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October 25, 2023

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. 20230001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of September 2023.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

Malcolm N. Means

MNM/bml

Attachment

cc: All Parties of Record (w/attachment)
Devlin Higgins (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 October 2023 to the following:

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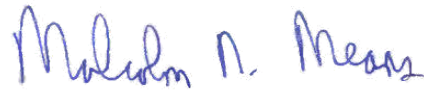
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TAMPA ELECTRIC COMPANY
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WITH MID-COURSE FILED 2/08/23

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COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	44,910,527	72,134,654	(27,224,127)	-37.7%	1,716,294	1,955,940	(239,646)	-12.3%	2.61672	3.68798	(1.07126)	-29.0%
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	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments	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)	44,910,527	72,134,654	(27,224,127)	-37.7%	1,716,294	1,955,940	(239,646)	-12.3%	2.61672	3.68798	(1.07126)	-29.0%
6. Fuel Cost of Purchased Power - Firm (A7)	6,492,473	4,710	6,487,763	137744.4%	123,877	60	123,817	206361.7%	5.24106	7.85000	(2.60894)	-33.2%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	9,202,616	1,453,790	7,748,826	533.0%	238,236	12,940	225,296	1741.1%	3.86282	11.23485	(7.37204)	-65.6%
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)	311,859	146,150	165,709	113.4%	15,253	5,550	9,703	174.8%	2.04457	2.63333	(0.58876)	-22.4%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	16,006,948	1,604,650	14,402,298	897.5%	377,366	18,550	358,816	1934.3%	4.24176	8.65040	(4.40865)	-51.0%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					2,093,660	1,974,490	119,170	6.0%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	56,345	143,290	(86,945)	-60.7%	2,854	3,830	(976)	-25.5%	1.97425	3.74125	(1.76701)	-47.2%
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)	304,879	0	304,879	0.0%	13,987	0	13,987	0.0%	2.17973	0.00000	2.17973	0.0%
18. Gains on Sales	142,966	13,161	129,805	986.3%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17 + 18)	504,190	156,451	347,739	222.3%	16,841	3,830	13,011	339.7%	2.99382	4.08488	(1.09106)	-26.7%
20. Net Inadvertent Interchange					(1,092)	0	(1,092)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					2,003	0	2,003	0.0%				
22. Interchange and Wheeling Losses					2,259	0	2,259	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 - 19 + 20 + 21 - 22)	60,413,285	73,582,853	(13,169,568)	-17.9%	2,075,471	1,970,660	104,811	5.3%	2.91082	3.73392	(0.82310)	-22.0%
24. Net Unbilled	(7,499,124)	(5,498,821)	(2,000,303)	36.4%	(257,629)	(147,267)	(110,362)	74.9%	2.91082	3.73392	(0.82310)	-22.0%
25. Company Use	92,098	119,485	(27,387)	-22.9%	3,164	3,200	(36)	-1.1%	2.91081	3.73391	(0.82310)	-22.0%
26. T & D Losses	3,847,022	3,956,824	(109,802)	-2.8%	132,163	105,970	26,193	24.7%	2.91082	3.73392	(0.82310)	-22.0%
27. System KWH Sales	60,413,285	73,582,853	(13,169,568)	-17.9%	2,197,773	2,008,757	189,016	9.4%	2.74884	3.66310	(0.91426)	-25.0%
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	60,413,285	73,582,853	(13,169,568)	-17.9%	2,197,773	2,008,757	189,016	9.4%	2.74884	3.66310	(0.91426)	-25.0%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	60,413,285	73,582,853	(13,169,568)	-17.9%	2,197,773	2,008,757	189,016	9.4%	2.74884	3.66310	(0.91426)	-25.0%
32. 2021 Optimization Mechanism Gain	401,656	401,656	0	0.0%	2,197,773	2,008,757	189,016	9.4%	0.01828	0.02000	(0.00172)	-8.6%
33. True-up *	7,221,028	7,221,028	0	0.0%	2,197,773	2,008,757	189,016	9.4%	0.32856	0.35948	(0.03092)	-8.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	68,035,969	81,205,537	(13,169,568)	-16.2%	2,197,773	2,008,757	189,016	9.4%	3.09568	4.04258	(0.94690)	-23.4%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	68,084,955	81,264,005	(13,179,050)	-16.2%	2,197,773	2,008,757	189,016	9.4%	3.09791	4.04549	(0.94758)	-23.4%
37. GPIF * (Already Adjusted for Taxes)	45,514	45,514	0	0.0%	2,197,773	2,008,757	189,016	9.4%	0.00207	0.00227	(0.00019)	-8.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	68,130,469	81,309,519	(13,179,050)	-16.2%	2,197,773	2,008,757	189,016	9.4%	3.09998	4.04776	(0.94777)	-23.4%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.100	4.048	(0.948)	-23.4%

* 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: September 2023

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	417,309,665	591,490,897	(174,181,232)	-29.4%	15,775,002	16,064,560	(289,558)	-1.8%	2.64539	3.68196	(1.03658)	-28.2%
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	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments	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)	417,309,665	591,490,897	(174,181,232)	-29.4%	15,775,002	16,064,560	(289,558)	-1.8%	2.64539	3.68196	(1.03658)	-28.2%
6. Fuel Cost of Purchased Power - Firm (A7)	33,478,320	3,599,740	29,878,580	830.0%	744,328	57,660	686,668	1190.9%	4.49779	6.24305	(1.74525)	-28.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	23,268,422	1,718,110	21,550,312	1254.3%	614,181	15,830	598,351	3779.9%	3.78853	10.85351	(7.06498)	-65.1%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	1,520,488	1,366,420	154,068	11.3%	68,397	48,790	19,607	40.2%	2.22303	2.80061	(0.57758)	-20.6%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	58,267,230	6,684,270	51,582,960	771.7%	1,426,906	122,280	1,304,626	1066.9%	4.08347	5.46636	(1.38290)	-25.3%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					17,201,908	16,186,840	1,015,068	6.3%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	487,633	1,066,230	(578,597)	-54.3%	27,278	30,000	(2,722)	-9.1%	1.78764	3.55410	(1.76646)	-49.7%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	2,957,355	0	2,957,355	0.0%	141,834	0	141,834	0.0%	2.08508	0.00000	2.08508	0.0%
18. Gains on Sales	2,135,921	97,929	2,037,992	2081.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES (LINE 14 + 15 + 16 + 17 + 18)	5,580,909	1,164,159	4,416,750	379.4%	169,112	30,000	139,112	463.7%	3.30013	3.88053	(0.58040)	-15.0%
20. Net Inadvertent Interchange					786	0	786	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					15,021	0	15,021	0.0%				
22. Interchange and Wheeling Losses					18,025	0	18,025	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 - 19 + 20 + 21 - 22)	469,995,986	597,011,008	(127,015,022)	-21.3%	17,030,578	16,156,840	873,738	5.4%	2.75972	3.69510	(0.93538)	-25.3%
24. Net Unbilled	1,999,934 (a)	7,711,981 (a)	(5,712,047)	-74.1%	174,597	252,229	(77,632)	-30.8%	1.14546	3.05754	(1.91208)	-62.5%
25. Company Use	726,649 (a)	1,069,783 (a)	(343,134)	-32.1%	25,927	28,800	(2,873)	-10.0%	2.80267	3.71452	(0.91185)	-24.5%
26. T & D Losses	24,931,992 (a)	28,376,529 (a)	(3,444,537)	-12.1%	900,688	764,961	135,727	17.7%	2.76810	3.70954	(0.94143)	-25.4%
27. System KWH Sales	469,995,986	597,011,008	(127,015,022)	-21.3%	15,929,366	15,110,850	818,516	5.4%	2.95050	3.95088	(1.00038)	-25.3%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	469,995,986	597,011,008	(127,015,022)	-21.3%	15,929,366	15,110,850	818,516	5.4%	2.95050	3.95088	(1.00038)	-25.3%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	469,995,987	597,011,008	(127,015,021)	-21.3%	15,929,366	15,110,850	818,516	5.4%	2.95050	3.95088	(1.00038)	-25.3%
32. 2021 Optimization Mechanism Gain	3,614,904	3,614,904	0	0.0%	15,929,366	15,110,850	818,516	5.4%	0.02269	0.02392	(0.00123)	-5.1%
33. True-up *	43,326,169	43,326,169	0	0.0%	15,929,366	15,110,850	818,516	5.4%	0.27199	0.28672	(0.01473)	-5.1%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	516,937,060	643,952,081	(127,015,021)	-19.7%	15,929,366	15,110,850	818,516	5.4%	3.24518	4.26152	(1.01634)	-23.8%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	517,309,255	644,415,728	(127,106,473)	-19.7%	15,929,366	15,110,850	818,516	5.4%	3.24752	4.26459	(1.01707)	-23.8%
37. GPIF * (Already Adjusted for Taxes)	409,626	409,626	0	0.0%	15,929,366	15,110,850	818,516	5.4%	0.00257	0.00271	(0.00014)	-5.1%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	517,718,881	644,825,354	(127,106,473)	-19.7%	15,929,366	15,110,850	818,516	5.4%	3.25009	4.26730	(1.01721)	-23.8%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.250	4.267	(1.017)	-23.8%

* 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: September 2023

	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	44,910,527	72,134,654	(27,224,127)	-37.7%	417,309,665	591,490,897	(174,181,232)	-29.4%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	361,224	143,290	217,934	152.1%	3,444,988	1,066,230	2,378,758	223.1%
2a. GAINS FROM SALES	142,966	13,161	129,805	986.3%	2,135,921	97,929	2,037,992	2081.1%
3. FUEL COST OF PURCHASED POWER	6,492,473	4,710	6,487,763	137744.4%	33,478,320	3,599,740	29,878,580	830.0%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	311,859	146,150	165,709	113.4%	1,520,488	1,366,420	154,068	11.3%
4. ENERGY COST OF ECONOMY PURCHASES	<u>9,202,616</u>	<u>1,453,790</u>	<u>7,748,826</u>	<u>533.0%</u>	<u>23,268,422</u>	<u>1,718,110</u>	<u>21,550,312</u>	<u>1254.3%</u>
5. TOTAL FUEL & NET POWER TRANSACTION	60,413,285	73,582,853	(13,169,568)	-17.9%	469,995,986	597,011,008	(127,015,022)	-21.3%
6. ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	<u><u>60,413,285</u></u>	<u><u>73,582,853</u></u>	<u><u>(13,169,568)</u></u>	<u><u>-17.9%</u></u>	<u><u>469,995,986</u></u>	<u><u>597,011,008</u></u>	<u><u>(127,015,022)</u></u>	<u><u>-21.3%</u></u>
B. MWH SALES								
1. JURISDICTIONAL SALES	2,198,473	2,008,757	189,716	9.4%	15,929,363	15,110,850	818,513	5.4%
2. NONJURISDICTIONAL SALES	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>
3. TOTAL SALES	<u><u>2,198,473</u></u>	<u><u>2,008,757</u></u>	<u><u>189,716</u></u>	<u><u>9.4%</u></u>	<u><u>15,929,363</u></u>	<u><u>15,110,850</u></u>	<u><u>818,513</u></u>	<u><u>5.4%</u></u>
4. JURISDIC. SALES-% TOTAL MWH SALES	1.0000000	1.0000000	0.0000000	0.0%	1.0000000	1.0000000	0.0000000	0.0%

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	115,949,390	105,803,682	10,145,708	9.6%	814,081,875	771,531,904	42,549,971	5.5%	
2. JURISDICTIONAL FUEL REVENUE CREDIT	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	(7,221,028)	(7,221,028)	0	0.0%	(43,326,169)	(43,326,169)	0	0.0%	
2b. GPIF PROVISION	(45,514)	(45,514)	0	0.0%	(409,626)	(409,626)	0	0.0%	
2c. 2021 OPTIMIZATION MECHANISM GAIN	(401,656)	(401,656)	0	0.0%	(3,614,904)	(3,614,904)	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>108,281,192</u>	<u>98,135,484</u>	<u>10,145,708</u>	<u>10.3%</u>	<u>766,731,176</u>	<u>724,181,205</u>	<u>42,549,971</u>	<u>5.9%</u>	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	60,413,285	73,582,853	(13,169,568)	-17.9%	469,995,986	597,011,008	(127,015,022)	-21.3%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	<u>1.0000000</u>	<u>1.0000000</u>	<u>0.0000000</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6. JURISDIC. TOTAL FUEL & NET PWR.TRANS.	60,413,285	73,582,853	(13,169,568)	-17.9%	469,995,987	597,011,008	(127,015,021)	-21.3%	
6a. JURISDIC. LOSS MULTIPLIER	<u>1.00000</u>	<u>1.00000</u>	<u>0.00000</u>	<u>0.0%</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	
6b. (LINE C6 x LINE C6a)	60,413,285	73,582,853	(13,169,568)	-17.9%	469,995,987	597,011,008	(127,015,021)	-21.3%	
6c. ADJUSTMENT	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	<u>60,413,285</u>	<u>73,582,853</u>	<u>(13,169,568)</u>	<u>-17.9%</u>	<u>469,995,987</u>	<u>597,011,008</u>	<u>(127,015,021)</u>	<u>-21.3%</u>	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	47,867,907	24,552,631	23,315,276	95.0%	296,735,189	127,170,197	169,564,992	133.3%	
8. INTEREST PROVISION FOR THE MONTH	(975,662)	(963,225)	(12,437)	1.3%	(14,261,050)	(10,925,831)	(3,335,219)	30.5%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(246,302,731)	(389,229,667)	142,926,936	-36.7%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	<u>7,221,028</u>	<u>7,221,028</u>	<u>0</u>	<u>0.0%</u>	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	<u>(192,189,458)</u>	<u>(358,419,233)</u>	<u>166,229,775</u>	<u>-46.4%</u>	-----NOT APPLICABLE-----				

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	(246,302,731)	(389,229,667)	142,926,936	-36.7%	-----NOT APPLICABLE-----			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	<u>(191,213,796)</u>	<u>(357,456,008)</u>	<u>166,242,212</u>	<u>-46.5%</u>	-----NOT APPLICABLE-----			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(437,516,527)</u>	<u>(746,685,675)</u>	<u>309,169,148</u>	<u>-41.4%</u>	-----NOT APPLICABLE-----			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(218,758,264)	(373,342,838)	154,584,574	-41.4%	-----NOT APPLICABLE-----			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	5.370	3.100	2.270	73.2%	-----NOT APPLICABLE-----			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>5.330</u>	<u>3.100</u>	<u>2.230</u>	<u>71.9%</u>	-----NOT APPLICABLE-----			
7. TOTAL (LINE D5 + LINE D6)	<u>10.700</u>	<u>6.200</u>	<u>4.500</u>	<u>72.6%</u>	-----NOT APPLICABLE-----			
8. AVERAGE INT. RATE (50% OF LINE D7)	5.350	3.100	2.250	72.6%	-----NOT APPLICABLE-----			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.446	0.258	0.188	72.9%	-----NOT APPLICABLE-----			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(975,662)</u>	<u>(963,225)</u>	<u>(12,437)</u>	<u>1.3%</u>	-----NOT APPLICABLE-----			

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
FUEL COST OF SYSTEM NET GENERATION (\$)								
1 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
2 LIGHT OIL	45,018	92,217	(47,199)	-51.2%	535,869	830,077	(294,208)	-35.4%
3 COAL	3,101,748	5,544,287	(2,442,539)	-44.1%	19,205,532	18,750,088	455,444	2.4%
4 NATURAL GAS	41,763,761	66,498,150	(24,734,389)	-37.2%	397,568,265	571,910,732	(174,342,467)	-30.5%
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 (\$)	44,910,527	72,134,654	(27,224,127)	-37.7%	417,309,666	591,490,897	(174,181,231)	-29.4%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	23	300	(277)	-92.2%	1,647	2,700	(1,053)	-39.0%
10 COAL	101,128	122,740	(21,612)	-17.6%	442,941	414,760	28,181	6.8%
11 NATURAL GAS	1,478,215	1,661,810	(183,595)	-11.0%	13,935,791	14,030,700	(94,909)	-0.7%
12 SOLAR	136,927	171,090	(34,163)	-20.0%	1,394,622	1,616,400	(221,778)	-13.7%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,716,294	1,955,940	(239,646)	-12.3%	15,775,002	16,064,560	(289,558)	-1.8%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	324	665	(341)	-51.2%	3,882	5,985	(2,103)	-35.1%
17 COAL (TON)	34,218	61,960	(27,742)	-44.8%	198,580	210,720	(12,140)	-5.8%
18 NATURAL GAS (MCF)	10,397,827	11,226,405	(828,578)	-7.4%	99,421,402	94,850,295	4,571,107	4.8%
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	1,892	3,900	(2,008)	-51.5%	22,628	35,100	(12,472)	-35.5%
23 COAL	767,778	1,394,110	(626,332)	-44.9%	4,495,868	4,741,150	(245,282)	-5.2%
24 NATURAL GAS	10,598,116	11,535,650	(937,534)	-8.1%	101,528,043	97,448,290	4,079,753	4.2%
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)	11,367,786	12,933,660	(1,565,874)	-12.1%	106,046,539	102,224,540	3,821,999	3.7%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.00%	0.02%	-0.01%	-91.2%	0.01%	0.02%	-0.01%	-37.9%
30 COAL	5.89%	6.28%	-0.38%	-6.1%	2.81%	2.58%	0.23%	8.8%
31 NATURAL GAS	86.13%	84.96%	1.17%	1.4%	88.34%	87.34%	1.00%	1.1%
32 SOLAR	7.98%	8.75%	-0.77%	-8.8%	8.84%	10.06%	-1.22%	-12.1%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	138.73	138.67	0.06	0.0%	138.03	138.69	(0.66)	-0.5%
37 COAL (\$/TON)	90.65	89.48	1.16	1.3%	96.71	88.98	7.73	8.7%
38 NATURAL GAS (\$/MCF)	4.02	5.92	(1.91)	-32.2%	4.00	6.03	(2.03)	-33.7%
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	23.79	23.65	0.15	0.6%	23.68	23.65	0.03	0.1%
43 COAL	4.04	3.98	0.06	1.6%	4.27	3.95	0.32	8.0%
44 NATURAL GAS	3.94	5.76	(1.82)	-31.6%	3.92	5.87	(1.95)	-33.3%
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)	3.95	5.58	(1.63)	-29.2%	3.94	5.79	(1.85)	-32.0%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

	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	81,362	13,000	68,362	525.9%	13,737	13,000	737	5.7%	
50 COAL	7,592	11,358	(3,766)	-33.2%	10,150	11,431	(1,281)	-11.2%	
51 NATURAL GAS	7,170	6,942	228	3.3%	7,285	6,945	340	4.9%	
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)	6,623	6,613	10	0.2%	6,722	6,363	359	5.6%	
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	193.59	30.74	162.85	529.8%	32.53	30.74	1.79	5.8%	
57 COAL	3.07	4.52	(1.45)	-32.1%	4.34	4.52	(0.18)	-4.0%	
58 NATURAL GAS	2.83	4.00	(1.17)	-29.3%	2.85	4.08	(1.23)	-30.1%	
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)	2.62	3.69	(1.07)	-29.0%	2.65	3.68	(1.03)	-28.0%	

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

(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	282.0	24.5	-	56.9	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	1,580.0	11.1	-	22.7	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	218.0	21.6	-	45.5	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	8,886.0	17.6	-	36.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	8,485.0	15.9	-	32.7	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	8,415.0	15.7	-	32.5	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	7,737.0	17.6	-	36.6	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	7,275.0	18.3	-	37.9	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	4,400.0	16.3	-	33.3	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	7,185.0	20.2	-	42.1	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.7	10,024.0	18.6	-	38.0	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	9,246.0	17.3	-	35.7	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	9,455.0	22.0	-	44.7	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3) 0.0	108.4	17.5	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	0.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	11,051.0	20.7	-	42.1	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	10,248.0	19.2	-	39.2	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	45.6	5,890.0	17.9	-	35.8	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	54.4	7,713.0	19.7	-	39.4	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.9	163.7	0.0	-	51.1	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.9	148.9	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLORIDA AQUARIUM SOLAR	(3) 0.0	0.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
LAUREL OAKS SOLAR	61.0	9,837.0	22.4	-	45.8	-	SOLAR	-	-	-	-	-	-
RIVERSIDE SOLAR	55.0	8,597.0	21.7	-	44.0	-	SOLAR	-	-	-	-	-	-
JUNIPER SOLAR	(3) 0.0	(18.0)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	1,019.3	136,927.0	18.6	-	37.9	-	SOLAR	-	-	-	-	-	-
BIG BEND 1 ST	395	163,869	57.6	94.6	57.6	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	168,365	70.9	80.7	87.9	9,348	GAS	1,543,089	1,020,000	1,573,951.0	6,197,949	3.68	4.02
BIG BEND 6 CT	330	203,015	85.4	100.0	89.5	9,516	GAS	1,894,065	1,020,000	1,931,946.5	7,607,674	3.75	4.02
BIG BEND #1 CC TOTAL	1,055	535,249	70.5	92.0	70.5	6,550	GAS	3,437,154	1,020,000	3,505,897.4	13,805,624	2.58	-
B.B.#4 (COAL)	(4) 422	102,709	33.8	46.5	56.5	-	COAL	34,218	22,472,827	767,777.6	3,101,748	3.02	90.65
B.B.#4 (GAS)	(5) 410	13,594	4.6	46.5	9.0	-	GAS	90,930	90,930	92,748.1	347,795	2.56	3.82
BIG BEND #4 TOTAL	422	116,303	38.3	46.5	61.6	6,738	-	-	-	860,525.7	3,449,543	2.97	-
B.B. IGNITION	(5) -	-	-	-	-	-	GAS	7,516	0	0.0	47,622	-	6.34
BIG BEND CT #4 TOTAL	56	397	1.0	96.9	76.8	15,895	GAS	6,187	0	6,310.4	24,849	6.26	4.02
BIG BEND STATION TOTAL	1,533	651,949	59.1	79.6	59.1	6,589	-	-	-	4,372,733.5	17,327,638	2.66	-
POLK #1 GASIFIER	245	(1,581)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	170	11,240	9.2	98.9	51.5	12,969	GAS	142,915	142,915	145,773.0	574,029	3.80	4.02
POLK #1 ST	50	3,869	10.7	98.9	67.9	-	-	-	-	-	-	-	-
POLK #1 TOTAL	220	13,529	8.5	98.9	53.5	10,775	-	-	-	145,773.0	574,029	4.24	-
POLK #2 ST DUCT FIRING	461	2,039	0.6	-	19.2	8,400	GAS	16,792	1,020,000	17,128.2	67,448	3.31	4.02
POLK #2 ST W/O DUCT FIRING	341	97,621	39.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	99,660	30.0	57.9	49.9	-	GAS	-	-	17,128.2	67,448	0.07	-
POLK #2 CT (GAS)	150	41,660	38.6	79.7	79.7	11,788	GAS	1,020,000	481,470	491,099.6	1,933,866	4.64	1.90
POLK #2 CT (OIL)	159	21	0.0	79.7	35.1	85,004	LGT.OIL	300	5,829,600	1,750.2	41,652	202.29	138.73
POLK #2 TOTAL	150	41,681	38.6	79.7	79.7	11,824	-	-	-	492,849.9	1,975,518	4.74	-
POLK #3 CT (GAS)	150	32,980	30.5	64.5	84.8	11,636	GAS	376,240	1,020,000	383,765.2	1,511,202	4.58	4.02
POLK #3 CT (OIL)	159	3	0.0	64.5	6.2	53,082	LGT.OIL	24	5,829,600	141.4	3,366	126.33	138.73
POLK #3 TOTAL	150	32,983	30.5	64.5	84.8	11,640	-	-	-	383,906.6	1,514,567	4.59	-
POLK #4 TOTAL	150	53,570	49.6	100.0	78.3	11,786	GAS	619,018	1,020,000	631,398.6	2,486,340	4.64	4.02
POLK #5 TOTAL	150	52,365	48.5	100.0	77.7	11,777	GAS	604,635	1,020,000	616,727.3	2,428,567	4.64	4.02
POLK #2 CC TOTAL	1,061	280,260	36.7	73.8	57.9	7,643	GAS	-	-	2,142,010.6	8,472,440	3.02	-
POLK STATION TOTAL	1,281	293,789	31.9	78.1	50.3	7,787	-	-	-	2,287,783.6	9,046,469	3.08	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

(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	245	70,394	39.9	58.2	72.5	-		-	-	-	-	-	-
BAYSIDE CT1A	168	41,037	33.9	58.2	73.8	11,648	GAS	468,634	1,020,000	478,007.1	1,882,310	4.59	4.02
BAYSIDE CT1B	168	43,559	36.0	58.2	74.0	11,593	GAS	495,060	1,020,000	504,961.0	1,988,450	4.56	4.02
BAYSIDE CT1C	168	40,093	33.2	52.9	71.7	11,483	GAS	451,357	1,020,000	460,384.1	1,812,914	4.52	4.02
BAYSIDE UNIT 1 TOTAL	749	195,083	36.2	57.0	65.7	7,399	GAS	1,415,051	1,020,000	1,443,352.2	5,683,674	2.91	4.02
BAYSIDE ST 2	305	157,244	71.6	94.3	74.3	-		-	-	-	-	-	-
BAYSIDE CT2A	156	70,403	62.7	97.2	77.5	11,426	GAS	788,667	1,020,000	804,440.4	3,167,749	4.50	4.02
BAYSIDE CT2B	156	69,912	62.2	97.2	77.0	11,670	GAS	799,850	1,020,000	815,846.8	3,212,665	4.60	4.02
BAYSIDE CT2C	156	70,729	63.0	97.2	77.2	11,687	GAS	810,388	1,020,000	826,595.5	3,254,992	4.60	4.02
BAYSIDE CT2D	156	67,568	60.2	85.4	77.5	11,652	GAS	771,849	1,020,000	787,286.4	3,100,199	4.59	4.02
BAYSIDE UNIT 2 TOTAL	929	435,857	65.2	94.3	67.7	7,420	GAS	3,170,754	1,020,000	3,234,169.2	12,735,604	2.92	4.02
BAYSIDE UNIT 3 TOTAL	56	554	1.4	81.4	87.9	10,900	GAS	5,916	1,020,000	6,034.3	23,762	4.29	4.02
BAYSIDE UNIT 4 TOTAL	56	201	0.5	99.9	70.5	11,717	GAS	2,311	1,020,000	2,357.6	9,284	4.61	4.02
BAYSIDE UNIT 5 TOTAL	56	876	2.2	100.0	85.4	11,136	GAS	9,565	1,020,000	9,756.4	38,419	4.39	4.02
BAYSIDE UNIT 6 TOTAL	56	1,058	2.6	99.9	84.6	10,963	GAS	11,372	1,020,000	11,599.6	45,677	4.32	4.02
BAYSIDE STATION TOTAL	1,902	633,629	46.3	79.7	48.0	7,429	GAS	4,614,970	1,020,000	4,707,269.3	18,536,420	2.93	4.02
SYSTEM	5,735	1,716,294	41.6	79.3	51.0	6,579	-	-	-	11,367,786.4	44,910,527	2.62	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

Footnotes:

CC = COMBINED CYCLE
ST = STEAM TURBINE

⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

⁽⁴⁾ Consists of fixed costs and coal adjustment to August 2023, details on Schedule A5 page 2
⁽⁵⁾ Consists of natural gas adjustments to August 2023, details on Schedule A5 page 2

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023**

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)	2,286	665	1,621	243.8%	4,583	5,985	(1,402)	-23.4%
17 UNIT COST (\$/BBL)	(152.91)	137.48	(290.39)	-211.2%	(13.67)	138.60	(152.27)	-109.9%
18 AMOUNT (\$)	(349,574)	91,421	(440,995)	-482.4%	(62,634)	829,549	(892,183)	-107.6%
19 BURNED:								
20 UNITS (BBL)	324	665	(341)	-51.2%	3,882	5,985	(2,103)	-35.1%
21 UNIT COST (\$/BBL)	138.73	138.67	0.06	0.0%	138.03	138.69	(0.66)	-0.5%
22 AMOUNT (\$)	45,018	92,217	(47,199)	-51.2%	535,869	830,077	(294,208)	-35.4%
23 ENDING INVENTORY:								
24 UNITS (BBL)	39,149	38,446	703	1.8%	39,149	38,446	703	1.8%
25 UNIT COST (\$/BBL)	138.73	138.64	0.10	0.1%	138.73	138.64	0.10	0.1%
26 AMOUNT (\$)	5,431,222	5,330,054	101,168	1.9%	5,431,222	5,330,054	101,168	1.9%
27								
28 DAYS SUPPLY: NORMAL	1,795	1,763	32	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	5	1	20.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	56,537	54,000	2,537	4.7%	457,316	353,500	103,816	29.4%
32 UNIT COST (\$/TON)	52.91	93.34	(1.20)	-1.3%	100.17	91.94	8.23	8.9%
33 AMOUNT (\$)	5,209,392	5,040,498	168,894	3.4%	45,808,449	32,501,399	13,307,050	40.9%
34 BURNED:								
35 UNITS (TONS)	** 34,218	61,960	(27,742)	-44.8%	198,580	210,720	(12,140)	-5.8%
36 UNIT COST (\$/TON)	90.65	89.48	1.16	1.3%	96.71	88.98	7.73	8.7%
37 AMOUNT (\$)	** 3,101,748	5,544,287	(2,442,539)	-44.1%	19,205,532	18,750,088	455,444	2.4%
38 ENDING INVENTORY:								
39 UNITS (TONS)	412,778	295,844	116,934	39.5%	412,778	295,844	116,934	39.5%
40 UNIT COST (\$/TON)	100.45	94.58	5.87	6.2%	100.45	94.58	5.87	6.2%
41 AMOUNT (\$)	41,462,629	27,980,573	13,482,056	48.2%	41,462,629	27,980,573	13,482,056	48.2%
42								
43 DAYS SUPPLY:	217	155	62	40.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	10,544,421	11,226,405	(681,984)	-6.1%	99,401,616	96,044,950	3,356,666	3.5%
46 UNIT COST (\$/MCF)	3.99	5.92	(1.93)	-32.6%	3.98	5.99	(2.01)	-33.6%
47 AMOUNT (\$)	42,023,151	66,409,510	(24,386,359)	-36.7%	395,857,425	575,735,546	(179,878,121)	-31.2%
48 BURNED:								
49 UNITS (MCF)	10,397,827	11,226,405	(828,578)	-7.4%	99,421,402	94,850,295	4,571,107	4.8%
50 UNIT COST (\$/MCF)	4.02	5.92	(1.91)	-32.2%	4.00	6.03	(2.03)	-33.7%
51 AMOUNT (\$)	* 41,763,761	66,498,150	(24,734,389)	-37.2%	397,568,265	571,910,732	(174,342,467)	-30.5%
52 ENDING INVENTORY:								
53 UNITS (MCF)	341,977	1,556,420	(1,214,443)	-78.0%	341,977	1,556,420	(1,214,443)	-78.0%
54 UNIT COST (\$/MCF)	3.55	4.34	(0.78)	-18.1%	3.55	4.34	(0.78)	-18.1%
55 AMOUNT (\$)	1,215,388	6,751,041	(5,535,653)	-82.0%	1,215,388	6,751,041	(5,535,653)	-82.0%
56								
57 DAYS SUPPLY:	1	5	(4)	-80.0%	-	-	-	-
NUCLEAR								
58 BURNED:								
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%

SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

SCHEDULE A5
PAGE 2 OF 2

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			-- AMOUNT	%			-- AMOUNT	%
OTHER								
62 PURCHASES:								
63 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
64 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
65 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
66 BURNED:								
67 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
68 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
69 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
70 ENDING INVENTORY:								
71 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
72 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
73 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
74 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-

* Includes natural gas adjustment to August 2023 of:

	Dollars
Big Bend 4	\$ (17,431)
Big Bend Ignition	\$ 17,432
Total	\$ 1

** Includes coal adjustment to August 2023 of 3,715 tons and \$336,366.52.

(1) RECONCILIATION - LIGHT OIL

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

	UNITS	DOLLARS
OIL REPLACEMENT	0	0
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:

	UNITS	DOLLARS
FUEL ANALYSIS	0	11,828
NON-INV EXPENSE	0	(3,417)
AERIAL SURVEY ADJ		0
ADDITIVES		
TOTAL	0	8,411

(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
TOTAL	0	0

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

(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	3,830.0	0.0	3,830.0	3.741	4.085	143,290.00	156,451.00	13,161.00
VARIOUS	JURISD.	MKT.BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			3,830.0	0.0	3,830.0	3.741	4.085	143,290.00	156,451.00	13,161.00
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	2,854.0	0.0	2,854.0	1.974	2.172	56,344.95	61,979.45	2,312.60
DUKE ENERGY FLORIDA		SCH. - MA	6,109.0	0.0	6,109.0	2.015	2.527	123,121.59	154,402.68	24,699.43
DUKE ENERGY CAROLINAS		SCH. - MA	60.0	0.0	60.0	2.207	3.026	1,323.96	1,815.54	427.98
FLORIDA POWER & LIGHT		SCH. - MA	600.0	0.0	600.0	3.503	6.863	21,018.00	41,176.04	19,384.04
ORLANDO UTILITIES		SCH. - MA	2,550.0	0.0	2,550.0	2.205	4.518	56,231.50	115,204.40	52,638.90
SOUTHERN COMPANY		SCH. - MA	1,855.0	0.0	1,855.0	2.095	2.619	38,857.98	48,590.27	7,765.99
THE ENERGY AUTHORITY		SCH. - MA	2,113.0	0.0	2,113.0	2.272	3.428	48,002.04	72,429.42	21,263.65
SUB-TOTAL CURRENT MONTH			16,141.0	0.0	16,141.0	2.137	3.070	344,900.02	495,597.80	128,492.59
ADJUSTMENTS TO PRIOR MONTHS:										
ORLANDO UTILITIES	August 2023	SCH. - MA	(12,849.0)	0.0	(12,849.0)	2.553	0.195	(328,076.88)	(25,094.27)	(198,709.19)
ORLANDO UTILITIES	August 2023	SCH. - MA	13,549.0	0.0	13,549.0	2.542	4.249	344,400.88	575,641.15	213,182.90
SUB-TOTAL CURRENT MONTH			700.0	0.0	700.0	2.332	78.650	16,324.00	550,546.88	14,473.71
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			2,854.0	0.0	2,854.0	1.974	2.172	56,344.95	61,979.45	2,312.60
TOTAL			16,841.0	0.0	16,841.0	2.145	6.212	361,224.02	1,046,144.68	142,966.30
CURRENT MONTH:										
DIFFERENCE			13,011.0	0.0	13,011.0	(1.596)	2.127	217,934.02	889,693.68	129,805.30
DIFFERENCE %			339.7%	0.0%	339.7%	-42.7%	52.1%	152.1%	568.7%	986.3%
PERIOD TO DATE:										
ACTUAL			115,917.0	0.0	115,917.0	2.113	3.759	2,449,791.35	4,357,768.09	1,719,169.09
ESTIMATED			30,000.0	0.0	30,000.0	3.554	3.881	1,066,230.00	1,164,159.00	97,929.00
DIFFERENCE			85,917.0	0.0	85,917.0	(1.441)	(0.122)	1,383,561.35	3,193,609.09	1,621,240.09
DIFFERENCE %			286.4%	0.0%	286.4%	-40.5%	-3.1%	129.8%	274.3%	1655.5%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023**

(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		60.0	0.0	0.0	60.0	7.850	7.850	4,710.00
TOTAL		60.0	0.0	0.0	60.0	7.850	7.850	4,710.00
ACTUAL:								
SOUTHERN COMPANY	SCH. - J	15,643.0	0.0	0.0	15,643.0	5.732	5.732	896,587.00
ORLANDO UTIL. COMM.	SCH. - J	2,200.0	0.0	0.0	2,200.0	7.591	7.591	167,000.00
CONSTELLATION ENERGY GENERATION	SCH. - J	6,060.0	0.0	0.0	6,060.0	5.038	5.038	305,325.00
FLA. POWER & LIGHT	SCH. - J	58,812.0	0.0	0.0	58,812.0	4.701	4.701	2,764,519.00
MACQUARIE ENERGY LLC	SCH. - J	16,333.0	0.0	0.0	16,333.0	5.412	5.412	883,880.00
RAINBOW ENERGY	SCH. - J	6,758.0	0.0	0.0	6,758.0	8.117	8.117	548,574.00
DUKE ENERGY FLORIDA	SCH. - J	16,595.0	0.0	0.0	16,595.0	3.992	3.992	662,430.42
DUKE ENERGY FLORIDA	OATT	1,476.0	0.0	0.0	1,476.0	4.344	4.344	64,110.40
SUB-TOTAL CURRENT MONTH		123,877.0	0.0	0.0	123,877.0	5.080	5.080	6,292,425.82
ADJUSTMENTS TO PRIOR MONTHS:								
DUKE ENERGY FLORIDA	July 2023 SCH. - J	(69,318.0)	0.0	0.0	(69,318.0)	3.727	3.727	(2,583,307.80)
DUKE ENERGY FLORIDA	July 2023 SCH. - J	69,318.0	0.0	0.0	69,318.0	4.001	4.001	2,773,509.84
DUKE ENERGY FLORIDA	August 2023 SCH. - J	(61,534.0)	0.0	0.0	(61,534.0)	3.972	3.972	(2,444,130.48)
DUKE ENERGY FLORIDA	August 2023 SCH. - J	61,534.0	0.0	0.0	61,534.0	3.988	3.988	2,453,975.92
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.0	0.000	0.000	200,047.48
SUB-TOTAL SCHEDULE D PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL SCHEDULE J PURCHASED POWER		122,401.0	0.0	0.0	122,401.0	5.252	5.252	6,428,362.90
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,476.0	0.0	0.0	1,476.0	4.344	4.344	64,110.40
TOTAL		123,877.0	0.0	0.0	123,877.0	5.241	5.241	6,492,473.30
CURRENT MONTH:								
DIFFERENCE		123,817.0	0.0	0.0	123,817.0	(2.609)	(2.609)	6,487,763.30
DIFFERENCE %		206361.7%	0.0%	0.0%	206361.7%	-33.2%	-33.2%	137744.4%
PERIOD TO DATE:								
ACTUAL		744,328.0	0.0	0.0	744,328.0	4.498	4.498	33,478,320.57
ESTIMATED		57,660.0	0.0	0.0	57,660.0	6.243	6.243	3,599,740.00
DIFFERENCE		686,668.0	0.0	0.0	686,668.0	(1.745)	(1.745)	29,878,580.57
DIFFERENCE %		1190.9%	0.0%	0.0%	1190.9%	-28.0%	-28.0%	830.0%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FROM OTHER UTILITIES	(5) MWH FOR INTER- RUPTIBLE	(6) MWH FOR FIRM	(7) CENTS/KWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED:								
VARIOUS	COGEN.							
	AS AVAIL.	5,550.0	0.0	0.0	5,550.0	2.633	2.633	146,150.00
TOTAL		<u>5,550.0</u>	<u>0.0</u>	<u>0.0</u>	<u>5,550.0</u>	<u>2.633</u>	<u>2.633</u>	<u>146,150.00</u>
ACTUAL:								
AS AVAILABLE								
IMC-AGRICO-NEW WALES	COGEN.	31.0	0.0	0.0	31.0	1.581	1.581	489.97
IMC-AGRICO-S. PIERCE	COGEN.	15,184.0	0.0	0.0	15,184.0	2.039	2.039	309,552.60
SUB-TOTAL CURRENT MONTH		<u>15,215.0</u>	<u>0.0</u>	<u>0.0</u>	<u>15,215.0</u>	<u>2.038</u>	<u>2.038</u>	<u>310,042.57</u>
NET METERING		37.8	0.0	0.0	37.8	4.805	4.805	1,816.72
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>15,252.8</u>	<u>0.0</u>	<u>0.0</u>	<u>15,252.8</u>	<u>2.045</u>	<u>2.045</u>	<u>311,859.3</u>
CURRENT MONTH:								
DIFFERENCE		9,702.8	0.0	0.0	9,702.8	(0.589)	(0.589)	165,709.29
DIFFERENCE %		174.8%	0.0%	0.0%	174.8%	-22.4%	-22.4%	113.4%
PERIOD TO DATE:								
ACTUAL		68,395.4	0.0	0.0	68,395.4	2.223	2.223	1,520,488.21
ESTIMATED		48,790.0	0.0	0.0	48,790.0	2.801	2.801	1,366,420.00
DIFFERENCE		19,605.4	0.0	0.0	19,605.4	(0.578)	(0.578)	154,068.21
DIFFERENCE %		40.2%	0.0%	0.0%	40.2%	-20.6%	-20.6%	11.3%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023

(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	12,940.0	0.0	12,940.0	11.235	1,453,790.00	46.982	6,079,460.00	4,625,670.00
TOTAL		12,940.0	0.0	12,940.0	11.235	1,453,790.00	46.982	6,079,460.00	4,625,670.00
ACTUAL:									
FLA. POWER & LIGHT	SCH. - J	108,000.0	0.0	108,000.0	3.525	3,807,000.00	3.596	3,884,004.00	77,004.00
THE ENERGY AUTHORITY	SCH. - J	168.0	0.0	168.0	1.083	1,819.49	1.804	3,031.10	1,211.61
DUKE ENERGY FLORIDA	SCH. - J	130,068.0	0.0	130,068.0	3.967	5,159,905.24	6.001	7,805,095.85	2,645,190.61
SUB-TOTAL CURRENT MONTH		238,236.0	0.0	238,236.0	3.765	8,968,724.73	4.908	11,692,130.95	2,723,406.22
ADJUSTMENTS TO PRIOR MONTHS:									
DUKE ENERGY FLORIDA	July 2023 SCH. - J	(80,515.0)	0.0	(80,515.0)	3.660	(2,946,635.43)	4.253	(3,424,143.67)	(477,508.24)
DUKE ENERGY FLORIDA	July 2023 SCH. - J	80,515.0	0.0	80,515.0	3.929	3,163,653.35	4.522	3,641,161.59	477,508.24
DUKE ENERGY FLORIDA	August 2023 SCH. - J	(106,088.0)	0.0	(106,088.0)	3.960	(4,201,461.44)	5.629	(5,971,398.47)	(1,769,937.03)
DUKE ENERGY FLORIDA	August 2023 SCH. - J	106,088.0	0.0	106,088.0	3.976	4,218,334.72	5.645	5,988,271.75	1,769,937.03
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.000	233,891.20	0.000	233,891.20	0.00
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		238,236.0	0.0	238,236.0	3.863	9,202,615.93	5.006	11,926,022.15	2,723,406.22
TOTAL		238,236.0	0.0	238,236.0	3.863	9,202,615.93	5.006	11,926,022.15	2,723,406.22
CURRENT MONTH:									
DIFFERENCE		225,296.0	0.0	225,296.0	(7.372)	7,748,825.93	(41.976)	5,846,562.15	(1,902,263.78)
DIFFERENCE %		1741.1%	0.0%	1741.1%	-65.6%	533.0%	-89.3%	96.2%	-41.1%
PERIOD TO DATE:									
ACTUAL		614,181.0	0.0	614,181.0	3.789	23,268,421.69	4.736	29,085,819.13	5,817,397.44
ESTIMATED		15,830.0	0.0	15,830.0	10.854	1,718,110.00	127.329	20,156,120.00	18,438,010.00
DIFFERENCE		598,351.0	0.0	598,351.0	(7.065)	21,550,311.69	(122.593)	8,929,699.13	(12,620,612.56)
DIFFERENCE %		3779.9%	0.0%	3779.9%	-65.1%	1254.3%	-96.3%	44.3%	-68.4%

**CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: September 2023**

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	QF = QUALIFYING FACILITY
DEF	11/01/2022-02/28/2023 03/01/2023-12/31/2023		ST	LT = LONG TERM
FMPA	01/01/2023-02/28/2023		ST	ST = SHORT-TERM
ORLANDO UTILITIES	01/01/2023-02/28/2023		ST	
FLORIDA POWER & LIGHT	05/01/2023-05/31/2023 09/01/2023-10/31/2023		ST	

** 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	TOTAL
SEMINOLE ELECTRIC	6.3	6.7	8.0	2.1	4.1	2.9	10.1	2.5	6.9				
DEF	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0				
FMPA	50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
ORLANDO UTILITIES	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0				
FLORIDA POWER & LIGHT	0.0	0.0	0.0	0.0	200.0	0.0	0.0	0.0	150.0				
CAPACITY	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER	TOTAL
	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)	(\$)
TOTAL PURCHASES AND (SALES)	\$ 1,874,744	\$ 1,846,548	\$ 276,545	\$ 1,512,152	\$ 304,777	\$ 153,501	\$ (155,617)	\$ 176,197	\$ 162,190	\$ -	\$ -	\$ -	\$ 6,151,037
TOTAL CAPACITY	\$ 1,874,744	\$ 1,846,548	\$ 276,545	\$ 1,512,152	\$ 304,777	\$ 153,501	\$ (155,617)	\$ 176,197	\$ 162,190	\$ -	\$ -	\$ -	\$ 6,151,037

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**LIST OF ACRONYMS
TAMPA ELECTRIC COMPANY**

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