107,626	80.5	95.5	85.3	10,659	GAS	1,121,415	1,023,000	1,147,208.0	4,050,236	3.76	3.61
POLK #3 CT (OIL)	187	0	0.00	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	180	107,626	80.5	95.5	85.3	10,659	-	-	-	1,147,208.0	4,050,236	3.76	-
POLK #4 (GAS) ⁽³⁾	180	108,053	80.8	95.0	86.3	10,606	GAS	1,120,292	1,023,000	1,146,059.0	4,046,180	3.74	3.61
POLK #5 (GAS) ⁽³⁾	180	115,234	86.2	100.0	86.2	10,640	GAS	1,198,571	1,023,000	1,226,138.0	4,328,900	3.76	3.61
POLK #2 CC TOTAL	1,200	728,981	81.8	97.1	81.8	6,897	GAS	-	-	5,027,522.0	17,749,747	2.43	-
POLK STATION TOTAL	1,420	798,551	75.7	89.6	81.8	7,177	-	-	-	5,731,306.5	20,223,172	2.53	-

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

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)
BAYSIDE ST 1	243	109,942	60.9	95.5	61.6	-		-	-	-	-	-	-
BAYSIDE CT1A	183	64,852	47.7	92.5	67.2	12,021	GAS	762,057	1,023,000	779,584.0	2,754,047	4.25	3.61
BAYSIDE CT1B	183	59,536	43.8	97.2	66.8	11,754	GAS	684,068	1,023,000	699,802.0	2,472,197	4.15	3.61
BAYSIDE CT1C	183	74,380	54.7	100.0	67.9	11,427	GAS	830,802	1,023,000	849,910.0	3,002,488	4.04	3.61
BAYSIDE UNIT 1 TOTAL	⁽³⁾ 792	308,710	52.5	96.2	52.5	7,545	GAS	2,276,927	1,023,000	2,329,296.0	8,228,732	2.67	3.61
BAYSIDE ST 2	⁽⁴⁾ 315	(3,411)	0.0	0.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT2A	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT2B	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT2C	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT2D	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
BAYSIDE UNIT 2 TOTAL	^{(3),(4)} 1,047	(3,411)	0.0	0.0	0.0	0	GAS	0	0	0.0	(1)	0.00	0.00
BAYSIDE UNIT 3 TOTAL	⁽³⁾ 61	1,900	4.2	100.0	83.1	11,260	GAS	20,913	1,023,000	21,394.0	75,579	3.98	3.61
BAYSIDE UNIT 4 TOTAL	⁽³⁾ 61	3,077	6.8	100.0	93.3	10,858	GAS	32,658	1,023,000	33,409.0	118,024	3.84	3.61
BAYSIDE UNIT 5 TOTAL	61	768	1.7	97.4	69.3	11,980	GAS	8,994	1,023,000	9,201.0	32,504	4.23	3.61
BAYSIDE UNIT 6 TOTAL	61	152	0.3	46.9	43.7	11,658	GAS	1,732	1,023,000	1,772.0	6,260	4.12	3.61
BAYSIDE STATION TOTAL	2,083	311,196	20.1	46.7	52.3	7,696	GAS	2,341,224	1,023,000	2,395,072.0	8,461,098	2.72	3.61
B.B. IGNITION							LGT.OIL				0		
SYSTEM	5,218	1,333,982	34.4	59.3	64.3	7,998	-	-	-	10,703,170.7	37,721,624	2.83	-

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.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Includes January & February 2018 adjustments to fuel units burned, as burned fuel cost & mmbtu's for Big Bend, Polk, & Bayside. Details on Schedule A5 page 2.
⁽⁴⁾ Station Service Net Generation