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November 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

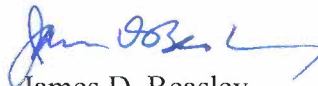
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor FPSC Docket No. 20190001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of October 2019.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/bmp

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 November, 2019 to the following:

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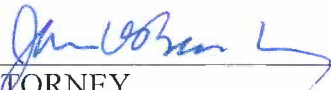
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ATTORNEY



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

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	43,269,657	43,274,434	(4,777)	0.0%	1,733,549	1,591,880	141,669	8.9%	2.49602	2.71845	(0.22243)	-8.2%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	362,534	364,194	(1,660)	-0.5%	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)	43,632,191	43,638,628	(6,437)	0.0%	1,733,549	1,591,880	141,669	8.9%	2.51693	2.74133	(0.22440)	-8.2%
6. Fuel Cost of Purchased Power - Firm (A7)	25,742	0	25,742	0.0%	1,378	0	1,378	0.0%	1.86807	0.00000	1.86807	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	6,631,582	5,974,220	657,362	11.0%	195,371	164,460	30,911	18.8%	3.39435	3.63263	(0.23827)	-6.6%
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)	401,756	248,690	153,066	61.5%	23,665	7,600	16,065	211.4%	1.69768	3.27224	(1.57456)	-48.1%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	7,059,080	6,222,910	836,170	13.4%	220,414	172,060	48,354	28.1%	3.20265	3.61671	(0.41406)	-11.4%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,953,963	1,763,940	190,023	10.8%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	55,974	18,620	37,354	200.6%	3,226	730	2,496	341.9%	1.73509	2.55068	(0.81560)	-32.0%
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)	1,272,410	45,632	1,226,778	2688.4%	57,544	1,130	56,414	4992.4%	2.21119	4.03823	(1.82704)	-45.2%
18. Gains on Sales	673,457	5,502	667,955	12140.2%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	2,001,841	69,754	1,932,087	2769.9%	60,770	1,860	58,910	3167.2%	3.29413	3.75022	(0.45609)	-12.2%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					(145)	0	(145)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					2,625	0	2,625	0.0%				
22. Interchange and Wheeling Losses					4,069	42	4,027	9686.2%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	48,689,430	49,791,784	(1,102,354)	-2.2%	1,891,604	1,762,038	129,566	7.4%	2.57398	2.82581	(0.25183)	-8.9%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	154,027 (a)	(1,735,017) (a)	1,889,044	-108.9%	5,984	(61,399)	67,383	-109.7%	2.57398	2.82581	(0.25183)	-8.9%
25. Company Use	97,090 (a)	87,600 (a)	9,490	10.8%	3,772	3,100	672	21.7%	2.57397	2.82581	(0.25184)	-8.9%
26. T & D Losses	1,834,807 (a)	1,101,172 (a)	733,635	66.6%	71,283	38,968	32,315	82.9%	2.57398	2.82581	(0.25183)	-8.9%
27. System KWH Sales	48,689,430	49,791,784	(1,102,354)	-2.2%	1,810,565	1,781,369	29,196	1.6%	2.68918	2.79514	(0.10596)	-3.8%
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	48,689,430	49,791,784	(1,102,354)	-2.2%	1,810,565	1,781,369	29,196	1.6%	2.68918	2.79514	(0.10596)	-3.8%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	48,689,430	49,791,784	(1,102,354)	-2.2%	1,810,565	1,781,369	29,196	1.6%	2.68918	2.79514	(0.10596)	-3.8%
32. Adjustment-BB Unit 2 Outage Replacement Power Cost T-up	0	0	0	0.0%	1,810,565	1,781,369	29,196	1.6%	0.00000	0.00000	0.00000	0.0%
33. True-up *	3,949,496	3,949,496	0	0.0%	1,810,565	1,781,369	29,196	1.6%	0.21814	0.22171	(0.00358)	-1.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	52,638,926	53,741,280	(1,102,354)	-2.1%	1,810,565	1,781,369	29,196	1.6%	2.90732	3.01685	(0.10953)	-3.6%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	52,676,826	53,779,974	(1,103,148)	-2.1%	1,810,565	1,781,369	29,196	1.6%	2.90941	3.01902	(0.10961)	-3.6%
37. GPIF * (Already Adjusted for Taxes)	(188,418)	(188,418)	0	0.0%	1,810,565	1,781,369	29,196	1.6%	(0.01041)	(0.01058)	0.00017	-1.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	52,488,408	53,591,556	(1,103,148)	-2.1%	1,810,565	1,781,369	29,196	1.6%	2.89900	3.00844	(0.10944)	-3.6%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.899	3.008	(0.109)	-3.6%

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

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH: October 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	448,056,457	489,252,876	(41,196,419)	-8.4%	16,653,930	16,543,990	109,940	0.7%	2.69039	2.95728	(0.26689)	-9.0%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	3,740,525	3,740,208	317	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)	451,796,982	492,993,084	(41,196,102)	-8.4%	16,653,930	16,543,990	109,940	0.7%	2.71286	2.97989	(0.26704)	-9.0%
6. Fuel Cost of Purchased Power - Firm (A7)	319,259	0	319,259	0.0%	9,135	0	9,135	0.0%	3.49490	0.00000	3.49490	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	40,958,263	31,054,310	9,903,953	31.9%	1,182,349	844,100	338,249	40.1%	3.46414	3.67898	(0.21484)	-5.8%
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)	4,010,470	2,221,900	1,788,570	80.5%	189,756	75,160	114,596	152.5%	2.11349	2.95623	(0.84274)	-28.5%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	45,287,992	33,276,210	12,011,782	36.1%	1,381,240	919,260	461,980	50.3%	3.27879	3.61989	(0.34110)	-9.4%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					18,035,170	17,463,250	571,920	3.3%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	497,558	239,080	258,478	108.1%	25,263	9,100	16,163	177.6%	1.96951	2.62725	(0.65774)	-25.0%
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)	2,635,242	386,262	2,248,980	582.2%	115,275	10,090	105,185	1042.5%	2.28605	3.82817	(1.54212)	-40.3%
18. Gains on Sales	1,475,250	50,664	1,424,586	2812.4%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	4,608,050	675,996	3,932,054	581.7%	140,538	19,190	121,348	632.4%	3.27886	3.52265	(0.24378)	-6.9%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					(154)	0	(154)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					25,443	0	25,443	0.0%				
22. Interchange and Wheeling Losses					28,771	454	28,317	6235.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	492,476,924	525,593,298	(33,116,374)	-6.3%	17,891,150	17,443,606	447,544	2.6%	2.75263	3.01310	(0.26047)	-8.6%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	5,369,994 (a)	3,117,991 (a)	2,252,003	72.2%	204,728	142,200	62,528	44.0%	2.62299	2.19268	0.43031	19.6%
25. Company Use	873,255 (a)	946,715 (a)	(73,460)	-7.8%	31,533	31,000	533	1.7%	2.76934	3.05392	(0.28458)	-9.3%
26. T & D Losses	24,901,740 (a)	22,206,121 (a)	2,695,619	12.1%	904,574	725,921	178,653	24.6%	2.75287	3.05903	(0.30616)	-10.0%
27. System KWH Sales	492,476,924	525,593,298	(33,116,374)	-6.3%	16,750,315	16,544,485	205,830	1.2%	2.94011	3.17685	(0.23674)	-7.5%
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	492,476,924	525,593,298	(33,116,374)	-6.3%	16,750,315	16,544,485	205,830	1.2%	2.94011	3.17685	(0.23674)	-7.5%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	492,476,924	525,593,298	(33,116,374)	-6.3%	16,750,315	16,544,485	205,830	1.2%	2.94011	3.17685	(0.23674)	-7.5%
32. Adjustments - Schedule A2, page 2, lines 6c and 7a	0	0	0	0.0%	16,750,315	16,544,485	205,830	1.2%	0.00000	0.00000	0.00000	0.0%
33. True-up *	25,892,600	25,892,600	0	0.0%	16,750,315	16,544,485	205,830	1.2%	0.15458	0.15650	(0.00192)	-1.2%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	518,369,524	551,485,898	(33,116,374)	-6.0%	16,750,315	16,544,485	205,830	1.2%	3.09469	3.33335	(0.23867)	-7.2%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	518,742,750	551,882,967	(33,140,217)	-6.0%	16,750,315	16,544,485	205,830	1.2%	3.09691	3.33575	(0.23884)	-7.2%
37. GPIF * (Already Adjusted for Taxes)	(1,884,180)	(1,884,180)	0	0.0%	16,750,315	16,544,485	205,830	1.2%	(0.01125)	(0.01139)	0.00014	-1.2%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	516,858,570	549,998,787	(33,140,217)	-6.0%	16,750,315	16,544,485	205,830	1.2%	3.08566	3.32436	(0.23870)	-7.2%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.086	3.324	(0.238)	-7.2%

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

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	43,269,657	43,274,434	(4,777)	0.0%	448,056,457	489,252,876	(41,196,419)	-8.4%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	1,328,384	64,252	1,264,132	1967.5%	3,132,800	625,342	2,507,458	401.0%
2a. GAINS FROM SALES	673,457	5,502	667,955	12140.2%	1,475,250	50,654	1,424,596	2812.4%
3. FUEL COST OF PURCHASED POWER	25,742	0	25,742	0.0%	319,259	0	319,259	0.0%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	401,756	248,690	153,066	61.5%	4,010,470	2,221,900	1,788,570	80.5%
4. ENERGY COST OF ECONOMY PURCHASES	6,631,582	5,974,220	657,362	11.0%	40,958,263	31,054,310	9,903,953	31.9%
5. TOTAL FUEL & NET POWER TRANSACTION	48,326,896	49,427,590	(1,100,694)	-2.2%	488,736,399	521,853,090	(33,116,691)	-6.3%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	362,534	364,194	(1,660)	-0.5%	3,740,525	3,740,208	317	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.	48,689,430	49,791,784	(1,102,354)	-2.2%	492,476,924	525,593,298	(33,116,374)	-6.3%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,810,565	1,781,369	29,196	1.6%	16,750,315	16,544,485	205,830	1.2%
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%
3. TOTAL SALES	1,810,565	1,781,369	29,196	1.6%	16,750,315	16,544,485	205,830	1.2%
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: October 2019

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	58,565,916	57,512,796	1,053,120	1.8%	518,216,423	512,481,867	5,734,556	1.1%	
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%	(25,892,600)	(25,892,600)	0	0.0%	
2b. GPIF PROVISION	188,418	188,418	0	0.0%	1,884,180	1,884,180	0	0.0%	
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	54,804,838	53,751,718	1,053,120	2.0%	494,208,003	488,473,447	5,734,556	1.2%	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	48,689,430	49,791,784	(1,102,354)	-2.2%	492,476,924	525,593,298	(33,116,374)	-6.3%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-	
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	48,689,430	49,791,784	(1,102,354)	-2.2%	492,476,924	525,593,298	(33,116,374)	-6.3%	
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-	
6b. (LINE C6 x LINE C6a)	48,689,430	49,791,784	(1,102,354)	-2.2%	492,476,924	525,593,298	(33,116,374)	-6.3%	
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	48,689,430	49,791,784	(1,102,354)	-2.2%	492,476,924	525,593,298	(33,116,374)	-6.3%	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	6,115,408	3,959,934	2,155,474	54.4%	1,731,079	(37,119,851)	38,850,930	-104.7%	
8. INTEREST PROVISION FOR THE MONTH	(23,008)	(23,478)	470	-2.0%	(880,381)	(650,221)	(230,160)	35.4%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(20,269,507)	(12,747,939)	(7,521,568)	59.0%	-----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)	(10,227,611)	(4,861,987)	(5,365,624)	110.4%	-----NOT APPLICABLE-----				

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	(20,269,507)	(12,747,939)	(7,521,568)	59.0%	-----NOT APPLICABLE-----			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>(10,204,603)</u>	<u>(4,838,509)</u>	<u>(5,366,094)</u>	<u>110.9%</u>	-----NOT APPLICABLE-----			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(30,474,110)</u>	<u>(17,586,448)</u>	<u>(12,887,662)</u>	<u>73.3%</u>	-----NOT APPLICABLE-----			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(15,237,055)	(8,793,224)	(6,443,831)	73.3%	-----NOT APPLICABLE-----			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	1.970	3.200	(1.230)	-38.4%	-----NOT APPLICABLE-----			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>1.660</u>	<u>3.200</u>	<u>(1.540)</u>	<u>-48.1%</u>	-----NOT APPLICABLE-----			
7. TOTAL (LINE D5 + LINE D6)	<u>3.630</u>	<u>6.400</u>	<u>(2.770)</u>	<u>-43.3%</u>	-----NOT APPLICABLE-----			
8. AVERAGE INT. RATE (50% OF LINE D7)	1.815	3.200	(1.385)	-43.3%	-----NOT APPLICABLE-----			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.151	0.267	(0.116)	-43.4%	-----NOT APPLICABLE-----			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(23,008)</u>	<u>(23,478)</u>	<u>470</u>	<u>-2.0%</u>	-----NOT APPLICABLE-----			

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	2,670	0	2,670	0.0%	183,150	142,781	40,369	28.3%
3 COAL	377,950	0	377,950	0.0%	34,390,443	43,031,204	(8,640,761)	-20.1%
4 NATURAL GAS	42,889,037	43,274,434	(385,397)	-0.9%	413,482,864	446,078,891	(32,596,027)	-7.3%
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 (\$)	43,269,657	43,274,434	(4,777)	0.0%	448,056,457	489,252,876	(41,196,419)	-8.4%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	36	0	36	0.0%	582	600	(18)	-3.0%
10 COAL	(1,266)	0	(1,266)	0.0%	893,047	1,297,960	(404,913)	-31.2%
11 NATURAL GAS	1,666,475	1,514,610	151,865	10.0%	15,105,320	14,349,920	755,400	5.3%
12 SOLAR	68,304	77,270	(8,966)	-11.6%	654,981	895,510	(240,529)	-26.9%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,733,549	1,591,880	141,669	8.9%	16,653,930	16,543,990	109,940	0.7%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	21	0	21	0.0%	1,436	1,120	316	28.2%
17 COAL (TON)	0	0	0	0.0%	425,192	638,990	(213,798)	-33.5%
18 NATURAL GAS (MCF)	13,130,017	10,757,510	2,372,507	22.1%	118,516,699	103,139,510	15,377,189	14.9%
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	122	0	122	0.0%	8,362	6,460	1,902	29.4%
23 COAL	0	0	0	0.0%	9,848,267	14,377,400	(4,529,133)	-31.5%
24 NATURAL GAS	13,445,137	11,032,990	2,412,147	21.9%	121,181,516	105,824,810	15,356,706	14.5%
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)	13,445,259	11,032,990	2,412,269	21.9%	131,038,145	120,208,670	10,829,475	9.0%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	-3.6%
30 COAL	-0.07%	0.00%	-0.07%	0.0%	5.36%	7.85%	-2.48%	-31.7%
31 NATURAL GAS	96.13%	95.15%	0.98%	1.0%	90.70%	86.74%	3.96%	4.6%
32 SOLAR	3.94%	4.85%	-0.91%	-18.8%	3.93%	5.41%	-1.48%	-27.3%
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)	127.14	0.00	127.14	0.0%	127.54	127.48	0.06	0.0%
37 COAL (\$/TON)	0.00	0.00	0.00	0.0%	80.88	67.34	13.54	20.1%
38 NATURAL GAS (\$/MCF)	3.27	4.02	(0.76)	-18.8%	3.49	4.33	(0.84)	-19.3%
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	21.89	0.00	21.89	0.0%	21.90	22.10	(0.20)	-0.9%
43 COAL	0.00	0.00	0.00	0.0%	3.49	2.99	0.50	16.7%
44 NATURAL GAS	3.19	3.92	(0.73)	-18.7%	3.41	4.22	(0.80)	-19.1%
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)	3.22	3.92	(0.70)	-18.0%	3.42	4.07	(0.65)	-16.0%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	3,389	0	3,389	0.0%	14,368	10,767	3,601	33.4%	
50 COAL	0	0	0	0.0%	11,028	11,077	(49)	-0.4%	
51 NATURAL GAS	8,068	7,284	784	10.8%	8,022	7,375	647	8.8%	
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)	7,756	6,931	825	11.9%	7,868	7,266	602	8.3%	
GENERATED FUEL COST PER KWH (cents/KWH)									
55 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	
56 LIGHT OIL	7.42	0.00	7.42	0.0%	31.47	23.80	7.67	32.2%	
57 COAL	(29.85)	0.00	(29.85)	0.0%	3.85	3.32	0.53	16.0%	
58 NATURAL GAS	2.57	2.86	(0.29)	-10.1%	2.74	3.11	(0.37)	-11.9%	
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)	2.50	2.72	(0.22)	-8.1%	2.69	2.96	(0.27)	-9.1%	

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	246	20.7	-	50.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,017	20.9	-	46.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	160	14.3	-	31.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	11,794	22.5	-	50.1	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	11,476	20.7	-	45.9	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	11,143	20.1	-	44.0	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	9,475	20.8	-	46.2	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	8,420	20.4	-	45.1	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	5,390	19.3	-	41.8	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.5	7,183	19.5	-	43.6	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	445.2	68,304	20.6	-	44.6	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	305	31,857	14.0	66.3	55.3	13,500	GAS	419,985	1,024,000	430,064.3	1,369,895	4.30	3.26
BIG BEND #2 TOTAL	340	89,172	35.3	70.7	35.4	13,693	GAS	1,192,435	1,024,000	1,221,053.6	3,889,459	4.36	3.26
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	148,248	57.8	99.2	57.8	-	GAS	1,723,557	1,024,000	1,764,922.3	5,621,858	3.79	3.26
BIG BEND #3 TOTAL	345	148,248	57.8	99.2	57.8	11,905	-	-	-	1,764,922.3	5,621,858	3.79	-
B.B.#4 (COAL)	(4) 437	0	0.0	0.0	0.0	-	COAL	0	0	0.0	377,950	0.00	0.00
B.B.#4 (GAS)	(3) 185	(1)	0.0	0.0	0.0	-	GAS	203	1,024,000	207.9	663	(66.30)	3.27
BIG BEND #4 TOTAL	437	(1)	0.0	0.0	0.0	0	-	-	-	207.9	378,613	(37,861.30)	-
B.B. IGNITION	-	-	-	-	-	-	GAS	16,924	1,024,000	17,330.0	55,202	-	3.26
BIG BEND CT #4 TOTAL	(3) 56	(22)	0.0	89.5	(33.9)	0	GAS	737	1,024,000	754.4	2,902	(13.19)	3.94
BIG BEND STATION TOTAL	1,483	269,254	26.0	59.9	26.0	12,691	-	-	-	3,417,002.5	11,317,929	4.20	-
POLK #1 GASIFIER	(3) 220	(1,266)	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
POLK #1 CT (GAS)	150	14,469	12.2	43.8	67.6	12,553	GAS	177,368	1,024,000	181,625.0	578,535	2.85	3.26
POLK #1 ST	85	5,856	8.7	43.5	49.0	0	-	-	-	-	-	-	-
POLK #1 TOTAL	235	19,059	10.9	43.7	60.6	9,529	-	-	-	181,625.0	578,535	3.04	-
POLK #2 ST DUCT FIRING	120	18,424	20.6	-	83.5	8,757	GAS	157,555	1,024,000	161,336.0	513,908	2.79	3.26
POLK #2 ST W/O DUCT FIRING	341	245,714	96.9	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	264,138	77.0	99.9	83.5	-	GAS	-	-	161,336.0	513,908	0.19	-
POLK #2 CT (GAS)	150	100,804	90.3	100.0	94.1	11,197	GAS	1,102,254	1,024,000	1,128,708.0	3,595,307	3.57	3.26
POLK #2 CT (OIL)	159	33	0.0	100.0	35.0	3,339	LGT.OIL	19	5,829,600	111.4	2,415	7.32	127.13
POLK #2 TOTAL	150	100,837	90.4	100.0	94.1	11,194	-	-	-	1,128,819.4	3,597,722	3.57	-
POLK #3 CT (GAS)	150	101,052	90.6	99.5	96.1	11,031	GAS	1,088,558	1,024,000	1,114,683.0	3,550,632	3.51	3.26
POLK #3 CT (OIL)	159	3	0.0	99.5	0.0	3,339	LGT.OIL	2	5,829,600	10.7	255	8.50	131.17
POLK #3 TOTAL	150	101,055	90.6	99.5	96.1	11,031	-	-	-	1,114,693.7	3,550,887	3.51	-
POLK #4 TOTAL	150	101,268	90.7	100.0	98.7	10,791	GAS	1,067,129	1,024,000	1,092,740.0	3,480,737	3.44	3.26
POLK #5 TOTAL	150	109,444	98.1	100.0	98.1	10,811	GAS	1,155,489	1,024,000	1,183,221.0	3,768,948	3.44	3.26
POLK #2 CC TOTAL	1,061	676,742	85.7	99.9	85.7	6,917	GAS	-	-	4,680,810.1	14,912,202	2.20	-
POLK STATION TOTAL	1,296	695,801	72.2	89.7	72.2	6,988	-	-	-	4,862,435.1	15,490,737	2.23	-

**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: October 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) ⁽²⁾	(L) AS BURNED FUEL COST (\$) ⁽¹⁾	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	89,515	51.6	78.2	59.3	-		-	-	-	-	-	-
BAYSIDE CT1A	156	52,859	45.5	79.3	77.2	11,635	GAS	600,596	1,024,000	615,010.1	1,959,743	3.71	3.26
BAYSIDE CT1B	156	52,573	45.3	80.1	77.7	11,591	GAS	595,120	1,024,000	609,403.2	1,941,875	3.69	3.26
BAYSIDE CT1C	156	54,936	47.3	74.6	77.1	11,354	GAS	609,096	1,024,000	623,714.8	1,987,479	3.62	3.26
BAYSIDE UNIT 1 TOTAL	701	249,883	47.9	78.1	55.1	7,396	GAS	1,804,812	1,024,000	1,848,128.2	5,889,097	2.36	3.26
BAYSIDE ST 2	305	159,650	70.4	100.0	70.4	-		-	-	-	-	-	-
BAYSIDE CT2A	156	57,070	49.2	100.0	84.1	11,160	GAS	621,976	1,024,000	636,903.5	2,029,505	3.56	3.26
BAYSIDE CT2B	156	50,525	43.5	100.0	80.5	11,362	GAS	560,594	1,024,000	574,048.0	1,829,215	3.62	3.26
BAYSIDE CT2C	156	89,991	77.5	100.0	78.6	11,524	GAS	1,012,796	1,024,000	1,037,103.2	3,304,749	3.67	3.26
BAYSIDE CT2D	156	90,780	78.2	100.0	78.2	11,503	GAS	1,019,751	1,024,000	1,044,224.9	3,327,443	3.67	3.26
BAYSIDE UNIT 2 TOTAL	929	448,016	64.8	100.0	64.8	7,349	GAS	3,215,117	1,024,000	3,292,279.6	10,490,912	2.34	3.26
BAYSIDE UNIT 3 TOTAL	56	248	0.6	98.6	96.7	10,562	GAS	2,558	1,024,000	2,619.4	8,347	3.37	3.26
BAYSIDE UNIT 4 TOTAL	56	439	1.1	100.0	89.9	11,508	GAS	4,934	1,024,000	5,052.2	16,099	3.67	3.26
BAYSIDE UNIT 5 TOTAL	56	995	2.4	100.0	88.3	11,444	GAS	11,119	1,024,000	11,386.4	36,283	3.65	3.26
BAYSIDE UNIT 6 TOTAL	56	609	1.5	100.0	96.1	10,437	GAS	6,207	1,024,000	6,355.9	20,253	3.33	3.26
BAYSIDE STATION TOTAL	1,854	700,190	50.8	91.7	50.8	7,378	GAS	5,044,747	1,024,000	5,165,821.7	16,460,991	2.35	3.26
6 SYSTEM	5,078	1,733,549	45.9	80.9	48.2	7,756	-	-	-	13,445,259.2	43,269,657	2.50	-

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

⁽⁴⁾ Includes August 2019 adjustment to Big Bend 4 of \$3,460.77 and current month fixed costs of \$369,475.48 and fuel analysis of \$5,013.63.

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: October 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)	21	0	21	0.0%	1,436	1,120	316	28.2%
21 UNIT COST (\$/BBL)	127.14	0.00	127.14	0.0%	127.54	127.48	0.06	0.0%
22 AMOUNT (\$)	2,670	0	2,670	0.0%	183,150	142,781	40,369	28.3%
23 ENDING INVENTORY:								
24 UNITS (BBL)	42,562	42,878	(316)	-0.7%	42,562	42,878	(316)	-0.7%
25 UNIT COST (\$/BBL)	127.48	127.48	(0.00)	0.0%	127.48	127.48	(0.00)	0.0%
26 AMOUNT (\$)	5,425,905	5,466,274	(40,369)	-0.7%	5,425,905	5,466,274	(40,369)	-0.7%
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)	0	45,000	(45,000)	-100.0%	429,711	570,000	(140,289)	-24.6%
32 UNIT COST (\$/TON)	0.00	65.08	(65.08)	-100.0%	68.76	67.65	1.11	1.6%
33 AMOUNT (\$)	23,147	2,928,656	(2,905,509)	-99.2%	29,545,507	38,559,273	(9,013,766)	-23.4%
34 BURNED:								
35 UNITS (TONS)	0	0	0	0.0%	425,192	638,990	(213,798)	-33.5%
36 UNIT COST (\$/TON)	0.00	0.00	0.00	0.0%	80.88	67.34	13.54	20.1%
37 AMOUNT (\$)	* 377,950	0	377,950	0.0%	34,390,443	43,031,204	(8,640,761)	-20.1%
38 ENDING INVENTORY:								
39 UNITS (TONS)	357,324	332,228	25,096	7.6%	357,324	332,228	25,096	7.6%
40 UNIT COST (\$/TON)	70.55	72.96	(2.41)	-3.3%	70.55	72.96	(2.41)	-3.3%
41 AMOUNT (\$)	25,207,614	24,238,559	969,055	4.0%	25,207,614	24,238,559	969,055	4.0%
42								
43 DAYS SUPPLY:	202	188	14	10.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	13,139,511	10,757,510	2,382,001	22.1%	118,479,193	103,534,706	14,944,487	14.4%
46 UNIT COST (\$/MCF)	3.27	4.03	(0.76)	-18.9%	3.39	4.32	(0.92)	-21.4%
47 AMOUNT (\$)	42,912,547	43,312,514	(399,967)	-0.9%	402,138,475	446,855,156	(44,716,681)	-10.0%
48 BURNED:								
49 UNITS (MCF)	13,130,017	10,757,510	2,372,507	22.1%	118,516,699	103,139,510	15,377,189	14.9%
50 UNIT COST (\$/MCF)	3.27	4.02	(0.76)	-18.8%	3.49	4.33	(0.84)	-19.3%
51 AMOUNT (\$)	42,889,037	43,274,434	(385,397)	-0.9%	413,482,864	446,078,891	(32,596,027)	-7.3%
52 ENDING INVENTORY:								
53 UNITS (MCF)	393,428	826,848	(433,420)	-52.4%	393,428	826,848	(433,420)	-52.4%
54 UNIT COST (\$/MCF)	2.69	2.87	(0.17)	-6.1%	2.69	2.87	(0.17)	-6.1%
55 AMOUNT (\$)	1,059,085	2,370,505	(1,311,420)	-55.3%	1,059,085	2,370,505	(1,311,420)	-55.3%
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: October 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%
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.0%
65 AMOUNT (\$)	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%
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.0%
69 AMOUNT (\$)	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%
72 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%	0.00	0.0%
73 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%	0	0.0%
74 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-	-	-

* Includes August 2019 adjustment to Big Bend 4 of \$3,460.77 and current month fixed costs of \$369,475.48 and fuel analysis of \$5,013.63.
No coal consumption in October.

(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	5,014
NON-INV EXPENSE	369,475
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	0
POLK NG IGNITION	0
AERIAL SURVEY ADJ	0
ADDITIVES	0
TOTAL	374,489

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		0
POLK NG IGNITION		0
INVENTORY ADJ	0	0
TOTAL	0	0

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: October 2019

(1) SOLD TO	(2) TYPE & SCHEDULE	(3) TOTAL MWH SOLD	(4) MWH WHEELED OTHER SYSTEM	(5) MWH FROM OWN GENERATION	(6) CENTS/KWH		(7) TOTAL \$ FOR FUEL ADJUSTMENT (\$)(6A)	(8) TOTAL \$ FOR TOTAL COST (\$)(6B)	(9) GAINS ON MARKET BASED SALES
					(A) FUEL COST	(B) TOTAL COST			
ESTIMATED:									
SEMINOLE	JURISD. SCH. - D	730.0	0.0	730.0	2.551	2.679	18,620.00	19,554.00	934.00
VARIOUS	JURISD. MKT.BASE	1,130.0	0.0	1,130.0	4.038	4.442	45,631.80	50,200.00	4,568.20
TOTAL		1,860.0	0.0	1,860.0	3.454	3.750	64,251.80	69,754.00	5,502.20
ACTUAL:									
SEMINOLE ELEC. PRECO-1	JURISD. SCH. - D	3,226.0	0.0	3,226.0	1.735	1.909	55,973.65	61,571.02	4,607.06
FLORIDA POWER & LIGHT	SCH. - MA	100.0	0.0	100.0	2.019	3.415	2,019.00	3,414.54	1,169.54
DUKE ENERGY FLORIDA	SCH. - MA	4,333.0	0.0	4,333.0	2.491	3.982	107,931.97	172,541.88	64,609.91
CITY OF LAKELAND	SCH. - MA	20,550.0	0.0	20,550.0	2.104	3.079	432,405.25	632,656.54	160,429.29
NEW SMYRNA BEACH	SCH. - MA	23.0	0.0	23.0	1.651	3.426	379.77	787.98	365.20
ORLANDO UTILITIES	SCH. - MA	14,250.0	0.0	14,250.0	2.099	3.502	299,045.00	499,015.67	172,547.17
SEMINOLE ELECTRIC	SCH. - MA	5,600.0	0.0	5,600.0	1.951	3.549	109,232.00	198,770.56	79,722.56
THE ENERGY AUTHORITY	SCH. - MA	9,458.0	0.0	9,458.0	2.644	4.105	250,085.06	388,263.42	138,178.36
MACQUARIE ENERGY LLC	SCH. - MA	3,230.0	0.0	3,230.0	2.187	3.900	70,640.10	125,966.16	52,580.56
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/MB								0.00
SUB-TOTAL CURRENT MONTH		60,770.0	0.0	60,770.0	2.185	3.428	1,327,711.80	2,082,987.77	674,209.65
ADJUSTMENTS TO PRIOR MONTHS:									
SEMINOLE ELECTRIC	Sept 2019 SCH. - MA	(1,600.0)	0.0	(1,600.0)	1.831	2.906	(29,296.00)	(46,492.69)	(14,060.69)
SEMINOLE ELECTRIC	Sept 2019 SCH. - MA	1,600.0	0.0	1,600.0	1.873	2.906	29,968.00	46,492.69	13,308.69
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.000	0.000	672.00	0.00	(752.00)
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.		3,226.0	0.0	3,226.0	1.735	1.909	55,973.65	61,571.02	4,607.06
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/MB POWER SALES-JURISD.		57,544.0	0.0	57,544.0	2.211	3.513	1,272,410.15	2,021,416.75	668,850.59
SUB-TOTAL OATT POWER SALES		0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL		60,770.0	0.0	60,770.0	2.186	3.428	1,328,383.80	2,082,987.77	673,457.65
CURRENT MONTH:									
DIFFERENCE		58,910.0	0.0	58,910.0	(1.268)	(0.322)	1,264,132.00	2,013,233.77	667,955.45
DIFFERENCE %		3167.2%	0.0%	3167.2%	-36.7%	-8.6%	1967.5%	2886.2%	12139.8%
PERIOD TO DATE:									
ACTUAL		140,539.2	1.2	140,538.0	2.229	3.411	3,132,798.90	4,794,152.25	1,475,252.67
ESTIMATED		19,190.0	0.0	19,190.0	3.259	3.523	625,341.37	675,996.00	50,654.63
DIFFERENCE		121,349.2	1.2	121,348.0	(1.030)	(0.112)	2,507,457.53	4,118,156.25	1,424,598.04
DIFFERENCE %		632.4%	0.0%	632.4%	-31.6%	-3.2%	401.0%	609.2%	2812.4%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	1,378.0	0.0	0.0	1,378.0	1.868	1.868	25,741.88
SUB-TOTAL CURRENT MONTH		1,378.0	0.0	0.0	1,378.0	1.868	1.868	25,741.88
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		1,378.0	0.0	0.0	1,378.0	1.868	1.868	25,741.88
TOTAL		1,378.0	0.0	0.0	1,378.0	1.868	1.868	25,741.88
CURRENT MONTH:								
DIFFERENCE		1,378.0	0.0	0.0	1,378.0	1.868	1.868	25,741.88
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		9,135.0	0.0	0.0	9,135.0	3.495	3.495	319,259.22
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		9,135.0	0.0	0.0	9,135.0	3.495	3.495	319,259.22
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: October 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.	7,600.0	0.0	0.0	7,600.0	3.272	3.272	248,690.00
TOTAL		<u>7,600.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,600.0</u>	<u>3.272</u>	<u>3.272</u>	<u>248,690.00</u>
ACTUAL:								
	AS AVAILABLE							
CARGILL RIDGEWOOD	COGEN.	1,050.0	0.0	0.0	1,050.0	1.596	1.596	16,758.16
CARGILL MILLPOINT	COGEN.	2,461.0	0.0	0.0	2,461.0	1.726	1.726	42,481.05
IMC-AGRICO-NEW WALES	COGEN.	11.0	0.0	0.0	11.0	1.551	1.551	170.64
IMC-AGRICO-S. PIERCE	COGEN.	20,141.0	0.0	0.0	20,141.0	1.700	1.700	342,307.56
SUB-TOTAL CURRENT MONTH		<u>23,663.0</u>	<u>0.0</u>	<u>0.0</u>	<u>23,663.0</u>	<u>1.698</u>	<u>1.698</u>	<u>401,717.41</u>
NET METERING		1.5	0.0	0.0	1.5	2.530	2.530	38.98
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>23,664.5</u>	<u>0.0</u>	<u>0.0</u>	<u>23,664.5</u>	<u>1.698</u>	<u>1.698</u>	<u>401,756.39</u>
CURRENT MONTH:								
DIFFERENCE		16,064.5	0.0	0.0	16,064.5	(1.575)	(1.575)	153,066.39
DIFFERENCE %		211.4%	0.0%	0.0%	211.4%	-48.1%	-48.1%	61.5%
PERIOD TO DATE:								
ACTUAL		189,754.1	0.0	0.0	189,754.1	2.114	2.114	4,010,471.68
ESTIMATED		75,160.0	0.0	0.0	75,160.0	2.956	2.956	2,221,900.00
DIFFERENCE		114,594.1	0.0	0.0	114,594.1	(0.843)	(0.843)	1,788,571.68
DIFFERENCE %		152.5%	0.0%	0.0%	152.5%	-28.5%	-28.5%	80.5%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	
ESTIMATED:									
VARIOUS	Economy	164,460.0	0.0	164,460.0	3.633	5,974,220.00	4.161	6,842,460.00	868,240.00
TOTAL		164,460.0	0.0	164,460.0	3.633	5,974,220.00	4.161	6,842,460.00	868,240.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	159,885.0	0.0	159,885.0	3.457	5,527,710.33	3.491	5,581,573.53	53,863.20
FLA. POWER & LIGHT	SCH. - J	900.0	0.0	900.0	3.567	32,100.00	3.820	34,377.00	2,277.00
ORLANDO UTIL. COMM.	SCH. - J	525.0	0.0	525.0	19.329	101,475.00	19.329	101,475.00	0.00
THE ENERGY AUTHORITY	SCH. - J	1,400.0	0.0	1,400.0	4.139	57,950.00	4.139	57,950.00	0.00
FMPA	SCH. - J	29,760.0	0.0	29,760.0	2.789	829,906.84	2.572	765,327.64	(64,579.20)
MORGAN STANLEY	SCH. - J	954.0	0.0	954.0	4.050	38,637.00	4.050	38,637.00	0.00
EXGEN	SCH. - J	776.0	0.0	776.0	4.235	32,863.00	4.235	32,863.00	0.00
SOUTHERN COMPANY	SCH. - J	1,171.0	0.0	1,171.0	4.342	50,849.00	4.342	50,849.00	0.00
SUB-TOTAL CURRENT MONTH		195,371.0	0.0	195,371.0	3.415	6,671,491.17	3.410	6,663,052.17	(8,439.00)
ADJUSTMENTS TO PRIOR MONTHS:									
DUKE ENERGY FLORIDA	Sept 2019 SCH. - J	(165,490.0)	0.0	(165,490.0)	2.995	(4,955,613.34)	3.489	(5,774,285.05)	(818,671.71)
DUKE ENERGY FLORIDA	Sept 2019 SCH. - J	165,490.0	0.0	165,490.0	2.970	4,915,704.52	3.444	5,699,192.83	783,488.31
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.000	(39,908.82)	0.000	(75,092.22)	(35,183.40)
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		195,371.0	0.0	195,371.0	3.394	6,631,582.35	3.372	6,587,959.95	(43,622.40)
TOTAL		195,371.0	0.0	195,371.0	3.394	6,631,582.35	3.372	6,587,959.95	(43,622.40)
CURRENT MONTH:									
DIFFERENCE		30,911.0	0.0	30,911.0	(0.238)	657,362.35	(0.789)	(254,500.05)	(911,862.40)
DIFFERENCE %		18.8%	0.0%	18.8%	-6.6%	11.0%	-19.0%	-3.7%	-105.0%
PERIOD TO DATE:									
ACTUAL		1,182,493.0	143.8	1,182,349.2	3.464	40,958,263.77	4.316	51,026,017.87	10,067,754.10
ESTIMATED		844,100.0	0.0	844,100.0	3.679	31,054,310.00	4.233	35,734,308.00	4,679,998.00
DIFFERENCE		338,393.0	143.8	338,249.2	(0.215)	9,903,953.77	0.082	15,291,709.87	5,387,756.10
DIFFERENCE %		40.1%	0.0%	40.1%	-5.8%	31.9%	1.9%	42.8%	115.1%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	7.3	9.3		

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)

TOTAL PURCHASES AND (SALES)	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	(33,514)	\$	(72,756)	\$	(43,150)	\$	(375,827)	\$	-	\$	-	\$	(840,787)
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TOTAL CAPACITY	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	(33,514)	\$	(72,756)	\$	(43,150)	\$	(375,827)	\$	-	\$	-	\$	(840,787)
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**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