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May 25, 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. 170001-EI

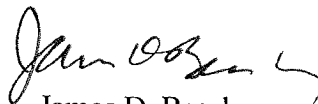
Dear Ms. Stauffer:

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

Schedule A1 Revised	March 2017	2 Pages
Schedule A3 Revised	March 2017	1 Page
Schedule A4 Revised	March 2017	1 Page
Schedule A5 Revised	March 2017	2 Pages
Schedule A4 Revised	February 2017	1 Page
Schedule A5 Revised	February 2017	1 Page
Schedule A4 Revised	January 2017	1 Page
Schedule A5 Revised	January 2017	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 2017 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 2017

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	47,975,537	51,732,678	(3,757,141)	-7.3%	1,654,534	1,513,510	141,024	9.3%	2.89964	3.41806	(0.51842)	-15.2%
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	444,855	444,855	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	298,249	298,249	0	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)	48,718,641	52,475,782	(3,757,141)	-7.2%	1,654,534	1,513,510	141,024	9.3%	2.94455	3.46716	(0.52260)	-15.1%
6. Fuel Cost of Purchased Power - Firm (A7)	540,996	94,160	446,836	474.5%	13,286	1,900	11,386	599.3%	4.07193	4.95579	(0.88386)	-17.8%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	853,425	862,750	(9,325)	-1.1%	16,194	26,550	(10,356)	-39.0%	5.27001	3.24953	2.02048	62.2%
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)	256,595	151,140	105,455	69.8%	11,485	7,510	3,975	52.9%	2.23418	2.01252	0.22166	11.0%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	1,651,016	1,108,050	542,966	49.0%	40,965	35,960	5,005	13.9%	4.03031	3.08134	0.94897	30.8%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,695,499	1,549,470	146,029	9.4%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	2,928	28,660	(25,732)	-89.8%	139	1,080	(941)	-87.1%	2.10647	2.65370	(0.54723)	-20.6%
15. Fuel Cost of Sch. C/CB Sales (A6)	75,379	0	75,379	0.0%	3,896	0	3,896	0.0%	1.93478	0.00000	1.93478	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)	1,190,733	40,160	1,150,573	2865.0%	50,907	1,130	49,777	4405.0%	2.33904	3.55398	(1.21495)	-34.2%
18. Gains on Sales	480,823	5,123	475,700	9285.6%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	1,749,863	73,943	1,675,920	2266.5%	54,942	2,210	52,732	2386.1%	3.18493	3.34584	(0.16091)	-4.8%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					911	0	911	0.0%				
21. Wheeling Rec'd. less Wheeling Deliv'd.					0	0	0	0.0%				
22. Interchange and Wheeling Losses					858	(16)	874	-5300.6%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	48,619,794	53,509,889	(4,890,095)	-9.1%	1,640,610	1,547,276	93,334	6.0%	2.96352	3.45833	(0.49481)	-14.3%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	2,941,886 (a)	2,354,810 (a)	587,076	24.9%	99,270	68,091	31,179	45.8%	2.96352	3.45833	(0.49481)	-14.3%
25. Company Use	86,387 (a)	98,562 (a)	(12,175)	-12.4%	2,915	2,850	65	2.3%	2.96353	3.45832	(0.49478)	-14.3%
26. T & D Losses	3,117,593 (a)	2,166,556 (a)	951,037	43.9%	105,199	62,647	42,552	67.9%	2.96352	3.45833	(0.49481)	-14.3%
27. System KWH Sales	48,619,794	53,509,889	(4,890,095)	-9.1%	1,433,226	1,413,688	19,538	1.4%	3.39233	3.78513	(0.39279)	-10.4%
28. Wholesale KWH Sales	(26,878)	(9,316)	(17,562)	188.5%	(672)	(300)	(372)	124.0%	3.99970	3.10533	0.89437	28.8%
29. Jurisdictional KWH Sales	48,592,916	53,500,573	(4,907,657)	-9.2%	1,432,554	1,413,388	19,166	1.4%	3.39205	3.78527	(0.39322)	-10.4%
30. Jurisdictional Loss Multiplier									1.00018	1.00002	0.00016	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	48,601,663	53,501,643	(4,899,980)	-9.2%	1,432,554	1,413,388	19,166	1.4%	3.39266	3.78535	(0.39269)	-10.4%
32. Other - 2016 Reedy Creek True Up	0	0	0	0.0%	1,432,554	1,413,388	19,166	1.4%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(10,219,983)	(10,219,983)	0	0.0%	1,432,554	1,413,388	19,166	1.4%	(0.71341)	(0.72308)	0.00967	-1.3%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	38,381,680	43,281,660	(4,899,980)	-11.3%	1,432,554	1,413,388	19,166	1.4%	2.67925	3.06226	(0.38301)	-12.5%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	38,409,315	43,312,823	(4,903,508)	-11.3%	1,432,554	1,413,388	19,166	1.4%	2.68118	3.06447	(0.38329)	-12.5%
37. GPIF * (Already Adjusted for Taxes)	80,799	80,799	0	0.0%	1,432,554	1,413,388	19,166	1.4%	0.00564	0.00572	(0.00008)	-1.3%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	38,490,114	43,393,622	(4,903,508)	-11.3%	1,432,554	1,413,388	19,166	1.4%	2.68682	3.07019	(0.38337)	-12.5%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.687	3.070	(0.383)	-12.5%

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

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH: April 2017

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	180,458,408	192,235,524	(11,777,116)	-6.1%	5,841,188	5,663,680	177,508	3.1%	3.08941	3.39418	(0.30477)	-9.0%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	1,794,965	1,794,965	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	1,205,007	1,205,007	0	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)	183,458,380	195,235,496	(11,777,116)	-6.0%	5,841,188	5,663,680	177,508	3.1%	3.14077	3.44715	(0.30638)	-8.9%
6. Fuel Cost of Purchased Power - Firm (A7)	1,411,945	131,130	1,280,815	976.8%	36,071	2,680	33,391	1245.9%	3.91435	4.89291	(0.97856)	-20.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	2,133,555	3,188,920	(1,055,365)	-33.1%	54,269	100,510	(46,241)	-46.0%	3.93144	3.17274	0.75870	23.9%
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)	1,365,594	817,430	548,164	67.1%	63,925	30,040	33,885	112.8%	2.13624	2.72114	(0.58489)	-21.5%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	4,911,094	4,137,480	773,614	18.7%	154,265	133,230	21,035	15.8%	3.18354	3.10552	0.07803	2.5%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					5,995,453	5,796,910	198,543	3.4%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	18,176	94,600	(76,424)	-80.8%	902	3,430	(2,528)	-73.7%	2.01508	2.75802	(0.74294)	-26.9%
15. Fuel Cost of Sch. C/CB Sales (A6)	310,473	0	310,473	0.0%	15,584	0	15,584	0.0%	1.99225	0.00000	1.99225	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)	1,733,750	117,888	1,615,862	1370.7%	74,852	4,000	70,852	1771.3%	2.31624	2.94720	(0.63096)	-21.4%
18. Gains on Sales	634,185	15,444	618,741	4006.4%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	2,696,584	227,932	2,468,652	1083.1%	91,338	7,430	83,908	1129.3%	2.95231	3.06773	(0.11541)	-3.8%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					803	0	803	0.0%				
21. Wheeling Rec'd. less Wheeling Deliv'd.					1,961	0	1,961	0.0%				
22. Interchange and Wheeling Losses					3,382	(58)	3,440	-5891.1%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	185,672,890	199,145,044	(13,472,154)	-6.8%	5,903,497	5,789,538	113,959	2.0%	3.14513	3.43974	(0.29461)	-8.6%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	513,054 (a)	(627,885) (a)	1,140,939	-181.7%	39,306	(21,343)	60,649	-284.2%	1.30528	2.94188	(1.63660)	-55.6%
25. Company Use	360,001 (a)	391,952 (a)	(31,951)	-8.2%	11,426	11,400	26	0.2%	3.15072	3.43818	(0.28746)	-8.4%
26. T & D Losses	10,638,331 (a)	8,999,984 (a)	1,638,347	18.2%	337,686	262,143	75,543	28.8%	3.15036	3.43323	(0.28287)	-8.2%
27. System KWH Sales	185,672,890	199,145,044	(13,472,154)	-6.8%	5,515,079	5,537,338	(22,259)	-0.4%	3.36664	3.59640	(0.22976)	-6.4%
28. Wholesale KWH Sales	(28,215)	(22,655)	(5,560)	24.5%	(706)	(690)	(16)	2.3%	3.99646	3.28333	0.71313	21.7%
29. Jurisdictional KWH Sales	185,644,675	199,122,389	(13,477,714)	-6.8%	5,514,373	5,536,648	(22,275)	-0.4%	3.36656	3.59644	(0.22988)	-6.4%
30. Jurisdictional Loss Multiplier									-	-	-	-
31. Jurisdictional KWH Sales Adjusted for Line Losses	185,661,316	199,126,372	(13,465,056)	-6.8%	5,514,373	5,536,648	(22,275)	-0.4%	3.36686	3.59651	(0.22965)	-6.4%
32. Other	(5,536)	0	(5,536)	0.0%	5,514,373	5,536,648	(22,275)	-0.4%	(0.00010)	0.00000	(0.00010)	0.0%
33. True-up *	(40,879,932)	(40,879,932)	0	0.0%	5,514,373	5,536,648	(22,275)	-0.4%	(0.74133)	(0.73835)	(0.00298)	0.4%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	144,775,848	158,246,440	(13,470,592)	-8.5%	5,514,373	5,536,648	(22,275)	-0.4%	2.62543	2.85816	(0.23274)	-8.1%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	144,880,087	158,360,377	(13,480,290)	-8.5%	5,514,373	5,536,648	(22,275)	-0.4%	2.62732	2.86022	(0.23290)	-8.1%
37. GPIF * (Already Adjusted for Taxes)	323,196	323,196	0	0.0%	5,514,373	5,536,648	(22,275)	-0.4%	0.00586	0.00584	0.00002	0.4%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	145,203,283	158,683,573	(13,480,290)	-8.5%	5,514,373	5,536,648	(22,275)	-0.4%	2.63318	2.86606	(0.23288)	-8.1%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.633	2.866	(0.233)	-8.1%

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

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	47,975,537	51,732,678	(3,757,141)	-7.3%	180,458,408	192,235,524	(11,777,116)	-6.1%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	1,269,040	68,820	1,200,220	1744.0%	2,062,399	212,488	1,849,911	870.6%
2a. GAINS FROM SALES	480,823	5,123	475,700	9285.6%	634,185	15,444	618,741	4006.4%
3. FUEL COST OF PURCHASED POWER	540,996	94,160	446,836	474.5%	1,411,945	131,130	1,280,815	976.8%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	256,595	151,140	105,455	69.8%	1,365,594	817,430	548,164	67.1%
4. ENERGY COST OF ECONOMY PURCHASES	853,425	862,750	(9,325)	-1.1%	2,133,555	3,188,920	(1,055,365)	-33.1%
5. TOTAL FUEL & NET POWER TRANSACTION	47,876,690	52,766,785	(4,890,095)	-9.3%	182,672,918	196,145,072	(13,472,154)	-6.9%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	444,855	444,855	0	0.0%	1,794,965	1,794,965	0	0.0%
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	298,249	298,249	0	0.0%	1,205,007	1,205,007	0	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.	48,619,794	53,509,889	(4,890,095)	-9.1%	185,672,890	199,145,044	(13,472,154)	-6.8%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,432,554	1,413,388	19,166	1.4%	5,514,373	5,536,648	(22,275)	-0.4%
2. NONJURISDICTIONAL SALES	672	300	372	124.0%	706	690	16	2.3%
3. TOTAL SALES	1,433,226	1,413,688	19,538	1.4%	5,515,079	5,537,338	(22,259)	-0.4%
4. JURISDIC. SALES-% TOTAL MWH SALES	0.9994472	0.9998259	(0.0003787)	0.0%	-	-	0.0000000	0.0%

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	41,575,874	41,097,779	478,095	1.2%	159,542,293	160,946,708	(1,404,415)	-0.9%
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%	40,879,932	40,879,932	0	0.0%
2b. INCENTIVE PROVISION	(80,799)	(80,799)	0	0.0%	(323,196)	(323,196)	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>51,715,058</u>	<u>51,236,963</u>	<u>478,095</u>	<u>0.9%</u>	<u>200,099,029</u>	<u>201,503,444</u>	<u>(1,404,415)</u>	<u>-0.7%</u>
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	48,619,794	53,509,889	(4,890,095)	-9.1%	185,672,890	199,145,044	(13,472,154)	-6.8%
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	<u>0.9994472</u>	<u>0.9998259</u>	<u>(0.0003787)</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
6. JURISDIC. TOTAL FUEL & NET PWR.TRANS.	48,592,916	53,500,573	(4,907,657)	-9.2%	185,644,675	199,122,389	(13,477,714)	-6.8%
6a. JURISDIC. LOSS MULTIPLIER	<u>1.00018</u>	<u>1.00002</u>	<u>0.00016</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>
6b. (LINE C6 x LINE C6a)	48,601,663	53,501,643	(4,899,980)	-9.2%	185,661,316	199,126,372	(13,465,056)	-6.8%
6c. ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>(9,641)</u>	<u>0</u>	<u>(9,641)</u>	<u>0.0%</u>
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	<u>48,601,663</u>	<u>53,501,643</u>	<u>(4,899,980)</u>	<u>-9.2%</u>	<u>185,651,675</u>	<u>199,126,372</u>	<u>(13,474,697)</u>	<u>-6.8%</u>
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	3,113,395	(2,264,680)	5,378,075	-237.5%	14,447,354	2,377,072	12,070,282	507.8%
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	58,771	79,739	(20,968)	-26.3%	227,009	313,488	(86,479)	-27.6%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	81,914,593	96,855,348	(14,940,755)	-15.4%	-----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>74,866,776</u>	<u>84,450,424</u>	<u>(9,583,648)</u>	<u>-11.3%</u>	-----NOT APPLICABLE-----			

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	81,914,593	96,855,348	(14,940,755)	-15.4%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	74,808,005	84,370,685	(9,562,680)	-11.3%	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	156,722,598	181,226,033	(24,503,435)	-13.5%	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	78,361,299	90,613,017	(12,251,718)	-13.5%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	0.940	1.050	(0.110)	-10.5%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	0.860	1.050	(0.190)	-18.1%	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	1.800	2.100	(0.300)	-14.3%	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	0.900	1.050	(0.150)	-14.3%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.075	0.088	(0.013)	-14.8%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	58,771	79,739	(20,968)	-26.3%	NOT APPLICABLE			

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

	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	63,536	(63,536)	-100.0%	0	218,806	(218,806)	-100.0%
3 COAL	16,987,481	26,987,734	(10,000,253)	-37.1%	76,158,145	93,375,082	(17,216,937)	-18.4%
4 NATURAL GAS	30,988,056	24,681,408	6,306,648	25.6%	104,300,263	98,641,636	5,658,627	5.7%
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 (\$)	47,975,537	51,732,678	(3,757,141)	-7.3%	180,458,408	192,235,624	(11,777,116)	-6.1%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	280	(280)	-100.0%	0	960	(960)	-100.0%
10 COAL	556,696	835,720	(279,024)	-33.4%	2,459,542	2,947,100	(487,558)	-16.5%
11 NATURAL GAS	1,092,669	678,910	415,759	61.4%	3,367,946	2,713,560	654,386	24.1%
12 NUCLEAR	0	0	0	0.0%	0	0	0	0.0%
13 OTHER	5,169	600	4,569	761.5%	13,700	2,060	11,640	565.0%
14 TOTAL (MWH)	1,654,534	1,513,510	141,024	9.3%	5,841,188	5,663,680	177,508	3.1%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	0	520	(520)	-100.0%	0	1,780	(1,780)	-100.0%
17 COAL (TON)	241,840	363,620	(121,780)	-33.5%	1,053,653	1,278,800	(225,147)	-17.6%
18 NATURAL GAS (MCF)	7,892,782	4,729,890	3,162,892	66.9%	24,753,005	19,060,550	5,692,455	29.9%
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	3,040	(3,040)	-100.0%	0	10,460	(10,460)	-100.0%
23 COAL	5,811,428	8,674,880	(2,863,452)	-33.0%	26,106,541	30,458,970	(4,352,429)	-14.3%
24 NATURAL GAS	8,066,423	4,841,780	3,224,643	66.6%	25,324,013	19,498,190	5,825,823	29.9%
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)	13,877,851	13,519,700	358,151	2.6%	51,430,554	49,967,620	1,462,934	2.9%
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	33.65%	55.22%	-21.57%	-39.1%	42.11%	52.04%	-9.93%	-19.1%
31 NATURAL GAS	66.04%	44.72%	21.32%	47.7%	57.66%	47.91%	9.75%	20.3%
32 NUCLEAR	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
33 OTHER	0.31%	0.04%	0.27%	688.1%	0.23%	0.04%	0.20%	544.8%
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	122.18	(122.18)	-100.0%	0.00	122.92	(122.92)	-100.0%
37 COAL (\$/TON)	70.24	74.22	(3.98)	-5.4%	72.28	73.02	(0.74)	-1.0%
38 NATURAL GAS (\$/MCF)	3.93	5.22	(1.29)	-24.8%	4.21	5.18	(0.96)	-18.6%
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	0.00	20.90	(20.90)	-100.0%	0.00	20.92	(20.92)	-100.0%
43 COAL	2.92	3.11	(0.19)	-6.0%	2.92	3.07	(0.15)	-4.8%
44 NATURAL GAS	3.84	5.10	(1.26)	-24.6%	4.12	5.06	(0.94)	-18.6%
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)	3.46	3.83	(0.37)	-9.7%	3.51	3.85	(0.34)	-8.8%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	0	10,857	(10,857)	-100.0%	0	10,896	(10,896)	-100.0%
50 COAL	10,439	10,380	59	0.6%	10,614	10,335	279	2.7%
51 NATURAL GAS	7,382	7,153	229	3.2%	7,519	7,185	334	4.6%
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)	8,388	8,933	(545)	-6.1%	8,805	8,822	(17)	-0.2%
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	22.69	(22.69)	-100.0%	0.00	22.79	(22.79)	-100.0%
57 COAL	3.05	3.23	(0.18)	-5.6%	3.10	3.17	(0.07)	-2.2%
58 NATURAL GAS	2.84	3.65	(0.81)	-22.2%	3.10	3.64	(0.54)	-14.8%
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)	2.90	3.42	(0.52)	-15.2%	3.09	3.39	(0.30)	-8.8%

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

(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	311	27.0	-	53.8	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	(4) 19.4	4,596	33.0	-	62.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	262	24.3	-	46.5	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	22.5	5,169	32.0	-	61.1	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	141	0	0.0	0.0	0.0	-	NG CO-FIRE	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	0.0	0.0	0	-	-	-	0.0	0	0.00	-
B.B.#2 NAT GAS CO-FIRE	141	3,736	3.7	53.9	26.5	-	NG CO-FIRE	38,684	1,022,000	39,535.0	151,839	4.06	3.93
B.B.#2 COAL	385	122,066	44.0	53.9	76.3	-	COAL	54,877	23,134,581	1,269,556.4	3,895,871	3.19	70.99
BIG BEND #2 TOTAL	385	125,802	45.4	53.9	78.7	10,406	-	-	-	1,309,091.4	4,047,710	3.22	-
B.B.#3 NAT GAS CO-FIRE	141	21,083	20.8	39.5	66.2	-	NG CO-FIRE	233,261	1,022,000	238,393.0	915,579	4.34	3.93
B.B.#3 COAL	395	66,646	23.4	39.5	43.7	-	COAL	32,097	22,962,870	737,039.2	2,278,655	3.42	70.99
BIG BEND #3 TOTAL	395	87,729	30.8	39.5	57.5	11,119	-	-	-	975,432.2	3,194,234	3.64	-
B.B.#4 NAT GAS CO-FIRE	163	104	0.1	78.8	1.4	-	NG CO-FIRE	1,081	1,022,000	1,105.0	4,244	4.08	3.93
B.B.#4 COAL	437	214,269	68.1	78.8	79.4	-	COAL	97,965	22,978,035	2,251,043.2	6,954,808	3.25	70.99
BIG BEND #4 TOTAL	437	214,373	68.1	78.8	79.5	10,506	-	-	-	2,252,148.2	6,959,052	3.25	-
B.B. IGNITION	-	-	-	-	-	-	GAS	47,374	1,022,000	48,416.0	185,948	-	3.93
BIG BEND 1-4 COAL TOTAL	1,602	402,981	34.9	44.2	69.2	10,565	COAL	184,939	23,021,855	4,257,638.8	13,129,334	3.26	70.99
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	1,896	4.7	84.9	88.8	10,816	GAS	20,067	1,022,000	20,508.0	78,764	4.15	3.93
BIG BEND CT #4 TOTAL	56	1,896	4.7	84.9	88.8	10,816	-	-	-	20,508.0	78,764	4.15	-
BIG BEND STATION TOTAL	1,658	429,800	36.0	45.6	73.5	10,603	-	-	-	4,557,179.8	14,465,708	3.37	-
POLK #1 GASIFIER	220	153,715	97.0	100.0	97.0	10,108	COAL	56,901	27,306,736	1,553,789.0	3,672,199	2.39	64.54
POLK #1 CT (GAS)	195	22,890	16.3	100.0	16.3	6,825	GAS	152,870	1,022,000	156,233.0	600,033	2.62	3.93
POLK #1 TOTAL	220	176,605	111.5	100.0	111.5	9,683	-	-	-	1,710,022.0	4,272,232	2.42	-
POLK #2 ST DUCT FIRING	120	9,414	10.9	-	89.1	8,400	GAS	77,376	1,022,000	79,078.0	303,709	3.23	3.93
POLK #2 ST W/O DUCT FIRING	339	204,389	83.7	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	459	213,803	64.7	100.0	64.7	-	GAS	-	-	79,078.0	303,709	0.14	-
POLK #2 CT (GAS)	151	78,070	71.8	81.5	136.8	10,905	GAS	833,057	1,022,000	851,384.0	3,269,850	4.19	3.93
POLK #2 CT (OIL)	159	0	0.0	81.5	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	151	78,070	71.8	81.5	136.8	10,905	-	-	-	851,384.0	3,269,850	4.19	-
POLK #3 CT (GAS)	151	94,540	87.0	100.0	94.5	10,740	GAS	993,483	1,022,000	1,015,340.0	3,899,545	4.12	3.93
POLK #3 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	151	94,540	87.0	100.0	94.5	10,740	-	-	-	1,015,340.0	3,899,545	4.12	-
POLK #4 (GAS)	151	96,599	88.9	100.0	95.9	10,916	GAS	1,031,749	1,022,000	1,054,447.0	4,049,740	4.19	3.93
POLK #5 (GAS)	151	80,340	73.9	84.9	94.9	10,627	GAS	835,419	1,022,000	853,798.0	3,279,122	4.08	3.93
POLK #2 CC TOTAL	1,063	563,352	73.6	91.6	83.7	6,841	GAS	-	-	3,854,047.0	14,801,966	2.63	-
POLK STATION TOTAL	1,283	739,957	80.1	93.0	89.0	7,519	-	-	-	5,564,069.0	19,074,198	2.58	-
BAYSIDE ST 1	233	56,404	33.6	72.8	47.7	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	27,616	24.6	71.1	81.1	11,766	GAS	317,934	1,022,000	324,929.0	1,248,615	4.52	3.93
BAYSIDE CT1B	156	31,933	28.4	40.4	79.9	11,804	GAS	368,830	1,022,000	376,944.0	1,448,498	4.54	3.93
BAYSIDE CT1C	156	45,054	40.1	72.9	75.2	11,892	GAS	524,252	1,022,000	535,786.0	2,058,884	4.57	3.93
BAYSIDE UNIT 1 TOTAL	701	161,007	31.9	58.7	45.2	7,687	GAS	1,211,016	1,022,000	1,237,659.0	4,755,997	2.95	3.93
BAYSIDE ST 2	305	109,204	49.7	100.0	49.7	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	50,033	44.5	97.1	82.1	11,822	GAS	578,757	1,022,000	591,490.0	2,272,939	4.54	3.93
BAYSIDE CT2B	156	66,493	59.2	100.0	80.3	12,311	GAS	800,993	1,022,000	818,615.0	3,145,721	4.73	3.93
BAYSIDE CT2C	156	61,083	54.4	100.0	80.8	12,028	GAS	718,884	1,022,000	734,699.0	2,823,256	4.62	3.93
BAYSIDE CT2D	156	26,604	23.7	90.9	89.9	11,869	GAS	308,962	1,022,000	315,759.0	1,213,379	4.56	3.93
BAYSIDE UNIT 2 TOTAL	929	313,417	46.9	97.0	46.9	7,851	GAS	2,407,596	1,022,000	2,460,563.0	9,455,295	3.02	3.93
BAYSIDE UNIT 3 TOTAL	56	2,012	5.0	97.8	94.3	11,459	GAS	22,559	1,022,000	23,055.0	88,594	4.40	3.93
BAYSIDE UNIT 4 TOTAL	56	2,168	5.4	100.0	96.1	10,856	GAS	23,028	1,022,000	23,535.0	90,439	4.17	3.93
BAYSIDE UNIT 5 TOTAL	56	239	0.6	99.9	17.3	13,042	GAS	3,050	1,022,000	3,117.0	11,978	5.01	3.93
BAYSIDE UNIT 6 TOTAL	56	765	1.9	100.0	86.6	11,337	GAS	8,486	1,022,000	8,673.0	33,328	4.36	3.93
BAYSIDE STATION TOTAL	1,854	479,608	35.9	82.8	46.5	7,833	GAS	3,675,735	1,022,000	3,756,602.0	14,435,631	3.01	3.93
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	-	-	-	0	-	-
SYSTEM	4,817	1,654,534	47.7	72.3	67.4	8,388	-	-	-	13,877,850.8	47,975,537	2.90	-

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
CT = COMBUSTION TURBINE
NG = NATURAL GAS
ST = STEAM
CC = COMBINED CYCLE

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

**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	520	(520)	-100.0%	0	1,780	(1,780)	-100.0%
17 UNIT COST (\$/BBL)	0.00	72.90	(72.90)	-100.0%	0.00	72.97	(72.97)	-100.0%
18 AMOUNT (\$)	0	37,910	(37,910)	-100.0%	0	129,895	(129,895)	-100.0%
19 BURNED:								
20 UNITS (BBL)	0	520	(520)	-100.0%	0	1,780	(1,780)	-100.0%
21 UNIT COST (\$/BBL)	0.00	122.18	(122.18)	-100.0%	0.00	122.92	(122.92)	-100.0%
22 AMOUNT (\$)	0	63,536	(63,536)	-100.0%	0	218,806	(218,806)	-100.0%
23 ENDING INVENTORY:								
24 UNITS (BBL)	44,488	44,488	0	0.0%	44,488	44,488	0	0.0%
25 UNIT COST (\$/BBL)	127.48	122.18	5.30	4.3%	127.48	122.18	5.30	4.3%
26 AMOUNT (\$)	5,671,463	5,435,745	235,718	4.3%	5,671,463	5,435,745	235,718	4.3%
27								
28 DAYS SUPPLY: NORMAL	3,941	3,941	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	345,265	293,333	51,932	17.7%	1,223,485	1,118,342	105,143	9.4%
32 UNIT COST (\$/TON)	71.99	75.25	(3.26)	-4.3%	73.01	74.36	(1.35)	-1.8%
33 AMOUNT (\$)	24,854,940	22,073,629	2,781,311	12.6%	89,325,413	83,159,313	6,166,100	7.4%
34 BURNED:								
35 UNITS (TONS)	241,840	363,620	(121,780)	-33.5%	1,053,653	1,278,800	(225,147)	-17.6%
36 UNIT COST (\$/TON)	70.24	74.22	(3.98)	-5.4%	72.28	73.02	(0.74)	-1.0%
37 AMOUNT (\$)	16,987,481	26,987,734	(10,000,253)	-37.1%	76,158,145	93,375,082	(17,216,937)	-18.4%
38 ENDING INVENTORY:								
39 UNITS (TONS)	497,537	315,979	181,558	57.5%	497,537	315,979	181,558	57.5%
40 UNIT COST (\$/TON)	72.29	64.12	8.18	12.8%	72.29	64.12	8.18	12.8%
41 AMOUNT (\$)	35,969,249	20,259,600	15,709,649	77.5%	35,969,249	20,259,600	15,709,649	77.5%
42								
43 DAYS SUPPLY:	47	30	17	60.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	7,973,416	4,729,890	3,243,526	68.6%	24,659,235	19,060,550	5,598,685	29.4%
46 UNIT COST (\$/MCF)	3.93	5.19	(1.26)	-24.3%	4.24	5.19	(0.94)	-18.2%
47 AMOUNT (\$)	31,307,466	24,524,982	6,782,484	27.7%	104,670,563	98,917,518	5,753,045	5.8%
48 BURNED:								
49 UNITS (MCF)	7,892,782	4,729,890	3,162,892	66.9%	24,753,005	19,060,550	5,692,455	29.9%
50 UNIT COST (\$/MCF)	3.93	5.22	(1.29)	-24.8%	4.21	5.18	(0.96)	-18.6%
51 AMOUNT (\$)	30,988,056	24,681,408	6,306,648	25.6%	104,300,263	98,641,636	5,658,627	5.7%
52 ENDING INVENTORY:								
53 UNITS (MCF)	875,061	875,486	(425)	0.0%	875,061	875,486	(425)	0.0%
54 UNIT COST (\$/MCF)	2.95	3.15	(0.20)	-6.2%	2.95	3.15	(0.20)	-6.2%
55 AMOUNT (\$)	2,581,994	2,754,180	(172,186)	-6.3%	2,581,994	2,754,180	(172,186)	-6.3%
56								
57 DAYS SUPPLY:	4	4	0	0.0%	-	-	-	-
NUCLEAR								
58 BURNED:								
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%

SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: April 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%	-	-	-	-	

(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	<u>0</u>	<u>0</u>

(2) RECONCILIATION - COAL

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	DOLLARS
FUEL ANALYSIS	51,397
NON-INV EXPENSE	364,480
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	185,948
POLK NG IGNITION	81
AERIAL SURVEY ADJ	0
ADDITIVES	4,757
TOTAL	<u>606,663</u>

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(185,948)
POLK NG IGNITION		(81)
INVENTORY ADJ	0	(589)
TOTAL	<u>0</u>	<u>(186,618)</u>

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	1,080.0	0.0	1,080.0	2.654	2.756	28,660.00	29,763.00	1,103.00
VARIOUS	JURISD.	MKT.BASE	1,130.0	0.0	1,130.0	3.554	3.910	40,159.62	44,180.00	4,020.38
TOTAL			2,210.0	0.0	2,210.0	3.114	3.346	68,819.62	73,943.00	5,123.38
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	139.0	0.0	139.0	2.106	2.317	2,927.75	3,220.52	214.30
DUKE ENERGY FLORIDA		SCH. - C	1.0	0.0	1.0	0.209	2.497	2.09	24.97	3.31
REEDY CREEK		SCH. - CB	3,695.0	0.0	3,695.0	1.935	2.317	71,492.97	85,597.65	7,095.29
ORLANDO UTILITIES COMMISSION		SCH. - CB	200.0	0.0	200.0	1.942	2.343	3,884.00	4,686.01	426.01
DUKE ENERGY FLORIDA		SCH. - MA	3,160.0	0.0	3,160.0	2.143	2.846	67,726.75	89,926.62	15,619.77
NEW SMYRNA BEACH		SCH. - MA	18.0	0.0	18.0	2.439	3.641	438.98	655.30	177.74
ORLANDO UTILITIES		SCH. - MA	25,475.0	0.0	25,475.0	2.207	3.355	562,269.50	854,793.87	235,782.62
REEDY CREEK		SCH. - MA	27.0	0.0	27.0	5.104	5.493	1,378.00	1,483.00	105.00
SEMINOLE ELECTRIC		SCH. - MA	21,819.0	0.0	21,819.0	2.523	3.769	550,520.78	822,408.95	219,834.78
THE ENERGY AUTHORITY		SCH. - MA	383.0	0.0	383.0	2.053	2.653	7,864.19	10,162.79	1,480.37
MORGAN STANLEY		SCH. - MA	25.0	0.0	25.0	2.139	2.692	534.75	673.05	84.30
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			54,942.0	0.0	54,942.0	2.310	3.410	1,269,039.76	1,873,632.73	480,823.49
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			139.0	0.0	139.0	2.106	2.317	2,927.75	3,220.52	214.30
SUB-TOTAL SCHEDULE C POWER SALES			1.0	0.0	1.0	0.209	2.497	2.09	24.97	3.31
SUB-TOTAL SCHEDULE CB POWER SALES			3,895.0	0.0	3,895.0	1.935	2.318	75,376.97	90,283.66	7,521.30
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			50,907.0	0.0	50,907.0	2.339	3.497	1,190,732.95	1,780,103.58	473,084.58
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			54,942.0	0.0	54,942.0	2.310	3.410	1,269,039.76	1,873,632.73	480,823.49
CURRENT MONTH:										
DIFFERENCE			52,732.0	0.0	52,732.0	(0.804)	0.064	1,200,220.14	1,799,689.73	475,700.11
DIFFERENCE %			2386.1%	0.0%	2386.1%	-25.8%	1.9%	1744.0%	2433.9%	9284.9%
PERIOD TO DATE:										
ACTUAL			91,338.0	0.0	91,338.0	2.258	3.168	2,062,399.40	2,893,997.05	634,184.57
ESTIMATED			7,430.0	0.0	7,430.0	2.860	3.068	212,488.21	227,932.00	15,443.79
DIFFERENCE			83,908.0	0.0	83,908.0	(0.602)	0.100	1,849,911.19	2,666,065.05	618,740.78
DIFFERENCE %			1129.3%	0.0%	1129.3%	-21.0%	3.3%	870.6%	1169.7%	4006.4%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	1,900.0	0.0	0.0	1,900.0	4.956	4.956	94,160.00
TOTAL		1,900.0	0.0	0.0	1,900.0	4.956	4.956	94,160.00
ACTUAL:								
PASCO COGEN	SCH. - D	13,286.0	0.0	0.0	13,286.0	4.059	4.059	539,238.36
DUKE ENERGY FLORIDA	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
DUKE ENERGY FLORIDA	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
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		13,286.0	0.0	0.0	13,286.0	4.059	4.059	539,238.36
ADJUSTMENTS TO PRIOR MONTHS:								
PASCO COGEN	Mar 2017 SCH. - D	(6,728.0)	0.0	0.0	(6,728.0)	4.622	4.622	(310,992.41)
PASCO COGEN	Mar 2017 SCH. - D	6,728.0	0.0	0.0	6,728.0	4.648	4.648	312,749.89
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.0	0.000	0.000	1,757.48
SUB-TOTAL SCHEDULE D PURCHASED POWER		13,286.0	0.0	0.0	13,286.0	4.072	4.072	540,995.84
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		13,286.0	0.0	0.0	13,286.0	4.072	4.072	540,995.84
CURRENT MONTH:								
DIFFERENCE		11,386.0	0.0	0.0	11,386.0	(0.884)	(0.884)	446,835.84
DIFFERENCE %		599.3%	0.0%	0.0%	599.3%	-17.8%	-17.8%	474.5%
PERIOD TO DATE:								
ACTUAL		36,071.0	0.0	0.0	36,071.0	3.914	3.914	1,411,944.78
ESTIMATED		2,680.0	0.0	0.0	2,680.0	4.893	4.893	131,130.00
DIFFERENCE		33,391.0	0.0	0.0	33,391.0	(0.979)	(0.979)	1,280,814.78
DIFFERENCE %		1245.9%	0.0%	0.0%	1245.9%	-20.0%	-20.0%	976.8%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: April 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.							
TOTAL	AS AVAIL.	7,510.0	0.0	0.0	7,510.0	2.013	2.013	151,140.00
		<u>7,510.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,510.0</u>	<u>2.013</u>	<u>2.013</u>	<u>151,140.00</u>
ACTUAL:								
	AS AVAILABLE							
McKAY BAY REFUSE	COGEN.	1.0	0.0	0.0	1.0	1.893	1.893	18.93
CARGILL RIDGEWOOD	COGEN.	1,360.0	0.0	0.0	1,360.0	2.162	2.162	29,400.72
CARGILL GREEN BAY	COGEN.	0.0	0.0	0.0	0.0	0.000	0.000	0.00
CARGILL MILLPOINT	COGEN.	4,839.0	0.0	0.0	4,839.0	2.224	2.224	107,621.62
CF INDUSTRIES INC.	COGEN.	12.0	0.0	0.0	12.0	2.080	2.080	249.59
IMC-AGRICO-NEW WALES	COGEN.	1,363.0	0.0	0.0	1,363.0	2.260	2.260	30,806.67
IMC-AGRICO-S. PIERCE	COGEN.	3,909.0	0.0	0.0	3,909.0	2.263	2.263	88,476.38
HILLSBOROUGH COUNTY	COGEN.	1.0	0.0	0.0	1.0	2.062	2.062	20.62
SUB-TOTAL CURRENT MONTH		11,485.0	0.0	0.0	11,485.0	2.234	2.234	256,594.53
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL FOR AS AVAIL.		11,485.0	0.0	0.0	11,485.0	2.234	2.234	256,594.53
TOTAL		11,485.0	0.0	0.0	11,485.0	2.234	2.234	256,594.53
CURRENT MONTH:								
DIFFERENCE		3,975.0	0.0	0.0	3,975.0	0.222	0.222	105,454.53
DIFFERENCE %		52.9%	0.0%	0.0%	52.9%	11.0%	11.0%	69.8%
PERIOD TO DATE:								
ACTUAL		63,925.0	0.0	0.0	63,925.0	2.136	2.136	1,365,592.64
ESTIMATED		30,040.0	0.0	0.0	30,040.0	2.721	2.721	817,430.00
DIFFERENCE		33,885.0	0.0	0.0	33,885.0	(0.585)	(0.585)	548,162.64
DIFFERENCE %		112.8%	0.0%	0.0%	112.8%	-21.5%	-21.5%	67.1%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: April 2017

(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	26,550.0	0.0	26,550.0	3.250	862,750.00	3.257	864,750.00	2,000.00
TOTAL		26,550.0	0.0	26,550.0	3.250	862,750.00	3.257	864,750.00	2,000.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	400.0	0.0	400.0	6.300	25,200.00	6.300	25,200.00	0.00
FLA. POWER & LIGHT	SCH. - J	5,595.0	0.0	5,595.0	4.824	269,875.00	4.825	269,958.00	83.00
CITY OF LAKELAND	SCH. - J	120.0	0.0	120.0	7.100	8,520.00	7.100	8,520.00	0.00
ORLANDO UTIL. COMM.	SCH. - J	2,980.0	0.0	2,980.0	6.634	197,680.00	6.634	197,680.00	0.00
THE ENERGY AUTHORITY	SCH. - J	254.0	0.0	254.0	4.606	11,700.00	4.606	11,700.00	0.00
CITY OF TALLAHASSEE	SCH. - J	25.0	0.0	25.0	1.500	375.00	2.340	585.00	210.00
MORGAN STANLEY	SCH. - J	2,470.0	0.0	2,470.0	4.872	120,330.00	4.872	120,330.00	0.00
EDF TRADING	SCH. - J	1,562.0	0.0	1,562.0	5.064	79,096.00	5.064	79,096.00	0.00
EXGEN	SCH. - J	610.0	0.0	610.0	5.892	35,943.00	5.892	35,943.00	0.00
SOUTHERN COMPANY	SCH. - J	2,178.0	0.0	2,178.0	4.807	104,706.00	4.807	104,706.00	0.00
SUB-TOTAL CURRENT MONTH		16,194.0	0.0	16,194.0	5.270	853,425.00	5.272	853,718.00	293.00
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		16,194.0	0.0	16,194.0	5.270	853,425.00	5.272	853,718.00	293.00
TOTAL		16,194.0	0.0	16,194.0	5.270	853,425.00	5.272	853,718.00	293.00
CURRENT MONTH:									
DIFFERENCE		(10,356.0)	0.0	(10,356.0)	2.020	(9,325.00)	2.015	(11,032.00)	(1,707.00)
DIFFERENCE %		-39.0%	0.0%	-39.0%	62.2%	-1.1%	61.9%	-1.3%	-85.4%
PERIOD TO DATE:									
ACTUAL		54,269.0	0.0	54,269.0	3.931	2,133,555.00	4.106	2,228,356.62	94,801.62
ESTIMATED		100,510.0	0.0	100,510.0	3.173	3,188,920.00	3.175	3,190,920.00	2,000.00
DIFFERENCE		(46,241.0)	0.0	(46,241.0)	0.759	(1,055,365.00)	0.931	(962,563.38)	92,801.62
DIFFERENCE %		-46.0%	0.0%	-46.0%	23.9%	-33.1%	29.3%	-30.2%	4640.1%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: April 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								
SEMINOLE ELECTRIC	0.4	0.6	0.4	0.04								

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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,066,605
TOTAL CAPACITY	\$ 2,213,725	\$ 391,435	\$ 802,193	\$ 659,252	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 4,066,605

**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

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

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	42,238,155	48,972,968	(6,734,813)	-13.8%	1,463,297	1,420,320	42,977	3.0%	2.88651	3.44802	(0.56152)	-16.3%
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	447,445	447,445	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	300,250	300,250	0	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)	42,985,850	49,720,663	(6,734,813)	-13.5%	1,463,297	1,420,320	42,977	3.0%	2.93760	3.50067	(0.56306)	-16.1%
6. Fuel Cost of Purchased Power - Firm (A7)	310,992	36,970	274,022	741.2%	6,728	780	5,948	762.6%	4.62235	4.73974	(0.11739)	-2.5%
7. Energy Cost of Sch C.X Econ. Purch. (Broker) (A9)	528,563	749,990	(221,427)	-29.5%	12,777	23,540	(10,763)	-45.7%	4.13683	3.18602	0.95081	29.8%
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)	353,346	180,240	173,106	96.0%	16,264	7,550	8,714	115.4%	2.17257	2.38728	(0.21472)	-9.0%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	1,192,901	967,200	225,701	23.3%	35,769	31,870	3,899	12.2%	3.33501	3.03483	0.30018	9.9%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,499,066	1,452,190	46,876	3.2%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	4,955	24,290	(19,335)	-79.6%	255	870	(615)	-70.7%	1.94314	2.79195	(0.84882)	-30.4%
15. Fuel Cost of Sch. C/CB Sales (A6)	75,514	0	75,514	0.0%	4,010	0	4,010	0.0%	1.88314	0.00000	1.88314	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)	187,403	26,261	161,142	613.6%	8,386	940	7,446	792.1%	2.23471	2.79372	(0.55901)	-20.0%
18. Gains on Sales	51,832	3,564	48,268	1354.3%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	319,704	54,115	265,589	490.8%	12,651	1,810	10,841	599.0%	2.52710	2.98978	(0.46267)	-15.5%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					84	0	84	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					0	0	0	0.0%				
22. Interchange and Wheeling Losses					196	(14)	210	-1528.2%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	43,859,047	50,633,748	(6,774,701)	-13.4%	1,486,303	1,450,394	35,909	2.5%	2.95088	3.49103	(0.54015)	-15.5%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	2,970,299 (a)	2,416,250 (a)	554,049	22.9%	100,658	69,213	31,445	45.4%	2.95088	3.49103	(0.54015)	-15.5%
25. Company Use	87,287 (a)	99,494 (a)	(12,207)	-12.3%	2,958	2,850	108	3.8%	2.95088	3.49102	(0.54014)	-15.5%
26. T & D Losses	2,110,589 (a)	1,564,044 (a)	546,545	34.9%	71,524	44,802	26,722	59.6%	2.95088	3.49104	(0.54015)	-15.5%
27. System KWH Sales	43,859,047	50,633,748	(6,774,701)	-13.4%	1,311,163	1,333,529	(22,366)	-1.7%	3.34505	3.79697	(0.45192)	-11.9%
28. Wholesale KWH Sales	(1,337)	(1,013)	(324)	32.0%	(34)	(30)	(4)	13.3%	3.93235	3.37667	0.55569	16.5%
29. Jurisdictional KWH Sales	43,857,710	50,632,735	(6,775,025)	-13.4%	1,311,129	1,333,499	(22,370)	-1.7%	3.34503	3.79698	(0.45195)	-11.9%
30. Jurisdictional Loss Multiplier									1.00018	1.00002	0.00016	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	43,865,604	50,633,748	(6,768,144)	-13.4%	1,311,129	1,333,499	(22,370)	-1.7%	3.34564	3.79706	(0.45142)	-11.9%
32. Other - 2016 Reedy Creek True Up	4,105	0	4,105	0.0%	1,311,129	1,333,499	(22,370)	-1.7%	0.00031	0.00000	0.00031	0.0%
33. True-up *	(10,219,983)	(10,219,983)	0	0.0%	1,311,129	1,333,499	(22,370)	-1.7%	(0.77948)	(0.76640)	(0.01308)	1.7%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	33,649,726	40,413,765	(6,764,039)	-16.7%	1,311,129	1,333,499	(22,370)	-1.7%	2.56647	3.03066	(0.46419)	-15.3%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	33,673,954	40,442,863	(6,768,909)	-16.7%	1,311,129	1,333,499	(22,370)	-1.7%	2.56832	3.03284	(0.46452)	-15.3%
37. GPIF * (Already Adjusted for Taxes)	80,799	80,799	0	0.0%	1,311,129	1,333,499	(22,370)	-1.7%	0.00616	0.00606	0.00010	1.7%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	33,754,753	40,523,662	(6,768,909)	-16.7%	1,311,129	1,333,499	(22,370)	-1.7%	2.57448	3.03890	(0.46442)	-15.3%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.574	3.039	(0.465)	-15.3%

* 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: March 2017

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	132,482,871	140,502,846	(8,019,975)	-5.7%	4,186,654	4,150,170	36,484	0.9%	3.16441	3.38547	(0.22106)	-6.5%
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	1,350,110	1,350,110	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	906,758	906,758	0	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)	134,739,739	142,759,714	(8,019,975)	-5.6%	4,186,654	4,150,170	36,484	0.9%	3.21832	3.43985	(0.22154)	-6.4%
6. Fuel Cost of Purchased Power - Firm (A7)	870,949	36,970	833,979	2255.8%	22,785	780	22,005	2821.2%	3.82247	4.73974	(0.91728)	-19.4%
7. Energy Cost of Sch C.X Econ. Purch. (Broker) (A9)	1,280,130	2,326,170	(1,046,040)	-45.0%	38,075	73,960	(35,885)	-48.5%	3.36213	3.14517	0.21695	6.9%
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)	1,108,999	666,290	442,709	66.4%	52,440	22,530	29,910	132.8%	2.11480	2.95735	(0.84255)	-28.5%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	3,260,078	3,029,430	230,648	7.6%	113,300	97,270	16,030	16.5%	2.87739	3.11445	(0.23707)	-7.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					4,299,954	4,247,440	52,514	1.2%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	15,248	65,940	(50,692)	-76.9%	763	2,350	(1,587)	-67.5%	1.99843	2.80596	(0.80753)	-28.8%
15. Fuel Cost of Sch. C/CB Sales (A6)	235,094	0	235,094	0.0%	11,688	0	11,688	0.0%	2.01141	0.00000	2.01141	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)	543,017	77,728	465,289	598.6%	23,945	2,870	21,075	734.3%	2.26777	2.70829	(0.44052)	-16.3%
18. Gains on Sales	153,362	10,321	143,041	1385.9%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	946,721	153,989	792,732	514.8%	36,396	5,220	31,176	597.2%	2.60117	2.94998	(0.34881)	-11.8%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(108)	0	(108)	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					1,961	0	1,961	0.0%				
22. Interchange and Wheeling Losses					2,524	(42)	2,566	-6123.6%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	137,053,096	145,635,155	(8,582,059)	-5.9%	4,262,887	4,242,262	20,625	0.5%	3.21503	3.43296	(0.21793)	-6.3%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(2,428,832) (a)	(2,982,695) (a)	553,863	-18.6%	(59,964)	(89,434)	29,470	-33.0%	4.05048	3.33508	0.71540	21.5%
25. Company Use	273,614 (a)	293,390 (a)	(19,776)	-6.7%	8,511	8,550	(39)	-0.5%	3.21483	3.43146	(0.21663)	-6.3%
26. T & D Losses	7,520,738 (a)	6,833,428 (a)	687,310	10.1%	232,487	199,496	32,991	16.5%	3.23491	3.42535	(0.19044)	-5.6%
27. System KWH Sales	137,053,096	145,635,155	(8,582,059)	-5.9%	4,081,853	4,123,650	(41,797)	-1.0%	3.35762	3.53171	(0.17409)	-4.9%
28. Wholesale KWH Sales	(1,337)	(13,339)	12,002	-90.0%	(34)	(390)	356	-91.3%	3.93235	3.42026	0.51210	15.0%
29. Jurisdictional KWH Sales	137,051,759	145,621,816	(8,570,057)	-5.9%	4,081,819	4,123,260	(41,441)	-1.0%	3.35761	3.53172	(0.17410)	-4.9%
30. Jurisdictional Loss Multiplier									-	-	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	137,059,653	145,624,729	(8,565,076)	-5.9%	4,081,819	4,123,260	(41,441)	-1.0%	3.35781	3.53179	(0.17398)	-4.9%
32. Other	(5,536)	0	(5,536)	0.0%	4,081,819	4,123,260	(41,441)	-1.0%	(0.00014)	0.00000	(0.00014)	0.0%
33. True-up *	(30,659,949)	(30,659,949)	0	0.0%	4,081,819	4,123,260	(41,441)	-1.0%	(0.75113)	(0.74359)	(0.00755)	1.0%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	106,394,168	114,964,780	(8,570,612)	-7.5%	4,081,819	4,123,260	(41,441)	-1.0%	2.60654	2.78820	(0.18166)	-6.5%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	106,470,772	115,047,554	(8,576,782)	-7.5%	4,081,819	4,123,260	(41,441)	-1.0%	2.60841	2.79021	(0.18180)	-6.5%
37. GPIF * (Already Adjusted for Taxes)	242,397	242,397	0	0.0%	4,081,819	4,123,260	(41,441)	-1.0%	0.00594	0.00588	0.00006	1.0%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	106,713,169	115,289,951	(8,576,782)	-7.4%	4,081,819	4,123,260	(41,441)	-1.0%	2.61435	2.79609	(0.18174)	-6.5%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.614	2.796	(0.182)	-6.5%

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

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

	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	49,104	(49,104)	-100.0%	0	155,270	(155,270)	-100.0%
3 COAL	14,101,595	24,107,497	(10,005,902)	-41.5%	59,170,664	66,387,348	(7,216,684)	-10.9%
4 NATURAL GAS	28,136,560	24,816,367	3,320,193	13.4%	73,312,207	73,960,228	(648,021)	-0.9%
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 (\$)	42,238,155	48,972,968	(6,734,813)	-13.8%	132,482,871	140,502,846	(8,019,975)	-5.7%
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	680	(680)	-100.0%
10 COAL	441,331	729,010	(287,679)	-39.5%	1,902,846	2,111,380	(208,534)	-9.9%
11 NATURAL GAS	1,017,087	690,520	326,567	47.3%	2,275,277	2,036,650	238,627	11.7%
12 NUCLEAR	0	0	0	0.0%	0	0	0	0.0%
13 OTHER	4,879	570	4,309	756.0%	8,531	1,460	7,071	484.3%
14 TOTAL (MWH)	1,463,297	1,420,320	42,977	3.0%	4,186,654	4,150,170	36,484	0.9%
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	1,260	(1,260)	-100.0%
17 COAL (TON)	195,713	319,890	(124,177)	-38.8%	811,813	915,180	(103,367)	-11.3%
18 NATURAL GAS (MCF)	7,280,323	4,837,590	2,442,733	50.5%	16,860,223	14,330,660	2,529,563	17.7%
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	2,380	(2,380)	-100.0%	0	7,420	(7,420)	-100.0%
23 COAL	4,739,430	7,537,770	(2,798,341)	-37.1%	20,295,114	21,784,090	(1,488,976)	-6.8%
24 NATURAL GAS	7,447,771	4,942,920	2,504,851	50.7%	17,257,590	14,656,410	2,601,180	17.7%
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)	12,187,201	12,483,070	(295,869)	-2.4%	37,552,704	36,447,920	1,104,784	3.0%
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	30.16%	51.33%	-21.17%	-41.2%	45.45%	50.87%	-5.42%	-10.7%
31 NATURAL GAS	69.51%	48.62%	20.89%	43.0%	54.35%	49.07%	5.27%	10.7%
32 NUCLEAR	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
33 OTHER	0.33%	0.04%	0.29%	730.8%	0.20%	0.04%	0.17%	479.2%
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	122.76	(122.76)	-100.0%	0.00	123.23	(123.23)	-100.0%
37 COAL (\$/TON)	72.05	75.36	(3.31)	-4.4%	72.89	72.54	0.35	0.5%
38 NATURAL GAS (\$/MCF)	3.86	5.13	(1.27)	-24.7%	4.35	5.16	(0.81)	-15.7%
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	20.63	(20.63)	-100.0%	0.00	20.93	(20.93)	-100.0%
43 COAL	2.98	3.20	(0.22)	-7.0%	2.92	3.05	(0.13)	-4.3%
44 NATURAL GAS	3.78	5.02	(1.24)	-24.8%	4.25	5.05	(0.80)	-15.8%
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)	3.47	3.92	(0.46)	-11.7%	3.53	3.85	(0.33)	-8.5%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 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	309	26.0	-	54.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	18.0	4,320	32.3	-	65.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	250	22.4	-	45.9	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	21.1	4,879	31.1	-	63.1	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	141	17,012	16.2	51.5	31.4	-	NG CO-FIRE	182,271	1,023,000	186,463.0	703,052	4.13	3.86
B.B.#1 COAL	395	78,561	26.8	51.5	51.9	-	COAL	36,074	23,385,464	843,607.2	2,586,946	3.29	71.71
BIG BEND #1 TOTAL	395	95,573	32.6	51.5	63.2	10,778	-	-	-	1,030,070.2	3,289,998	3.44	-
B.B.#2 NAT GAS CO-FIRE	141	141	0.1	55.6	4.5	-	NG CO-FIRE	1,618	1,023,000	1,655.0	6,240	4.43	3.86
B.B.#2 COAL	395	3,269	1.1	55.6	35.5	-	COAL	1,716	22,016,000	37,779.5	123,058	3.76	71.71
BIG BEND #2 TOTAL	395	3,410	1.2	55.6	37.0	11,564	-	-	-	39,434.5	129,298	3.79	-
B.B.#3 NAT GAS CO-FIRE	141	277	0.3	49.6	2.8	-	NG CO-FIRE	3,734	1,023,000	3,820.0	14,403	5.20	3.86
B.B.#3 COAL	400	53,078	17.9	49.6	57.6	-	COAL	31,420	22,911,780	719,888.1	2,253,198	4.25	71.71
BIG BEND #3 TOTAL	400	53,355	18.0	49.6	57.9	13,564	-	-	-	723,708.1	2,267,601	4.25	-
B.B.#4 NAT GAS CO-FIRE	163	5,831	4.8	78.7	21.7	-	NG CO-FIRE	61,247	1,023,000	62,656.0	236,242	4.05	3.86
B.B.#4 COAL	442	173,375	52.8	78.7	65.0	-	COAL	79,605	23,098,673	1,838,746.8	5,708,650	3.29	71.71
BIG BEND #4 TOTAL	442	179,206	54.6	78.7	67.2	10,610	-	-	-	1,901,402.8	5,944,892	3.32	-
B.B. IGNITION	-	-	-	-	-	-	GAS	41,180	1,023,000	42,127.0	158,838	-	3.86
BIG BEND 1-4 COAL TOTAL	1,632	308,283	25.4	59.4	59.4	11,159	COAL	148,815	23,116,250	3,440,021.6	10,671,852	3.46	71.71
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0.00	0.00	0.00
B.B. CT#4 (GAS)	61	968	2.1	99.8	76.0	11,282	GAS	10,675	1,023,000	10,921.0	41,177	4.25	3.86
BIG BEND CT #4 TOTAL	61	968	2.1	99.8	76.0	11,282	-	-	-	10,921.0	41,177	4.25	-
BIG BEND STATION TOTAL	1,693	332,512	26.4	60.9	63.9	11,144	-	-	-	3,705,536.6	11,831,804	3.56	-
POLK #1 GASIFIER	220	133,048	81.4	90.6	96.9	9,766	COAL	46,898	27,707,107	1,299,407.9	3,270,905	2.46	69.75
POLK #1 CT (GAS)	195	32,077	22.1	95.3	25.4	7,451	GAS	233,626	1,023,000	238,999.0	901,136	2.81	3.86
POLK #1 TOTAL	220	165,125	101.0	95.3	106.0	9,317	-	-	-	1,538,406.9	4,172,041	2.53	-
POLK #2 ST DUCT FIRING	120	5,011	5.6	-	96.2	8,847	GAS	43,335	1,023,000	44,332.0	167,152	3.34	3.86
POLK #2 ST W/O DUCT FIRING	343	232,732	91.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	463	237,743	69.1	100.0	69.2	-	GAS	-	-	44,332.0	167,152	0.07	-
POLK #2 CT (GAS)	183	102,794	75.6	100.0	100.0	10,883	GAS	1,093,585	1,023,000	1,118,737.0	4,218,155	4.10	3.86
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0.00	0.00	0.00
POLK #2 TOTAL	183	102,794	75.6	100.0	100.0	10,883	-	-	-	1,118,737.0	4,218,155	4.10	-
POLK #3 CT (GAS)	183	96,516	71.0	96.9	79.2	10,766	GAS	1,015,738	1,023,000	1,039,100.0	3,917,886	4.06	3.86
POLK #3 CT (OIL)	187	0	0.0	96.9	0.0	0	LGT.OIL	0	0	0.0	0.00	0.00	0.00
POLK #3 TOTAL	183	96,516	71.0	96.9	79.2	10,766	-	-	-	1,039,100.0	3,917,886	4.06	-
POLK #4 (GAS)	183	100,564	74.0	99.9	79.1	10,780	GAS	1,059,682	1,023,000	1,084,055.0	4,087,387	4.06	3.86
POLK #5 (GAS)	183	100,391	73.8	100.0	78.2	10,788	GAS	1,058,662	1,023,000	1,083,011.0	4,083,451	4.07	3.86
POLK #2 CC TOTAL	1,195	638,008	71.9	99.2	77.5	6,848	GAS	-	-	4,369,235.0	16,474,031	2.58	-
POLK STATION TOTAL	1,415	803,133	76.4	98.6	82.0	7,356	-	-	-	5,907,641.9	20,646,072	2.57	-
BAYSIDE ST 1	243	(1)	0.0	0.0	0.0	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	(91)	0.0	0.0	0.0	0	GAS	0	0	0.0	0.00	0.00	0.00
BAYSIDE CT1B	183	(91)	0.0	0.0	0.0	0	GAS	0	0	0.0	0.00	0.00	0.00
BAYSIDE CT1C	183	(91)	0.0	0.0	0.0	0	GAS	0	0	0.0	0.00	0.00	0.00
BAYSIDE UNIT 1 TOTAL	792	(274)	0.0	0.0	0.0	0	GAS	0	0	0.0	0.00	0.00	0.00
BAYSIDE ST 2	315	109,659	46.9	99.3	47.2	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	46,724	34.4	100.0	70.0	11,855	GAS	541,467	1,023,000	553,921.0	2,100,379	4.50	3.88
BAYSIDE CT2B	183	52,454	38.6	98.2	70.1	12,173	GAS	624,160	1,023,000	638,516.0	2,421,150	4.62	3.88
BAYSIDE CT2C	183	78,310	57.6	95.6	67.3	12,178	GAS	932,216	1,023,000	953,657.0	3,616,115	4.62	3.88
BAYSIDE CT2D	183	31,160	22.9	99.0	70.4	11,971	GAS	364,618	1,023,000	373,004.0	1,414,372	4.54	3.88
BAYSIDE UNIT 2 TOTAL	1,047	318,307	40.9	97.5	41.2	7,914	GAS	2,462,461	1,023,000	2,519,098.0	9,552,016	3.00	3.88
BAYSIDE UNIT 3 TOTAL	61	2,136	4.7	88.2	86.6	11,531	GAS	24,076	1,023,000	24,630.0	93,393	4.37	3.88
BAYSIDE UNIT 4 TOTAL	61	1,667	3.7	85.6	90.2	11,412	GAS	18,595	1,023,000	19,023.0	72,132	4.33	3.88
BAYSIDE UNIT 5 TOTAL	61	452	1.0	84.6	83.7	12,613	GAS	5,573	1,023,000	5,701.0	21,617	4.78	3.88
BAYSIDE UNIT 6 TOTAL	61	485	1.1	85.6	86.6	11,485	GAS	5,445	1,023,000	5,570.0	21,121	4.35	3.88
BAYSIDE STATION TOTAL	2,083	322,773	20.9	59.1	41.5	7,975	GAS	2,516,150	1,023,000	2,574,022.0	9,760,279	3.02	3.88
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	-	-	-	0	-	-
SYSTEM	5,212	1,463,297	37.8	70.2	64.0	8,329	-	-	-	12,187,200.5	42,238,155	2.89	-

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⁾ Station Service

LEGEND:

B.B. = BIG BEND

CT = COMBUSTION TURBINE

NG = NATURAL GAS

ST = STEAM

CC = COMBINED CYCLE

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

**SCHEDULE A5
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	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	400	(400)	-100.0%	0	1,260	(1,260)	-100.0%
17 UNIT COST (\$/BBL)	0.00	73.13	(73.13)	-100.0%	0.00	73.00	(73.00)	-100.0%
18 AMOUNT (\$)	0	29,251	(29,251)	-100.0%	0	91,985	(91,985)	-100.0%
19 BURNED:								
20 UNITS (BBL)	0	400	(400)	-100.0%	0	1,260	(1,260)	-100.0%
21 UNIT COST (\$/BBL)	0.00	122.76	(122.76)	-100.0%	0.00	123.23	(123.23)	-100.0%
22 AMOUNT (\$)	0	49,104	(49,104)	-100.0%	0	155,270	(155,270)	-100.0%
23 ENDING INVENTORY:								
24 UNITS (BBL)	44,488	44,488	0	0.0%	44,488	44,488	0	0.0%
25 UNIT COST (\$/BBL)	127.48	122.76	4.72	3.8%	127.48	122.76	4.72	3.8%
26 AMOUNT (\$)	5,671,463	5,461,371	210,092	3.8%	5,671,463	5,461,371	210,092	3.8%
27								
28 DAYS SUPPLY: NORMAL	3,593	3,593	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	383,516	288,333	95,183	33.0%	878,220	825,009	53,211	6.4%
32 UNIT COST (\$/TON)	67.75	75.25	(7.50)	-10.0%	73.41	74.04	(0.63)	-0.9%
33 AMOUNT (\$)	25,983,621	21,696,295	4,287,326	19.8%	64,470,473	61,085,684	3,384,789	5.5%
34 BURNED:								
35 UNITS (TONS)	195,713	319,890	(124,177)	-38.8%	811,813	915,180	(103,367)	-11.3%
36 UNIT COST (\$/TON)	72.05	75.36	(3.31)	-4.4%	72.89	72.54	0.35	0.5%
37 AMOUNT (\$)	14,101,595	24,107,497	(10,005,902)	-41.5%	59,170,664	66,387,348	(7,216,684)	-10.9%
38 ENDING INVENTORY:								
39 UNITS (TONS)	394,112	386,266	7,846	2.0%	394,112	386,266	7,846	2.0%
40 UNIT COST (\$/TON)	69.76	64.67	5.09	7.9%	69.76	64.67	5.09	7.9%
41 AMOUNT (\$)	27,495,127	24,980,731	2,514,396	10.1%	27,495,127	24,980,731	2,514,396	10.1%
42								
43 DAYS SUPPLY:	37	37	0	0.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	7,213,157	4,837,590	2,375,567	49.1%	16,685,819	14,330,660	2,355,159	16.4%
46 UNIT COST (\$/MCF)	3.90	5.15	(1.26)	-24.4%	4.40	5.19	(0.79)	-15.3%
47 AMOUNT (\$)	28,098,424	24,915,929	3,182,495	12.8%	73,363,097	74,392,536	(1,029,439)	-1.4%
48 BURNED:								
49 UNITS (MCF)	7,280,323	4,837,590	2,442,733	50.5%	16,860,223	14,330,660	2,529,563	17.7%
50 UNIT COST (\$/MCF)	3.86	5.13	(1.27)	-24.7%	4.35	5.16	(0.81)	-15.7%
51 AMOUNT (\$)	28,136,560	24,816,367	3,320,193	13.4%	73,312,207	73,960,228	(648,021)	-0.9%
52 ENDING INVENTORY:								
53 UNITS (MCF)	794,427	875,486	(81,059)	-9.3%	794,427	875,486	(81,059)	-9.3%
54 UNIT COST (\$/MCF)	3.08	3.44	(0.36)	-10.5%	3.08	3.44	(0.36)	-10.5%
55 AMOUNT (\$)	2,449,202	3,015,360	(566,158)	-18.8%	2,449,202	3,015,360	(566,158)	-18.8%
56								
57 DAYS SUPPLY:	4	4	0	0.0%	-	-	-	-
NUCLEAR								
58 BURNED:								
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%

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

SCHEDULE A5
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	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%	-	-	-	-	

(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	38,646
NON-INV EXPENSE	312,068
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	158,838
POLK NG IGNITION	13,295
AERIAL SURVEY ADJ	0
ADDITIVES	44,669
TOTAL	567,516

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(158,838)
POLK NG IGNITION		(13,019)
INVENTORY ADJ	0	0
TOTAL	0	(171,857)

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

SCHEDULE A4
PAGE 1 OF 1
REVISED 5/10/17

(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	232	21.6	-	50.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	18.0	2,743	35.3	-	57.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	187	18.6	-	41.8	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	21.1	3,162	22.3	-	55.7	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	141	15,915	16.8	99.5	26.1	-	NG CO-FIRE	180,381	1,024,000	184,710.0	830,577	5.22	4.60
B.B.#1 COAL	395	151,428	57.0	99.5	57.0	-	COAL	70,582	24,440,583	1,725,065.2	5,218,747	3.45	73.94
BIG BEND #1 TOTAL	395	167,343	63.0	99.5	63.0	11,412	-	-	-	1,909,775.2	6,049,324	3.61	-
B.B.#2 NAT GAS CO-FIRE	141	2,193	2.3	76.8	17.9	-	NG CO-FIRE	24,060	1,024,000	24,637.0	110,784	5.05	4.60
B.B.#2 COAL	395	150,559	56.7	76.8	65.4	-	COAL	68,694	24,208,444	1,662,974.9	5,079,151	3.37	73.94
BIG BEND #2 TOTAL	395	152,752	57.5	76.8	66.3	11,048	-	-	-	1,687,611.9	5,189,935	3.40	-
B.B.#3 NAT GAS CO-FIRE	141	224	0.2	79.6	6.1	-	NG CO-FIRE	2,135	1,024,000	2,186.0	9,830	4.39	4.60
B.B.#3 COAL	400	50,479	18.8	79.6	57.9	-	COAL	19,868	24,340,678	483,600.6	1,469,016	2.91	73.94
BIG BEND #3 TOTAL	400	50,703	18.9	79.6	58.1	9,581	-	-	-	485,786.6	1,478,846	2.92	-
B.B.#4 NAT GAS CO-FIRE	163	906	0.8	84.9	10.1	-	NG CO-FIRE	9,372	1,024,000	9,597.0	43,154	4.76	4.60
B.B.#4 COAL	442	189,167	63.7	84.9	73.5	-	COAL	80,611	24,546,023	1,978,679.5	5,960,279	3.15	73.94
BIG BEND #4 TOTAL	442	190,073	64.0	84.9	73.9	10,461	-	-	-	1,988,276.5	6,003,433	3.16	-
B.B. IGNITION	-	-	-	-	-	-	GAS	25,865	1,024,000	26,486.0	119,098	-	4.60
BIG BEND 1-4 COAL TOTAL	1,632	541,633	49.4	85.2	64.5	10,801	COAL	239,755	24,401,244	5,850,320.2	17,727,193	3.27	73.94
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)	61	860	2.1	98.6	82.4	10,681	GAS	8,971	1,024,000	9,186.0	41,306	4.80	4.60
BIG BEND CT #4 TOTAL	61	860	2.1	98.6	82.4	10,681	-	-	-	9,186.0	41,306	4.80	-
BIG BEND STATION TOTAL	1,693	561,731	49.4	85.6	66.8	10,825	-	-	-	6,080,636.2	18,881,942	3.36	-
POLK #1 GASIFIER	220	137,862	93.3	95.3	97.9	10,169	COAL	50,241	27,905,008	1,401,980.0	3,126,811	2.27	62.24
POLK #1 CT (GAS)	195	5,747	4.4	99.3	30.3	8,380	GAS	47,029	1,024,000	48,158.0	216,550	3.77	4.60
POLK #1 TOTAL	220	143,609	97.1	99.3	97.9	10,098	-	-	-	1,450,138.0	3,343,361	2.33	-
POLK #2 ST DUCT FIRING	120	3,571	4.4	-	90.7	8,239	GAS	28,731	1,024,000	29,420.0	132,292	3.70	4.60
POLK #2 ST W/O DUCT FIRING	343	97,882	42.5	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	463	101,453	32.6	76.7	42.5	-	GAS	-	-	29,420.0	132,292	0.13	-
POLK #2 CT (GAS)	183	47,592	38.7	95.9	75.5	11,301	GAS	525,235	1,024,000	537,841.0	2,418,484	5.08	4.60
POLK #2 CT (OIL)	187	0	0.0	95.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	183	47,592	38.7	95.9	75.5	11,301	-	-	-	537,841.0	2,418,484	5.08	-
POLK #3 CT (GAS)	183	24,257	19.7	47.6	74.8	11,323	GAS	268,224	1,024,000	274,661.0	1,235,055	5.09	4.60
POLK #3 CT (OIL)	187	0	0.0	47.6	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	183	24,257	19.7	47.6	74.8	11,323	-	-	-	274,661.0	1,235,055	5.09	-
POLK #4 (GAS)	183	57,753	47.0	96.4	73.1	10,666	GAS	601,562	1,024,000	615,999.0	2,769,934	4.80	4.60
POLK #5 (GAS)	183	55,111	44.8	99.1	73.7	11,224	GAS	604,083	1,024,000	618,581.0	2,781,544	5.05	4.60
POLK #2 CC TOTAL	1,195	286,166	35.6	63.7	58.6	7,256	GAS	-	-	2,076,502.0	9,337,309	3.26	-
POLK STATION TOTAL	1,415	429,775	45.2	69.3	67.7	8,206	-	-	-	3,526,640.0	12,680,670	2.95	-
BAYSIDE ST 1	243	42,933	26.3	99.4	38.2	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	31,194	25.4	98.7	68.7	12,195	GAS	371,486	1,024,000	380,402.0	1,710,788	5.48	4.61
BAYSIDE CT1B	183	45,482	37.0	92.6	64.2	12,973	GAS	576,222	1,024,000	590,051.0	2,653,649	5.83	4.61
BAYSIDE CT1C	183	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 1 TOTAL	792	119,609	22.5	80.9	32.6	8,114	GAS	947,708	1,024,000	970,453.0	4,364,437	3.65	4.61
BAYSIDE ST 2	315	50,397	23.8	50.7	53.6	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	30,204	24.6	47.5	71.4	12,124	GAS	357,616	1,024,000	366,199.0	1,646,914	5.45	4.61
BAYSIDE CT2B	183	18,074	14.7	46.4	71.6	12,122	GAS	213,958	1,024,000	219,093.0	985,332	5.45	4.61
BAYSIDE CT2C	183	21,669	17.6	46.2	71.4	12,057	GAS	255,146	1,024,000	261,270.0	1,175,014	5.42	4.61
BAYSIDE CT2D	183	25,757	20.9	47.8	67.1	12,409	GAS	312,125	1,024,000	319,616.0	1,437,416	5.58	4.61
BAYSIDE UNIT 2 TOTAL	1,047	146,101	20.8	47.0	46.7	7,982	GAS	1,138,845	1,024,000	1,166,178.0	5,244,676	3.59	4.61
BAYSIDE UNIT 3 TOTAL	61	635	1.5	96.1	83.1	12,339	GAS	7,651	1,024,000	7,835.0	35,236	5.55	4.61
BAYSIDE UNIT 4 TOTAL	61	883	2.2	100.0	90.8	11,778	GAS	10,156	1,024,000	10,400.0	46,772	5.30	4.61
BAYSIDE UNIT 5 TOTAL	61	524	1.3	100.0	79.8	12,782	GAS	6,541	1,024,000	6,698.0	30,123	5.75	4.61
BAYSIDE UNIT 6 TOTAL	61	242	0.6	100.0	65.0	13,215	GAS	3,123	1,024,000	3,198.0	14,382	5.94	4.61
BAYSIDE STATION TOTAL	2,083	267,994	19.1	66.0	39.3	8,078	GAS	2,114,024	1,024,000	2,164,762.0	9,735,626	3.63	4.61
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	-	-	0	0	-	-
SYSTEM	5,212	1,262,662	36.0	73.0	58.4	9,323	-	-	-	11,772,038.2	41,298,238	3.27	-

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
 CT = COMBUSTION TURBINE
 NG = NATURAL GAS
 ST = STEAM
 CC = COMBINED CYCLE

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

**SCHEDULE A5
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	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	440	(440)	-100.0%	0	860	(860)	-100.0%
17 UNIT COST (\$/BBL)	0.00	73.11	(73.11)	-100.0%	0.00	72.95	(72.95)	-100.0%
18 AMOUNT (\$)	0	32,170	(32,170)	-100.0%	0	62,734	(62,734)	-100.0%
19 BURNED:								
20 UNITS (BBL)	0	440	(440)	-100.0%	0	860	(860)	-100.0%
21 UNIT COST (\$/BBL)	0.00	123.21	(123.21)	-100.0%	0.00	123.45	(123.45)	-100.0%
22 AMOUNT (\$)	0	54,211	(54,211)	-100.0%	0	106,166	(106,166)	-100.0%
23 ENDING INVENTORY:								
24 UNITS (BBL)	44,488	44,488	0	0.0%	44,488	44,488	0	0.0%
25 UNIT COST (\$/BBL)	127.48	123.21	4.28	3.5%	127.48	123.21	4.28	3.5%
26 AMOUNT (\$)	5,671,463	5,481,224	190,239	3.5%	5,671,463	5,481,224	190,239	3.5%
27								
28 DAYS SUPPLY: NORMAL	3,274	3,274	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL ⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	263,607	253,333	10,274	4.1%	494,704	536,676	(41,972)	-7.8%
32 UNIT COST (\$/TON)	73.26	74.59	(1.33)	-1.8%	77.80	73.40	4.40	6.0%
33 AMOUNT (\$)	19,312,768	18,896,679	416,089	2.2%	38,486,852	39,389,389	(902,537)	-2.3%
34 BURNED:								
35 UNITS (TONS)	289,996	257,240	32,756	12.7%	616,100	595,290	20,810	3.5%
36 UNIT COST (\$/TON)	72.32	71.25	1.08	1.5%	73.15	71.02	2.13	3.0%
37 AMOUNT (\$)	20,973,102	18,327,084	2,646,018	14.4%	45,069,069	42,279,851	2,789,218	6.6%
38 ENDING INVENTORY:								
39 UNITS (TONS)	206,309	417,823	(211,514)	-50.6%	206,309	417,823	(211,514)	-50.6%
40 UNIT COST (\$/TON)	72.93	64.98	7.95	12.2%	72.93	64.98	7.95	12.2%
41 AMOUNT (\$)	15,045,585	27,149,491	(12,103,906)	-44.6%	15,045,585	27,149,491	(12,103,906)	-44.6%
42								
43 DAYS SUPPLY:	20	40	(20)	-50.0%	-	-	-	-
NATURAL GAS ⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	4,536,743	4,785,900	(249,157)	-5.2%	9,472,662	9,493,070	(20,408)	-0.2%
46 UNIT COST (\$/MCF)	4.60	5.10	(0.50)	-9.7%	4.78	5.21	(0.43)	-8.3%
47 AMOUNT (\$)	20,888,335	24,408,980	(3,520,645)	-14.4%	45,264,673	49,476,607	(4,211,934)	-8.5%
48 BURNED:								
49 UNITS (MCF)	4,413,807	4,785,900	(372,093)	-7.8%	9,579,900	9,493,070	86,830	0.9%
50 UNIT COST (\$/MCF)	4.60	5.08	(0.47)	-9.3%	4.72	5.18	(0.46)	-8.9%
51 AMOUNT (\$)	20,325,136	24,299,192	(3,974,056)	-16.4%	45,175,647	49,143,861	(3,968,214)	-8.1%
52 ENDING INVENTORY:								
53 UNITS (MCF)	861,593	875,486	(13,893)	-1.6%	861,593	875,486	(13,893)	-1.6%
54 UNIT COST (\$/MCF)	3.09	3.50	(0.42)	-11.9%	3.09	3.50	(0.42)	-11.9%
55 AMOUNT (\$)	2,659,195	3,067,020	(407,825)	-13.3%	2,659,195	3,067,020	(407,825)	-13.3%
56								
57 DAYS SUPPLY:	4	4	0	0.0%	-	-	-	-
NUCLEAR								
58 BURNED:								
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%

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

SCHEDULE A4
PAGE 1 OF 1
REVISED 5/10/17

(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	199	16.7	-	40.1	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	18.0	133	1.0	-	16.4	-	SOLAR	-	-	-	-	-	-
LEGOLAND	1.5	158	14.2	-	32.3	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	21.1	490	3.1	-	27.3	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	141	4,486	4.3	99.1	28.4	-	NG CO-FIRE	47,849	1,024,000	48,997.0	230,092	5.13	4.81
B.B.#1 COAL	395	197,984	67.4	99.1	67.8	-	COAL	84,915	25,030,364	2,125,453.4	6,441,358	3.25	75.86
BIG BEND #1 TOTAL	395	202,470	68.9	99.1	69.4	10,740	-	-	-	2,174,450.4	6,671,450	3.30	-
B.B.#2 NAT GAS CO-FIRE	141	9,485	9.0	75.0	38.4	-	NG CO-FIRE	103,451	1,024,000	105,934.0	497,471	5.24	4.81
B.B.#2 COAL	395	180,665	54.7	75.0	69.8	-	COAL	70,377	25,046,990	1,762,732.0	5,338,556	3.32	75.86
BIG BEND #2 TOTAL	395	170,150	57.9	75.0	73.9	10,982	-	-	-	1,868,666.0	5,836,027	3.43	-
B.B.#3 NAT GAS CO-FIRE	141	1,629	1.6	74.7	10.8	-	NG CO-FIRE	16,923	1,024,000	17,329.0	81,378	5.00	4.81
B.B.#3 COAL	400	150,095	50.4	74.7	75.6	-	COAL	62,979	24,919,426	1,569,400.5	4,777,369	3.18	75.86
BIG BEND #3 TOTAL	400	151,724	51.0	74.7	76.4	10,458	-	-	-	1,586,729.5	4,858,747	3.20	-
B.B.#4 NAT GAS CO-FIRE	163	130	0.1	58.3	2.5	-	NG CO-FIRE	1,355	1,024,000	1,388.0	6,518	5.01	4.81
B.B.#4 COAL	442	134,892	41.0	58.3	68.8	-	COAL	56,823	24,998,208	1,420,448.2	4,310,396	3.20	75.86
BIG BEND #4 TOTAL	442	135,022	41.1	58.3	68.9	10,530	-	-	-	1,421,836.2	4,316,914	3.20	-
B.B. IGNITION	-	-	-	-	-	-	GAS	36,367	1,024,000	37,240.0	174,881	-	4.81
BIG BEND 1-4 COAL TOTAL	1,632	643,636	53.0	76.3	70.2	10,686	COAL	275,094	25,002,578	6,878,034.1	20,867,679	3.24	75.86
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)	61	303	0.7	99.1	78.8	14,766	GAS	4,369	1,024,000	4,474.0	21,010	6.93	4.81
BIG BEND CT #4 TOTAL	61	303	0.7	99.1	78.8	14,766	-	-	-	4,474.0	21,010	6.93	-
BIG BEND STATION TOTAL	1,693	659,669	52.4	77.1	71.9	10,697	-	-	-	7,056,156.1	21,879,029	3.32	-
POLK #1 GASIFIER	220	138,384	84.5	87.8	96.2	10,300	COAL	51,010	27,942,775	1,425,349.8	3,053,407	2.21	59.86
POLK #1 CT (GAS)	195	17,437	12.0	100.0	65.7	8,031	GAS	136,753	1,024,000	140,035.0	657,611	3.77	4.81
POLK #1 TOTAL	220	155,821	95.2	100.0	95.2	10,046	-	-	-	1,565,384.8	3,711,018	2.38	-
POLK #2 ST DUCT FIRING	120	46	0.1	-	3.8	191,935	GAS	8,622	1,024,000	8,829.0	41,461	90.13	4.81
POLK #2 ST W/O DUCT FIRING	343	99,380	38.9	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	463	99,426	28.9	100.0	32.7	-	GAS	-	-	8,829.0	41,461	0.04	-
POLK #2 CT (GAS)	183	84,276	61.9	100.0	75.3	11,367	GAS	935,550	1,024,000	958,003.0	4,498,825	5.34	4.81
POLK #2 CT (OIL)	187	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	183	84,276	61.9	100.0	75.3	11,367	-	-	-	958,003.0	4,498,825	5.34	-
POLK #3 CT (GAS)	183	(184)	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #3 CT (OIL)	187	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	183	(184)	0.0	0.0	0.0	0	-	-	-	0.0	0	0.00	-
POLK #4 (GAS)	183	53,521	39.3	100.0	77.3	10,544	GAS	551,115	1,024,000	564,342.0	2,650,175	4.95	4.81
POLK #5 (GAS)	183	48,924	35.9	99.6	66.5	11,604	GAS	554,411	1,024,000	567,717.0	2,666,024	5.45	4.81
POLK #2 CC TOTAL	1,195	285,963	32.2	74.9	51.2	7,340	GAS	-	-	2,098,891.0	9,856,485	3.45	-
POLK STATION TOTAL	1,415	441,784	42.0	78.8	61.2	8,294	-	-	-	3,664,275.8	13,567,503	3.07	-
BAYSIDE ST 1	243	70,593	39.0	100.0	39.0	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	64,760	47.6	95.0	70.6	12,518	GAS	791,696	1,024,000	810,697.0	3,809,340	5.88	4.81
BAYSIDE CT1B	183	62,223	45.7	99.0	67.9	12,334	GAS	749,474	1,024,000	767,461.0	3,606,184	5.80	4.81
BAYSIDE CT1C	183	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 1 TOTAL	792	197,576	33.5	98.0	33.5	7,988	GAS	1,541,170	1,024,000	1,578,158.0	7,415,524	3.75	4.81
BAYSIDE ST 2	315	54,315	23.2	70.8	32.7	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	33,226	24.4	70.8	64.1	11,822	GAS	383,600	1,024,000	392,806.0	1,845,738	5.56	4.81
BAYSIDE CT2B	183	33,889	24.9	67.3	78.8	12,612	GAS	417,398	1,024,000	427,416.0	2,008,361	5.93	4.81
BAYSIDE CT2C	183	24,184	17.8	62.0	70.5	11,943	GAS	282,066	1,024,000	288,836.0	1,357,196	5.61	4.81
BAYSIDE CT2D	183	11,819	8.7	61.0	70.8	11,960	GAS	138,046	1,024,000	141,359.0	664,225	5.62	4.81
BAYSIDE UNIT 2 TOTAL	1,047	157,433	20.2	65.3	28.5	7,943	GAS	1,221,110	1,024,000	1,250,417.0	5,875,520	3.73	4.81
BAYSIDE UNIT 3 TOTAL	61	941	2.1	97.6	81.3	11,967	GAS	10,997	1,024,000	11,261.0	52,914	5.62	4.81
BAYSIDE UNIT 4 TOTAL	61	1,474	3.2	100.0	82.4	11,600	GAS	16,698	1,024,000	17,099.0	80,346	5.45	4.81
BAYSIDE UNIT 5 TOTAL	61	189	0.4	100.0	41.5	14,619	GAS	2,698	1,024,000	2,763.0	12,983	6.87	4.81
BAYSIDE UNIT 6 TOTAL	61	1,139	2.5	98.8	88.3	11,708	GAS	13,022	1,024,000	13,335.0	62,659	5.50	4.81
BAYSIDE STATION TOTAL	2,083	358,752	23.1	81.7	31.3	8,008	GAS	2,805,695	1,024,000	2,873,033.0	13,499,946	3.76	4.81
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	-	-	-	0	-	-
SYSTEM	5,212	1,460,695	37.7	79.1	52.4	9,306	-	-	-	13,593,464.9	48,946,478	3.35	-

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⁾ Station Service

LEGEND:

B.B. = BIG BEND

NG = NATURAL GAS

CC = COMBINED CYCLE

CT = COMBUSTION TURBINE

ST = STEAM

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

**SCHEDULE A5
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REVISED 5/10/17**

	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	420	(420)	-100.0%	0	420	(420)	-100.0%
17 UNIT COST (\$/BBL)	0.00	72.77	(72.77)	-100.0%	0.00	72.77	(72.77)	-100.0%
18 AMOUNT (\$)	0	30,564	(30,564)	-100.0%	0	30,564	(30,564)	-100.0%
19 BURNED:								
20 UNITS (BBL)	0	420	(420)	-100.0%	0	420	(420)	-100.0%
21 UNIT COST (\$/BBL)	0.00	123.70	(123.70)	-100.0%	0.00	123.70	(123.70)	-100.0%
22 AMOUNT (\$)	0	51,955	(51,955)	-100.0%	0	51,955	(51,955)	-100.0%
23 ENDING INVENTORY:								
24 UNITS (BBL)	44,488	44,488	0	0.0%	44,488	44,488	0	0.0%
25 UNIT COST (\$/BBL)	127.48	123.70	3.78	3.1%	127.48	123.70	3.78	3.1%
26 AMOUNT (\$)	5,671,463	5,503,265	168,198	3.1%	5,671,463	5,503,265	168,198	3.1%
27								
28 DAYS SUPPLY: NORMAL	3,018	3,018	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL ⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	231,097	283,343	(52,246)	-18.4%	231,097	283,343	(52,246)	-18.4%
32 UNIT COST (\$/TON)	82.97	72.32	10.65	14.7%	82.97	72.32	10.65	14.7%
33 AMOUNT (\$)	19,174,084	20,492,710	(1,318,626)	-6.4%	19,174,084	20,492,710	(1,318,626)	-6.4%
34 BURNED:								
35 UNITS (TONS)	326,104	338,050	(11,946)	-3.5%	326,104	338,050	(11,946)	-3.5%
36 UNIT COST (\$/TON)	73.89	70.86	3.03	4.3%	73.89	70.86	3.03	4.3%
37 AMOUNT (\$)	24,095,967	23,952,767	143,200	0.6%	24,095,967	23,952,767	143,200	0.6%
38 ENDING INVENTORY:								
39 UNITS (TONS)	232,698	421,730	(189,032)	-44.8%	232,698	421,730	(189,032)	-44.8%
40 UNIT COST (\$/TON)	70.86	62.41	8.45	13.5%	70.86	62.41	8.45	13.5%
41 AMOUNT (\$)	16,488,053	26,319,598	(9,831,545)	-37.4%	16,488,053	26,319,598	(9,831,545)	-37.4%
42								
43 DAYS SUPPLY:	23	41	(18)	-40.0%	-	-	-	-
NATURAL GAS ⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	4,935,919	4,707,170	228,749	4.9%	4,935,919	4,707,170	228,749	4.9%
46 UNIT COST (\$/MCF)	4.94	5.33	(0.39)	-7.3%	4.94	5.33	(0.39)	-7.3%
47 AMOUNT (\$)	24,376,338	25,067,627	(691,289)	-2.8%	24,376,338	25,067,627	(691,289)	-2.8%
48 BURNED:								
49 UNITS (MCF)	5,166,093	4,707,170	458,923	9.7%	5,166,093	4,707,170	458,923	9.7%
50 UNIT COST (\$/MCF)	4.81	5.28	(0.47)	-8.9%	4.81	5.28	(0.47)	-8.9%
51 AMOUNT (\$)	24,850,511	24,844,669	5,842	0.0%	24,850,511	24,844,669	5,842	0.0%
52 ENDING INVENTORY:								
53 UNITS (MCF)	738,657	875,486	(136,829)	-15.6%	738,657	875,486	(136,829)	-15.6%
54 UNIT COST (\$/MCF)	3.00	3.52	(0.52)	-14.8%	3.00	3.52	(0.52)	-14.8%
55 AMOUNT (\$)	2,215,095	3,080,520	(865,425)	-28.1%	2,215,095	3,080,520	(865,425)	-28.1%
56								
57 DAYS SUPPLY:	4	4	0	0.0%	-	-	-	-
NUCLEAR								
58 BURNED:								
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%

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

**SCHEDULE A5
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REVISED 5/10/17**

	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%	-	-	-	-	

(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	28,883
NON-INV EXPENSE	342,933
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	174,881
POLK NG IGNITION	9,115
AERIAL SURVEY ADJ	0
ADDITIVES	6,069
TOTAL	561,881

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES	0	0
BIG BEND NG IGNITION	0	(174,881)
POLK NG IGNITION	0	(9,115)
INVENTORY ADJ	0	68
TOTAL	0	(183,928)