



January 25, 2024

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. 20240001-EI

Dear Mr. Teitzman:

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

In addition, attached are Tampa Electric Company's revised Schedules A-1, A-3 and A-4 for the month of October 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 January 2024 to the following:

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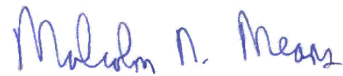
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TAMPA ELECTRIC COMPANY
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WITH MID-COURSE FILED 2/08/23

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

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	41,907,758	62,725,317	(20,817,559)	-33.2%	1,488,191	1,535,750	(47,559)	-3.1%	2.81602	4.08434	(1.26832)	-31.1%
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)	41,907,758	62,725,317	(20,817,559)	-33.2%	1,488,191	1,535,750	(47,559)	-3.1%	2.81602	4.08434	(1.26832)	-31.1%
6. Fuel Cost of Purchased Power - Firm (A7)	831,599	17,980	813,619	4525.1%	19,983	240	19,743	8226.3%	4.16153	7.49167	(3.33013)	-44.5%
7. Energy Cost of Sch. C,X Econ. Purch. (Broker) (A9)	(161,985)	310,350	(472,335)	-152.2%	590	1,080	(490)	-45.4%	(27.45508)	28.73611	(56.19120)	-195.5%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	248,336	149,440	98,896	66.2%	12,344	5,680	6,664	117.3%	2.01180	2.63099	(0.61919)	-23.5%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	917,950	477,770	440,180	92.1%	32,917	7,000	25,917	370.2%	2.78868	6.82529	(4.03661)	-59.1%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,521,108	1,542,750	(21,642)	-1.4%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	57,432	118,880	(61,448)	-51.7%	3,078	3,120	(42)	-1.3%	1.86589	3.81026	(1.94437)	-51.0%
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)	479,306	0	479,306	0.0%	27,964	0	27,964	0.0%	1.71401	0.00000	1.71401	0.0%
18. Gains on Sales	166,678	10,919	155,759	1426.5%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	703,416	129,799	573,617	441.9%	31,042	3,120	27,922	894.9%	2.26601	4.16022	(1.89421)	-45.5%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(3,809)	0	(3,809)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					2,299	0	2,299	0.0%				
22. Interchange and Wheeling Losses					2,792	0	2,792	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	42,122,292	63,073,288	(20,950,996)	-33.2%	1,485,764	1,539,630	(53,866)	-3.5%	2.83506	4.09665	(1.26159)	-30.8%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(1,334,888)	674,087	(2,008,975)	-298.0%	(47,085)	16,455	(63,540)	-386.2%	2.83506	4.09665	(1.26159)	-30.8%
25. Company Use	75,157	131,093	(55,936)	-42.7%	2,651	3,200	(549)	-17.2%	2.83504	4.09666	(1.26161)	-30.8%
26. T & D Losses	1,718,656	3,025,804	(1,307,148)	-43.2%	60,622	73,860	(13,239)	-17.9%	2.83506	4.09665	(1.26159)	-30.8%
27. System KWH Sales	42,122,292	63,073,288	(20,950,996)	-33.2%	1,469,576	1,446,115	23,461	1.6%	2.86629	4.36157	(1.49528)	-34.3%
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	42,122,292	63,073,288	(20,950,996)	-33.2%	1,469,576	1,446,115	23,461	1.6%	2.86629	4.36157	(1.49528)	-34.3%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	42,122,292	63,073,288	(20,950,996)	-33.2%	1,469,576	1,446,115	23,461	1.6%	2.86629	4.36157	(1.49528)	-34.3%
32. 2021 Optimization Mechanism Gain	401,650	401,650	0	0.0%	1,469,576	1,446,115	23,461	1.6%	0.02733	0.02777	(0.00044)	-1.6%
33. True-up *	7,221,028	7,221,028	0	0.0%	1,469,576	1,446,115	23,461	1.6%	0.49137	0.49934	(0.00797)	-1.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	49,744,970	70,695,966	(20,950,996)	-29.6%	1,469,576	1,446,115	23,461	1.6%	3.38499	4.88868	(1.50370)	-30.8%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	49,780,786	70,746,867	(20,966,081)	-29.6%	1,469,576	1,446,115	23,461	1.6%	3.38742	4.89220	(1.50478)	-30.8%
37. GPIF * (Already Adjusted for Taxes)	45,516	45,516	0	0.0%	1,469,576	1,446,115	23,461	1.6%	0.00310	0.00315	(0.00005)	-1.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	49,826,302	70,792,383	(20,966,081)	-29.6%	1,469,576	1,446,115	23,461	1.6%	3.39052	4.89535	(1.50483)	-30.7%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.391	4.895	(1.504)	-30.7%

* 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: December 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)	546,526,121	777,878,899	(231,352,779)	-29.7%	20,334,455	20,907,900	(573,445)	-2.7%	2.68769	3.72050	(1.03282)	-27.8%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments	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)	546,526,121	777,878,899	(231,352,779)	-29.7%	20,334,455	20,907,900	(573,445)	-2.7%	2.68769	3.72050	(1.03282)	-27.8%
6. Fuel Cost of Purchased Power - Firm (A7)	37,792,280	3,617,720	34,174,560	944.6%	839,656	57,900	781,756	1350.2%	4.50092	6.24822	(1.74730)	-28.0%
7. Energy Cost of Sch. C,X Econ. Purch. (Broker) (A9)	29,064,153	2,995,640	26,068,513	870.2%	754,541	30,200	724,341	2398.5%	3.85190	9.91934	(6.06744)	-61.2%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	2,217,772	1,787,820	429,952	24.0%	102,997	64,970	38,027	58.5%	2.15324	2.75176	(0.59852)	-21.8%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	69,074,205	8,401,180	60,673,025	722.2%	1,697,194	153,070	1,544,124	1008.8%	4.06991	5.48846	(1.41855)	-25.8%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					22,031,649	21,060,970	970,679	4.6%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	653,072	1,442,850	(789,778)	-54.7%	36,295	40,120	(3,825)	-9.5%	1.79934	3.59634	(1.79699)	-50.0%
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)	4,286,133	0	4,286,133	0.0%	217,720	0	217,720	0.0%	1.96864	0.00000	1.96864	0.0%
18. Gains on Sales	2,551,905	132,520	2,419,385	1825.7%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	7,491,110	1,575,370	5,915,740	375.5%	254,015	40,120	213,895	533.1%	2.94908	3.92665	(0.97756)	-24.9%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					1,434	0	1,434	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					20,425	0	20,425	0.0%				
22. Interchange and Wheeling Losses					24,902	0	24,902	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	608,109,216	784,704,709	(176,595,494)	-22.5%	21,774,591	21,020,850	753,741	3.6%	2.79275	3.73298	(0.94024)	-25.2%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(6,845,930) (a)	(1,743,611) (a)	(5,102,319)	292.6%	(127,560)	0	(127,560)	0.0%	5.36683	0.00000	5.36683	0.0%
25. Company Use	958,940 (a)	1,441,133 (a)	(482,193)	-33.5%	33,910	38,400	(4,490)	-11.7%	2.82790	3.75295	(0.92505)	-24.6%
26. T & D Losses	30,665,068 (a)	38,538,886 (a)	(7,873,818)	-20.4%	1,097,426	1,028,968	68,458	6.7%	2.79427	3.74539	(0.95112)	-25.4%
27. System KWH Sales	608,109,216	784,704,709	(176,595,494)	-22.5%	20,770,815	19,953,482	817,333	4.1%	2.92771	3.93267	(1.00496)	-25.6%
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	608,109,216	784,704,709	(176,595,494)	-22.5%	20,770,815	19,953,482	817,333	4.1%	2.92771	3.93267	(1.00496)	-25.6%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	608,109,217	784,704,709	(176,595,492)	-22.5%	20,770,815	19,953,482	817,333	4.1%	2.92771	3.93267	(1.00496)	-25.6%
32. 2021 Optimization Mechanism Gain	4,819,866	4,819,866	0	0.0%	20,770,815	19,953,482	817,333	4.1%	0.02320	0.02416	(0.00095)	-3.9%
33. True-up *	64,989,253	64,989,253	0	0.0%	20,770,815	19,953,482	817,333	4.1%	0.31289	0.32570	(0.01282)	-3.9%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	677,918,336	854,513,828	(176,595,492)	-20.7%	20,770,815	19,953,482	817,333	4.1%	3.26380	4.28253	(1.01873)	-23.8%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	678,406,437	855,129,079	(176,722,642)	-20.7%	20,770,815	19,953,482	817,333	4.1%	3.26615	4.28561	(1.01946)	-23.8%
37. GPIF * (Already Adjusted for Taxes)	546,170	546,170	0	0.0%	20,770,815	19,953,482	817,333	4.1%	0.00263	0.00274	(0.00011)	-3.9%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	678,952,607	855,675,249	(176,722,642)	-20.7%	20,770,815	19,953,482	817,333	4.1%	3.26878	4.28835	(1.01957)	-23.8%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.269	4.288	(1.019)	-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: December 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	41,907,758	62,725,317	(20,817,559)	-33.2%	546,526,121	777,878,899	(231,352,779)	-29.7%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	536,738	118,880	417,858	351.5%	4,939,205	1,442,850	3,496,355	242.3%
2a. GAINS FROM SALES	166,678	10,919	155,759	1426.5%	2,551,905	132,520	2,419,385	1825.7%
3. FUEL COST OF PURCHASED POWER	831,599	17,980	813,619	4525.1%	37,792,280	3,617,720	34,174,560	944.6%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	248,336	149,440	98,896	66.2%	2,217,772	1,787,820	429,952	24.0%
4. ENERGY COST OF ECONOMY PURCHASES	<u>(161,985)</u>	<u>310,350</u>	<u>(472,335)</u>	<u>-152.2%</u>	<u>29,064,153</u>	<u>2,995,640</u>	<u>26,068,513</u>	<u>870.2%</u>
5. TOTAL FUEL & NET POWER TRANSACTION	42,122,292	63,073,288	(20,950,996)	-33.2%	608,109,216	784,704,709	(176,595,494)	-22.5%
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>42,122,292</u>	<u>63,073,288</u>	<u>(20,950,996)</u>	<u>-33.2%</u>	<u>608,109,216</u>	<u>784,704,709</u>	<u>(176,595,494)</u>	<u>-22.5%</u>
B. MWH SALES								
1. JURISDICTIONAL SALES	1,469,576	1,446,115	23,461	1.6%	20,770,812	19,953,482	817,330	4.1%
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>1,469,576</u>	<u>1,446,115</u>	<u>23,461</u>	<u>1.6%</u>	<u>20,770,812</u>	<u>19,953,482</u>	<u>817,330</u>	<u>4.1%</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: December 2023

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	75,777,642	74,586,630	1,191,012	1.6%	1,065,078,554	1,022,995,602	42,082,952	4.1%
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%	(64,989,253)	(64,989,253)	0	0.0%
2b. GPIF PROVISION	(45,516)	(45,516)	0	0.0%	(546,170)	(546,170)	0	0.0%
2c. 2021 OPTIMIZATION MECHANISM GAIN	(401,650)	(401,650)	0	0.0%	(4,819,866)	(4,819,866)	0	0.0%
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>68,109,448</u>	<u>66,918,436</u>	<u>1,191,012</u>	<u>1.8%</u>	<u>994,723,265</u>	<u>952,640,313</u>	<u>42,082,952</u>	<u>4.4%</u>
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	42,122,292	63,073,288	(20,950,996)	-33.2%	608,109,216	784,704,709	(176,595,494)	-22.5%
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.	42,122,292	63,073,288	(20,950,996)	-33.2%	608,109,217	784,704,709	(176,595,492)	-22.5%
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)	42,122,292	63,073,288	(20,950,996)	-33.2%	608,109,217	784,704,709	(176,595,492)	-22.5%
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>42,122,292</u>	<u>63,073,288</u>	<u>(20,950,996)</u>	<u>-33.2%</u>	<u>608,109,217</u>	<u>784,704,709</u>	<u>(176,595,492)</u>	<u>-22.5%</u>
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	25,987,156	3,845,148	22,142,008	575.8%	386,614,048	167,935,604	218,678,444	130.2%
8. INTEREST PROVISION FOR THE MONTH	(438,770)	(782,357)	343,587	-43.9%	(16,049,722)	(13,423,670)	(2,626,052)	19.6%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(115,205,601)	(308,772,400)	193,566,799	-62.7%	-----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>(82,436,187)</u>	<u>(298,488,581)</u>	<u>216,052,394</u>	<u>-72.4%</u>	-----NOT APPLICABLE-----			

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	(115,205,601)	(308,772,400)	193,566,799	-62.7%				NOT APPLICABLE
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	<u>(81,997,417)</u>	<u>(297,706,224)</u>	<u>215,708,807</u>	<u>-72.5%</u>				NOT APPLICABLE
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(197,203,018)</u>	<u>(606,478,624)</u>	<u>409,275,606</u>	<u>-67.5%</u>				NOT APPLICABLE
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(98,601,509)	(303,239,312)	204,637,803	-67.5%				NOT APPLICABLE
5. INT. RATE-FIRST DAY REP. BUS. MONTH	5.340	3.100	2.240	72.3%				NOT APPLICABLE
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>5.340</u>	<u>3.100</u>	<u>2.240</u>	<u>72.3%</u>				NOT APPLICABLE
7. TOTAL (LINE D5 + LINE D6)	<u>10.680</u>	<u>6.200</u>	<u>4.480</u>	<u>72.3%</u>				NOT APPLICABLE
8. AVERAGE INT. RATE (50% OF LINE D7)	5.340	3.100	2.240	72.3%				NOT APPLICABLE
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.445	0.258	0.187	72.5%				NOT APPLICABLE
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(438,770)</u>	<u>(782,357)</u>	<u>343,587</u>	<u>-43.9%</u>				NOT APPLICABLE

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: December 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%	
2	LIGHT OIL	88,584	92,128	(3,544)	-3.8%	850,982	1,106,567	(255,585)	-23.1%
3	COAL	6,317,386	3,258,340	3,059,046	93.9%	36,407,609	32,035,495	4,372,114	13.6%
4	NATURAL GAS	35,501,788	59,374,849	(23,873,061)	-40.2%	509,267,532	744,736,837	(235,469,305)	-31.6%
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 (\$)	41,907,758	62,725,317	(20,817,559)	-33.2%	546,526,123	777,878,899	(231,352,776)	-29.7%
SYSTEM NET GENERATION (MWH)									
8	HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9	LIGHT OIL	150	300	(150)	-50.0%	2,450	3,600	(1,150)	-31.9%
10	COAL	119,184	71,690	47,494	66.2%	741,910	705,800	36,110	5.1%
11	NATURAL GAS	1,261,758	1,329,360	(67,602)	-5.1%	17,841,978	18,146,190	(304,212)	-1.7%
12	SOLAR	107,099	134,400	(27,301)	-20.3%	1,748,117	2,052,310	(304,193)	-14.8%
13	OTHER	0	0	0	0.0%	0	0	0	0.0%
14	TOTAL (MWH)	1,488,191	1,535,750	(47,559)	-3.1%	20,334,455	20,907,900	(573,445)	-2.7%
UNITS OF FUEL BURNED									
15	HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16	LIGHT OIL (BBL)	639	665	(27)	-4.0%	6,154	7,980	(1,826)	-22.9%
17	COAL (TON)	51,644	36,060	15,584	43.2%	366,761	358,250	8,511	2.4%
18	NATURAL GAS (MCF)	8,746,713	9,030,425	(283,712)	-3.1%	126,290,305	122,504,310	3,785,995	3.1%
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	3,722	3,900	(178)	-4.6%	35,869	46,800	(10,931)	-23.4%
23	COAL	1,128,215	811,330	316,885	39.1%	8,325,195	8,060,390	264,805	3.3%
24	NATURAL GAS	8,961,652	9,275,970	(314,318)	-3.4%	129,099,854	125,862,010	3,237,844	2.6%
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)	10,093,589	10,091,200	2,389	0.0%	137,460,918	133,969,200	3,491,718	2.6%
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%	-0.01%	-48.4%	0.01%	0.02%	-0.01%	-30.0%
30	COAL	8.01%	4.67%	3.34%	71.6%	3.65%	3.38%	0.27%	8.1%
31	NATURAL GAS	84.78%	86.56%	-1.78%	-2.1%	87.74%	86.79%	0.95%	1.1%
32	SOLAR	7.20%	8.75%	-1.55%	-17.8%	8.60%	9.82%	-1.22%	-12.4%
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)	138.74	138.54	0.20	0.1%	138.29	138.67	(0.38)	-0.3%
37	COAL (\$/TON)	122.33	90.36	31.97	35.4%	99.27	89.42	9.85	11.0%
38	NATURAL GAS (\$/MCF)	4.06	6.57	(2.52)	-38.3%	4.03	6.08	(2.05)	-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	23.80	23.62	0.18	0.8%	23.72	23.64	0.08	0.3%
43	COAL	5.60	4.02	1.58	39.4%	4.37	3.97	0.40	10.0%
44	NATURAL GAS	3.96	6.40	(2.44)	-38.1%	3.94	5.92	(1.97)	-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)	4.15	6.22	(2.06)	-33.2%	3.98	5.81	(1.83)	-31.5%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: December 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	24,813	13,000	11,813	90.9%	14,640	13,000	1,640	12.6%
50 COAL	9,466	11,317	(1,851)	-16.4%	11,221	11,420	(199)	-1.7%
51 NATURAL GAS	7,103	6,978	125	1.8%	7,236	6,936	300	4.3%
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)	6,782	6,571	211	3.2%	6,760	6,408	352	5.5%
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	59.06	30.71	28.35	92.3%	34.73	30.74	3.99	13.0%
57 COAL	5.30	4.55	0.75	16.5%	4.91	4.54	0.37	8.1%
58 NATURAL GAS	2.81	4.47	(1.66)	-37.1%	2.85	4.10	(1.25)	-30.5%
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)	2.82	4.08	(1.26)	-30.9%	2.69	3.72	(1.03)	-27.7%



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January 25, 2024

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. 20240001-EI

Dear Mr. Teitzman:

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

In addition, attached are Tampa Electric Company's revised Schedules A-1, A-3 and A-4 for the month of October 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 January 2024 to the following:

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ATTORNEY

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

(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)
TIA SOLAR	1.6	174.0	14.6	-	43.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	836.0	5.9	-	14.1	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	129.0	12.4	-	31.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	5,804.0	11.1	-	28.3	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	6,317.0	11.4	-	29.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	6,458.0	11.7	-	30.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	4,698.0	10.4	-	28.0	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	4,455.0	10.8	-	27.5	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	2,608.0	9.4	-	23.2	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	4,386.0	12.0	-	30.6	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.7	7,385.0	13.3	-	13.3	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	6,948.0	12.6	-	32.5	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	5,507.0	12.4	-	30.1	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	0.9	61.0	9.5	-	26.6	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(18.0)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	6,506.0	11.8	-	29.0	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	6,574.0	11.9	-	31.3	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	45.6	4,006.0	11.8	-	28.9	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	54.4	4,984.0	12.3	-	30.8	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.9	91.0	0.0	-	33.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.9	82.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLORIDA AQUARIUM SOLAR	(3) 0.0	0.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
LAUREL OAKS SOLAR	61.0	5,865.0	12.9	-	32.2	-	SOLAR	-	-	-	-	-	-
RIVERSIDE SOLAR	55.0	4,984.0	12.2	-	30.8	-	SOLAR	-	-	-	-	-	-
JUNIPER SOLAR	(3) 69.8	5,810.0	11.2	-	11.2	-	SOLAR	-	-	-	-	-	-
ALAFIA SOLAR	(3) 60.0	5,421.0	12.1	-	12.1	-	SOLAR	-	-	-	-	-	-
BIG BEND I BESS	0.0	30.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
DOVER SOLAR	(3) 25.0	1,958.0	9.1	-	10.5	-	SOLAR	-	-	-	-	-	-
LAKE MABEL SOLAR	(3) 74.5	5,040.0	10.5	-	9.1	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	1,249.5	107,099.0	11.5	-	9.5	-	SOLAR	-	-	-	-	-	-
BIG BEND 1 ST	395	130,772	42.0	58.4	52.7	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	165,656	63.6	79.3	82.7	9,536	GAS	1,541,164	1,025,000	1,579,692.7	6,255,386	3.78	4.06
BIG BEND 6 CT	330	115,976	44.5	64.9	79.7	9,602	GAS	1,086,471	1,025,000	1,113,632.7	4,409,847	3.80	4.06
BIG BEND #1 CC TOTAL	1,055	412,404	49.5	67.0	62.3	6,531	GAS	2,627,635	1,025,000	2,693,325.4	10,665,233	2.59	-
B.B.#4 (COAL)	(4) 422	119,919	38.2	99.7	64.0	-	COAL	51,644	21,846,000	1,128,214.8	6,317,386	5.27	122.33
B.B.#4 (GAS)	(5) 410	27,475	9.0	99.7	30.2	-	GAS	256,125	256,125	262,528.3	1,039,579	3.78	4.06
BIG BEND #4 TOTAL	422	147,394	46.9	99.7	62.7	9,436	-	-	-	1,390,743.1	7,356,965	4.99	-
B.B. IGNITION	(5) -	-	-	-	-	-	GAS	3,637	0	0.0	14,764	-	4.06
BIG BEND CT #4 TOTAL	56	(57)	0.0	44.3	0.0	0	GAS	0	0	0	0	0.00	0.00
BIG BEND STATION TOTAL	1,533	559,741	46.7	74.9	58.7	7,296	-	-	-	4,084,068.5	18,036,962	3.22	-
POLK #1 GASIFIER	245	(735)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	170	(1,306)	0.0	91.9	0.0	0	GAS	0	0	0	0	0.00	0.00
POLK #1 ST	50	(525)	0.0	91.9	0.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL	220	(2,566)	0.0	91.9	0.0	0	-	-	-	-	0	0.00	-
POLK #2 ST DUCT FIRING	461	3,174	0.9	-	14.8	8,400	GAS	26,012	1,025,000	26,662.0	105,578	3.33	4.06
POLK #2 ST W/O DUCT FIRING	341	152,740	60.2	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	155,914	43.7	84.7	43.7	-	GAS	-	-	26,662.0	105,578	0.07	-
POLK #2 CT (GAS)	150	82,967	61.9	100.0	75.5	11,257	GAS	1,025,000	911,153	933,932.0	3,698,254	4.46	3.61
POLK #2 CT (OIL)	159	152	0.1	100.0	56.2	24,494	LGT.OIL	639	5,829,600	3,722.3	88,584	58.28	138.74
POLK #2 TOTAL	150	83,119	62.1	100.0	75.5	11,281	-	-	-	937,654.3	3,786,838	4.56	-
POLK #3 CT (GAS)	150	97,142	72.5	100.0	76.2	11,230	GAS	1,064,284	1,025,000	1,090,891.0	4,319,792	4.45	4.06
POLK #3 CT (OIL)	159	(2)	0.0	100.0	0.0	0	LGT.OIL	0	-	-	0	0.00	0.00
POLK #3 TOTAL	150	97,140	72.5	100.0	76.2	11,230	-	-	-	1,090,891.0	4,319,792	4.45	-
POLK #4 TOTAL	150	36,790	27.5	67.1	74.9	11,182	GAS	401,364	1,025,000	411,398.0	1,629,085	4.43	4.06
POLK #5 TOTAL	150	50,471	37.7	74.0	75.6	11,097	GAS	546,409	1,025,000	560,069.0	2,217,803	4.39	4.06
POLK #2 CC TOTAL	1,061	423,434	47.4	85.0	47.4	7,148	GAS	-	-	3,026,674.3	12,059,097	2.85	-
POLK STATION TOTAL	1,281	420,868	39.8	86.1	39.8	7,192	-	-	-	3,026,674.3	12,059,097	2.87	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: December 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	91,924	0.0	100.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT1A	168	54,781	37.6	100.0	63.3	11,602	GAS	620,075	1,025,000	635,577.0	2,516,806	4.59	4.06
BAYSIDE CT1B	168	55,568	38.1	100.0	63.8	11,521	GAS	624,556	1,025,000	640,170.2	2,534,994	4.56	4.06
BAYSIDE CT1C	168	56,989	39.1	100.0	63.2	11,335	GAS	630,199	1,025,000	645,954.3	2,557,898	4.49	4.06
BAYSIDE UNIT 1 TOTAL	749	259,262	26.6	100.0	26.6	7,412	GAS	1,874,831	1,025,000	1,921,701.5	7,609,698	2.94	4.06
BAYSIDE ST 2	305	47,148	20.1	100.0	48.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	24,112	17.7	100.0	72.3	11,044	GAS	259,793	1,025,000	266,288.1	1,054,468	4.37	4.06
BAYSIDE CT2B	156	20,317	14.9	100.0	71.6	11,445	GAS	226,847	1,025,000	232,518.3	920,743	4.53	4.06
BAYSIDE CT2C	156	32,626	24.0	100.0	71.0	11,371	GAS	361,939	1,025,000	370,987.5	1,469,064	4.50	4.06
BAYSIDE CT2D	156	16,051	11.8	100.0	73.5	11,215	GAS	175,621	1,025,000	180,011.7	712,824	4.44	4.06
BAYSIDE UNIT 2 TOTAL	929	140,254	18.0	100.0	43.2	7,485	GAS	1,024,201	1,025,000	1,049,805.6	4,157,099	2.96	4.06
BAYSIDE UNIT 3 TOTAL	56	52	0.1	66.4	32.2	13,155	GAS	665	1,025,000	682.1	2,701	5.21	4.06
BAYSIDE UNIT 4 TOTAL	56	194	0.4	100.0	74.7	11,648	GAS	2,202	1,025,000	2,256.8	8,937	4.61	4.06
BAYSIDE UNIT 5 TOTAL	56	611	1.4	100.0	78.8	11,603	GAS	6,920	1,025,000	7,092.7	28,086	4.59	4.06
BAYSIDE UNIT 6 TOTAL	56	109	0.2	100.0	52.7	11,979	GAS	1,276	1,025,000	1,307.6	5,178	4.74	4.06
BAYSIDE STATION TOTAL	1,902	400,482	19.4	99.0	19.4	7,448	GAS	2,910,094	1,025,000	2,982,846.3	11,811,699	2.95	4.06
SYSTEM	5,965	1,488,191	33.5	87.7	35.0	6,782	-	-	-	10,093,589.1	41,907,758	2.82	-

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) Test Energy

(4) Consists of fixed costs

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

SCHEDULE A5
PAGE 1 OF 2

	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%	4,583	7,980	(3,397)	-42.6%
17 UNIT COST (\$/BBL)	0.00	135.22	(135.22)	-100.0%	(13.67)	137.96	(151.63)	-109.9%
18 AMOUNT (\$)	0	89,920	(89,920)	-100.0%	(62,635)	1,100,930	(1,163,565)	-105.7%
19 BURNED:								
20 UNITS (BBL)	639	665	(27)	-4.0%	6,154	7,980	(1,826)	-22.9%
21 UNIT COST (\$/BBL)	138.74	138.54	0.20	0.1%	138.29	138.67	(0.38)	-0.3%
22 AMOUNT (\$)	88,584	92,128	(3,544)	-3.4%	850,982	1,106,567	(255,585)	-23.1%
23 ENDING INVENTORY:								
24 UNITS (BBL)	36,877	38,446	(1,569)	-4.1%	36,877	38,446	(1,569)	-4.1%
25 UNIT COST (\$/BBL)	138.73	138.50	0.23	0.2%	138.73	138.50	0.23	0.2%
26 AMOUNT (\$)	5,116,110	5,324,945	(208,835)	-3.9%	5,116,110	5,324,945	(208,835)	-3.9%
27								
28 DAYS SUPPLY: NORMAL	1,691	1,763	(72)	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	5	5	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	(1,833)	41,500	(43,333)	-104.4%	481,618	505,000	(23,382)	-4.6%
32 UNIT COST (\$/TON)	(1,438.32)	91.52	(1,529.84)	-1671.6%	105.84	91.92	13.92	15.1%
33 AMOUNT (\$)	2,636,436	3,798,125	(1,161,689)	-30.6%	50,976,311	46,419,209	4,557,102	9.8%
34 BURNED:								
35 UNITS (TONS)	* 51,644	36,060	15,584	43.2%	366,761	358,250	8,511	2.4%
36 UNIT COST (\$/TON)	122.33	90.36	31.97	35.4%	99.27	89.42	9.85	11.0%
37 AMOUNT (\$)	* 6,317,386	3,258,340	3,059,046	93.9%	36,407,609	32,035,495	4,372,114	13.6%
38 ENDING INVENTORY:								
39 UNITS (TONS)	268,899	299,814	(30,915)	-10.3%	268,899	299,814	(30,915)	-10.3%
40 UNIT COST (\$/TON)	110.29	95.75	14.54	15.2%	110.29	95.75	14.54	15.2%
41 AMOUNT (\$)	29,657,087	28,707,918	949,169	3.3%	29,657,087	28,707,918	949,169	3.3%
42								
43 DAYS SUPPLY:	395	440	(45)	-10.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	8,764,741	9,030,425	(265,684)	-2.9%	126,191,097	123,698,965	2,492,132	2.0%
46 UNIT COST (\$/MCF)	4.04	6.64	(2.61)	-39.2%	4.02	6.06	(2.04)	-33.7%
47 AMOUNT (\$)	35,379,809	59,991,488	(24,611,679)	-41.0%	507,038,842	749,737,970	(242,699,128)	-32.4%
48 BURNED:								
49 UNITS (MCF)	8,746,713	9,030,425	(283,712)	-3.1%	126,290,305	122,504,310	3,785,995	3.1%
50 UNIT COST (\$/MCF)	4.06	6.57	(2.52)	-38.3%	4.03	6.08	(2.05)	-33.7%
51 AMOUNT (\$)	35,501,788	59,374,849	(23,873,061)	-40.2%	509,267,532	744,736,837	(235,469,305)	-31.6%
52 ENDING INVENTORY:								
53 UNITS (MCF)	262,553	1,556,420	(1,293,867)	-83.1%	262,553	1,556,420	(1,293,867)	-83.1%
54 UNIT COST (\$/MCF)	2.66	5.09	(2.44)	-47.8%	2.66	5.09	(2.44)	-47.8%
55 AMOUNT (\$)	697,539	7,927,360	(7,229,821)	-91.2%	697,539	7,927,360	(7,229,821)	-91.2%
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: December 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%	-	-	-	-
¹³¹ 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			
¹⁴² RECONCILIATION - COAL								
DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:								
	UNITS		DOLLARS					
FUEL ANALYSIS	0				(36,832)			
NON-INV EXPENSE	0				84,700			
AERIAL SURVEY ADJ					0			
ADDITIVES								
TOTAL	0				47,868			
¹⁴³ 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: December 2023

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	
					CENTS/KWH					
SOLD TO	TYPE &	TOTAL MWH SOLD	MWH WHEELED OTHER SYSTEM	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	TOTAL \$ FOR TOTAL COST (5)X(6B)	GAINS ON MARKET BASED SALES	
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	3,120.0	0.0	3,120.0	3.810	4.160	118,880.00	129,799.00	10,919.00
VARIOUS	JURISD.	MKT.BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			3,120.0	0.0	3,120.0	3.810	4.160	118,880.00	129,799.00	10,919.00
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	3,115.0	37.5	3,077.6	1.866	2.053	57,432.12	63,175.33	4,016.35
REEDY CREEK		SCH. - MA	1,320.0	0.0	1,320.0	1.566	2.339	20,666.40	30,877.39	9,292.19
DUKE ENERGY FLORIDA		SCH. - MA	2,385.0	0.0	2,385.0	1.684	2.018	40,171.63	48,122.39	5,422.66
ORLANDO UTILITIES COMMISSION		SCH. - MA	1,250.0	0.0	1,250.0	1.715	3.065	21,432.00	38,314.66	15,670.66
DUKE ENERGY CAROLINAS		SCH. - MA	990.0	0.0	990.0	1.569	2.002	15,534.45	19,818.41	3,234.56
CONSTELLATION ENERGY GENERATION		SCH. - MA	1,983.0	0.0	1,983.0	1.957	2.414	38,807.31	47,862.30	6,397.77
TENNESSEE VALLEY AUTHORITY		SCH. - MA	597.0	0.0	597.0	1.763	2.195	10,522.87	13,104.16	1,948.47
SOUTHERN COMPANY		SCH. - MA	2,932.0	0.0	2,932.0	1.804	2.266	52,892.94	66,448.05	10,447.19
THE ENERGY AUTHORITY		SCH. - MA	13,275.0	0.0	13,275.0	1.715	2.377	227,637.30	315,528.83	73,820.03
RAINBOW ENERGY		SCH. - MA	3,232.0	0.0	3,232.0	1.598	2.763	51,640.53	89,292.77	36,428.44
SUB-TOTAL CURRENT MONTH			31,079.0	37.5	31,041.6	1.729	2.360	536,737.55	732,544.29	166,678.32
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			3,115.0	37.5	3,077.6	1.866	2.053	57,432.12	63,175.33	4,016.35
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.			27,964.0	0.0	27,964.0	1.714	2.394	479,305.43	669,368.96	162,661.97
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			31,079.0	37.5	31,041.6	1.729	2.360	536,737.55	732,544.29	166,678.32
CURRENT MONTH:										
DIFFERENCE			27,959.0	37.5	27,921.6	(2.081)	(1.800)	417,857.55	602,745.29	155,759.32
DIFFERENCE %			896.1%	0.0%	894.9%	-54.6%	-43.3%	351.5%	464.4%	1426.5%
PERIOD TO DATE:										
ACTUAL			200,857.0	37.5	200,819.6	1.964	3.169	3,944,008.03	6,364,393.89	2,135,152.90
ESTIMATED			40,120.0	0.0	40,120.0	3.596	3.927	1,442,850.00	1,575,370.00	132,520.00
DIFFERENCE			160,737.0	37.5	160,699.6	(1.632)	(0.758)	2,501,158.03	4,789,023.89	2,002,632.90
DIFFERENCE %			400.6%	0.0%	400.5%	-45.4%	-19.3%	173.3%	304.0%	1511.2%

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

(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		240.0	0.0	0.0	240.0	7.492	7.492	17,980.00
TOTAL		240.0	0.0	0.0	240.0	7.492	7.492	17,980.00
ACTUAL:								
MACQUARIE ENERGY LLC	SCH. - J	200.0	0.0	0.0	200.0	6.500	6.500	13,000.00
DUKE ENERGY FLORIDA	SCH. - J	18,610.0	0.0	0.0	18,610.0	4.136	4.136	769,781.80
DUKE ENERGY FLORIDA	OATT	1,173.0	0.0	0.0	1,173.0	2.293	2.293	26,891.74
SUB-TOTAL CURRENT MONTH		19,983.0	0.0	0.0	19,983.0	4.052	4.052	809,673.54
ADJUSTMENTS TO PRIOR MONTHS:								
DUKE ENERGY FLORIDA	October 2023 SCH. - J	(24,094.0)	0.0	0.0	(24,094.0)	3.940	3.940	(949,303.60)
DUKE ENERGY FLORIDA	October 2023 SCH. - J	24,094.0	0.0	0.0	24,094.0	4.031	4.031	971,229.14
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.0	0.000	0.000	21,925.54
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		18,810.0	0.0	0.0	18,810.0	4.278	4.278	804,707.3
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,173.0	0.0	0.0	1,173.0	2.293	2.293	26,891.7
TOTAL		19,983.0	0.0	0.0	19,983.0	4.162	4.162	831,599.08
CURRENT MONTH:								
DIFFERENCE		19,743.0	0.0	0.0	19,743.0	(3.330)	(3.330)	813,619.08
DIFFERENCE %		8226.3%	0.0%	0.0%	8226.3%	-44.4%	-44.4%	4525.1%
PERIOD TO DATE:								
ACTUAL		841,306.0	0.0	1,650.0	839,656.0	4.501	4.501	37,792,280.87
ESTIMATED		57,900.0	0.0	0.0	57,900.0	6.248	6.248	3,617,720.00
DIFFERENCE		783,406.0	0.0	1,650.0	781,756.0	(1.747)	(1.747)	34,174,560.87
DIFFERENCE %		1353.0%	0.0%	0.0%	1350.2%	-28.0%	-28.0%	944.6%

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

(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 (A) FUEL COST (B) TOTAL COST		TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
ESTIMATED:								
VARIOUS	COGEN.							
	AS AVAIL.	5,680.0	0.0	0.0	5,680.0	2.631	2.631	149,440.00
TOTAL		<u>5,680.0</u>	<u>0.0</u>	<u>0.0</u>	<u>5,680.0</u>	<u>2.631</u>	<u>2.631</u>	<u>149,440.00</u>
ACTUAL:								
	AS AVAILABLE							
CARGILL MILLPOINT	COGEN.	213.0	0.0	0.0	213.0	1.968	1.968	4,191.59
IMC-AGRICO-NEW WALES	COGEN.	24.0	0.0	0.0	24.0	1.933	1.933	463.85
IMC-AGRICO-S. PIERCE	COGEN.	12,051.0	0.0	0.0	12,051.0	2.000	2.000	240,961.68
SUB-TOTAL CURRENT MONTH		<u>12,288.0</u>	<u>0.0</u>	<u>0.0</u>	<u>12,288.0</u>	<u>1.999</u>	<u>1.999</u>	<u>245,617.12</u>
NET METERING		55.9	0.0	0.0	55.9	4.868	4.868	2,719.16
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL CURRENT MONTH		<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.0</u>	<u>0.00</u>
TOTAL INCL NET METERING		<u>12,343.9</u>	<u>0.0</u>	<u>0.0</u>	<u>12,343.9</u>	<u>2.012</u>	<u>2.012</u>	<u>248,336.3</u>
CURRENT MONTH:								
DIFFERENCE		6,663.9	0.0	0.0	6,663.9	(0.619)	(0.619)	98,896.28
DIFFERENCE %		117.3%	0.0%	0.0%	117.3%	-23.5%	-23.5%	66.2%
PERIOD TO DATE:								
ACTUAL		102,995.6	0.0	0.0	102,995.6	2.153	2.153	2,217,772.93
ESTIMATED		64,970.0	0.0	0.0	64,970.0	2.752	2.752	1,787,820.00
DIFFERENCE		38,025.6	0.0	0.0	38,025.6	(0.598)	(0.598)	429,952.93
DIFFERENCE %		58.5%	0.0%	0.0%	58.5%	-21.7%	-21.7%	24.0%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: December 2023

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							(A)	(B)	
	TYPE &	TOTAL MWH	MWH FOR INTERRUPTIBLE	MWH FOR	TRANSACTION COSTS	TOTAL \$ FOR FUEL ADJUSTMENT	CENTS PER KWH	TOTAL COST	FUEL SAVINGS
ESTIMATED:									
VARIOUS	Economy	1,080.0	0.0	1,080.0	28.736	310,350.00	153.414	1,656,870.00	1,346,520.00
TOTAL		1,080.0	0.0	1,080.0	28.736	310,350.00	153.414	1,656,870.00	1,346,520.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	550.0	0.0	550.0	1.757	9,662.27	1.814	9,975.52	313.25
DUKE ENERGY CAROLINAS	SCH. - J	21.0	0.0	21.0	2.009	421.83	2.097	440.43	18.60
THE ENERGY AUTHORITY	SCH. - J	19.0	0.0	19.0	2.401	456.11	2.691	511.24	55.13
SUB-TOTAL CURRENT MONTH		590.0	0.0	590.0	1.786	10,540.21	1.852	10,927.19	386.98
ADJUSTMENTS TO PRIOR MONTHS:									
DUKE ENERGY FLORIDA	October 2023 SCH. - J	(27,759.0)	0.0	(27,759.0)	3.929	(1,090,621.61)	5.694	(1,580,543.50)	(489,921.89)
DUKE ENERGY FLORIDA	October 2023 SCH. - J	27,759.0	0.0	27,759.0	4.019	1,115,679.37	5.784	1,605,601.26	489,921.89
DUKE ENERGY FLORIDA	November 202 SCH. - J	(35,794.0)	0.0	(35,794.0)	4.583	(1,640,439.02)	5.427	(1,942,390.48)	(301,951.46)
DUKE ENERGY FLORIDA	November 202 SCH. - J	35,794.0	0.0	35,794.0	4.031	1,442,856.14	4.875	1,744,807.60	301,951.46
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.000	(172,525.12)	0.000	(172,525.12)	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		590.0	0.0	590.0	(27.455)	(161,984.91)	(27.389)	(161,597.93)	386.98
TOTAL		590.0	0.0	590.0	(27.455)	(161,984.91)	(27.389)	(161,597.93)	386.98
CURRENT MONTH:									
DIFFERENCE		(490.0)	0.0	(490.0)	(56.191)	(472,334.91)	(180.803)	(1,818,467.93)	(1,346,133.02)
DIFFERENCE %		-45.4%	0.0%	-45.4%	-195.5%	-152.2%	-117.9%	-109.8%	-100.0%
PERIOD TO DATE:									
ACTUAL		754,541.0	0.0	754,541.0	3.852	29,064,152.82	4.748	35,822,705.66	6,758,552.84
ESTIMATED		30,200.0	0.0	30,200.0	9.919	2,995,640.00	96.781	29,227,790.00	26,232,150.00
DIFFERENCE		724,341.0	0.0	724,341.0	(6.067)	26,068,512.82	(92.033)	6,594,915.66	(19,473,597.16)
DIFFERENCE %		2398.5%	0.0%	2398.5%	-61.2%	870.2%	-95.1%	22.6%	-74.2%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: December 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	6.9	7.8	8.0	
DEF	250.0	250.0	250.0	250.0	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	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	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	200.0	0.0	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	\$ 1,512,152	\$ 304,777	\$ 153,501	\$ (155,617)	\$ 176,197	\$ 162,190	\$ 43,431	\$ 159,557	\$ 1,182,003	\$ 7,536,028
TOTAL CAPACITY	\$ 1,874,744	\$ 1,846,548	\$ 276,545	\$ 1,512,152	\$ 304,777	\$ 153,501	\$ (155,617)	\$ 176,197	\$ 162,190	\$ 43,431	\$ 159,557	\$ 1,182,003	\$ 7,536,028

**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

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: October 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)	45,927,015	68,331,257	(22,404,242)	-32.8%	1,629,644	1,849,020	(219,376)	-11.9%	2.81822	3.69554	(0.87732)	-23.7%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments	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)	45,927,015	68,331,257	(22,404,242)	-32.8%	1,629,644	1,849,020	(219,376)	-11.9%	2.81822	3.69554	(0.87732)	-23.7%
6. Fuel Cost of Purchased Power - Firm (A7)	1,719,128	0	1,719,128	0.0%	41,439	0	41,439	0.0%	4.14858	0.00000	4.14858	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	4,351,054	640,700	3,710,354	579.1%	103,976	8,360	95,616	1143.7%	4.18467	7.66388	(3.47920)	-45.4%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	243,234	141,890	101,344	71.4%	11,119	5,580	5,539	99.3%	2.18755	2.54283	(0.35528)	-14.0%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	6,313,416	782,590	5,530,826	706.7%	156,534	13,940	142,594	1022.9%	4.03326	5.61399	(1.58073)	-28.2%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,786,178	1,862,960	(76,782)	-4.1%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	59,250	123,590	(64,340)	-52.1%	3,149	3,240	(91)	-2.8%	1.88155	3.81451	(1.93296)	-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)	365,100	0	365,100	0.0%	19,327	0	19,327	0.0%	1.88907	0.00000	1.88907	0.0%
18. Gains on Sales	79,030	11,351	67,679	596.2%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	503,380	134,941	368,439	273.0%	22,476	3,240	19,236	593.7%	2.23963	4.16485	(1.92521)	-46.2%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					5,805	0	5,805	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					1,956	0	1,956	0.0%				
22. Interchange and Wheeling Losses					2,313	0	2,313	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	51,737,051	68,978,906	(17,241,855)	-25.0%	1,769,150	1,859,720	(90,570)	-4.9%	2.92440	3.70910	(0.78470)	-21.2%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(4,276,645)	(3,196,693)	(1,079,952)	33.8%	(146,240)	(86,185)	(60,055)	69.7%	2.92440	3.70910	(0.78470)	-21.2%
25. Company Use	81,708	118,691	(36,983)	-31.2%	2,794	3,200	(406)	-12.7%	2.92441	3.70909	(0.78468)	-21.2%
26. T & D Losses	1,894,806	3,591,155	(1,696,349)	-47.2%	64,793	96,820	(32,027)	-33.1%	2.92440	3.70910	(0.78470)	-21.2%
27. System KWH Sales	51,737,051	68,978,906	(17,241,855)	-25.0%	1,847,803	1,845,885	1,918	0.1%	2.79992	3.73690	(0.93698)	-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	51,737,051	68,978,906	(17,241,855)	-25.0%	1,847,803	1,845,885	1,918	0.1%	2.79992	3.73690	(0.93698)	-25.1%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	51,737,051	68,978,906	(17,241,855)	-25.0%	1,847,803	1,845,885	1,918	0.1%	2.79992	3.73690	(0.93698)	-25.1%
32. 2021 Optimization Mechanism Gain	401,656	401,656	0	0.0%	1,847,803	1,845,885	1,918	0.1%	0.02174	0.02176	(0.00002)	-0.1%
33. True-up *	7,221,028	7,221,028	0	0.0%	1,847,803	1,845,885	1,918	0.1%	0.39079	0.39120	(0.00041)	-0.1%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	59,359,735	76,601,590	(17,241,855)	-22.5%	1,847,803	1,845,885	1,918	0.1%	3.21245	4.14986	(0.93741)	-22.6%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	59,402,474	76,656,743	(17,254,269)	-22.5%	1,847,803	1,845,885	1,918	0.1%	3.21476	4.15285	(0.93809)	-22.6%
37. GPIF * (Already Adjusted for Taxes)	45,514	45,514	0	0.0%	1,847,803	1,845,885	1,918	0.1%	0.00246	0.00247	(0.00000)	-0.1%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	59,447,988	76,702,257	(17,254,269)	-22.5%	1,847,803	1,845,885	1,918	0.1%	3.21722	4.15532	(0.93809)	-22.6%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.217	4.155	(0.938)	-22.6%

* 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: October 2023

	\$				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	463,236,680	659,822,154	(196,585,474)	-29.8%	17,404,646	17,913,580	(508,934)	-2.8%	2.66157	3.68336	(1.02179)	-27.7%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments	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)	463,236,680	659,822,154	(196,585,474)	-29.8%	17,404,646	17,913,580	(508,934)	-2.8%	2.66157	3.68336	(1.02179)	-27.7%
6. Fuel Cost of Purchased Power - Firm (A7)	35,197,448	3,599,740	31,597,708	877.8%	785,767	57,660	728,107	1262.8%	4.47937	6.24305	(1.76367)	-28.3%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	27,619,476	2,358,810	25,260,666	1070.9%	718,157	24,190	693,967	2868.8%	3.84588	9.75118	(5.90530)	-60.6%
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)	1,763,722	1,508,310	255,412	16.9%	79,516	54,370	25,146	46.2%	2.21807	2.77416	(0.55609)	-20.0%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	64,580,646	7,466,860	57,113,786	764.9%	1,583,440	136,220	1,447,220	1062.4%	4.07850	5.48147	(1.40297)	-25.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					18,988,086	18,049,800	938,286	5.2%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	546,883	1,189,820	(642,937)	-54.0%	30,427	33,240	(2,813)	-8.5%	1.79736	3.57948	(1.78212)	-49.8%
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)	3,322,455	0	3,322,455	0.0%	161,161	0	161,161	0.0%	2.06158	0.00000	2.06158	0.0%
18. Gains on Sales	2,214,951	109,280	2,105,671	1926.9%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	6,084,289	1,299,100	4,785,189	368.3%	191,588	33,240	158,348	476.4%	3.17572	3.90824	(0.73253)	-18.7%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					6,591	0	6,591	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					16,977	0	16,977	0.0%				
22. Interchange and Wheeling Losses					20,338	0	20,338	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	521,733,037	665,989,914	(144,256,877)	-21.7%	18,799,728	18,016,560	783,168	4.3%	2.77522	3.69654	(0.92133)	-24.9%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(2,276,711) (a)	4,515,288 (a)	(6,791,999)	-150.4%	28,357	166,043	(137,686)	-82.9%	(8.02874)	2.71934	(10.74809)	-395.2%
25. Company Use	808,357 (a)	1,188,474 (a)	(380,117)	-32.0%	28,721	32,000	(3,279)	-10.2%	2.81452	3.71398	(0.89947)	-24.2%
26. T & D Losses	26,826,798 (a)	31,967,684 (a)	(5,140,886)	-16.1%	965,481	861,782	103,700	12.0%	2.77859	3.70949	(0.93089)	-25.1%
27. System KWH Sales	521,733,037	665,989,914	(144,256,877)	-21.7%	17,777,169	16,956,735	820,434	4.8%	2.93485	3.92758	(0.99273)	-25.3%
28. Wholesale KWH Sales	(1)	0	(1)	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	521,733,036	665,989,914	(144,256,878)	-21.7%	17,777,169	16,956,735	820,434	4.8%	2.93485	3.92758	(0.99273)	-25.3%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	521,733,038	665,989,914	(144,256,876)	-21.7%	17,777,169	16,956,735	820,434	4.8%	2.93485	3.92758	(0.99273)	-25.3%
32. 2021 Optimization Mechanism Gain	4,016,560	4,016,560	0	0.0%	17,777,169	16,956,735	820,434	4.8%	0.02259	0.02369	(0.00109)	-4.6%
33. True-up *	50,547,197	50,547,197	0	0.0%	17,777,169	16,956,735	820,434	4.8%	0.28434	0.29810	(0.01376)	-4.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	576,296,795	720,553,671	(144,256,876)	-20.0%	17,777,169	16,956,735	820,434	4.8%	3.24178	4.24937	(1.00759)	-23.7%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	576,711,729	721,072,471	(144,360,742)	-20.0%	17,777,169	16,956,735	820,434	4.8%	3.24411	4.25243	(1.00832)	-23.7%
37. GPIF * (Already Adjusted for Taxes)	455,140	455,140	0	0.0%	17,777,169	16,956,735	820,434	4.8%	0.00256	0.00268	(0.00012)	-4.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	577,166,869	721,527,611	(144,360,742)	-20.0%	17,777,169	16,956,735	820,434	4.8%	3.24667	4.25511	(1.00844)	-23.7%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.247	4.255	(1.008)	-23.7%

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

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	85,834	92,196	(6,362)	-6.9%	621,704	922,273	(300,569)	-32.6%
3 COAL	5,652,752	7,201,120	(1,548,368)	-21.5%	24,858,284	25,951,208	(1,092,924)	-4.2%
4 NATURAL GAS	40,188,429	61,037,941	(20,849,512)	-34.2%	437,756,694	632,948,673	(195,191,979)	-30.8%
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 (\$)	45,927,015	68,331,257	(22,404,242)	-32.8%	463,236,682	659,822,154	(196,585,472)	-29.8%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	221	300	(79)	-26.3%	1,868	3,000	(1,132)	-37.7%
10 COAL	61,816	157,980	(96,164)	-60.9%	504,757	572,740	(67,983)	-11.9%
11 NATURAL GAS	1,435,189	1,520,540	(85,351)	-5.6%	15,370,980	15,551,240	(180,260)	-1.2%
12 SOLAR	132,418	170,200	(37,782)	-22.2%	1,527,040	1,786,600	(259,560)	-14.5%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,629,644	1,849,020	(219,376)	-11.9%	17,404,646	17,913,580	(508,934)	-2.8%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	619	665	(46)	-7.0%	4,501	6,650	(2,149)	-32.3%
17 COAL (TON)	60,919	80,120	(19,201)	-24.0%	259,499	290,840	(31,341)	-10.8%
18 NATURAL GAS (MCF)	9,647,694	10,151,895	(504,201)	-5.0%	109,069,096	105,002,190	4,066,906	3.9%
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	3,607	3,900	(293)	-7.5%	26,235	39,000	(12,765)	-32.7%
23 COAL	1,481,585	1,802,620	(321,035)	-17.8%	5,977,453	6,543,770	(566,317)	-8.7%
24 NATURAL GAS	9,955,125	10,434,010	(478,885)	-4.6%	111,483,168	107,882,300	3,600,868	3.3%
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)	11,440,317	12,240,530	(800,213)	-6.5%	117,486,856	114,465,070	3,021,786	2.6%
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%	-16.4%	0.01%	0.02%	-0.01%	-35.9%
30 COAL	3.79%	8.54%	-4.75%	-55.6%	2.90%	3.20%	-0.30%	-9.3%
31 NATURAL GAS	88.07%	82.23%	5.83%	7.1%	88.32%	86.81%	1.50%	1.7%
32 SOLAR	8.13%	9.20%	-1.08%	-11.7%	8.77%	9.97%	-1.20%	-12.0%
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	138.64	0.09	0.1%	138.13	138.69	(0.56)	-0.4%
37 COAL (\$/TON)	92.79	89.88	2.91	3.2%	95.79	89.23	6.56	7.4%
38 NATURAL GAS (\$/MCF)	4.17	6.01	(1.85)	-30.7%	4.01	6.03	(2.01)	-33.4%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	23.80	23.64	0.16	0.7%	23.70	23.65	0.05	0.2%
43 COAL	3.82	3.99	(0.18)	-4.5%	4.16	3.97	0.19	4.9%
44 NATURAL GAS	4.04	5.85	(1.81)	-31.0%	3.93	5.87	(1.94)	-33.1%
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)	4.01	5.58	(1.57)	-28.1%	3.94	5.76	(1.82)	-31.6%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: October 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	16,321	13,000	3,321	25.5%	14,043	13,000	1,043	8.0%	
50 COAL	23,968	11,410	12,558	110.1%	11,842	11,425	417	3.6%	
51 NATURAL GAS	6,936	6,862	74	1.1%	7,253	6,937	316	4.6%	
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)	7,020	6,620	400	6.0%	6,750	6,390	360	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	38.84	30.73	8.11	26.4%	33.28	30.74	2.54	8.3%	
57 COAL	9.14	4.56	4.58	100.4%	4.92	4.53	0.39	8.6%	
58 NATURAL GAS	2.80	4.01	(1.21)	-30.2%	2.85	4.07	(1.22)	-30.0%	
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)	2.82	3.70	(0.88)	-23.8%	2.66	3.68	(1.02)	-27.7%	

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

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(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	256	21.5	-	53.2	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	946	6.8	-	14.3	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	199	19.1	-	42.2	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	9,172	17.6	-	38.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	9,045	16.4	-	36.5	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	8,558	15.5	-	34.3	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	7,491	16.5	-	36.8	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	6,887	16.8	-	37.1	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	4,419	15.9	-	34.4	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	6,471	17.6	-	40.1	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.7	9,590	16.7	-	18.4	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	9,938	18.0	-	40.0	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	9,012	20.3	-	44.1	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3) 0.9	98	15.3	-	32.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	10,871	19.7	-	42.8	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	10,073	18.2	-	42.8	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	45.6	4,742	13.9	-	29.1	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	54.4	7,967	19.7	-	42.6	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.9	158	0.0	-	50.7	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.9	127	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLORIDA AQUARIUM SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
LAUREL OAKS SOLAR	61.0	8,509	18.7	-	41.4	-	SOLAR	-	-	-	-	-	-
RIVERSIDE SOLAR	55.0	7,334	17.9	-	39.2	-	SOLAR	-	-	-	-	-	-
JUNIPER SOLAR	(3) 0.0	(24)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
ALAFIA SOLAR	(3) 0.0	533	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND I BESS	0.0	53	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
DOVER SOLAR	(3) 0.0	(7)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	1,020.2	132,418	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 1 ST	395	205,548	69.9	97.5	70.9	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	330	212,094	86.4	100.0	88.9	9,470	GAS	1,946,155	1,032,000	2,008,432.0	8,106,902	3.82	4.17
BIG BEND 6 CT	330	216,195	88.1	99.1	88.8	9,452	GAS	1,980,063	1,032,000	2,043,424.5	8,248,147	3.82	4.17
BIG BEND #1 CC TOTAL	1,055	633,837	80.8	98.8	81.5	6,393	GAS	3,926,218	1,032,000	4,051,856.5	16,355,049	2.58	-
B.B.#4 (COAL)	(4) 422	63,406	20.2	34.0	52.4	-	COAL	60,919	23,420,891	1,481,585.1	5,652,752	8.92	92.79
B.B.#4 (GAS)	(5) 410	21,602	7.1	34.0	24.2	-	GAS	236,561	236,561	244,131.4	985,420	4.56	4.17
BIG BEND #4 TOTAL	422	85,008	27.1	34.0	48.5	11,160	-	-	-	1,725,716.5	6,638,172	7.81	-
B.B. IGNITION	(5) -	-	-	-	-	-	GAS	1,255	0	0.0	5,227	-	4.17
BIG BEND CT #4 TOTAL	56	51	0.1	70.2	33.5	42,765	GAS	2,113	0	2,181.0	8,803	17.26	4.17
BIG BEND STATION TOTAL	1,533	718,896	76.7	97.4	77.4	6,959	-	-	-	5,779,754.0	23,007,252	3.20	-
POLK #1 GASIFIER	245	(1,590)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	170	(342)	0.0	99.4	0.0	0	GAS	0	0	-	0	0.00	0.00
POLK #1 ST	50	(586)	0.0	99.4	0.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL	220	(2,518)	0.0	99.4	0.0	0	-	-	-	-	0	0.00	-
POLK #2 ST DUCT FIRING	461	5,647	1.6	-	5.7	8,400	GAS	45,963	1,032,000	47,433.7	191,463	3.39	4.17
POLK #2 ST W/O DUCT FIRING	341	180,874	71.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	186,520	54.4	97.8	54.4	-	GAS	-	-	47,433.7	191,463	0.10	-
POLK #2 CT (GAS)	150	90,016	80.7	100.0	86.5	11,053	GAS	1,032,000	964,072	994,922.6	4,015,939	4.46	3.89
POLK #2 CT (OIL)	159	162	0.1	100.0	58.4	15,936	LGT.OIL	442	5,829,600	2,574.2	61,265	37.82	138.73
POLK #2 TOTAL	150	90,177	80.8	100.0	86.5	11,061	-	-	-	997,496.8	4,077,204	4.52	-
POLK #3 CT (GAS)	150	81,217	72.8	97.0	87.3	11,313	GAS	890,333	1,032,000	918,823.3	3,708,769	4.57	4.17
POLK #3 CT (OIL)	159	59	0.1	97.0	30.7	17,424	LGT.OIL	177	5,829,600	1,032.5	24,570	41.64	138.73
POLK #3 TOTAL	150	81,276	72.8	97.0	87.3	11,318	-	-	-	919,855.8	3,733,339	4.59	-
POLK #4 TOTAL	150	66,129	59.3	97.8	86.6	11,222	GAS	719,112	1,032,000	742,123.1	2,995,530	4.53	4.17
POLK #5 TOTAL	150	74,378	66.7	100.0	86.8	11,151	GAS	803,667	1,032,000	829,384.3	3,347,755	4.50	4.17
POLK #2 CC TOTAL	1,061	498,480	63.2	98.3	63.2	7,094	GAS	-	-	3,536,293.7	14,345,291	2.88	-
POLK STATION TOTAL	1,281	495,963	52.0	98.5	52.0	7,130	-	-	-	3,536,293.7	14,345,291	2.89	-

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

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(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	103,618	56.9	100.0	56.9	-		-	-	-	-	-	-
BAYSIDE CT1A	168	43,889	35.1	100.0	67.6	12,115	GAS	515,233	1,032,000	531,720.4	2,146,254	4.89	4.17
BAYSIDE CT1B	168	81,053	64.9	100.0	69.4	11,880	GAS	933,037	1,032,000	962,893.8	3,886,657	4.80	4.17
BAYSIDE CT1C	168	51,315	41.1	97.8	68.8	11,733	GAS	583,407	1,032,000	602,076.2	2,430,241	4.74	4.17
BAYSIDE UNIT 1 TOTAL	749	279,875	50.2	99.5	50.2	7,492	GAS	2,031,677	1,032,000	2,096,690.4	8,463,151	3.02	4.17
BAYSIDE ST 2	305	-	0.0	0.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT2A	156	-	0.0	0.0	0.0	0	GAS	14	1,032,000	14.9	60	0.00	4.17
BAYSIDE CT2B	156	-	0.0	0.0	0.0	0	GAS	14	1,032,000	14.9	60	0.00	4.17
BAYSIDE CT2C	156	-	0.0	0.0	0.0	0	GAS	14	1,032,000	14.9	60	0.00	4.17
BAYSIDE CT2D	156	-	0.0	0.0	0.0	0	GAS	14	1,032,000	14.9	60	0.00	4.17
BAYSIDE UNIT 2 TOTAL	929	-	0.0	0.0	0.0	0	GAS	58	1,032,000	59.6	240	0.00	4.17
BAYSIDE UNIT 3 TOTAL	56	140	0.3	91.8	60.5	10,879	GAS	1,471	1,032,000	1,517.8	6,126	4.38	4.17
BAYSIDE UNIT 4 TOTAL	56	643	1.5	91.7	87.6	11,019	GAS	6,863	1,032,000	7,082.5	28,588	4.45	4.17
BAYSIDE UNIT 5 TOTAL	56	1,205	2.9	100.0	86.4	11,097	GAS	12,953	1,032,000	13,367.9	53,959	4.48	4.17
BAYSIDE UNIT 6 TOTAL	56	505	1.2	100.0	80.3	10,990	GAS	5,379	1,032,000	5,551.3	22,408	4.44	4.17
BAYSIDE STATION TOTAL	1,902	282,367	20.0	50.5	20.0	7,523	GAS	2,058,401	1,032,000	2,124,269.5	8,574,472	3.04	4.17
SYSTEM	5,736	1,629,644	0.0	0.0	0.0	0	-	-	-	11,440,317.2	45,927,015	2.82	-

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⁾ 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