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September 25, 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 August 2019 as well as the following revised pages:

Schedule A4	July 2019	1 Page
Schedule A4	June 2019	1 Page
Schedule A4	May 2019	1 Page

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/ne

Attachment

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

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of September, 2019 to the following:

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ATTORNEY



TAMPA ELECTRIC COMPANY
TABLE OF CONTENTS

Includes Mid-Course Estimates for Month and PTD August 2019

1. Schedule A1 - A9 & A12	August 2019	16 Pages
2. List of Acronyms		1 Page
3. Schedule A4 Revised	July 2019	1 Page
4. Schedule A4 Revised	June 2019	1 Page
5. Schedule A4 Revised	May 2019	1 Page

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: August 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	44,647,367	52,186,875	(7,539,508)	-14.4%	1,865,684	1,904,520	(38,836)	-2.0%	2.39308	2.74016	(0.34708)	-12.7%
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	369,221	368,562	659	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%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	45,016,588	52,555,437	(7,538,849)	-14.3%	1,865,684	1,904,520	(38,836)	-2.0%	2.41287	2.75951	(0.34664)	-12.6%
6. Fuel Cost of Purchased Power - Firm (A7)	27,507	0	27,507	0.0%	1,323	0	1,323	0.0%	2.07914	0.00000	2.07914	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	6,514,645	5,516,000	998,645	18.1%	213,665	153,140	60,525	39.5%	3.04900	3.60193	(0.55293)	-15.4%
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)	460,322	266,490	193,832	72.7%	21,464	7,540	13,924	184.7%	2.14462	3.53435	(1.38973)	-39.3%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	7,002,474	5,782,490	1,219,984	21.1%	236,452	160,680	75,772	47.2%	2.96148	3.59876	(0.63728)	-17.7%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					2,102,136	2,065,200	36,936	1.8%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	28,687	23,980	4,707	19.6%	1,494	1,010	484	47.9%	1.92015	2.37426	(0.45411)	-19.1%
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)	174,501	38,369	136,132	354.8%	9,642	1,130	8,512	753.3%	1.80980	3.39549	(1.58569)	-46.7%
18. Gains on Sales	94,410	5,043	89,367	1772.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	297,598	67,392	230,206	341.6%	11,136	2,140	8,996	420.4%	2.67240	3.14916	(0.47676)	-15.1%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					(241)	0	(241)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					2,469	0	2,469	0.0%				
22. Interchange and Wheeling Losses					2,734	51	2,683	5306.5%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	51,721,464	58,270,535	(6,549,071)	-11.2%	2,090,494	2,063,009	27,485	1.3%	2.47413	2.82454	(0.35041)	-12.4%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	2,613,271 (a)	2,276,128 (a)	337,143	14.8%	105,624	80,584	25,040	31.1%	2.47413	2.82454	(0.35041)	-12.4%
25. Company Use	80,632 (a)	87,561 (a)	(6,929)	-7.9%	3,259	3,100	159	5.1%	2.47413	2.82455	(0.35042)	-12.4%
26. T & D Losses	2,811,696 (a)	2,312,802 (a)	498,894	21.6%	113,644	81,882	31,762	38.8%	2.47413	2.82454	(0.35041)	-12.4%
27. System KWH Sales	51,721,464	58,270,535	(6,549,071)	-11.2%	1,867,967	1,897,443	(29,476)	-1.6%	2.76886	3.07100	(0.30214)	-9.8%
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	51,721,464	58,270,535	(6,549,071)	-11.2%	1,867,967	1,897,443	(29,476)	-1.6%	2.76886	3.07100	(0.30214)	-9.8%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	51,721,464	58,270,535	(6,549,071)	-11.2%	1,867,967	1,897,443	(29,476)	-1.6%	2.76886	3.07100	(0.30214)	-9.8%
32. Adjustment-BB Unit 2 Outage Replacement Power Cost T-up	0	0	0	0.0%	1,867,967	1,897,443	(29,476)	-1.6%	0.00000	0.00000	0.00000	0.0%
33. True-up *	3,949,496	3,949,496	0	0.0%	1,867,967	1,897,443	(29,476)	-1.6%	0.21143	0.20815	0.00328	1.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	55,670,960	62,220,031	(6,549,071)	-10.5%	1,867,967	1,897,443	(29,476)	-1.6%	2.98030	3.27915	(0.29885)	-9.1%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	55,711,043	62,264,829	(6,553,786)	-10.5%	1,867,967	1,897,443	(29,476)	-1.6%	2.98244	3.28151	(0.29907)	-9.1%
37. GPIF * (Already Adjusted for Taxes)	(188,418)	(188,418)	0	0.0%	1,867,967	1,897,443	(29,476)	-1.6%	(0.01009)	(0.00993)	(0.00016)	1.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	55,522,625	62,076,411	(6,553,786)	-10.6%	1,867,967	1,897,443	(29,476)	-1.6%	2.97235	3.27158	(0.29923)	-9.1%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.972	3.272	(0.300)	-9.2%

* 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: August 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	359,369,870	397,689,583	(38,319,713)	-9.6%	13,130,128	13,177,780	(47,652)	-0.4%	2.73699	3.01788	(0.28089)	-9.3%
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	3,011,026	3,009,636	1,390	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%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	362,380,896	400,699,219	(38,318,323)	-9.6%	13,130,128	13,177,780	(47,652)	-0.4%	2.75992	3.04072	(0.28080)	-9.2%
6. Fuel Cost of Purchased Power - Firm (A7)	264,408	0	264,408	0.0%	6,350	0	6,350	0.0%	4.16391	0.00000	4.16391	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	27,979,195	19,507,570	8,471,625	43.4%	790,877	526,440	264,437	50.2%	3.53774	3.70556	(0.16782)	-4.5%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	3,148,163	1,784,400	1,363,763	76.4%	144,505	60,060	84,445	140.6%	2.17858	2.97103	(0.79244)	-26.7%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	31,391,766	21,291,970	10,099,796	47.4%	941,732	586,500	355,232	60.6%	3.33341	3.63034	(0.29694)	-8.2%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					14,071,860	13,764,280	307,580	2.2%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	391,550	197,690	193,860	98.1%	19,559	7,370	12,189	165.4%	2.00189	2.68236	(0.68047)	-25.4%
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)	1,001,549	312,306	689,243	220.7%	42,813	8,030	34,783	433.2%	2.33936	3.88924	(1.54988)	-39.9%
18. Gains on Sales	631,703	41,174	590,529	1434.2%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	2,024,802	551,170	1,473,632	267.4%	62,372	15,400	46,972	305.0%	3.24633	3.57903	(0.33269)	-9.3%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					58	0	58	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					20,470	0	20,470	0.0%				
22. Interchange and Wheeling Losses					21,941	366	21,575	5902.3%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	391,747,860	421,440,019	(29,692,159)	-7.0%	14,008,075	13,748,514	259,561	1.9%	2.79659	3.06535	(0.26876)	-8.8%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	9,177,204 (a)	9,186,341 (a)	(9,137)	-0.1%	350,334	357,689	(7,355)	-2.1%	2.61956	2.56825	0.05131	2.0%
25. Company Use	690,716 (a)	771,937 (a)	(81,221)	-10.5%	24,491	24,800	(309)	-1.2%	2.82029	3.11265	(0.29236)	-9.4%
26. T & D Losses	19,568,794 (a)	17,629,312 (a)	1,939,482	11.0%	699,423	563,361	136,062	24.2%	2.79785	3.12931	(0.33146)	-10.6%
27. System KWH Sales	391,747,860	421,440,019	(29,692,159)	-7.0%	12,933,827	12,802,664	131,163	1.0%	3.02886	3.29182	(0.26295)	-8.0%
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	391,747,860	421,440,019	(29,692,159)	-7.0%	12,933,827	12,802,664	131,163	1.0%	3.02886	3.29182	(0.26295)	-8.0%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	391,747,860	421,440,019	(29,692,159)	-7.0%	12,933,827	12,802,664	131,163	1.0%	3.02886	3.29182	(0.26295)	-8.0%
32. Adjustments - Schedule A2, page 2, lines 6c and 7a	0	0	0	0.0%	12,933,827	12,802,664	131,163	1.0%	0.00000	0.00000	0.00000	0.0%
33. True-up *	17,993,608	17,993,608	0	0.0%	12,933,827	12,802,664	131,163	1.0%	0.13912	0.14055	(0.00143)	-1.0%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	409,741,468	439,433,627	(29,692,159)	-6.8%	12,933,827	12,802,664	131,163	1.0%	3.16798	3.43236	(0.26438)	-7.7%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	410,036,482	439,750,018	(29,713,536)	-6.8%	12,933,827	12,802,664	131,163	1.0%	3.17026	3.43483	(0.26457)	-7.7%
37. GPIF * (Already Adjusted for Taxes)	(1,507,344)	(1,507,344)	0	0.0%	12,933,827	12,802,664	131,163	1.0%	(0.01165)	(0.01177)	0.00012	-1.0%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	408,529,138	438,242,674	(29,713,536)	-6.8%	12,933,827	12,802,664	131,163	1.0%	3.15861	3.42306	(0.26445)	-7.7%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.159	3.423	(0.264)	-7.7%

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

2

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

	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	44,647,367	52,186,875	(7,539,508)	-14.4%	359,369,870	397,689,583	(38,319,713)	-9.6%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	203,188	62,349	140,839	225.9%	1,393,099	509,996	883,103	173.2%
2a. GAINS FROM SALES	94,410	5,043	89,367	1772.1%	631,703	41,174	590,529	1434.2%
3. FUEL COST OF PURCHASED POWER	27,507	0	27,507	0.0%	264,408	0	264,408	0.0%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	460,322	266,490	193,832	72.7%	3,148,163	1,784,400	1,363,763	76.4%
4. ENERGY COST OF ECONOMY PURCHASES	6,514,645	5,516,000	998,645	18.1%	27,979,195	19,507,570	8,471,625	43.4%
5. TOTAL FUEL & NET POWER TRANSACTION	51,352,243	57,901,973	(6,549,730)	-11.3%	388,736,834	418,430,383	(29,693,549)	-7.1%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	369,221	368,562	659	0.2%	3,011,026	3,009,636	1,390	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.	51,721,464	58,270,535	(6,549,071)	-11.2%	391,747,860	421,440,019	(29,692,159)	-7.0%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,867,967	1,897,443	(29,476)	-1.6%	12,933,827	12,802,664	131,163	1.0%
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%
3. TOTAL SALES	1,867,967	1,897,443	(29,476)	-1.6%	12,933,827	12,802,664	131,163	1.0%
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: August 2019

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	60,512,118	61,975,664	(1,463,546)	-2.4%	393,867,549	390,867,233	3,000,316	0.8%
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%	(17,993,608)	(17,993,608)	0	0.0%
2b. GPIF PROVISION	188,418	188,418	0	0.0%	1,507,344	1,507,344	0	0.0%
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
3. JURIS. FUEL REVENUE APPL. TO PERIOD	56,751,040	58,214,586	(1,463,546)	-2.5%	377,381,285	374,380,969	3,000,316	0.8%
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	51,721,464	58,270,535	(6,549,071)	-11.2%	391,747,860	421,440,019	(29,692,159)	-7.0%
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	51,721,464	58,270,535	(6,549,071)	-11.2%	391,747,860	421,440,019	(29,692,159)	-7.0%
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-
6b. (LINE C6 x LINE C6a)	51,721,464	58,270,535	(6,549,071)	-11.2%	391,747,860	421,440,019	(29,692,159)	-7.0%
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	51,721,464	58,270,535	(6,549,071)	-11.2%	391,747,860	421,440,019	(29,692,159)	-7.0%
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	5,029,576	(55,949)	5,085,525	-9089.6%	(14,366,575)	(47,059,050)	32,692,475	-69.5%
8. INTEREST PROVISION FOR THE MONTH	(66,741)	(60,314)	(6,427)	10.7%	(811,694)	(581,515)	(230,179)	39.6%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(43,067,901)	(26,464,705)	(16,603,196)	62.7%	-----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)	(34,155,570)	(22,631,472)	(11,524,098)	50.9%	-----NOT APPLICABLE-----			

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	(43,067,901)	(26,464,705)	(16,603,196)	62.7%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>(34,088,829)</u>	<u>(22,571,158)</u>	<u>(11,517,671)</u>	<u>51.0%</u>	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(77,156,730)</u>	<u>(49,035,863)</u>	<u>(28,120,867)</u>	<u>57.3%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(38,578,365)	(24,517,932)	(14,060,433)	57.3%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	2.100	2.950	(0.850)	-28.8%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>2.050</u>	<u>2.950</u>	<u>(0.900)</u>	<u>-30.5%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>4.150</u>	<u>5.900</u>	<u>(1.750)</u>	<u>-29.7%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	2.075	2.950	(0.875)	-29.7%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.173	0.246	(0.073)	-29.7%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(66,741)</u>	<u>(60,314)</u>	<u>(6,427)</u>	<u>10.7%</u>	NOT APPLICABLE			

5

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: August 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	40,539	0	40,539	0.0%	116,190	142,781	(26,591)	-18.6%
3 COAL	4,685,385	4,571,434	113,951	2.5%	33,385,646	38,868,859	(5,483,213)	-14.1%
4 NATURAL GAS	39,921,443	47,615,441	(7,693,998)	-16.2%	325,868,034	358,677,943	(32,809,909)	-9.1%
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 (\$)	44,647,367	52,186,875	(7,539,508)	-14.4%	359,369,870	397,689,583	(38,319,713)	-9.6%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	156	0	156	0.0%	355	600	(245)	-40.8%
10 COAL	121,821	128,990	(7,169)	-5.6%	895,266	1,181,990	(286,724)	-24.3%
11 NATURAL GAS	1,683,755	1,677,750	6,005	0.4%	11,730,592	11,252,460	478,132	4.2%
12 SOLAR	59,952	97,780	(37,828)	-38.7%	503,915	742,730	(238,815)	-32.2%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,865,684	1,904,520	(38,836)	-2.0%	13,130,128	13,177,780	(47,652)	-0.4%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	318	0	318	0.0%	911	1,120	(209)	-18.7%
17 COAL (TON)	59,500	66,780	(7,280)	-10.9%	424,839	578,300	(153,461)	-26.5%
18 NATURAL GAS (MCF)	12,913,441	12,097,040	816,401	6.7%	91,603,701	81,099,440	10,504,261	13.0%
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	1,855	0	1,855	0.0%	5,300	6,460	(1,160)	-18.0%
23 COAL	1,343,912	1,502,630	(158,718)	-10.6%	9,838,596	13,011,780	(3,173,184)	-24.4%
24 NATURAL GAS	13,223,363	12,420,280	803,083	6.5%	93,608,823	83,211,360	10,397,463	12.5%
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)	14,569,130	13,922,910	646,220	4.6%	103,452,719	96,229,600	7,223,119	7.5%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.01%	0.00%	0.01%	0.0%	0.00%	0.00%	0.00%	-40.6%
30 COAL	6.53%	6.77%	-0.24%	-3.6%	6.82%	8.97%	-2.15%	-24.0%
31 NATURAL GAS	90.25%	88.09%	2.16%	2.4%	89.34%	85.39%	3.95%	4.6%
32 SOLAR	3.21%	5.13%	-1.92%	-37.4%	3.84%	5.64%	-1.80%	-31.9%
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)	127.48	0.00	127.48	0.0%	127.54	127.48	0.06	0.0%
37 COAL (\$/TON)	78.75	68.46	10.29	15.0%	78.58	67.21	11.37	16.9%
38 NATURAL GAS (\$/MCF)	3.09	3.94	(0.84)	-21.5%	3.56	4.42	(0.87)	-19.6%
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	21.85	0.00	21.85	0.0%	21.92	22.10	(0.18)	-0.8%
43 COAL	3.49	3.04	0.44	14.6%	3.39	2.99	0.41	13.6%
44 NATURAL GAS	3.02	3.83	(0.81)	-21.3%	3.48	4.31	(0.83)	-19.2%
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)	3.06	3.75	(0.68)	-18.2%	3.47	4.13	(0.66)	-15.9%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: August 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	11,891	0	11,891	0.0%	14,930	10,767	4,163	38.7%
50 COAL	11,032	11,649	(617)	-5.3%	10,990	11,008	(18)	-0.2%
51 NATURAL GAS	7,853	7,403	450	6.1%	7,980	7,395	585	7.9%
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)	7,809	7,310	499	6.8%	7,879	7,302	577	7.9%
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	25.99	0.00	25.99	0.0%	32.73	23.80	8.93	37.5%
57 COAL	3.85	3.54	0.31	8.8%	3.73	3.29	0.44	13.4%
58 NATURAL GAS	2.37	2.84	(0.47)	-16.5%	2.78	3.19	(0.41)	-12.9%
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)	2.39	2.74	(0.35)	-12.8%	2.74	3.02	(0.28)	-9.3%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: August 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) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	249	20.9	-	48.0	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,305	22.9	-	45.8	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	185	16.6	-	33.5	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	8,432	16.1	-	32.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	11,064	20.0	-	41.4	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	9,262	16.7	-	34.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	8,114	17.8	-	38.7	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	7,663	18.6	-	39.0	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	4,986	17.9	-	35.9	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	6,692	18.2	-	37.2	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	445.2	59,952	18.1	-	36.1	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	305	0	0.0	80.8	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	158,846	62.8	90.4	79.6	11,562	GAS	1,793,504	1,024,000	1,836,547.8	5,534,650	3.48	3.09
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	34,033	13.3	65.1	50.6	-	GAS	426,481	1,024,000	436,716.8	1,316,097	3.87	3.09
BIG BEND #3 TOTAL	345	34,033	13.3	65.1	50.6	12,832	-	-	-	436,716.8	1,316,097	3.87	-
B.B.#4 (COAL)	437	122,953	37.8	63.1	67.0	-	COAL	59,500	22,586,749	1,343,911.5	4,673,524	3.80	78.55
B.B.#4 (GAS)	185	14,183	10.3	63.1	85.2	-	GAS	153,536	1,024,000	157,220.5	473,804	3.34	3.09
BIG BEND #4 TOTAL	437	137,136	42.2	63.1	61.5	10,946	-	-	-	1,501,132.0	5,147,328	3.75	-
B.B. IGNITION	-	-	-	-	-	-	GAS	20,646	0	21,141.0	63,711	-	3.09
BIG BEND CT #4 TOTAL	56	1,705	4.1	92.1	76.6	12,036	GAS	20,041	1,024,000	20,522.0	61,845	3.63	3.09
BIG BEND STATION TOTAL	1,483	331,720	32.0	74.7	40.6	11,440	-	-	-	3,794,918.7	12,123,631	3.65	-
POLK #1 GASIFIER ⁽³⁾	220	(1,132)	0.0	0.0	0.0	0	COAL	0	0	0.0	11,861	(1.05)	0.00
POLK #1 CT (GAS)	150	35,913	31.5	100.0	57.2	13,232	GAS	464,067	1,024,000	475,205.0	1,432,085	2.72	3.09
POLK #1 ST	85	16,709	25.9	100.0	47.6	0	-	-	-	-	-	-	-
POLK #1 TOTAL	235	51,490	29.4	100.0	53.5	9,229	-	-	-	475,205.0	1,443,946	2.80	-
POLK #2 ST DUCT FIRING	120	18,471	20.7	-	88.2	8,400	GAS	151,520	1,024,000	155,156.0	467,581	2.53	3.09
POLK #2 ST W/O DUCT FIRING	341	242,450	95.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	260,921	76.1	100.0	88.2	-	GAS	-	-	155,156.0	467,581	0.18	-
POLK #2 CT (GAS)	150	100,776	90.3	100.0	93.8	11,157	GAS	1,098,019	1,024,000	1,124,371.0	3,388,422	3.36	3.09
POLK #2 CT (OIL)	159	32	0.0	100.0	28.6	11,883	LGT.OIL	66	5,829,600	378.7	8,361	26.13	127.48
POLK #2 TOTAL	150	100,808	90.3	100.0	93.8	11,157	-	-	-	1,124,749.7	3,396,783	3.37	-
POLK #3 CT (GAS)	150	98,663	88.5	96.6	95.7	11,008	GAS	1,060,613	1,024,000	1,086,068.0	3,272,991	3.32	3.09
POLK #3 CT (OIL)	159	124	0.1	96.6	37.2	11,883	LGT.OIL	252	5,829,600	1,476.5	32,178	25.95	127.48
POLK #3 TOTAL	150	98,787	88.5	96.6	95.7	11,009	-	-	-	1,087,544.5	3,305,169	3.35	-
POLK #4 TOTAL	150	107,732	96.5	99.9	97.6	10,789	GAS	1,135,131	1,024,000	1,162,374.0	3,502,948	3.25	3.09
POLK #5 TOTAL	150	105,449	94.5	100.0	97.5	10,811	GAS	1,113,313	1,024,000	1,140,033.0	3,435,621	3.26	3.09
POLK #2 CC TOTAL	1,061	673,697	85.3	99.5	85.3	6,932	GAS	-	-	4,669,857.2	14,108,102	2.09	-
POLK STATION TOTAL	1,296	725,187	75.2	99.6	75.2	7,095	-	-	-	5,145,062.2	15,552,048	2.14	-

**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: August 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) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	122,479	70.7	91.1	70.7	-		-	-	-	-	-	-
BAYSIDE CT1A	156	65,061	56.1	90.5	77.4	11,831	GAS	751,678	1,024,000	769,717.9	2,320,673	3.57	3.09
BAYSIDE CT1B	156	78,586	67.7	100.0	77.7	11,812	GAS	906,473	1,024,000	928,228.2	2,798,575	3.56	3.09
BAYSIDE CT1C	156	74,244	64.0	100.0	77.3	11,549	GAS	837,313	1,024,000	857,408.2	2,585,056	3.48	3.09
BAYSIDE UNIT 1 TOTAL	701	340,370	65.3	94.9	65.3	7,508	GAS	2,495,464	1,024,000	2,555,354.2	7,704,304	2.26	3.09
BAYSIDE ST 2	305	143,535	63.3	92.2	68.6	-		-	-	-	-	-	-
BAYSIDE CT2A	156	56,094	48.3	91.6	80.0	11,428	GAS	626,022	1,024,000	641,046.3	1,932,733	3.45	3.09
BAYSIDE CT2B	156	55,774	48.1	92.2	80.1	11,574	GAS	630,377	1,024,000	645,505.7	1,946,178	3.49	3.09
BAYSIDE CT2C	156	69,497	59.9	92.2	79.9	11,679	GAS	792,598	1,024,000	811,620.7	2,447,007	3.52	3.09
BAYSIDE CT2D	156	80,786	69.6	92.2	78.4	11,691	GAS	922,371	1,024,000	944,508.3	2,847,659	3.52	3.09
BAYSIDE UNIT 2 TOTAL	929	405,686	58.7	92.1	63.7	7,500	GAS	2,971,368	1,024,000	3,042,681.0	9,173,577	2.26	3.09
BAYSIDE UNIT 3 TOTAL	56	362	0.9	100.0	89.5	11,112	GAS	3,930	1,024,000	4,024.9	12,135	3.35	3.09
BAYSIDE UNIT 4 TOTAL	56	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE UNIT 5 TOTAL	56	1,296	3.1	87.1	86.6	11,483	GAS	14,534	1,024,000	14,882.6	44,870	3.46	3.09
BAYSIDE UNIT 6 TOTAL	56	1,111	2.7	99.2	88.8	10,990	GAS	11,920	1,024,000	12,206.4	36,802	3.31	3.09
BAYSIDE STATION TOTAL	1,854	748,825	54.3	93.7	54.3	7,517	GAS	5,497,216	1,024,000	5,629,149.1	16,971,688	2.27	3.09
6 SYSTEM	5,078	1,865,684	49.4	89.3	55.2	7,809	-	-	-	14,569,129.9	44,647,367	2.39	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:

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

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

**SCHEDULE A5
PAGE 1 OF 2**

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
HEAVY OIL								
1 PURCHASES:								
2 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%
3 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
5 BURNED:								
6 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%
7 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
8 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
9 ENDING INVENTORY:								
10 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%
11 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
12 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
13								
14 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-
LIGHT OIL⁽¹⁾								
15 PURCHASES:								
16 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%
17 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
18 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
19 BURNED:								
20 UNITS (BBL)	318	0	318	0.0%	911	1,120	(209)	-18.7%
21 UNIT COST (\$/BBL)	127.48	0.00	127.48	0.0%	127.54	127.48	0.06	0.0%
22 AMOUNT (\$)	40,539	0	40,539	0.0%	116,190	142,781	(26,591)	-18.6%
23 ENDING INVENTORY:								
24 UNITS (BBL)	43,087	42,878	209	0.5%	43,087	42,878	209	0.5%
25 UNIT COST (\$/BBL)	127.48	127.48	(0.00)	0.0%	127.48	127.48	(0.00)	0.0%
26 AMOUNT (\$)	5,492,865	5,466,274	26,591	0.5%	5,492,865	5,466,274	26,591	0.5%
27								
28 DAYS SUPPLY: NORMAL	6	6	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	28,614	57,500	(28,886)	-50.2%	387,414	480,000	(92,586)	-19.3%
32 UNIT COST (\$/TON)	57.75	67.33	(9.58)	-14.2%	68.43	68.13	0.30	0.4%
33 AMOUNT (\$)	1,652,396	3,871,195	(2,218,799)	-57.3%	26,510,649	32,701,961	(6,191,312)	-18.9%
34 BURNED:								
35 UNITS (TONS)	59,500	66,780	(7,280)	-10.9%	424,839	578,300	(153,461)	-26.5%
36 UNIT COST (\$/TON)	78.75	68.46	10.29	15.0%	78.58	67.21	11.37	16.9%
37 AMOUNT (\$)	4,685,385	4,571,434	113,951	2.5%	33,385,646	38,868,859	(5,483,213)	-14.1%
38 ENDING INVENTORY:								
39 UNITS (TONS)	315,380	302,918	12,462	4.1%	315,380	302,918	12,462	4.1%
40 UNIT COST (\$/TON)	70.97	74.32	(3.35)	-4.5%	70.97	74.32	(3.35)	-4.5%
41 AMOUNT (\$)	22,383,857	22,513,320	(129,463)	-0.6%	22,383,857	22,513,320	(129,463)	-0.6%
42								
43 DAYS SUPPLY:	228	219	9	0.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	12,888,725	12,097,040	791,685	6.5%	91,551,619	81,494,636	10,056,983	12.3%
46 UNIT COST (\$/MCF)	3.09	3.94	(0.85)	-21.6%	3.43	4.41	(0.98)	-22.1%
47 AMOUNT (\$)	39,777,487	47,609,361	(7,831,874)	-16.5%	314,434,087	359,460,928	(45,026,841)	-12.5%
48 BURNED:								
49 UNITS (MCF)	12,913,441	12,097,040	816,401	6.7%	91,603,701	81,099,440	10,504,261	13.0%
50 UNIT COST (\$/MCF)	3.09	3.94	(0.84)	-21.5%	3.56	4.42	(0.87)	-19.6%
51 AMOUNT (\$)	39,921,443	47,615,441	(7,693,998)	-16.2%	325,868,034	358,677,943	(32,809,909)	-9.1%
52 ENDING INVENTORY:								
53 UNITS (MCF)	378,852	826,848	(447,996)	-54.2%	378,852	826,848	(447,996)	-54.2%
54 UNIT COST (\$/MCF)	2.56	2.88	(0.32)	-11.0%	2.56	2.88	(0.32)	-11.0%
55 AMOUNT (\$)	969,527	2,377,225	(1,407,698)	-59.2%	969,527	2,377,225	(1,407,698)	-59.2%
56								
57 DAYS SUPPLY:	1	3	(2)	-66.7%	-	-	-	-
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: August 2019

	CURRENT MONTH					PERIOD TO DATE					
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	
			AMOUNT	%			AMOUNT	%			
OTHER											
62 PURCHASES:											
63 UNITS (MMBTU)	0	0	0	0.0%	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%	0.00	0.00	0.0%
65 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	0	0	0.0%
66 BURNED:											
67 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%	0	0	0.0%
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.0%
69 AMOUNT (\$)	0	0	0	0.0%	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%	0	0	0.0%
72 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.00	0.0%
73 AMOUNT (\$)	0	0	0	0.0%	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	8,672
NON-INV EXPENSE	411,216
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	0
POLK NG IGNITION	0
AERIAL SURVEY ADJ	288,420
ADDITIVES	0
TOTAL	708,308

(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
TOTAL	0	0

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: August 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	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (5)(6A)	TOTAL \$ FOR TOTAL COST (5)(6B)	GAINS ON MARKET BASED SALES
						(A) FUEL COST	(B) TOTAL COST			
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	1,010.0	0.0	1,010.0	2.374	2.493	23,980.00	25,182.00	1,202.00
VARIOUS	JURISD.	MKT.BASE	1,130.0	0.0	1,130.0	3.395	3.735	38,368.89	42,210.00	3,841.11
TOTAL			2,140.0	0.0	2,140.0	2.913	3.149	62,348.89	67,392.00	5,043.11
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	1,494.0	0.0	1,494.0	1.920	2.112	28,686.55	31,555.21	2,063.76
EXGEN		SCH. - MA	38.0	0.0	38.0	1.537	2.793	584.06	1,061.31	404.67
FLORIDA POWER & LIGHT		SCH. - MA	500.0	0.0	500.0	1.759	3.515	8,795.00	17,576.59	7,606.59
DUKE ENERGY FLORIDA		SCH. - MA	2,900.0	0.0	2,900.0	1.928	2.916	55,902.00	84,567.39	23,025.39
NEW SMYRNA BEACH		SCH. - MA	65.0	0.0	65.0	1.593	3.540	1,035.25	2,300.95	1,136.95
ORLANDO UTILITIES		SCH. - MA	3,330.0	0.0	3,330.0	1.799	2.800	59,898.90	93,235.15	29,189.15
THE ENERGY AUTHORITY		SCH. - MA	2,791.0	0.0	2,791.0	1.720	3.043	48,002.49	84,943.48	30,773.53
EDF TRADING		SCH. - MA	18.0	0.0	18.0	1.575	2.936	283.50	528.49	210.61
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			11,136.0	0.0	11,136.0	1.825	2.836	203,187.75	315,768.57	94,410.65
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			1,494.0	0.0	1,494.0	1.920	2.112	28,686.55	31,555.21	2,063.76
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.			9,642.0	0.0	9,642.0	1.810	2.948	174,501.20	284,213.36	92,346.89
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			11,136.0	0.0	11,136.0	1.825	2.836	203,187.75	315,768.57	94,410.65
CURRENT MONTH:										
DIFFERENCE			8,996.0	0.0	8,996.0	(1.088)	(0.313)	140,838.86	248,376.57	89,367.54
DIFFERENCE %			420.4%	0.0%	420.4%	-37.3%	-9.9%	225.9%	368.6%	1772.1%
PERIOD TO DATE:										
ACTUAL			62,373.2	1.2	62,372.0	2.234	3.380	1,393,098.48	2,108,011.58	631,704.62
ESTIMATED			15,400.0	0.0	15,400.0	3.312	3.579	509,995.13	551,170.00	41,174.87
DIFFERENCE			46,973.2	1.2	46,972.0	(1.078)	(0.199)	883,103.35	1,556,841.58	590,529.75
DIFFERENCE %			305.0%	0.0%	305.0%	-32.5%	-5.6%	173.2%	282.5%	1434.2%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: August 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)
ESTIMATED:								
VARIOUS		0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		0.0	0.0	0.0	0.0	0.000	0.000	0.00
ACTUAL:								
DUKE ENERGY FLORIDA	OATT	1,323.0	0.0	0.0	1,323.0	2.079	2.079	27,507.29
SUB-TOTAL CURRENT MONTH		1,323.0	0.0	0.0	1,323.0	2.079	2.079	27,507.29
NO ADJUSTMENTS TO PRIOR MONTHS								
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		1,323.0	0.0	0.0	1,323.0	2.079	2.079	27,507.29
TOTAL		1,323.0	0.0	0.0	1,323.0	2.079	2.079	27,507.29
CURRENT MONTH:								
DIFFERENCE		1,323.0	0.0	0.0	1,323.0	2.079	2.079	27,507.29
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		6,350.0	0.0	0.0	6,350.0	4.164	4.164	264,408.23
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		6,350.0	0.0	0.0	6,350.0	4.164	4.164	264,408.23
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: August 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	
ESTIMATED:								
VARIOUS	COGEN.							
	AS AVAIL.	7,540.0	0.0	0.0	7,540.0	3.534	3.534	266,490.00
TOTAL		<u>7,540.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,540.0</u>	<u>3.534</u>	<u>3.534</u>	<u>266,490.00</u>
ACTUAL:								
	AS AVAILABLE							
CARGILL RIDGEWOOD	COGEN.	252.0	0.0	0.0	252.0	2.530	2.530	6,375.16
CARGILL MILLPOINT	COGEN.	1,985.0	0.0	0.0	1,985.0	2.119	2.119	42,061.73
IMC-AGRICO-NEW WALES	COGEN.	1.0	0.0	0.0	1.0	1.398	1.398	13.98
IMC-AGRICO-S. PIERCE	COGEN.	19,215.0	0.0	0.0	19,215.0	2.142	2.142	411,604.38
SUB-TOTAL CURRENT MONTH		<u>21,453.0</u>	<u>0.0</u>	<u>0.0</u>	<u>21,453.0</u>	<u>2.144</u>	<u>2.144</u>	<u>460,055.25</u>
NET METERING		10.6	0.0	0.0	10.6	2.530	2.530	267.22
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>21,463.6</u>	<u>0.0</u>	<u>0.0</u>	<u>21,463.6</u>	<u>2.145</u>	<u>2.145</u>	<u>460,322.47</u>
CURRENT MONTH:								
DIFFERENCE		13,923.6	0.0	0.0	13,923.6	(1.390)	(1.390)	193,832.47
DIFFERENCE %		184.7%	0.0%	0.0%	184.7%	-39.3%	-39.3%	72.7%
PERIOD TO DATE:								
ACTUAL		144,503.9	0.0	0.0	144,503.9	2.179	2.179	3,148,163.79
ESTIMATED		60,060.0	0.0	0.0	60,060.0	2.971	2.971	1,784,400.00
DIFFERENCE		84,443.9	0.0	0.0	84,443.9	(0.792)	(0.792)	1,363,763.79
DIFFERENCE %		140.6%	0.0%	0.0%	140.6%	-26.7%	-26.7%	76.4%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: August 2019

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUPT- TABLE	(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	153,140.0	0.0	153,140.0	3.602	5,516,000.00	4.131	6,326,360.00	810,360.00
TOTAL		153,140.0	0.0	153,140.0	3.602	5,516,000.00	4.131	6,326,360.00	810,360.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	168,392.0	0.0	168,392.0	3.046	5,128,629.31	3.608	6,075,352.45	946,723.14
FLA. POWER & LIGHT	SCH. - J	7,800.0	0.0	7,800.0	3.651	284,800.00	3.653	284,910.00	110.00
ORLANDO UTIL. COMM.	SCH. - J	733.0	0.0	733.0	3.739	27,405.00	3.739	27,405.00	0.00
THE ENERGY AUTHORITY	SCH. - J	796.0	0.0	796.0	5.902	46,976.00	5.902	46,976.00	0.00
FMPA	SCH. - J	29,760.0	0.0	29,760.0	2.675	796,176.51	1.950	580,416.51	(215,760.00)
MORGAN STANLEY	SCH. - J	400.0	0.0	400.0	4.000	16,000.00	4.000	16,000.00	0.00
EXGEN	SCH. - J	5,054.0	0.0	5,054.0	3.710	187,488.00	3.766	190,320.50	2,832.50
SOUTHERN COMPANY	SCH. - J	630.0	0.0	630.0	3.868	24,370.00	3.868	24,370.00	0.00
MACQUARIE ENERGY LLC	SCH. - J	100.0	0.0	100.0	2.800	2,800.00	2.800	2,800.00	0.00
SUB-TOTAL CURRENT MONTH		213,665.0	0.0	213,665.0	3.049	6,514,644.82	3.392	7,248,550.46	733,905.64
ADJUSTMENTS TO PRIOR MONTHS:									
FMPA	July 2019	(29,760.0)	0.0	(29,760.0)	2.785	(828,766.19)	5.045	(1,501,342.19)	(672,576.00)
FMPA	July 2019	29,760.0	0.0	29,760.0	2.785	828,766.18	5.045	1,501,342.17	672,575.99
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.000	(0.01)	0.000	(0.02)	(0.01)
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		213,665.0	0.0	213,665.0	3.049	6,514,644.81	3.392	7,248,550.44	733,905.63
TOTAL		213,665.0	0.0	213,665.0	3.049	6,514,644.81	3.392	7,248,550.44	733,905.63
CURRENT MONTH:									
DIFFERENCE		60,525.0	0.0	60,525.0	(0.553)	998,644.81	(0.739)	922,190.44	(76,454.37)
DIFFERENCE %		39.5%	0.0%	39.5%	-15.4%	18.1%	-17.9%	14.6%	-9.4%
PERIOD TO DATE:									
ACTUAL		791,021.0	143.8	790,877.2	3.538	27,979,195.56	4.718	37,313,948.35	9,334,752.79
ESTIMATED		526,440.0	0.0	526,440.0	3.706	19,507,570.00	4.362	22,965,538.00	3,457,968.00
DIFFERENCE		264,581.0	143.8	264,437.2	(0.168)	8,471,625.56	0.356	14,348,410.35	5,876,784.79
DIFFERENCE %		50.3%	0.0%	50.2%	-4.5%	43.4%	8.2%	62.5%	169.9%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: August 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	6.3				

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)	\$	(72,756)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(421,810)
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TOTAL CAPACITY	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	(33,514)	\$	(72,756)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(421,810)
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16

**LIST OF ACRONYMS
TAMPA ELECTRIC COMPANY**

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

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: 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) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	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	-	-	-	-	-	-
SOLAR TOTAL	445.2	67,051	20.2	-	38.1	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	305	88,399	39.0	100.0	41.5	14,450	GAS	1,246,181	1,025,000	1,277,335.4	4,073,635	4.61	3.27
BIG BEND #2 TOTAL	340	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
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
BIG BEND #3 TOTAL	345	40,095	15.6	36.8	53.6	11,615	-	-	-	465,690.7	1,485,166	3.70	-
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
BIG BEND #4 TOTAL	437	118,061	36.3	66.2	52.7	11,390	-	-	-	1,344,770.8	4,436,197	3.76	-
B.B. IGNITION	-	-	-	-	-	-	GAS	37,798	0	38,742.7	123,558	-	3.27
BIG BEND CT #4 TOTAL	(3) 56	(87)	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND STATION TOTAL	1,483	246,468	23.8	75.9	25.3	12,528	-	-	-	3,087,796.9	10,118,556	4.11	-
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	-	-	-	-	-	-	-
POLK #1 TOTAL	235	39,438	23.3	98.8	54.1	9,789	-	-	-	386,080.0	1,231,274	3.12	-
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	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	228,131	66.5	96.9	86.4	-	GAS	-	-	149,140.0	475,632	0.21	-
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	5,829,600	1,055.2	23,245	35.76	127.63
POLK #2 TOTAL	150	93,458	83.7	100.0	93.3	11,500	-	-	-	1,074,772.2	3,447,508	3.69	-
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	5,829,600	1,061.0	23,341	34.84	127.33
POLK #3 TOTAL	150	81,036	72.6	88.5	94.7	11,384	-	-	-	922,532.0	2,962,066	3.66	-
POLK #4 TOTAL	150	100,096	89.7	100.0	96.3	11,148	GAS	1,088,678	1,025,000	1,115,895.0	3,558,775	3.56	3.27
POLK #5 TOTAL	150	90,162	80.8	100.0	97.8	11,185	GAS	983,909	1,025,000	1,008,507.0	3,216,297	3.57	3.27
POLK #2 CC TOTAL	1,061	592,883	75.1	97.0	75.1	7,204	GAS	-	-	4,270,846.1	13,660,278	2.30	-
POLK STATION TOTAL	1,296	632,321	65.7	97.3	65.7	7,365	-	-	-	4,656,926.1	14,891,552	2.36	-

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) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	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	-	-	-	-	-	-
SOLAR TOTAL	445.2	65,742	20.5	-	36.1	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	(4) 305	86,621	39.4	98.0	47.2	13,930	GAS	1,281,084	1,024,000	1,311,419.6	4,505,099	5.20	3.52
BIG BEND #2 TOTAL	(4) 340	25,535	10.4	82.0	46.8	12,478	GAS	371,925	1,024,000	380,607.7	1,308,082	5.12	3.52
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)	1,024,000	(178,982.3)	(612,568)	0.00	3.49
BIG BEND #3 TOTAL	345	0	0.0	0.0	0.0	0	-	-	-	(178,982.3)	(612,568)	0.00	-
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
BIG BEND #4 TOTAL	437	152,809	48.6	65.7	68.1	10,403	-	-	-	1,596,754.8	5,273,762	3.45	-
B.B. IGNITION	(4) -	-	-	-	-	-	GAS	22,034	0	22,563.0	77,523	-	3.52
BIG BEND CT #4 TOTAL	56	573	1.4	100.0	65.6	13,008	GAS	7,279	1,024,000	7,453.6	25,595	4.47	3.52
BIG BEND STATION TOTAL	1,483	265,538	26.5	61.9	31.7	11,759	-	-	-	3,117,253.4	10,577,493	3.98	-
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	-	-	-	-	-	-	-
POLK #1 TOTAL	235	101,035	59.7	98.5	64.4	8,639	-	-	-	872,826.0	2,998,387	2.97	-
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	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	170,278	51.3	79.4	67.5	-	GAS	-	-	114,596.0	393,503	0.23	-
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	5,829,600	550.3	12,035	0.00	126.68
POLK #2 TOTAL	150	17,744	16.4	24.4	87.6	11,494	-	-	-	203,951.3	711,221	4.01	-
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
POLK #3 TOTAL	150	95,922	88.8	100.0	93.2	11,221	-	-	-	1,076,305.0	3,696,147	3.85	-
POLK #4 TOTAL	(4) 150	87,506	81.0	100.0	95.6	10,947	GAS	935,481	1,024,000	957,933.0	3,289,950	3.76	3.52
POLK #5 TOTAL	(4) 150	78,329	72.5	100.0	94.0	10,988	GAS	840,478	1,024,000	860,650.0	2,955,870	3.77	3.52
POLK #2 CC TOTAL	1,061	449,779	58.9	80.4	58.9	7,144	GAS	-	-	3,213,435.3	11,046,691	2.46	-
POLK STATION TOTAL	1,296	550,814	59.0	83.6	59.0	7,419	-	-	-	4,086,261.3	14,045,078	2.55	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 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) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	323	27.1	-	43.2	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,508	31.2	-	63.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	247	22.1	-	44.5	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	12,009	23.0	-	47.7	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	12,908	23.3	-	48.7	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	4,335	7.8	-	35.3	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	12,026	26.5	-	54.2	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	11,736	28.5	-	60.2	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	9,119	32.7	-	65.0	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	11,242	30.5	-	57.8	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	445.2	78,453	23.7	-	37.7	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	305	61,574	27.1	96.5	42.7	13,901	GAS	838,350	1,021,000	855,955.1	2,852,112	4.63	3.40
BIG BEND #2 TOTAL	340	111,926	44.2	99.9	44.2	12,764	GAS	1,399,285	1,021,000	1,428,670.6	4,760,449	4.25	3.40
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	37,128	14.5	41.6	68.2	-	GAS	382,911	1,021,000	390,951.8	1,302,684	3.51	3.40
BIG BEND #3 TOTAL	345	37,128	14.5	41.6	68.2	10,530	-	-	-	390,951.8	1,302,684	3.51	-
B.B.#4 (COAL)	437	135,386	41.6	26.1	58.6	-	COAL	65,724	23,101,025	1,518,291.8	4,953,944	3.66	75.37
B.B.#4 (GAS)	185	2,549	1.9	26.1	55.1	-	GAS	28,362	1,021,000	28,957.6	96,491	3.79	3.40
BIG BEND #4 TOTAL	437	137,935	42.4	26.1	57.0	11,217	-	-	-	1,547,249.4	5,050,435	3.66	-
B.B. IGNITION	-	-	-	-	-	-	GAS	30,418	0	31,057.0	103,484	-	3.40
BIG BEND CT #4 TOTAL	61	102	0.2	89.0	37.2	27,295	GAS	2,727	1,021,000	2,784.1	9,277	9.10	3.40
BIG BEND STATION TOTAL	1,488	348,665	31.5	63.5	31.5	12,119	-	-	-	4,225,611.0	14,078,441	4.04	-
POLK #1 GASIFIER	220	(2,370)	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
POLK #1 CT (GAS)	150	54,244	47.1	69.1	69.7	12,118	GAS	643,795	1,021,000	657,315.0	2,190,228	2.82	3.40
POLK #1 ST	85	23,415	35.9	68.4	52.5	0	-	-	-	-	-	-	-
POLK #1 TOTAL	235	75,289	43.1	68.9	62.9	8,731	-	-	-	657,315.0	2,190,228	2.91	-
POLK #2 ST DUCT FIRING	120	15,731	17.6	-	86.5	8,400	GAS	129,427	1,021,000	132,145.0	440,318	2.80	3.40
POLK #2 ST W/O DUCT FIRING	341	181,164	71.4	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	196,895	57.4	99.1	86.5	-	GAS	-	-	132,145.0	440,318	0.22	-
POLK #2 CT (GAS)	150	74,786	67.0	100.0	89.9	11,301	GAS	827,738	1,021,000	845,121.0	2,816,013	3.77	3.40
POLK #2 CT (OIL)	159	67	0.1	100.0	34.2	11,558	LGT.OIL	133	5,829,600	778.8	17,030	25.42	128.05
POLK #2 TOTAL	150	74,853	67.1	100.0	89.9	11,301	-	-	-	845,899.8	2,833,043	3.78	-
POLK #3 CT (GAS)	150	79,495	71.2	98.9	92.2	11,227	GAS	874,129	1,021,000	892,486.0	2,973,837	3.74	3.40
POLK #3 CT (OIL)	159	0	0.00	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	79,495	71.2	98.9	92.2	11,227	-	-	-	892,486.0	2,973,837	3.74	-
POLK #4 TOTAL	150	87,460	78.4	100.0	94.4	10,939	GAS	937,018	1,021,000	956,695.0	3,187,786	3.64	3.40
POLK #5 TOTAL	150	78,560	70.4	100.0	93.4	10,985	GAS	845,257	1,021,000	863,007.0	2,875,610	3.66	3.40
POLK #2 CC TOTAL	1,061	517,264	65.5	99.4	65.5	7,134	GAS	-	-	3,690,232.8	12,310,594	2.38	-
POLK STATION TOTAL	1,296	592,553	61.5	93.9	61.5	7,337	-	-	-	4,347,547.8	14,500,822	2.45	-

(3)