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August 26, 2019

**ELECTRONIC FILING**

Mr. Adam J. Teitzman, Commission Clerk  
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. 20190001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9  
& A12 for the month of July 2019 as well as the following revised pages:


Schedule A4

June 2019

1 Page

Thank you for your assistance in connection with this matter.

Sincerely,

  
J. Jeffry Wahlen

JJJW/ne

Attachment

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

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 26th day of August, 2019 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: July 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	44,658,460	52,050,700	(7,392,240)	-14.2%	1,784,985	1,878,950	(93,965)	-5.0%	2.50190	2.77020	(0.26831)	-9.7%
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	371,476	370,745	731	0.2%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
<b>5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)</b>	<b>45,029,936</b>	<b>52,421,445</b>	<b>(7,391,509)</b>	<b>-14.1%</b>	<b>1,784,985</b>	<b>1,878,950</b>	<b>(93,965)</b>	<b>-5.0%</b>	<b>2.52271</b>	<b>2.78993</b>	<b>(0.26723)</b>	<b>-9.6%</b>
6. Fuel Cost of Purchased Power - Firm (A7)	22,430	0	22,430	0.0%	1,140	0	1,140	0.0%	1.96754	0.00000	1.96754	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	6,830,584	5,713,760	1,116,824	19.5%	211,442	157,290	54,152	34.4%	3.23048	3.63263	(0.40215)	-11.1%
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)	414,453	226,500	187,953	83.0%	21,739	7,460	14,279	191.4%	1.90650	3.03619	(1.12970)	-37.2%
<b>12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)</b>	<b>7,267,467</b>	<b>5,940,260</b>	<b>1,327,207</b>	<b>22.3%</b>	<b>234,321</b>	<b>164,750</b>	<b>69,571</b>	<b>42.2%</b>	<b>3.10150</b>	<b>3.60562</b>	<b>(0.50412)</b>	<b>-14.0%</b>
<b>13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)</b>					<b>2,019,306</b>	<b>2,043,700</b>	<b>(24,394)</b>	<b>-1.2%</b>				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	28,099	23,640	4,459	18.9%	1,538	1,000	538	53.8%	1.82698	2.36400	(0.53702)	-22.7%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	85,246	29,752	55,494	186.5%	4,241	900	3,341	371.2%	2.01004	3.30578	(1.29573)	-39.2%
18. Gains on Sales	82,131	4,163	77,968	1872.9%								
<b>19. TOTAL FUEL COST AND GAINS OF POWER SALES</b>	<b>195,476</b>	<b>57,555</b>	<b>137,921</b>	<b>239.6%</b>	<b>5,779</b>	<b>1,900</b>	<b>3,879</b>	<b>204.2%</b>	<b>3.38252</b>	<b>3.02921</b>	<b>0.35331</b>	<b>11.7%</b>
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					43	0	43	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					2,170	0	2,170	0.0%				
22. Interchange and Wheeling Losses					2,307	47	2,260	4855.4%				
<b>23. TOTAL FUEL AND NET POWER TRANSACTIONS</b>	<b>52,101,927</b>	<b>58,304,150</b>	<b>(6,202,223)</b>	<b>-10.6%</b>	<b>2,013,433</b>	<b>2,041,753</b>	<b>(28,320)</b>	<b>-1.4%</b>	<b>2.58772</b>	<b>2.85559</b>	<b>(0.26788)</b>	<b>-9.4%</b>
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(197,106) (a)	1,284,645 (a)	(1,481,751)	-115.3%	(7,617)	44,987	(52,604)	-116.9%	2.58771	2.85559	(0.26788)	-9.4%
25. Company Use	90,622 (a)	88,523 (a)	2,099	2.4%	3,502	3,100	402	13.0%	2.58772	2.85558	(0.26786)	-9.4%
26. T & D Losses	2,387,556 (a)	2,488,690 (a)	(101,134)	-4.1%	92,265	87,151	5,114	5.9%	2.58772	2.85559	(0.26788)	-9.4%
27. System KWH Sales	52,101,927	58,304,150	(6,202,223)	-10.6%	1,925,283	1,906,515	18,768	1.0%	2.70620	3.05815	(0.35196)	-11.5%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	52,101,927	58,304,150	(6,202,223)	-10.6%	1,925,283	1,906,515	18,768	1.0%	2.70620	3.05815	(0.35196)	-11.5%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	52,101,927	58,304,150	(6,202,223)	-10.6%	1,925,283	1,906,515	18,768	1.0%	2.70620	3.05815	(0.35196)	-11.5%
32. Adjustment-BB Unit 2 Outage Replacement Power Cost T-up	0	0	0	0.0%	1,925,283	1,906,515	18,768	1.0%	0.00000	0.00000	0.00000	0.0%
33. True-up *	3,949,496	3,949,496	0	0.0%	1,925,283	1,906,515	18,768	1.0%	0.20514	0.20716	(0.00202)	-1.0%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	56,051,423	62,253,646	(6,202,223)	-10.0%	1,925,283	1,906,515	18,768	1.0%	2.91133	3.26531	(0.35398)	-10.8%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	56,091,780	62,298,469	(6,206,689)	-10.0%	1,925,283	1,906,515	18,768	1.0%	2.91343	3.26766	(0.35423)	-10.8%
37. GPIF * (Already Adjusted for Taxes)	(188,418)	(188,418)	0	0.0%	1,925,283	1,906,515	18,768	1.0%	(0.00979)	(0.00988)	0.00010	-1.0%
<b>38. Fuel Cost Adjusted for Taxes (Incl. GPIF)</b>	<b>55,903,362</b>	<b>62,110,051</b>	<b>(6,206,689)</b>	<b>-10.0%</b>	<b>1,925,283</b>	<b>1,906,515</b>	<b>18,768</b>	<b>1.0%</b>	<b>2.90364</b>	<b>3.25778</b>	<b>(0.35413)</b>	<b>-10.9%</b>
<b>39. Fuel FAC Rounded to the Nearest .001 cents per KWH</b>									<b>2.904</b>	<b>3.258</b>	<b>(0.354)</b>	<b>-10.9%</b>

\* 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: July 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	314,722,503	345,502,708	(30,780,205)	-8.9%	11,264,444	11,273,260	(8,816)	-0.1%	2.79395	3.06480	(0.27085)	-8.8%
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	2,641,805	2,641,074	731	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
<b>5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)</b>	<b>317,364,308</b>	<b>348,143,782</b>	<b>(30,779,474)</b>	<b>-8.8%</b>	<b>11,264,444</b>	<b>11,273,260</b>	<b>(8,816)</b>	<b>-0.1%</b>	<b>2.81740</b>	<b>3.08823</b>	<b>(0.27083)</b>	<b>-8.8%</b>
6. Fuel Cost of Purchased Power - Firm (A7)	236,901	0	236,901	0.0%	5,027	0	5,027	0.0%	4.71257	0.00000	4.71257	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	21,464,550	13,991,570	7,472,980	53.4%	577,212	373,300	203,912	54.6%	3.71866	3.74808	(0.02942)	-0.8%
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 & Net Metering (A8)	2,687,841	1,517,910	1,169,931	77.1%	123,041	52,520	70,521	134.3%	2.18451	2.89016	(0.70565)	-24.4%
<b>12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)</b>	<b>24,389,292</b>	<b>15,509,480</b>	<b>8,879,812</b>	<b>57.3%</b>	<b>705,280</b>	<b>425,820</b>	<b>279,460</b>	<b>65.6%</b>	<b>3.45810</b>	<b>3.64226</b>	<b>(0.18416)</b>	<b>-5.1%</b>
<b>13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)</b>					<b>11,969,724</b>	<b>11,699,080</b>	<b>270,644</b>	<b>2.3%</b>				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	362,863	173,710	189,153	108.9%	18,065	6,360	11,705	184.0%	2.00865	2.73129	(0.72264)	-26.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	827,048	273,937	553,111	201.9%	33,171	6,900	26,271	380.7%	2.49329	3.97010	(1.47682)	-37.2%
18. Gains on Sales	537,293	36,131	501,162	1387.1%								
<b>19. TOTAL FUEL COST AND GAINS OF POWER SALES</b>	<b>1,727,204</b>	<b>483,778</b>	<b>1,243,426</b>	<b>257.0%</b>	<b>51,236</b>	<b>13,260</b>	<b>37,976</b>	<b>286.4%</b>	<b>3.37108</b>	<b>3.64840</b>	<b>(0.27733)</b>	<b>-7.6%</b>
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					299	0	299	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					18,001	0	18,001	0.0%				
22. Interchange and Wheeling Losses					19,207	315	18,892	5998.0%				
<b>23. TOTAL FUEL AND NET POWER TRANSACTIONS</b>	<b>340,026,396</b>	<b>363,169,484</b>	<b>(23,143,088)</b>	<b>-6.4%</b>	<b>11,917,581</b>	<b>11,685,505</b>	<b>232,076</b>	<b>2.0%</b>	<b>2.85315</b>	<b>3.10786</b>	<b>(0.25471)</b>	<b>-8.2%</b>
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	6,563,933 (a)	6,910,213 (a)	(346,280)	-5.0%	244,710	277,105	(32,395)	-11.7%	2.68233	2.49372	0.18861	7.6%
25. Company Use	610,084 (a)	684,376 (a)	(74,292)	-10.9%	21,232	21,700	(468)	-2.2%	2.87342	3.15381	(0.28039)	-8.9%
26. T & D Losses	16,757,098 (a)	15,316,510 (a)	1,440,588	9.4%	585,779	481,479	104,300	21.7%	2.86065	3.18114	(0.32049)	-10.1%
27. System KWH Sales	340,026,396	363,169,484	(23,143,088)	-6.4%	11,065,860	10,905,221	160,639	1.5%	3.07275	3.33023	(0.25748)	-7.7%
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	340,026,396	363,169,484	(23,143,088)	-6.4%	11,065,860	10,905,221	160,639	1.5%	3.07275	3.33023	(0.25748)	-7.7%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	340,026,396	363,169,484	(23,143,088)	-6.4%	11,065,860	10,905,221	160,639	1.5%	3.07275	3.33023	(0.25748)	-7.7%
32. Adjustments - Schedule A2, page 2, lines 6c and 7a	0	0	0	0.0%	11,065,860	10,905,221	160,639	1.5%	0.00000	0.00000	0.00000	0.0%
33. True-up *	14,044,112	14,044,112	0	0.0%	11,065,860	10,905,221	160,639	1.5%	0.12691	0.12878	(0.00187)	-1.5%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	354,070,508	377,213,596	(23,143,088)	-6.1%	11,065,860	10,905,221	160,639	1.5%	3.19967	3.45902	(0.25935)	-7.5%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	354,325,439	377,485,189	(23,159,750)	-6.1%	11,065,860	10,905,221	160,639	1.5%	3.20197	3.46151	(0.25954)	-7.5%
37. GPIF * (Already Adjusted for Taxes)	(1,318,926)	(1,318,926)	0	0.0%	11,065,860	10,905,221	160,639	1.5%	(0.01192)	(0.01209)	0.00018	-1.5%
<b>38. Fuel Cost Adjusted for Taxes (Incl. GPIF)</b>	<b>353,006,513</b>	<b>376,166,263</b>	<b>(23,159,750)</b>	<b>-6.2%</b>	<b>11,065,860</b>	<b>10,905,221</b>	<b>160,639</b>	<b>1.5%</b>	<b>3.19005</b>	<b>3.44942</b>	<b>(0.25936)</b>	<b>-7.5%</b>
<b>39. Fuel FAC Rounded to the Nearest .001 cents per KWH</b>									<b>3.190</b>	<b>3.449</b>	<b>(0.259)</b>	<b>-7.5%</b>

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
<b>A. FUEL COST &amp; NET POWER TRANSACTION</b>								
1. FUEL COST OF SYSTEM NET GENERATION	44,658,460	52,050,700	(7,392,240)	-14.2%	314,722,503	345,502,708	(30,780,205)	-8.9%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	113,345	53,392	59,953	112.3%	1,189,911	447,647	742,264	165.8%
2a. GAINS FROM SALES	82,131	4,163	77,968	1872.9%	537,293	36,131	501,162	1387.1%
3. FUEL COST OF PURCHASED POWER	22,430	0	22,430	0.0%	236,901	0	236,901	0.0%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	414,453	226,500	187,953	83.0%	2,687,841	1,517,910	1,169,931	77.1%
4. ENERGY COST OF ECONOMY PURCHASES	6,830,584	5,713,760	1,116,824	19.5%	21,464,550	13,991,570	7,472,980	53.4%
5. TOTAL FUEL & NET POWER TRANSACTION	51,730,451	57,933,405	(6,202,954)	-10.7%	337,384,591	360,528,410	(23,143,819)	-6.4%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	371,476	370,745	731	0.2%	2,641,805	2,641,074	731	0.0%
6b. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	52,101,927	58,304,150	(6,202,223)	-10.6%	340,026,396	363,169,484	(23,143,088)	-6.4%
<b>B. MWH SALES</b>								
1. JURISDICTIONAL SALES	1,925,283	1,906,515	18,768	1.0%	11,065,860	10,905,221	160,639	1.5%
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%
3. TOTAL SALES	1,925,283	1,906,515	18,768	1.0%	11,065,860	10,905,221	160,639	1.5%
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: July 2019

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
<b>C. TRUE-UP CALCULATION</b>									
1. JURISDICTIONAL FUEL REVENUE	62,861,508	62,312,123	549,385	0.9%	333,355,431	328,891,569	4,463,862	1.4%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	(3,949,496)	(3,949,496)	0	0.0%	(14,044,112)	(14,044,112)	0	0.0%	
2b. GPIF PROVISION	188,418	188,418	0	0.0%	1,318,926	1,318,926	0	0.0%	
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	59,100,430	58,551,045	549,385	0.9%	320,630,245	316,166,383	4,463,862	1.4%	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	52,101,927	58,304,150	(6,202,223)	-10.6%	340,026,396	363,169,484	(23,143,088)	-6.4%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-	
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	52,101,927	58,304,150	(6,202,223)	-10.6%	340,026,396	363,169,484	(23,143,088)	-6.4%	
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-	
6b. (LINE C6 x LINE C6a)	52,101,927	58,304,150	(6,202,223)	-10.6%	340,026,396	363,169,484	(23,143,088)	-6.4%	
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	52,101,927	58,304,150	(6,202,223)	-10.6%	340,026,396	363,169,484	(23,143,088)	-6.4%	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	6,998,503	246,895	6,751,608	2734.6%	(19,396,151)	(47,003,101)	27,606,950	-58.7%	
8. INTEREST PROVISION FOR THE MONTH	(89,153)	(70,092)	(19,061)	27.2%	(744,953)	(521,201)	(223,752)	42.9%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(53,926,747)	(30,591,004)	(23,335,743)	76.3%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	3,949,496	3,949,496	0	0.0%	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	(43,067,901)	(26,464,705)	(16,603,196)	62.7%	-----NOT APPLICABLE-----				



CALCULATION OF TRUE-UP AND INTEREST PROVISION  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b>D. INTEREST PROVISION</b>								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	(53,926,747)	(30,591,004)	(23,335,743)	76.3%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>(42,978,748)</u>	<u>(26,394,613)</u>	<u>(16,584,135)</u>	<u>62.8%</u>	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(96,905,495)</u>	<u>(56,985,617)</u>	<u>(39,919,878)</u>	<u>70.1%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(48,452,748)	(28,492,809)	(19,959,939)	70.1%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	2.320	2.950	(0.630)	-21.4%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>2.100</u>	<u>2.950</u>	<u>(0.850)</u>	<u>-28.8%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>4.420</u>	<u>5.900</u>	<u>(1.480)</u>	<u>-25.1%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	2.210	2.950	(0.740)	-25.1%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.184	0.246	(0.062)	-25.2%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(89,153)</u>	<u>(70,092)</u>	<u>(19,061)</u>	<u>27.2%</u>	NOT APPLICABLE			

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

	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	46,586	0	46,586	0.0%	75,651	142,781	(67,130)	-47.0%
3 COAL	4,329,354	4,628,114	(298,760)	-6.5%	28,700,261	34,297,425	(5,597,164)	-16.3%
4 NATURAL GAS	40,282,520	47,422,586	(7,140,066)	-15.1%	285,946,591	311,062,502	(25,115,911)	-8.1%
5 SOLAR	0	0	0	0.0%	0	0	0	0.0%
6 OTHER	0	0	0	0.0%	0	0	0	0.0%
7 TOTAL (\$)	44,658,460	52,050,700	(7,392,240)	-14.2%	314,722,503	345,502,708	(30,780,205)	-8.9%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	132	0	132	0.0%	199	600	(401)	-66.8%
10 COAL	113,902	129,890	(15,988)	-12.3%	773,445	1,053,000	(279,555)	-26.5%
11 NATURAL GAS	1,603,900	1,657,260	(53,360)	-3.2%	10,046,837	9,574,710	472,127	4.9%
12 SOLAR	67,051	91,800	(24,749)	-27.0%	443,963	644,950	(200,987)	-31.2%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,784,985	1,878,950	(93,965)	-5.0%	11,264,444	11,273,260	(8,816)	-0.1%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	365	0	365	0.0%	593	1,120	(527)	-47.1%
17 COAL (TON)	56,778	67,130	(10,352)	-15.4%	365,339	511,520	(146,181)	-28.6%
18 NATURAL GAS (MCF)	12,284,097	12,024,630	259,467	2.2%	78,690,260	69,002,400	9,687,860	14.0%
19 SOLAR (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
20 OTHER (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
BTUS BURNED (MMBTU)								
21 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
22 LIGHT OIL	2,116	0	2,116	0.0%	3,445	6,460	(3,015)	-46.7%
23 COAL	1,311,269	1,510,350	(199,081)	-13.2%	8,494,684	11,509,150	(3,014,466)	-26.2%
24 NATURAL GAS	12,591,202	12,333,000	258,202	2.1%	80,385,460	70,791,080	9,594,380	13.6%
25 SOLAR	0	0	0	0.0%	0	0	0	0.0%
26 OTHER	0	0	0	0.0%	0	0	0	0.0%
27 TOTAL (MMBTU)	13,904,587	13,843,350	61,237	0.4%	88,883,589	82,306,690	6,576,899	8.0%
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	0.01%	0.00%	0.01%	0.0%	0.00%	0.01%	0.00%	-66.8%
30 COAL	6.38%	6.91%	-0.53%	-7.7%	6.87%	9.34%	-2.47%	-26.5%
31 NATURAL GAS	89.86%	88.20%	1.65%	1.9%	89.19%	84.93%	4.26%	5.0%
32 SOLAR	3.76%	4.89%	-1.13%	-23.1%	3.94%	5.72%	-1.78%	-31.1%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	127.63	0.00	127.63	0.0%	127.57	127.48	0.09	0.1%
37 COAL (\$/TON)	76.25	68.94	7.31	10.6%	78.56	67.05	11.51	17.2%
38 NATURAL GAS (\$/MCF)	3.28	3.94	(0.66)	-16.9%	3.63	4.51	(0.87)	-19.4%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	22.02	0.00	22.02	0.0%	21.96	22.10	(0.14)	-0.6%
43 COAL	3.30	3.06	0.24	7.7%	3.38	2.98	0.40	13.4%
44 NATURAL GAS	3.20	3.85	(0.65)	-16.8%	3.56	4.39	(0.84)	-19.0%
45 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
46 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
47 TOTAL (\$/MMBTU)	3.21	3.76	(0.55)	-14.6%	3.54	4.20	(0.66)	-15.6%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

	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	16,030	0	16,030	0.0%	17,312	10,767	6,545	60.8%
50 COAL	11,512	11,628	(116)	-1.0%	10,983	10,930	53	0.5%
51 NATURAL GAS	7,850	7,442	408	5.5%	8,001	7,394	607	8.2%
52 SOLAR	0	0	0	0.0%	0	0	0	0.0%
53 OTHER	0	0	0	0.0%	0	0	0	0.0%
54 TOTAL (BTU/KWH)	7,790	7,368	422	5.7%	7,891	7,301	590	8.1%
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	35.29	0.00	35.29	0.0%	38.02	23.80	14.22	59.7%
57 COAL	3.80	3.56	0.24	6.7%	3.71	3.26	0.45	13.8%
58 NATURAL GAS	2.51	2.86	(0.35)	-12.2%	2.85	3.25	(0.40)	-12.3%
59 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
60 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 TOTAL (cents/KWH)	2.50	2.77	(0.27)	-9.7%	2.79	3.06	(0.27)	-8.8%

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

(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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	263	22.1	-	41.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,685	25.5	-	51.7	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	219	19.6	-	39.4	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	9,648	18.4	-	39.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	11,886	21.5	-	46.2	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	7,947	14.3	-	31.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	9,393	20.7	-	43.9	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	8,747	21.2	-	44.9	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	6,980	25.0	-	52.1	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	8,283	22.4	-	44.2	-	SOLAR	-	-	-	-	-	-
<b>SOLAR TOTAL</b>	<b>445.2</b>	<b>67,051</b>	<b>20.2</b>	<b>-</b>	<b>38.1</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BIG BEND #1 TOTAL</b>	<b>305</b>	<b>88,399</b>	<b>39.0</b>	<b>100.0</b>	<b>41.5</b>	<b>14,450</b>	<b>GAS</b>	<b>1,246,181</b>	<b>1,025,000</b>	<b>1,277,335.4</b>	<b>4,073,635</b>	<b>4.61</b>	<b>3.27</b>
<b>BIG BEND #2 TOTAL</b>	<b>340</b>	<b>0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	345	40,095	15.6	36.8	53.6	-	GAS	454,332	1,025,000	465,690.7	1,485,166	3.70	3.27
<b>BIG BEND #3 TOTAL</b>	<b>345</b>	<b>40,095</b>	<b>15.6</b>	<b>36.8</b>	<b>53.6</b>	<b>11,615</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>465,690.7</b>	<b>1,485,166</b>	<b>3.70</b>	<b>-</b>
B.B.#4 (COAL)	437	115,157	35.4	66.2	53.1	-	COAL	56,778	23,094,673	1,311,269.3	4,329,354	3.76	76.25
B.B.#4 (GAS)	185	2,904	2.1	66.2	100.0	-	GAS	32,684	1,025,000	33,501.5	106,843	3.68	3.27
<b>BIG BEND #4 TOTAL</b>	<b>437</b>	<b>118,061</b>	<b>36.3</b>	<b>66.2</b>	<b>52.7</b>	<b>11,390</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,344,770.8</b>	<b>4,436,197</b>	<b>3.76</b>	<b>-</b>
B.B. IGNITION	-	-	-	-	-	-	GAS	37,798	0	38,742.7	123,558	-	3.27
<b>BIG BEND CT #4 TOTAL</b>	<b>(3) 56</b>	<b>(87)</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
<b>BIG BEND STATION TOTAL</b>	<b>1,483</b>	<b>246,468</b>	<b>23.8</b>	<b>75.9</b>	<b>25.3</b>	<b>12,528</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,087,796.9</b>	<b>10,118,556</b>	<b>4.11</b>	<b>-</b>
POLK #1 GASIFIER	(3) 220	(1,255)	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
POLK #1 CT (GAS)	150	28,558	25.6	98.8	59.5	13,519	GAS	376,663	1,025,000	386,080.0	1,231,274	3.03	3.27
POLK #1 ST	85	12,135	19.2	98.8	45.4	0	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>	<b>235</b>	<b>39,438</b>	<b>23.3</b>	<b>98.8</b>	<b>54.1</b>	<b>9,789</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>386,080.0</b>	<b>1,231,274</b>	<b>3.12</b>	<b>-</b>
POLK #2 ST DUCT FIRING	120	17,755	19.9	-	86.4	8,400	GAS	145,503	1,025,000	149,140.0	475,632	2.68	3.27
POLK #2 ST W/O DUCT FIRING	341	210,376	82.9	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>	<b>461</b>	<b>228,131</b>	<b>66.5</b>	<b>96.9</b>	<b>86.4</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>149,140.0</b>	<b>475,632</b>	<b>0.21</b>	<b>-</b>
POLK #2 CT (GAS)	150	93,393	83.7	100.0	93.3	11,497	GAS	1,047,529	1,025,000	1,073,717.0	3,424,263	3.67	3.27
POLK #2 CT (OIL)	159	65	0.1	100.0	19.6	16,134	LGT.OIL	182	5,830	1,055.2	23,245	35.76	127.63
<b>POLK #2 TOTAL</b>	<b>150</b>	<b>93,458</b>	<b>83.7</b>	<b>100.0</b>	<b>93.3</b>	<b>11,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,074,772.2</b>	<b>3,447,508</b>	<b>3.69</b>	<b>-</b>
POLK #3 CT (GAS)	150	80,969	72.6	88.5	94.7	11,381	GAS	898,996	1,025,000	921,471.0	2,938,725	3.63	3.27
POLK #3 CT (OIL)	159	67	0.06	88.5	100.0	15,907	LGT.OIL	183	5,830	1,061.0	23,341	34.84	127.33
<b>POLK #3 TOTAL</b>	<b>150</b>	<b>81,036</b>	<b>72.6</b>	<b>88.5</b>	<b>94.7</b>	<b>11,384</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>922,532.0</b>	<b>2,962,066</b>	<b>3.66</b>	<b>-</b>
<b>POLK #4 TOTAL</b>	<b>150</b>	<b>100,096</b>	<b>89.7</b>	<b>100.0</b>	<b>96.3</b>	<b>11,148</b>	<b>GAS</b>	<b>1,088,678</b>	<b>1,025,000</b>	<b>1,115,895.0</b>	<b>3,558,775</b>	<b>3.56</b>	<b>3.27</b>
<b>POLK #5 TOTAL</b>	<b>150</b>	<b>90,162</b>	<b>80.8</b>	<b>100.0</b>	<b>97.8</b>	<b>11,185</b>	<b>GAS</b>	<b>983,909</b>	<b>1,025,000</b>	<b>1,008,507.0</b>	<b>3,216,297</b>	<b>3.57</b>	<b>3.27</b>
<b>POLK #2 CC TOTAL</b>	<b>1,061</b>	<b>592,883</b>	<b>75.1</b>	<b>97.0</b>	<b>75.1</b>	<b>7,204</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>4,270,846.1</b>	<b>13,660,278</b>	<b>2.30</b>	<b>-</b>
<b>POLK STATION TOTAL</b>	<b>1,296</b>	<b>632,321</b>	<b>65.7</b>	<b>97.3</b>	<b>65.7</b>	<b>7,365</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,656,926.1</b>	<b>14,891,552</b>	<b>2.36</b>	<b>-</b>

**SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019**

(A)	(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) <sup>(2)</sup>	(L) AS BURNED FUEL COST (\$) <sup>(1)</sup>	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	112,897	65.1	83.4	68.8	-		-	-	-	-	-	-
BAYSIDE CT1A	156	70,207	60.5	100.0	78.5	11,549	GAS	791,053	1,025,000	810,829.4	2,586,334	3.68	3.27
BAYSIDE CT1B	183	84,259	72.6	100.0	78.6	11,533	GAS	948,081	1,025,000	971,783.1	3,099,734	3.68	3.27
BAYSIDE CT1C	156	49,037	42.2	64.9	77.8	11,330	GAS	542,040	1,025,000	555,591.4	1,772,190	3.61	3.27
<b>BAYSIDE UNIT 1 TOTAL</b>	<b>728</b>	<b>316,400</b>	<b>60.7</b>	<b>86.7</b>	<b>64.1</b>	<b>7,390</b>	<b>GAS</b>	<b>2,281,174</b>	<b>1,025,000</b>	<b>2,338,204.0</b>	<b>7,458,258</b>	<b>2.36</b>	<b>3.27</b>
BAYSIDE ST 2	305	185,194	81.6	100.0	81.6	-		-	-	-	-	-	-
BAYSIDE CT2A	156	77,216	66.5	100.0	81.2	11,137	GAS	838,946	1,025,000	859,919.8	2,742,919	3.55	3.27
BAYSIDE CT2B	156	72,932	62.8	100.0	81.3	11,313	GAS	804,943	1,025,000	825,066.8	2,631,746	3.61	3.27
BAYSIDE CT2C	156	93,141	80.2	100.0	80.2	11,433	GAS	1,038,924	1,025,000	1,064,897.6	3,396,743	3.65	3.27
BAYSIDE CT2D	156	92,105	79.4	100.0	80.2	11,382	GAS	1,022,807	1,025,000	1,048,376.7	3,344,049	3.63	3.27
<b>BAYSIDE UNIT 2 TOTAL</b>	<b>929</b>	<b>520,588</b>	<b>75.3</b>	<b>100.0</b>	<b>75.3</b>	<b>7,296</b>	<b>GAS</b>	<b>3,705,620</b>	<b>1,025,000</b>	<b>3,798,260.9</b>	<b>12,115,457</b>	<b>2.33</b>	<b>3.27</b>
<b>BAYSIDE UNIT 3 TOTAL</b>	<b>56</b>	<b>59</b>	<b>0.1</b>	<b>98.9</b>	<b>82.4</b>	<b>11,516</b>	<b>GAS</b>	<b>658</b>	<b>1,025,000</b>	<b>674.9</b>	<b>2,153</b>	<b>3.65</b>	<b>3.27</b>
<b>BAYSIDE UNIT 4 TOTAL</b>	<b>56</b>	<b>0</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>0</b>	<b>GAS</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>
<b>BAYSIDE UNIT 5 TOTAL</b>	<b>56</b>	<b>957</b>	<b>2.3</b>	<b>98.8</b>	<b>76.3</b>	<b>10,472</b>	<b>GAS</b>	<b>9,773</b>	<b>1,025,000</b>	<b>10,017.0</b>	<b>31,952</b>	<b>3.34</b>	<b>3.27</b>
<b>BAYSIDE UNIT 6 TOTAL</b>	<b>56</b>	<b>1,141</b>	<b>2.7</b>	<b>100.0</b>	<b>88.5</b>	<b>11,138</b>	<b>GAS</b>	<b>12,397</b>	<b>1,025,000</b>	<b>12,707.1</b>	<b>40,532</b>	<b>3.55</b>	<b>3.27</b>
<b>BAYSIDE STATION TOTAL</b>	<b>1,881</b>	<b>839,145</b>	<b>60.8</b>	<b>94.9</b>	<b>60.8</b>	<b>7,341</b>	<b>GAS</b>	<b>6,009,622</b>	<b>1,025,000</b>	<b>6,159,863.8</b>	<b>19,648,352</b>	<b>2.34</b>	<b>3.27</b>
<b>6 SYSTEM</b>	<b>5,105</b>	<b>1,784,985</b>	<b>47.0</b>	<b>89.5</b>	<b>49.9</b>	<b>7,790</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,904,586.9</b>	<b>44,658,460</b>	<b>2.50</b>	<b>-</b>

**LEGEND:**

B.B. = BIG BEND  
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE  
ST = STEAM TURBINE

**Footnotes:**

- <sup>(1)</sup> As burned fuel cost system total includes ignition.  
<sup>(2)</sup> Fuel burned (MM BTU) system total excludes ignition.  
<sup>(3)</sup> Station Service

**SYSTEM GENERATED FUEL COST  
INVENTORY ANALYSIS  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019**

**SCHEDULE A5  
PAGE 1 OF 2**

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b>HEAVY OIL</b>								
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%	-	-	-	-
<b>LIGHT OIL<sup>(1)</sup></b>								
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)	365	0	365	0.0%	593	1,120	(527)	-47.1%
21 UNIT COST (\$/BBL)	127.63	0.00	127.63	0.0%	127.57	127.48	0.09	0.1%
22 AMOUNT (\$)	46,586	0	46,586	0.0%	75,651	142,781	(67,130)	-47.0%
23 ENDING INVENTORY:								
24 UNITS (BBL)	43,405	42,878	527	1.2%	43,405	42,878	527	1.2%
25 UNIT COST (\$/BBL)	127.48	127.48	(0.00)	0.0%	127.48	127.48	(0.00)	0.0%
26 AMOUNT (\$)	5,533,404	5,466,274	67,130	1.2%	5,533,404	5,466,274	67,130	1.2%
27								
28 DAYS SUPPLY: NORMAL	6	6	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
<b>COAL<sup>(2)</sup></b>								
30 PURCHASES:								
31 UNITS (TONS)	79,212	57,500	21,712	37.8%	358,800	422,500	(63,700)	-15.1%
32 UNIT COST (\$/TON)	65.38	67.34	(1.97)	-2.9%	69.28	68.24	1.04	1.5%
33 AMOUNT (\$)	5,178,709	3,872,241	1,306,468	33.7%	24,858,253	28,830,766	(3,972,513)	-13.8%
34 BURNED:								
35 UNITS (TONS)	56,778	67,130	(10,352)	-15.4%	365,339	511,520	(146,181)	-28.6%
36 UNIT COST (\$/TON)	76.25	68.94	7.31	10.6%	78.56	67.05	11.51	17.2%
37 AMOUNT (\$)	4,329,354	4,628,114	(298,760)	-6.5%	28,700,261	34,297,425	(5,597,164)	-16.3%
38 ENDING INVENTORY:								
39 UNITS (TONS)	346,266	312,198	34,068	10.9%	346,266	312,198	34,068	10.9%
40 UNIT COST (\$/TON)	71.36	74.27	(2.91)	-3.9%	71.36	74.27	(2.91)	-3.9%
41 AMOUNT (\$)	24,708,538	23,186,287	1,522,251	6.6%	24,708,538	23,186,287	1,522,251	6.6%
42								
43 DAYS SUPPLY:	164	148	16	10.0%	-	-	-	-
<b>NATURAL GAS<sup>(3)</sup></b>								
44 PURCHASES:								
45 UNITS (MCF)	12,064,258	12,024,630	39,628	0.3%	78,662,894	69,397,596	9,265,298	13.4%
46 UNIT COST (\$/MCF)	3.28	3.95	(0.67)	-16.9%	3.49	4.49	(1.00)	-22.3%
47 AMOUNT (\$)	39,560,154	47,463,546	(7,903,392)	-16.7%	274,656,600	311,851,567	(37,194,967)	-11.9%
48 BURNED:								
49 UNITS (MCF)	12,284,097	12,024,630	259,467	2.2%	78,690,260	69,002,400	9,687,860	14.0%
50 UNIT COST (\$/MCF)	3.28	3.94	(0.66)	-16.9%	3.63	4.51	(0.87)	-19.4%
51 AMOUNT (\$)	40,282,520	47,422,586	(7,140,066)	-15.1%	285,946,591	311,062,502	(25,115,911)	-8.1%
52 ENDING INVENTORY:								
53 UNITS (MCF)	403,568	826,848	(423,280)	-51.2%	403,568	826,848	(423,280)	-51.2%
54 UNIT COST (\$/MCF)	2.76	2.88	(0.12)	-4.3%	2.76	2.88	(0.12)	-4.3%
55 AMOUNT (\$)	1,113,483	2,383,305	(1,269,822)	-53.3%	1,113,483	2,383,305	(1,269,822)	-53.3%
56								
57 DAYS SUPPLY:	1	3	(2)	-66.7%	-	-	-	-
<b>NUCLEAR</b>								
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: July 2019

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
<b>OTHER</b>								
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
<b>TOTAL</b>	<b>0</b>	<b>0</b>

**(2) RECONCILIATION - COAL**

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	DOLLARS
FUEL ANALYSIS	6,436
NON-INV EXPENSE	322,254
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	0
POLK NG IGNITION	0
AERIAL SURVEY ADJ	0
ADDITIVES	0
<b>TOTAL</b>	<b>328,690</b>

**(3) RECONCILIATION - NATURAL GAS**

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES	0	0
BIG BEND NG IGNITION	0	0
POLK NG IGNITION	0	0
INVENTORY ADJ	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>

POWER SOLD  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

(1)	(2)		(3)	(4)	(5)	(6)		(7)	(8)	(9)
SOLD TO	TYPE & SCHEDULE		TOTAL MWH SOLD	MWH WHEELED OTHER SYSTEM	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	TOTAL \$ FOR TOTAL COST (5)X(6B)	GAINS ON MARKET BASED SALES
<b>ESTIMATED:</b>										
SEMINOLE	JURISD.	SCH. - D	1,000.0	0.0	1,000.0	2.364	2.483	23,640.00	24,825.00	1,185.00
VARIOUS	JURISD.	MKT.BASE	900.0	0.0	900.0	3.306	3.637	29,751.57	32,730.00	2,978.43
<b>TOTAL</b>			<b>1,900.0</b>	<b>0.0</b>	<b>1,900.0</b>	<b>2.810</b>	<b>3.029</b>	<b>53,391.57</b>	<b>57,555.00</b>	<b>4,163.43</b>
<b>ACTUAL:</b>										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	1,538.0	0.0	1,538.0	1.827	2.010	28,099.07	30,908.98	2,018.37
EXGEN		SCH. - MA	30.0	0.0	30.0	1.514	2.648	454.20	794.37	282.87
FLORIDA POWER & LIGHT		SCH. - MA	500.0	0.0	500.0	1.843	4.212	9,214.00	21,061.22	10,808.22
DUKE ENERGY FLORIDA		SCH. - MA	1,600.0	0.0	1,600.0	2.155	3.217	34,480.00	51,467.20	13,099.20
ORLANDO UTILITIES		SCH. - MA	80.0	0.0	80.0	1.650	3.512	1,319.60	2,809.34	1,340.14
THE ENERGY AUTHORITY		SCH. - MA	1,991.0	0.0	1,991.0	1.964	4.809	39,111.64	95,750.08	53,782.27
EDF TRADING		SCH. - MA	40.0	0.0	40.0	1.665	3.856	666.00	1,542.48	800.08
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
<b>SUB-TOTAL CURRENT MONTH</b>			<b>5,779.0</b>	<b>0.0</b>	<b>5,779.0</b>	<b>1.961</b>	<b>3.536</b>	<b>113,344.51</b>	<b>204,333.67</b>	<b>82,131.15</b>
<b>NO ADJUSTMENTS TO PRIOR MONTHS</b>										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			1,538.0	0.0	1,538.0	1.827	2.010	28,099.07	30,908.98	2,018.37
SUB-TOTAL SCHEDULE C POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE CB POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			4,241.0	0.0	4,241.0	2.010	4.089	85,245.44	173,424.69	80,112.78
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
<b>TOTAL</b>			<b>5,779.0</b>	<b>0.0</b>	<b>5,779.0</b>	<b>1.961</b>	<b>3.536</b>	<b>113,344.51</b>	<b>204,333.67</b>	<b>82,131.15</b>
<b>CURRENT MONTH:</b>										
DIFFERENCE			3,879.0	0.0	3,879.0	(0.849)	0.507	59,952.94	146,778.67	77,967.72
DIFFERENCE %			204.2%	0.0%	204.2%	-30.2%	16.7%	112.3%	255.0%	1872.7%
<b>PERIOD TO DATE:</b>										
ACTUAL			51,237.2	1.2	51,236.0	2.322	3.498	1,189,910.73	1,792,243.01	537,293.97
ESTIMATED			13,260.0	0.0	13,260.0	3.376	3.648	447,646.24	483,778.00	36,131.76
DIFFERENCE			37,977.2	1.2	37,976.0	(1.054)	(0.150)	742,264.49	1,308,465.01	501,162.21
DIFFERENCE %			286.4%	0.0%	286.4%	-31.2%	-4.1%	165.8%	270.5%	1387.0%



**PURCHASED POWER  
(EXCLUSIVE OF ECONOMY & COGENERATION)  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019**

(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)
<b>ESTIMATED:</b>								
VARIOUS		0.0	0.0	0.0	0.0	0.000	0.000	0.00
<b>TOTAL</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.000</b>	<b>0.000</b>	<b>0.00</b>
<b>ACTUAL:</b>								
DUKE ENERGY FLORIDA	OATT	1,140.0	0.0	0.0	1,140.0	1.968	1.968	22,430.05
<b>SUB-TOTAL CURRENT MONTH</b>		<b>1,140.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,140.0</b>	<b>1.968</b>	<b>1.968</b>	<b>22,430.05</b>
<b>NO ADJUSTMENTS TO PRIOR MONTHS</b>								
SUB-TOTAL SCHEDULE D PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL EMERGENCY A PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,140.0	0.0	0.0	1,140.0	1.968	1.968	22,430.05
<b>TOTAL</b>		<b>1,140.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,140.0</b>	<b>1.968</b>	<b>1.968</b>	<b>22,430.05</b>
<b>CURRENT MONTH:</b>								
DIFFERENCE		1,140.0	0.0	0.0	1,140.0	1.968	1.968	22,430.05
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
<b>PERIOD TO DATE:</b>								
ACTUAL		5,027.0	0.0	0.0	5,027.0	4.713	4.713	236,900.94
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		5,027.0	0.0	0.0	5,027.0	4.713	4.713	236,900.94
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

ENERGY PAYMENT TO QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

(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	
<b>ESTIMATED:</b>								
VARIOUS	COGEN.							
	AS AVAIL.	7,460.0	0.0	0.0	7,460.0	3.036	3.036	226,500.00
<b>TOTAL</b>		<b>7,460.0</b>	<b>0.0</b>	<b>0.0</b>	<b>7,460.0</b>	<b>3.036</b>	<b>3.036</b>	<b>226,500.00</b>
<b>ACTUAL:</b>								
<b>AS AVAILABLE</b>								
CARGILL RIDGEWOOD	COGEN.	439.0	0.0	0.0	439.0	1.681	1.681	7,379.42
CARGILL MILLPOINT	COGEN.	3,073.0	0.0	0.0	3,073.0	1.920	1.920	58,999.06
IMC-AGRICO-NEW WALES	COGEN.	989.0	0.0	0.0	989.0	1.781	1.781	17,615.57
IMC-AGRICO-S. PIERCE	COGEN.	17,234.0	0.0	0.0	17,234.0	1.917	1.917	330,362.63
<b>SUB-TOTAL CURRENT MONTH</b>		<b>21,735.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21,735.0</b>	<b>1.906</b>	<b>1.906</b>	<b>414,356.68</b>
<b>NET METERING</b>		<b>3.8</b>	<b>0.0</b>	<b>0.0</b>	<b>3.8</b>	<b>2.530</b>	<b>2.530</b>	<b>96.03</b>
<b>NO ADJUSTMENTS TO PRIOR MONTHS</b>								
<b>TOTAL INCL NET METERING</b>		<b>21,738.8</b>	<b>0.0</b>	<b>0.0</b>	<b>21,738.8</b>	<b>1.907</b>	<b>1.907</b>	<b>414,452.71</b>
<b>CURRENT MONTH:</b>								
DIFFERENCE		14,278.8	0.0	0.0	14,278.8	(1.130)	(1.130)	187,952.71
DIFFERENCE %		191.4%	0.0%	0.0%	191.4%	-37.2%	-37.2%	83.0%
<b>PERIOD TO DATE:</b>								
ACTUAL		123,040.3	0.0	0.0	123,040.3	2.185	2.185	2,687,841.32
ESTIMATED		52,520.0	0.0	0.0	52,520.0	2.890	2.890	1,517,910.00
DIFFERENCE		70,520.3	0.0	0.0	70,520.3	(0.706)	(0.706)	1,169,931.32
DIFFERENCE %		134.3%	0.0%	0.0%	134.3%	-24.4%	-24.4%	77.1%

ECONOMY ENERGY PURCHASES  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

(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	
<b>ESTIMATED:</b>									
VARIOUS	Economy	157,290.0	0.0	157,290.0	3.633	5,713,760.00	4.047	6,365,350.00	651,590.00
<b>TOTAL</b>		<b>157,290.0</b>	<b>0.0</b>	<b>157,290.0</b>	<b>3.633</b>	<b>5,713,760.00</b>	<b>4.047</b>	<b>6,365,350.00</b>	<b>651,590.00</b>
<b>ACTUAL:</b>									
DUKE ENERGY FLORIDA	SCH. - J	176,672.0	0.0	176,672.0	3.386	5,981,813.11	6.667	11,779,091.19	5,797,278.08
FLA. POWER & LIGHT	SCH. - J	800.0	0.0	800.0	2.925	23,400.00	2.979	23,830.00	430.00
ORLANDO UTIL. COMM.	SCH. - J	1,110.0	0.0	1,110.0	1.225	13,600.00	2.209	24,515.00	10,915.00
THE ENERGY AUTHORITY	SCH. - J	425.0	0.0	425.0	4.700	19,975.00	4.722	20,068.00	93.00
FMPA	SCH. - J	29,760.0	0.0	29,760.0	2.785	828,766.19	5.045	1,501,342.19	672,576.00
MORGAN STANLEY	SCH. - J	1,670.0	0.0	1,670.0	6.565	109,640.00	6.565	109,640.00	0.00
EDF TRADING	SCH. - J	20.0	0.0	20.0	4.200	840.00	4.200	840.00	0.00
EXGEN	SCH. - J	760.0	0.0	760.0	4.259	32,370.00	4.344	33,016.00	646.00
SOUTHERN COMPANY	SCH. - J	225.0	0.0	225.0	4.556	10,250.00	4.556	10,250.00	0.00
<b>SUB-TOTAL CURRENT MONTH</b>		<b>211,442.0</b>	<b>0.0</b>	<b>211,442.0</b>	<b>3.320</b>	<b>7,020,654.30</b>	<b>6.386</b>	<b>13,502,592.38</b>	<b>6,481,938.08</b>
<b>ADJUSTMENTS TO PRIOR MONTHS:</b>									
DUKE ENERGY FLORIDA	June 2019 SCH. - J	(178,401.0)	0.0	(178,401.0)	3.772	(6,728,617.72)	4.015	(7,163,306.20)	(434,688.48)
DUKE ENERGY FLORIDA	June 2019 SCH. - J	178,401.0	0.0	178,401.0	3.665	6,538,547.92	3.909	6,973,236.40	434,688.48
FMPA	June 2019 SCH. - J	(28,800.0)	0.0	(28,800.0)	2.797	(805,570.58)	2.694	(775,733.78)	29,836.80
FMPA	June 2019 SCH. - J	28,800.0	0.0	28,800.0	2.797	805,570.56	2.694	775,733.76	(29,836.80)
<b>SUB-TOTAL ADJUSTMENTS</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.000</b>	<b>(190,069.82)</b>	<b>0.000</b>	<b>(190,069.82)</b>	<b>0.00</b>
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		211,442.0	0.0	211,442.0	3.230	6,830,584.48	6.296	13,312,522.56	6,481,938.08
<b>TOTAL</b>		<b>211,442.0</b>	<b>0.0</b>	<b>211,442.0</b>	<b>3.230</b>	<b>6,830,584.48</b>	<b>6.296</b>	<b>13,312,522.56</b>	<b>6,481,938.08</b>
<b>CURRENT MONTH:</b>									
DIFFERENCE		54,152.0	0.0	54,152.0	(0.402)	1,116,824.48	2.249	6,947,172.56	5,830,348.08
DIFFERENCE %		34.4%	0.0%	34.4%	-11.1%	19.5%	55.6%	109.1%	894.8%
<b>PERIOD TO DATE:</b>									
ACTUAL		577,356.0	143.8	577,212.2	3.719	21,464,550.75	5.209	30,065,397.91	8,600,847.16
ESTIMATED		373,300.0	0.0	373,300.0	3.748	13,991,570.00	4.457	16,639,178.00	2,647,608.00
DIFFERENCE		204,056.0	143.8	203,912.2	(0.029)	7,472,980.75	0.751	13,426,219.91	5,953,239.16
DIFFERENCE %		54.7%	0.0%	54.6%	-0.8%	53.4%	16.9%	80.7%	224.9%

CAPACITY COSTS  
ACTUAL PURCHASES AND SALES  
TAMPA ELECTRIC COMPANY  
MONTH OF: July 2019

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	QF = QUALIFYING FACILITY LT = LONG TERM ST = SHORT-TERM ** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
SEMINOLE ELECTRIC	8.1	10.8	9.1	9.3	11.5	18.4	8.4					

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
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TOTAL PURCHASES AND (SALES)	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	(33,514)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(349,054)
TOTAL CAPACITY	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	(33,514)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(349,054)

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**LIST OF ACRONYMS  
TAMPA ELECTRIC COMPANY**

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

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY  
MONTH OF: June 2019

(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) <sup>(2)</sup>	AS BURNED FUEL COST (\$) <sup>(1)</sup>	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	275	23.9	-	42.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,241	30.4	-	53.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	207	19.2	-	36.9	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	9,118	18.0	-	36.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	11,322	21.1	-	42.4	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	8,988	16.8	-	34.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	9,403	21.4	-	42.4	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	7,370	18.5	-	37.3	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	7,262	26.9	-	51.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	7,556	21.2	-	38.2	-	SOLAR	-	-	-	-	-	-
<b>SOLAR TOTAL</b>	<b>445.2</b>	<b>65,742</b>	<b>20.5</b>	<b>-</b>	<b>36.1</b>	<b>-</b>	<b>SOLAR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>BIG BEND #1 TOTAL</b>	<b>(4) 305</b>	<b>86,621</b>	<b>39.4</b>	<b>98.0</b>	<b>47.2</b>	<b>13,930</b>	<b>GAS</b>	<b>1,281,084</b>	<b>1,024,000</b>	<b>1,311,419.6</b>	<b>4,505,099</b>	<b>5.20</b>	<b>3.52</b>
<b>BIG BEND #2 TOTAL</b>	<b>(4) 340</b>	<b>25,535</b>	<b>10.4</b>	<b>82.0</b>	<b>46.8</b>	<b>12,478</b>	<b>GAS</b>	<b>371,925</b>	<b>1,024,000</b>	<b>380,607.7</b>	<b>1,308,082</b>	<b>5.12</b>	<b>3.52</b>
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	(4) 345	0	0.0	0.0	0.0	-	GAS	(175,473)	0	(178,982.3)	(612,568)	0.00	3.49
<b>BIG BEND #3 TOTAL</b>	<b>345</b>	<b>0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>(178,982.3)</b>	<b>(612,568)</b>	<b>0.00</b>	<b>-</b>
B.B.#4 (COAL)	437	151,415	48.1	65.7	67.8	-	COAL	68,443	23,012,211	1,575,024.7	5,199,023	3.43	75.96
B.B.#4 (GAS)	(4) 185	1,394	1.0	65.7	376.8	-	GAS	21,248	1,024,000	21,730.1	74,739	5.36	3.52
<b>BIG BEND #4 TOTAL</b>	<b>437</b>	<b>152,809</b>	<b>48.6</b>	<b>65.7</b>	<b>68.1</b>	<b>10,403</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,596,754.8</b>	<b>5,273,762</b>	<b>3.45</b>	<b>-</b>
B.B. IGNITION	(4) -	-	-	-	-	-	GAS	22,034	0	22,563.0	77,523	-	3.52
<b>BIG BEND CT #4 TOTAL</b>	<b>56</b>	<b>573</b>	<b>1.4</b>	<b>100.0</b>	<b>65.6</b>	<b>13,008</b>	<b>GAS</b>	<b>7,279</b>	<b>1,024,000</b>	<b>7,453.6</b>	<b>25,595</b>	<b>4.47</b>	<b>3.52</b>
<b>BIG BEND STATION TOTAL</b>	<b>1,483</b>	<b>265,538</b>	<b>26.5</b>	<b>61.9</b>	<b>31.7</b>	<b>11,759</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,117,253.4</b>	<b>10,577,493</b>	<b>3.98</b>	<b>-</b>
POLK #1 GASIFIER	(3) 220	(755)	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
POLK #1 CT (GAS)	(4) 150	71,673	65.9	98.9	71.1	12,178	GAS	852,369	1,024,000	872,826.0	2,998,387	2.95	3.52
POLK #1 ST	85	30,117	48.8	97.8	108.2	0	-	-	-	-	-	-	-
<b>POLK #1 TOTAL</b>	<b>235</b>	<b>101,035</b>	<b>59.7</b>	<b>98.5</b>	<b>64.4</b>	<b>8,639</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>872,826.0</b>	<b>2,998,387</b>	<b>2.97</b>	<b>-</b>
POLK #2 ST DUCT FIRING	(4) 120	13,643	15.8	-	67.5	8,400	GAS	111,910	1,024,000	114,596.0	393,503	2.88	3.52
POLK #2 ST W/O DUCT FIRING	341	156,635	63.8	-	-	-	-	-	-	-	-	-	-
<b>POLK #2 ST TOTAL</b>	<b>461</b>	<b>170,278</b>	<b>51.3</b>	<b>79.4</b>	<b>67.5</b>	<b>-</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>114,596.0</b>	<b>393,503</b>	<b>0.23</b>	<b>-</b>
POLK #2 CT (GAS)	(4) 150	17,744	16.4	24.4	87.6	11,463	GAS	198,634	1,024,000	203,401.0	699,186	3.94	3.52
POLK #2 CT (OIL)	(5) 159	0	0.0	24.4	0.0	0	LGT.OIL	95	5,830	550.3	12,035	0.00	126.68
<b>POLK #2 TOTAL</b>	<b>150</b>	<b>17,744</b>	<b>16.4</b>	<b>24.4</b>	<b>87.6</b>	<b>11,494</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>203,951.3</b>	<b>711,221</b>	<b>4.01</b>	<b>-</b>
POLK #3 CT (GAS)	(4) 150	95,922	88.8	100.0	93.2	11,221	GAS	1,051,079	1,024,000	1,076,305.0	3,696,147	3.85	3.52
POLK #3 CT (OIL)	159	0	0.00	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
<b>POLK #3 TOTAL</b>	<b>150</b>	<b>95,922</b>	<b>88.8</b>	<b>100.0</b>	<b>93.2</b>	<b>11,221</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,076,305.0</b>	<b>3,696,147</b>	<b>3.85</b>	<b>-</b>
<b>POLK #4 TOTAL</b>	<b>(4) 150</b>	<b>87,506</b>	<b>81.0</b>	<b>100.0</b>	<b>95.6</b>	<b>10,947</b>	<b>GAS</b>	<b>935,481</b>	<b>1,024,000</b>	<b>957,933.0</b>	<b>3,289,950</b>	<b>3.76</b>	<b>3.52</b>
<b>POLK #5 TOTAL</b>	<b>(4) 150</b>	<b>78,329</b>	<b>72.5</b>	<b>100.0</b>	<b>94.0</b>	<b>10,988</b>	<b>GAS</b>	<b>840,478</b>	<b>1,024,000</b>	<b>860,650.0</b>	<b>2,955,870</b>	<b>3.77</b>	<b>3.52</b>
<b>POLK #2 CC TOTAL</b>	<b>1,061</b>	<b>449,779</b>	<b>58.9</b>	<b>80.4</b>	<b>58.9</b>	<b>7,144</b>	<b>GAS</b>	<b>-</b>	<b>-</b>	<b>3,213,435.3</b>	<b>11,046,691</b>	<b>2.46</b>	<b>-</b>
<b>POLK STATION TOTAL</b>	<b>1,296</b>	<b>550,814</b>	<b>59.0</b>	<b>83.6</b>	<b>59.0</b>	<b>7,419</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>4,086,261.3</b>	<b>14,045,078</b>	<b>2.55</b>	<b>-</b>