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May 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 April 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/att.)
Devlin Higgins (w/att.)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Schedules, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 25th day of May 2023 to the following:

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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: April 2023

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
1. Fuel Cost of System Net Generation (A3)	35,908,212	54,666,773	(18,758,561)	-34.3%	1,569,380	1,592,650	(23,270)	-1.5%	2.28805	3.43244	(1.14439)	-33.3%
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	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)	35,908,212	54,666,773	(18,758,561)	-34.3%	1,569,380	1,592,650	(23,270)	-1.5%	2.28805	3.43244	(1.14439)	-33.3%
6. Fuel Cost of Purchased Power - Firm (A7)	8,855,711	0	8,855,711	0.0%	167,936	0	167,936	0.0%	5.27327	0.00000	5.27327	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	1,230,722	23,160	1,207,562	5214.0%	24,094	360	23,734	6592.8%	5.10800	6.43333	(1.32533)	-20.6%
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)	82,640	132,170	(49,530)	-37.5%	5,037	5,190	(153)	-2.9%	1.64066	2.54663	(0.90597)	-35.6%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	10,169,073	155,330	10,013,743	6446.8%	197,067	5,550	191,517	3450.8%	5.16021	2.79874	2.36147	84.4%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,766,447	1,598,200	168,247	10.5%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	47,786	82,340	(34,554)	-42.0%	3,256	2,550	706	27.7%	1.46763	3.22902	(1.76139)	-54.5%
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
17. Fuel Cost of Market Base Sales (A6)	390,110	0	390,110	0.0%	24,198	0	24,198	0.0%	1.61216	0.00000	1.61216	0.0%
18. Gains on Sales	701,552	7,563	693,989	9176.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	1,139,448	89,903	1,049,545	1167.4%	27,454	2,550	24,904	976.6%	4.15039	3.52561	0.62478	17.7%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					415	0	415	0.0%				
21. Wheeling Rec'd. less Wheeling Del'd.					0	0	0	0.0%				
22. Interchange and Wheeling Losses					545	0	545	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	44,937,837	54,732,200	(9,794,363)	-17.9%	1,738,863	1,595,650	143,213	9.0%	2.58432	3.43009	(0.84577)	-24.7%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	803,518	2,459,568	(1,656,050)	-67.3%	31,092	71,706	(40,614)	-56.6%	2.58432	3.43009	(0.84576)	-24.7%
25. Company Use	70,500	109,763	(39,263)	-35.8%	2,728	3,200	(472)	-14.8%	2.58431	3.43009	(0.84578)	-24.7%
26. T & D Losses	2,993,525	2,431,737	561,788	23.1%	115,834	70,894	44,940	63.4%	2.58432	3.43009	(0.84576)	-24.7%
27. System KWH Sales	44,937,837	54,732,200	(9,794,363)	-17.9%	1,589,209	1,449,850	139,359	9.6%	2.82769	3.77503	(0.94734)	-25.1%
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	44,937,837	54,732,200	(9,794,363)	-17.9%	1,589,209	1,449,850	139,359	9.6%	2.82769	3.77503	(0.94734)	-25.1%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	44,937,837	54,732,200	(9,794,363)	-17.9%	1,589,209	1,449,850	139,359	9.6%	2.82769	3.77503	(0.94734)	-25.1%
32. 2021 Optimization Mechanism Gain	401,656	401,656	0	0.0%	1,589,209	1,449,850	139,359	9.6%	0.02527	0.02770	(0.00243)	-8.8%
33. True-up *	7,221,028	7,221,028	0	0.0%	1,589,209	1,449,850	139,359	9.6%	0.45438	0.49805	(0.04367)	-8.8%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	52,560,521	62,354,884	(9,794,363)	-15.7%	1,589,209	1,449,850	139,359	9.6%	3.30734	4.30078	(0.99344)	-23.1%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	52,598,365	62,399,780	(9,801,415)	-15.7%	1,589,209	1,449,850	139,359	9.6%	3.30972	4.30388	(0.99416)	-23.1%
37. GPIF * (Already Adjusted for Taxes)	45,514	45,514	0	0.0%	1,589,209	1,449,850	139,359	9.6%	0.00286	0.00314	(0.00028)	-8.8%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	52,643,879	62,445,294	(9,801,415)	-15.7%	1,589,209	1,449,850	139,359	9.6%	3.31258	4.30702	(0.99444)	-23.1%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.313	4.307	(0.994)	-23.1%

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

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COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH: April 2023

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE %
1. Fuel Cost of System Net Generation (A3)	176,194,980	229,372,246	(53,177,266)	-23.2%	6,090,574	5,991,790	98,784	1.6%	2.89291	3.82811	(0.93520)	-24.4%
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)	176,194,980	229,372,246	(53,177,266)	-23.2%	6,090,574	5,991,790	98,784	1.6%	2.89291	3.82811	(0.93520)	-24.4%
6. Fuel Cost of Purchased Power - Firm (A7)	12,632,371	3,595,030	9,037,341	251.4%	256,229	57,600	198,629	344.8%	4.93011	6.24137	(1.31126)	-21.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	1,642,397	144,420	1,497,977	1037.2%	34,369	1,330	33,039	2484.1%	4.77872	10.85865	(6.07993)	-56.0%
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)	735,919	623,130	112,789	18.1%	28,447	21,670	6,777	31.3%	2.58698	2.87554	(0.28856)	-10.0%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	15,010,687	4,362,580	10,648,107	244.1%	319,045	80,600	238,445	295.8%	4.70488	5.41263	(0.70775)	-13.1%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					6,409,619	6,072,390	337,229	5.6%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	227,929	514,480	(286,551)	-55.7%	13,392	14,900	(1,508)	-10.1%	1.70198	3.45289	(1.75091)	-50.7%
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)	1,205,163	0	1,205,163	0.0%	67,257	0	67,257	0.0%	1.79188	0.00000	1.79188	0.0%
18. Gains on Sales	1,118,305	47,253	1,071,052	2266.6%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	2,551,397	561,733	1,989,664	354.2%	80,649	14,900	65,749	441.3%	3.16358	3.77002	(0.60644)	-16.1%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					384	0	384	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					5,264	0	5,264	0.0%				
22. Interchange and Wheeling Losses					6,865	0	6,865	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	188,654,270	233,173,093	(44,518,823)	-19.1%	6,327,753	6,057,490	270,263	4.5%	2.98138	3.84934	(0.86796)	-22.5%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(1,422,513) (a)	582,022 (a)	(2,004,535)	-344.4%	(6,420)	37,901	(44,321)	-116.9%	22.15752	1.53562	20.62190	1342.9%
25. Company Use	338,688 (a)	494,020 (a)	(155,332)	-31.4%	11,203	12,800	(1,597)	-12.5%	3.02319	3.85953	(0.83634)	-21.7%
26. T & D Losses	9,444,288 (a)	11,201,732 (a)	(1,757,444)	-15.7%	318,312	289,513	28,799	9.9%	2.96699	3.86917	(0.90218)	-23.3%
27. System KWH Sales	188,654,270	233,173,093	(44,518,823)	-19.1%	6,004,658	5,717,276	287,382	5.0%	3.14180	4.07839	(0.93660)	-23.0%
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	188,654,270	233,173,093	(44,518,823)	-19.1%	6,004,658	5,717,276	287,382	5.0%	3.14180	4.07839	(0.93660)	-23.0%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	188,654,270	233,173,093	(44,518,823)	-19.1%	6,004,658	5,717,276	287,382	5.0%	3.14180	4.07839	(0.93660)	-23.0%
32. 2021 Optimization Mechanism Gain	1,606,624	1,606,624	0	0.0%	6,004,658	5,717,276	287,382	5.0%	0.02676	0.02810	(0.00134)	-4.8%
33. True-up *	7,221,028	7,221,028	0	0.0%	6,004,658	5,717,276	287,382	5.0%	0.12026	0.12630	(0.00604)	-4.8%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	197,481,922	242,000,745	(44,518,823)	-18.4%	6,004,658	5,717,276	287,382	5.0%	3.28881	4.23280	(0.94399)	-22.3%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	197,624,110	242,174,987	(44,550,877)	-18.4%	6,004,658	5,717,276	287,382	5.0%	3.29118	4.23585	(0.94467)	-22.3%
37. GPIF * (Already Adjusted for Taxes)	182,056	182,056	0	0.0%	6,004,658	5,717,276	287,382	5.0%	0.00303	0.00318	(0.00015)	-4.8%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	197,806,166	242,357,043	(44,550,877)	-18.4%	6,004,658	5,717,276	287,382	5.0%	3.29421	4.23903	(0.94482)	-22.3%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.294	4.239	(0.945)	-22.3%

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	35,908,212	54,666,773	(18,758,561)	-34.3%	176,194,980	229,372,246	(53,177,266)	-23.2%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	437,896	82,340	355,556	431.8%	1,433,092	514,480	918,612	178.6%
2a. GAINS FROM SALES	701,552	7,563	693,989	9176.1%	1,118,305	47,253	1,071,052	2266.6%
3. FUEL COST OF PURCHASED POWER	8,855,711	0	8,855,711	0.0%	12,632,371	3,595,030	9,037,341	251.4%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	82,640	132,170	(49,530)	-37.5%	735,919	623,130	112,789	18.1%
4. ENERGY COST OF ECONOMY PURCHASES	<u>1,230,722</u>	<u>23,160</u>	<u>1,207,562</u>	<u>5214.0%</u>	<u>1,642,397</u>	<u>144,420</u>	<u>1,497,977</u>	<u>1037.2%</u>
5. TOTAL FUEL & NET POWER TRANSACTION	44,937,837	54,732,200	(9,794,363)	-17.9%	188,654,270	233,173,093	(44,518,823)	-19.1%
6. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	<u>44,937,837</u>	<u>54,732,200</u>	<u>(9,794,363)</u>	<u>-17.9%</u>	<u>188,654,270</u>	<u>233,173,093</u>	<u>(44,518,823)</u>	<u>-19.1%</u>
B. MWH SALES								
1. JURISDICTIONAL SALES	1,589,209	1,449,850	139,359	9.6%	6,004,655	5,717,276	287,379	5.0%
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>1,589,209</u>	<u>1,449,850</u>	<u>139,359</u>	<u>9.6%</u>	<u>6,004,655</u>	<u>5,717,276</u>	<u>287,379</u>	<u>5.0%</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: April 2023

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	82,364,222	74,944,819	7,419,403	9.9%	292,910,480	278,546,723	14,363,757	5.2%
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%	(7,221,028)	(7,221,028)	0	0.0%
2b. GPIF PROVISION	(45,514)	(45,514)	0	0.0%	(182,056)	(182,056)	0	0.0%
2c. 2021 OPTIMIZATION MECHANISM GAIN	(401,656)	(401,656)	0	0.0%	(1,606,624)	(1,606,624)	0	0.0%
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>74,696,024</u>	<u>67,276,621</u>	<u>7,419,403</u>	<u>11.0%</u>	<u>283,900,772</u>	<u>269,537,015</u>	<u>14,363,757</u>	<u>5.3%</u>
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	44,937,837	54,732,200	(9,794,363)	-17.9%	188,654,270	233,173,093	(44,518,823)	-19.1%
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.	44,937,837	54,732,200	(9,794,363)	-17.9%	188,654,270	233,173,093	(44,518,823)	-19.1%
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)	44,937,837	54,732,200	(9,794,363)	-17.9%	188,654,270	233,173,093	(44,518,823)	-19.1%
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>44,937,837</u>	<u>54,732,200</u>	<u>(9,794,363)</u>	<u>-17.9%</u>	<u>188,654,270</u>	<u>233,173,093</u>	<u>(44,518,823)</u>	<u>-19.1%</u>
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	29,758,187	12,544,421	17,213,766	137.2%	95,246,502	36,363,922	58,882,580	161.9%
8. INTEREST PROVISION FOR THE MONTH	(1,789,487)	(1,260,056)	(529,431)	42.0%	(7,455,006)	(5,366,404)	(2,088,602)	38.9%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(458,166,971)	(498,276,615)	40,109,644	-8.0%	-----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>(422,977,242)</u>	<u>(479,771,222)</u>	<u>56,793,980</u>	<u>-11.8%</u>	-----NOT APPLICABLE-----			

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	(458,166,971)	(498,276,615)	40,109,644	-8.0%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	(421,187,756)	(478,511,166)	57,323,410	-12.0%	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	(879,354,727)	(976,787,781)	97,433,054	-10.0%	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(439,677,364)	(488,393,891)	48,716,527	-10.0%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	4.880	3.000	1.880	62.7%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	4.890	3.200	1.690	52.8%	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	9.770	6.200	3.570	57.6%	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	4.885	3.100	1.785	57.6%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.407	0.258	0.149	57.8%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	(1,789,487)	(1,260,056)	(529,431)	42.0%	NOT APPLICABLE			

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

	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	85,620	92,233	(6,613)	-7.2%	240,551	368,921	(128,370)	-34.8%
3 COAL	1,539,012	0	1,539,012	0.0%	11,484,060	4,143,810	7,340,250	177.1%
4 NATURAL GAS	34,283,580	54,574,540	(20,290,960)	-37.2%	164,470,369	224,859,515	(60,389,146)	-26.9%
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 (\$)	35,908,212	54,666,773	(18,758,561)	-34.3%	176,194,980	229,372,246	(53,177,266)	-23.2%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	235	300	(65)	-21.7%	707	1,200	(493)	-41.1%
10 COAL	27,961	0	27,961	0.0%	224,955	93,310	131,645	141.1%
11 NATURAL GAS	1,379,131	1,384,600	(5,469)	-0.4%	5,291,975	5,267,810	24,165	0.5%
12 SOLAR	162,053	207,750	(45,697)	-22.0%	572,937	629,470	(56,533)	-9.0%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,569,380	1,592,650	(23,270)	-1.5%	6,090,574	5,991,790	98,784	1.6%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	621	665	(44)	-6.6%	1,742	2,660	(918)	-34.5%
17 COAL (TON)	14,511	0	14,511	0.0%	114,012	47,270	66,742	141.2%
18 NATURAL GAS (MCF)	10,247,955	9,293,805	954,150	10.3%	38,421,123	35,808,330	2,612,793	7.3%
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	3,620	3,900	(280)	-7.2%	10,151	15,600	(5,449)	-34.9%
23 COAL	334,821	0	334,821	0.0%	2,595,509	1,063,620	1,531,889	144.0%
24 NATURAL GAS	10,442,583	9,554,060	888,523	9.3%	39,225,198	36,780,960	2,444,238	6.6%
25 SOLAR	0	0	0	0.0%	0	0	0	0.0%
26 OTHER	0	0	0	0.0%	0	0	0	0.0%
27 TOTAL (MMBTU)	10,781,024	9,557,960	1,223,064	12.8%	41,830,858	37,860,180	3,970,678	10.5%
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%	0.02%	0.00%	-20.5%	0.01%	0.02%	-0.01%	-42.0%
30 COAL	1.78%	0.00%	1.78%	0.0%	3.69%	1.56%	2.14%	137.2%
31 NATURAL GAS	87.88%	86.94%	0.94%	1.1%	86.89%	87.92%	-1.03%	-1.2%
32 SOLAR	10.33%	13.04%	-2.72%	-20.8%	9.41%	10.51%	-1.10%	-10.5%
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)	137.87	138.70	(0.82)	-0.6%	138.09	138.69	(0.60)	-0.4%
37 COAL (\$/TON)	106.06	0.00	106.06	0.0%	100.73	87.66	13.06	14.9%
38 NATURAL GAS (\$/MCF)	3.35	5.87	(2.53)	-43.0%	4.28	6.28	(2.00)	-31.8%
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	23.65	23.65	0.00	0.0%	23.70	23.65	0.05	0.2%
43 COAL	4.60	0.00	4.60	0.0%	4.42	3.90	0.53	13.6%
44 NATURAL GAS	3.28	5.71	(2.43)	-42.5%	4.19	6.11	(1.92)	-31.4%
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)	3.33	5.72	(2.39)	-41.8%	4.21	6.06	(1.85)	-30.5%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	15,404	13,000	2,404	18.5%	14,358	13,000	1,358	10.4%
50 COAL	11,975	0	11,975	0.0%	11,538	11,399	139	1.2%
51 NATURAL GAS	7,572	6,900	672	9.7%	7,412	6,982	430	6.2%
52 SOLAR	0	0	0	0.0%	0	0	0	0.0%
53 OTHER	0	0	0	0.0%	0	0	0	0.0%
54 TOTAL (BTU/KWH)	6,870	6,001	869	14.5%	6,868	6,319	549	8.7%
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	36.43	30.74	5.69	18.5%	34.02	30.74	3.28	10.7%
57 COAL	5.50	0.00	5.50	0.0%	5.11	4.44	0.67	15.1%
58 NATURAL GAS	2.49	3.94	(1.45)	-36.8%	3.11	4.27	(1.16)	-27.2%
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)	2.29	3.43	(1.14)	-33.2%	2.89	3.83	(0.94)	-24.5%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	302	26.2	-	55.8	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	2,827	19.9	-	39.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	228	22.6	-	45.7	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	11,654	23.1	-	47.1	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	7,750	14.5	-	29.3	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	12,128	22.7	-	46.6	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	9,199	21.0	-	42.7	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	9,102	22.9	-	46.8	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	5,103	19.0	-	38.4	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	8,359	23.5	-	48.4	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.7	12,405	23.1	-	46.6	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	10,848	20.3	-	41.2	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	9,518	22.1	-	44.2	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3) 0.0	107	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	12,570	23.5	-	47.3	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	11,977	22.4	-	45.2	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	45.6	7,527	22.9	-	45.2	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	54.4	8,587	21.9	-	43.1	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.0	142	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.0	111	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLORIDA AQUARIUM SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
LAUREL OAKS SOLAR	(3) 61.0	9,598	21.9	-	53.7	-	SOLAR	-	-	-	-	-	-
RIVERSIDE SOLAR	(3) 55.0	12,011	30.3	-	61.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	1,017.5	162,053	30.3	-	61.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 1 ST	335	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	(5) 330	32,421	13.7	21.3	64.0	10,569	GAS	336,268	336,268	342,656.6	1,124,952	3.47	3.35
BIG BEND 6 CT	(5) 330	(3,530)	(1.5)	0.0	0.0	0	GAS	0	0	0.0	(384,522)	10.89	0.00
BIG BEND #1 CC TOTAL	995	28,891	4.1	7.2	19.1	11,860	GAS	337,853	336,268	342,656.6	740,430	2.56	-
BIG BEND #2 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
B.B.#3 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	(5) 345	23,435	9.4	47.7	31.7	-	GAS	310,934	310,934	316,842.1	1,037,896	4.43	3.34
BIG BEND #3 TOTAL	345	23,435	9.4	47.7	31.7	13,520	-	-	-	316,842.1	1,037,896	4.43	-
B.B.#4 (COAL)	(4) 422	28,719	9.5	22.4	41.8	-	COAL	14,511	14,511	334,820.6	1,539,012	5.36	106.06
B.B.#4 (GAS)	(5) 410	13,878	4.7	22.4	20.1	-	GAS	161,782	161,782	164,855.6	430,737	3.10	2.66
BIG BEND #4 TOTAL	422	42,597	14.0	22.4	59.5	11,730	-	-	-	499,676.2	1,969,749	4.62	-
B.B. IGNITION	(5) -	-	-	-	-	-	GAS	81	0	0.0	(1,813)	-	(22.35)
BIG BEND CT #4 TOTAL	(5) 56	53	0.1	51.0	21.0	30,481	GAS	1,585	0	1,615.5	3,841	7.25	2.42
BIG BEND STATION TOTAL	1,818	94,976	7.3	19.8	24.5	12,222	-	-	-	1,160,790.4	3,750,103	3.95	-
POLK #1 GASIFIER	220	(758)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	(5) 150	24,929	23.1	91.8	58.6	12,245	GAS	299,574	299,574	305,266.0	1,713,382	4.82	5.72
POLK #1 ST	50	10,601	29.4	91.8	75.4	-	-	-	-	-	-	-	-
POLK #1 TOTAL	200	34,772	24.1	91.8	62.6	8,779	-	-	-	305,266.0	1,713,382	4.93	-
POLK #2 ST DUCT FIRING	(5) 461	5,002	1.5	-	12.3	11,775	GAS	57,799	57,799	58,897.0	51,120	1.02	0.88
POLK #2 ST W/O DUCT FIRING	341	204,187	83.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	209,189	63.0	88.6	63.0	-	GAS	-	-	58,897.0	51,120	0.02	-
POLK #2 CT (GAS)	(5) 150	96,408	89.3	100.0	92.9	10,605	GAS	1,003,380	1,003,380	1,022,444.0	3,435,390	3.56	3.42
POLK #2 CT (OIL)	159	57	0.0	100.0	39.8	18,095	LGT.OIL	177	177	1,031.0	24,382	42.78	137.86
POLK #2 TOTAL	150	96,465	89.3	100.0	92.9	10,610	-	-	-	1,023,475.0	3,459,772	3.59	-
POLK #3 CT (GAS)	(5) 150	84,285	78.2	86.8	92.7	13,393	GAS	1,107,776	1,107,776	1,128,824.0	4,455,257	5.29	4.02
POLK #3 CT (OIL)	159	178	0.2	86.8	53.4	14,534	LGT.OIL	444	444	2,589.5	61,237	34.40	137.86
POLK #3 TOTAL	150	84,463	78.2	86.8	92.7	13,395	-	-	-	1,131,413.5	4,516,494	5.35	-
POLK #4 TOTAL	(5) 150	73,942	68.5	74.9	93.6	10,465	GAS	759,348	759,348	773,776.0	3,273,273	4.43	4.31
POLK #5 TOTAL	(5) 150	92,991	86.1	94.6	94.1	10,431	GAS	951,863	951,863	969,948.0	3,088,768	3.32	3.24
POLK #2 CC TOTAL	1,061	557,050	72.9	88.9	72.9	7,104	GAS	-	-	3,957,509.5	14,389,426	2.58	-
POLK STATION TOTAL	1,261	591,822	65.2	89.3	65.2	7,203	-	-	-	4,262,775.5	16,102,809	2.72	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	233	118,715	70.8	99.8	70.8	-		-	-	-	-	-	-
BAYSIDE CT1A	156	68,841	61.3	100.0	80.2	11,618	GAS	784,872	784,872	799,784.6	2,445,279	3.55	3.12
BAYSIDE CT1B	156	71,552	63.7	100.0	80.9	11,536	GAS	810,015	810,015	825,405.4	2,523,612	3.53	3.12
BAYSIDE CT1C	156	69,860	62.2	99.5	80.6	11,319	GAS	776,020	776,020	790,764.2	2,417,699	3.46	3.12
BAYSIDE UNIT 1 TOTAL	⁽⁵⁾ 701	328,968	65.2	99.9	65.2	7,344	GAS	2,370,907	2,370,907	2,415,954.2	7,386,590	2.25	3.12
BAYSIDE ST 2	305	138,841	63.2	99.2	63.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	73,618	65.5	99.7	77.8	11,472	GAS	828,828	828,828	844,576.0	2,490,304	3.38	3.00
BAYSIDE CT2B	156	62,312	55.5	100.0	78.7	11,598	GAS	709,215	709,215	722,690.6	2,130,914	3.42	3.00
BAYSIDE CT2C	156	60,619	54.0	97.1	76.6	11,789	GAS	701,284	701,284	714,608.9	2,107,085	3.48	3.00
BAYSIDE CT2D	156	54,801	48.8	100.0	77.3	11,726	GAS	630,635	630,635	642,616.9	1,894,810	3.46	3.00
BAYSIDE UNIT 2 TOTAL	⁽⁵⁾ 929	390,192	58.3	99.2	58.3	7,495	GAS	2,869,963	2,869,963	2,924,492.4	8,623,113	2.21	3.00
BAYSIDE UNIT 3 TOTAL	⁽⁵⁾ 56	0	0.0	77.1	0.0	0	GAS	0	0	0.0	(215)	0.00	0.00
BAYSIDE UNIT 4 TOTAL	⁽⁵⁾ 56	308	0.8	99.6	82.0	12,253	GAS	3,703	3,703	3,773.5	8,120	2.64	2.19
BAYSIDE UNIT 5 TOTAL	⁽⁵⁾ 56	527	1.3	99.6	75.8	12,312	GAS	6,368	6,368	6,489.3	18,398	3.49	2.89
BAYSIDE UNIT 6 TOTAL	⁽⁵⁾ 56	534	1.3	99.4	71.4	12,640	GAS	6,623	6,623	6,749.1	19,293	3.61	2.91
BAYSIDE STATION TOTAL	1,854	720,529	54.0	98.8	54.0	7,435	GAS	5,257,565	5,257,565	5,357,458.5	16,055,299	2.23	3.05
SYSTEM	5,951	1,569,380	30.9	67.3	51.5	6,870	-	-	-	10,781,024.4	35,908,212	2.29	-

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
⁽⁵⁾ Includes natural gas adjustment to January 2023, details on Schedule A5 page 2

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE 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	665	(665)	-100.0%	2,297	2,660	(363)	-13.6%
17 UNIT COST (\$/BBL)	0.00	138.85	(138.85)	-100.0%	124.92	138.85	(13.93)	-10.0%
18 AMOUNT (\$)	1	92,334	(92,333)	-100.0%	286,939	369,336	(82,397)	-22.3%
19 BURNED:								
20 UNITS (BBL)	621	665	(44)	-6.6%	1,742	2,660	(918)	-34.5%
21 UNIT COST (\$/BBL)	137.87	138.70	(0.82)	-0.6%	138.09	138.69	(0.60)	-0.4%
22 AMOUNT (\$)	85,620	92,233	(6,613)	-7.2%	240,551	368,921	(128,370)	-34.8%
23 ENDING INVENTORY:								
24 UNITS (BBL)	39,002	38,446	556	1.4%	39,002	38,446	556	1.4%
25 UNIT COST (\$/BBL)	137.86	138.66	(0.80)	-0.6%	137.86	138.66	(0.80)	-0.6%
26 AMOUNT (\$)	5,376,967	5,330,995	45,972	0.9%	5,376,967	5,330,995	45,972	0.9%
27								
28 DAYS SUPPLY: NORMAL	1,788	1,763	25	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	5	1	20.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	39,680	27,000	12,680	47.0%	214,502	204,000	10,502	5.1%
32 UNIT COST (\$/TON)	131.80	93.26	38.54	41.3%	109.61	91.32	18.29	20.0%
33 AMOUNT (\$)	5,229,929	2,518,136	2,711,793	107.7%	23,511,721	18,628,621	4,883,100	26.2%
34 BURNED:								
35 UNITS (TONS)	14,511	0	14,511	0.0%	114,012	47,270	66,742	141.2%
36 UNIT COST (\$/TON)	106.06	0.00	106.06	0.0%	100.73	87.66	13.06	14.9%
37 AMOUNT (\$)	1,539,012	0	1,539,012	0.0%	11,484,060	4,143,810	7,340,250	177.1%
38 ENDING INVENTORY:								
39 UNITS (TONS)	251,242	309,794	(58,552)	-18.9%	251,242	309,794	(58,552)	-18.9%
40 UNIT COST (\$/TON)	105.40	92.25	13.15	14.3%	105.40	92.25	13.15	14.3%
41 AMOUNT (\$)	26,480,742	28,578,886	(2,098,144)	-7.3%	26,480,742	28,578,886	(2,098,144)	-7.3%
42								
43 DAYS SUPPLY:	797	983	(186)	-20.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	10,282,532	10,461,120	(178,588)	-1.7%	38,463,470	37,002,985	1,460,485	3.9%
46 UNIT COST (\$/MCF)	3.31	5.67	(2.37)	-41.7%	4.26	6.17	(1.91)	-31.0%
47 AMOUNT (\$)	33,986,295	59,329,420	(25,343,125)	-42.7%	163,819,050	228,393,449	(64,574,399)	-28.3%
48 BURNED:								
49 UNITS (MCF)	10,247,955	9,293,805	954,150	10.3%	38,421,123	35,808,330	2,612,793	7.3%
50 UNIT COST (\$/MCF)	3.35	5.87	(2.53)	-43.0%	4.28	6.28	(2.00)	-31.8%
51 AMOUNT (\$)	34,283,580	54,574,540	(20,290,960)	-37.2%	164,470,369	224,859,515	(60,389,146)	-26.9%
52 ENDING INVENTORY:								
53 UNITS (MCF)	404,111	1,556,420	(1,152,309)	-74.0%	404,111	1,556,420	(1,152,309)	-74.0%
54 UNIT COST (\$/MCF)	5.63	4.15	1.48	35.6%	5.63	4.15	1.48	35.6%
55 AMOUNT (\$)	2,274,908	6,460,160	(4,185,252)	-64.8%	2,274,908	6,460,160	(4,185,252)	-64.8%
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: April 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 March 2023 of:

	Dollars
Bayside 1	\$ (545,058)
Bayside 2	\$ (978,081)
Bayside 3	\$ (215)
Bayside 4	\$ (4,268)
Bayside 5	\$ (2,907)
Bayside 6	\$ (2,865)
Big Bend 3	\$ (2,306)
Big Bend 4	\$ (110,489)
Big Bend CT4-6	\$ (385,984)
Big Bend Ignition	\$ (2,085)
Polk 1	\$ 711,185
Polk 2	\$ 78,676
Polk 2 Duct Firing	\$ (142,241)
Polk 3	\$ 749,295
Polk 4	\$ 732,944
Polk 5	\$ (95,600)
Total	<u>\$ (0)</u>

⁽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	<u>0</u>	<u>0</u>

⁽²⁾ RECONCILIATION - COAL

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
FUEL ANALYSIS		9,949
NON-INV EXPENSE		104,700
BIG BEND #2 IGNITION		0
POLK NG IGNITION		0
AERIAL SURVEY ADJ	0	0
ADDITIVES		0
TOTAL	<u>0</u>	<u>114,649</u>

⁽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	<u>0</u>	<u>0</u>

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: April 2023

(1) SOLD TO	(2) TYPE & SCHEDULE	(3) TOTAL MWH SOLD	(4) MWH WHEELED OTHER SYSTEM	(5) MWH FROM OWN GENERATION	(6) CENTS/KWH		(7) TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	(8) TOTAL \$ FOR TOTAL COST (5)X(6B)	(9) GAINS ON MARKET BASED SALES	
					(A) FUEL COST	(B) TOTAL COST				
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	2,550.0	0.0	2,550.0	3.229	3.526	82,340.00	89,903.00	7,563.00
VARIOUS	JURISD.	MKT.BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			2,550.0	0.0	2,550.0	3.229	3.526	82,340.00	89,903.00	7,563.00
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	3,256.0	0.0	3,256.0	1.468	1.614	47,785.94	52,564.53	0.00
ORLANDO UTILITIES COMMISSION		SCH. - MA	5,300.0	0.0	5,300.0	1.395	6.800	73,924.00	360,376.56	273,036.56
THE ENERGY AUTHORITY		SCH. - MA	7,470.0	0.0	7,470.0	1.814	4.571	135,531.70	341,419.84	183,646.09
CITY OF LAKELAND		SCH. - MA	7,200.0	0.0	7,200.0	1.567	4.904	112,816.00	353,096.29	224,232.29
RAINBOW ENERGY		SCH. - MA	4,228.0	0.0	4,228.0	1.605	2.366	67,838.26	100,018.18	20,637.48
SUB-TOTAL CURRENT MONTH			27,454.0	0.0	27,454.0	1.595	4.398	437,895.90	1,207,475.40	701,552.42
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL CURRENT MONTH			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			3,256.0	0.0	3,256.0	1.468	1.614	47,785.94	52,564.53	0.00
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.			24,198.0	0.0	24,198.0	1.612	4.773	390,109.96	1,154,910.87	701,552.42
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			27,454.0	0.0	27,454.0	1.595	4.398	437,895.90	1,207,475.40	701,552.42
CURRENT MONTH:										
DIFFERENCE			24,904.0	0.0	24,904.0	(1.634)	0.872	355,555.90	1,117,572.40	693,989.42
DIFFERENCE %			976.6%	0.0%	976.6%	-50.6%	24.7%	431.8%	1243.1%	9176.1%
PERIOD TO DATE:										
ACTUAL			27,454.0	0.0	27,454.0	1.595	4.398	437,895.90	1,207,475.40	701,552.42
ESTIMATED			14,900.0	0.0	14,900.0	3.453	3.770	514,480.00	561,733.00	47,253.00
DIFFERENCE			12,554.0	0.0	12,554.0	(1.858)	0.628	(76,584.10)	645,742.40	654,299.42
DIFFERENCE %			84.3%	0.0%	84.3%	-53.8%	16.7%	-14.9%	115.0%	1384.7%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: April 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		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:								
SOUTHERN COMPANY	SCH. - J	1,550.0	0.0	0.0	1,550.0	5.684	5.684	88,100.00
THE ENERGY AUTHORITY	SCH. - J	3,900.0	0.0	0.0	3,900.0	4.000	4.000	156,000.00
CONSTELLATION ENERGY GENERATION	SCH. - J	29,612.0	0.0	0.0	29,612.0	4.087	4.087	1,210,280.00
FLA. POWER & LIGHT	SCH. - J	43,752.0	0.0	0.0	43,752.0	6.046	6.046	2,645,296.00
MACQUARIE ENERGY LLC	SCH. - J	450.0	0.0	0.0	450.0	6.800	6.800	30,600.00
RAINBOW ENERGY	SCH. - J	16,290.0	0.0	0.0	16,290.0	6.300	6.300	1,026,270.00
DUKE ENERGY FLORIDA	SCH. - J	72,382.0	0.0	0.0	72,382.0	5.111	5.111	3,699,164.56
SUB-TOTAL CURRENT MONTH		167,936.0	0.0	0.0	167,936.0	5.273	5.273	8,855,710.56
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 SCHEDULE J PURCHASED POWER		167,936.0	0.0	0.0	167,936.0	5.273	5.273	8,855,710.56
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		167,936.0	0.0	0.0	167,936.0	5.273	5.273	8,855,710.56
CURRENT MONTH:								
DIFFERENCE		167,936.0	0.0	0.0	167,936.0	5.273	5.273	8,855,710.56
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		256,229.0	0.0	0.0	256,229.0	4.930	4.930	12,632,370.47
ESTIMATED		57,600.0	0.0	0.0	57,600.0	6.241	6.241	3,595,030.00
DIFFERENCE		198,629.0	0.0	0.0	198,629.0	(1.311)	(1.311)	9,037,340.47
DIFFERENCE %		344.8%	0.0%	0.0%	344.8%	-21.0%	-21.0%	251.4%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: April 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.	5,190.0	0.0	0.0	5,190.0	2.547	2.547	132,170.00
TOTAL		<u>5,190.0</u>	<u>0.0</u>	<u>0.0</u>	<u>5,190.0</u>	<u>2.547</u>	<u>2.547</u>	<u>132,170.00</u>
ACTUAL:								
AS AVAILABLE								
CARGILL RIDGEWOOD	COGEN.	9.0	0.0	0.0	9.0	1.475	1.475	132.77
CARGILL MILLPOINT	COGEN.	182.0	0.0	0.0	182.0	1.471	1.471	2,677.17
IMC-AGRICO-NEW WALES	COGEN.	1.0	0.0	0.0	1.0	1.639	1.639	16.39
IMC-AGRICO-S. PIERCE	COGEN.	4,777.0	0.0	0.0	4,777.0	1.601	1.601	76,491.10
SUB-TOTAL CURRENT MONTH		<u>4,969.0</u>	<u>0.0</u>	<u>0.0</u>	<u>4,969.0</u>	<u>1.596</u>	<u>1.596</u>	<u>79,317.43</u>
NET METERING		68.2	0.0	0.0	68.2	4.874	4.874	3,322.93
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>5,037.2</u>	<u>0.0</u>	<u>0.0</u>	<u>5,037.2</u>	<u>1.641</u>	<u>1.641</u>	<u>82,640.4</u>
CURRENT MONTH:								
DIFFERENCE		(152.8)	0.0	0.0	(152.8)	(0.906)	(0.906)	(49,529.64)
DIFFERENCE %		-2.9%	0.0%	0.0%	-2.9%	-35.6%	-35.6%	-37.5%
PERIOD TO DATE:								
ACTUAL		28,446.4	0.0	0.0	28,446.4	2.587	2.587	735,918.48
ESTIMATED		21,670.0	0.0	0.0	21,670.0	2.876	2.876	623,130.00
DIFFERENCE		6,776.4	0.0	0.0	6,776.4	(0.289)	(0.289)	112,788.48
DIFFERENCE %		31.3%	0.0%	0.0%	31.3%	-10.0%	-10.0%	18.1%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: April 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	360.0	0.0	360.0	6.433	23,160.00	225.100	810,360.00	787,200.00
TOTAL		360.0	0.0	360.0	6.433	23,160.00	225.100	810,360.00	787,200.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	24,094.0	0.0	24,094.0	5.108	1,230,721.52	5.208	1,254,815.52	24,094.00
SUB-TOTAL CURRENT MONTH		24,094.0	0.0	24,094.0	5.108	1,230,721.52	5.208	1,254,815.52	24,094.00
NO ADJUSTMENTS TO PRIOR MONTHS									
SUB-TOTAL SCHEDULE REB ECONOMY PURCHASES		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
SUB-TOTAL SCHEDULE C ECONOMY PURCHASES		0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
SUB-TOTAL SCHEDULE J ECONOMY PURCHASES		24,094.0	0.0	24,094.0	5.108	1,230,721.52	5.208	1,254,815.52	24,094.00
TOTAL		24,094.0	0.0	24,094.0	5.108	1,230,721.52	5.208	1,254,815.52	24,094.00
CURRENT MONTH:									
DIFFERENCE		23,734.0	0.0	23,734.0	(1.325)	1,207,561.52	(219.892)	444,455.52	(763,106.00)
DIFFERENCE %		6592.8%	0.0%	6592.8%	-20.6%	5214.0%	-97.7%	54.8%	-96.9%
PERIOD TO DATE:									
ACTUAL		34,369.0	0.0	34,369.0	4.779	1,642,396.52	5.287	1,817,117.77	174,721.25
ESTIMATED		1,330.0	0.0	1,330.0	10.859	144,420.00	335.880	4,467,210.00	4,322,790.00
DIFFERENCE		33,039.0	0.0	33,039.0	(6.080)	1,497,976.52	(330.593)	(2,650,092.23)	(4,148,068.75)
DIFFERENCE %		2484.1%	0.0%	2484.1%	-56.0%	1037.2%	-98.4%	-59.3%	-96.0%

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

** 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	6.3	6.7	8.0	2.1								
DEF	250.0	250.0	250.0	250.0								
FMPA	50.0	50.0	0.0	0.0								
ORLANDO UTILITIES	100.0	100.0	0.0	0.0								

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	\$ 1,512,224	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,510,061
TOTAL CAPACITY	\$ 1,874,744	\$ 1,846,548	\$ 276,545	\$ 1,512,224	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,510,061

**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