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June 27, 2022

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. 20220001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of May 2022.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/ne

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 27th day of June, 2022 to the following:

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ATTORNEY



TAMPA ELECTRIC COMPANY

TABLE OF CONTENTS

WITH MID-COURSE FILED 1/19/22

1. Schedule A1 - A9 & A12	May 2022	16 Pages
2. List of Acronyms		1 Page

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	103,252,157	57,887,552	45,364,605	78.4%	1,815,027	1,845,000	(29,973)	-1.6%	5.68874	3.13754	2.55120	81.3%
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)	103,252,157	57,887,552	45,364,605	78.4%	1,815,027	1,845,000	(29,973)	-1.6%	5.68874	3.13754	2.55120	81.3%
6. Fuel Cost of Purchased Power - Firm (A7)	1,220,512	0	1,220,512	0.0%	15,504	0	15,504	0.0%	7.87224	0.00000	7.87224	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	12,584,572	201,540	12,383,032	6144.2%	214,987	3,180	211,807	6660.6%	5.85364	6.33774	(0.48409)	-7.6%
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)	523,622	130,060	393,562	302.6%	10,918	5,550	5,368	96.7%	4.79595	2.34342	2.45253	104.7%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	14,328,706	331,600	13,997,106	4221.1%	241,409	8,730	232,679	2665.3%	5.93545	3.79840	2.13705	56.3%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					2,056,436	1,853,730	202,706	10.9%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	159,679	101,370	58,309	57.5%	3,462	2,880	582	20.2%	4.61233	3.51979	1.09254	31.0%
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)	4,031,132	0	4,031,132	0.0%	57,706	0	57,706	0.0%	6.98564	0.00000	6.98564	0.0%
18. Gains on Sales	1,923,537	0	1,923,537	0.0%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	6,114,348	101,370	6,012,978	5931.7%	61,168	2,880	58,288	2023.9%	9.99599	3.51979	6.47620	184.0%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					(430)	0	(430)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					1,398	0	1,398	0.0%				
22. Interchange and Wheeling Losses					2,612	0	2,612	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	111,466,515	58,117,782	53,348,733	91.8%	1,993,624	1,850,850	142,774	7.7%	5.59115	3.14006	2.45109	78.1%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	11,308,493	5,039,116	6,269,377	124.4%	202,257	160,478	41,779	26.0%	5.59115	3.14006	2.45109	78.1%
25. Company Use	167,399	94,202	73,197	77.7%	2,994	3,000	(6)	-0.2%	5.59115	3.14007	2.45108	78.1%
26. T & D Losses	5,078,610	2,757,714	2,320,896	84.2%	90,833	87,824	3,009	3.4%	5.59115	3.14006	2.45109	78.1%
27. System KWH Sales	111,466,515	58,117,782	53,348,733	91.8%	1,697,540	1,599,548	97,992	6.1%	6.56636	3.63339	2.93297	80.7%
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	111,466,515	58,117,782	53,348,733	91.8%	1,697,540	1,599,548	97,992	6.1%	6.56636	3.63339	2.93297	80.7%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	111,466,515	58,117,782	53,348,733	91.8%	1,697,540	1,599,548	97,992	6.1%	6.56636	3.63339	2.93297	80.7%
32. 2019 Optimization Mechanism Gain	107,102	107,102	0	0.0%	1,697,540	1,599,548	97,992	6.1%	0.00631	0.00670	(0.00039)	-5.8%
33. True-up *	10,811,510	10,811,510	0	0.0%	1,697,540	1,599,548	97,992	6.1%	0.63689	0.67591	(0.03902)	-5.8%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	122,385,127	69,036,394	53,348,733	77.3%	1,697,540	1,599,548	97,992	6.1%	7.20956	4.31599	2.89356	67.0%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	122,473,244	69,086,100	53,387,144	77.3%	1,697,540	1,599,548	97,992	6.1%	7.21475	4.31910	2.89565	67.0%
37. GPIF * (Already Adjusted for Taxes)	306,144	306,144	0	0.0%	1,697,540	1,599,548	97,992	6.1%	0.01803	0.01914	(0.00110)	-5.8%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	122,779,388	69,392,244	53,387,144	76.9%	1,697,540	1,599,548	97,992	6.1%	7.23278	4.33824	2.89455	66.7%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									7.233	4.338	2.895	66.7%

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

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH: May 2022

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	368,695,580	247,602,674	121,092,906	48.9%	8,044,258	7,783,410	260,848	3.4%	4.58334	3.18116	1.40218	44.1%
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	(2,126,361)	0	(2,126,361)	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)	366,569,219	247,602,674	118,966,545	48.0%	8,044,258	7,783,410	260,848	3.4%	4.55691	3.18116	1.37575	43.2%
6. Fuel Cost of Purchased Power - Firm (A7)	4,527,565	0	4,527,565	0.0%	79,499	0	79,499	0.0%	5.69512	0.00000	5.69512	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	14,499,342	447,700	14,051,642	3138.6%	252,120	7,130	244,990	3436.0%	5.75097	6.27910	(0.52813)	-8.4%
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)	1,166,739	724,620	442,119	61.0%	31,216	28,460	2,756	9.7%	3.73763	2.54610	1.19153	46.8%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	20,193,646	1,172,320	19,021,326	1622.5%	362,835	35,590	327,245	919.5%	5.56552	3.29396	2.27156	69.0%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					8,407,093	7,819,000	588,093	7.5%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	650,407	458,820	191,587	41.8%	18,612	14,530	4,082	28.1%	3.49456	3.15774	0.33681	10.7%
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)	7,445,484	0	7,445,484	0.0%	150,541	0	150,541	0.0%	4.94582	0.00000	4.94582	0.0%
18. Gains on Sales	3,286,856	18,208	3,268,648	17951.7%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
19. TOTAL FUEL COST AND GAINS OF POWER SALES	11,382,747	477,028	10,905,719	2286.2%	169,153	14,530	154,623	1064.2%	6.72926	3.28306	3.44621	105.0%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					80	0	80	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					4,479	0	4,479	0.0%				
22. Interchange and Wheeling Losses					7,848	0	7,848	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	375,380,118	248,297,966	127,082,152	51.2%	8,234,651	7,804,470	430,181	5.5%	4.55854	3.18148	1.37706	43.3%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	12,424,882 (a)	5,594,610 (a)	6,830,272	122.1%	245,022	186,357	58,665	31.5%	5.07093	3.00209	2.06883	68.9%
25. Company Use	682,171 (a)	477,745 (a)	204,426	42.8%	15,093	15,000	93	0.6%	4.51978	3.18497	1.33482	41.9%
26. T & D Losses	17,804,939 (a)	11,779,957 (a)	6,024,982	51.1%	388,903	370,248	18,655	5.0%	4.57825	3.18164	1.39661	43.9%
27. System KWH Sales	375,380,118	248,297,966	127,082,152	51.2%	7,585,633	7,232,865	352,768	4.9%	4.94857	3.43291	1.51565	44.2%
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	375,380,118	248,297,966	127,082,152	51.2%	7,585,633	7,232,865	352,768	4.9%	4.94857	3.43291	1.51565	44.2%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	375,380,118	248,297,966	127,082,152	51.2%	7,585,633	7,232,865	352,768	4.9%	4.94857	3.43291	1.51565	44.2%
32. 2019 Optimization Mechanism Gain	535,510	535,510	0	0.0%	7,585,633	7,232,865	352,768	4.9%	0.00706	0.00740	(0.00034)	-4.7%
33. True-up *	21,704,374	21,704,374	0	0.0%	7,585,633	7,232,865	352,768	4.9%	0.28612	0.30008	(0.01396)	-4.7%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	397,620,002	270,537,850	127,082,152	47.0%	7,585,633	7,232,865	352,768	4.9%	5.24175	3.74040	1.50135	40.1%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	397,906,287	270,732,637	127,173,650	47.0%	7,585,633	7,232,865	352,768	4.9%	5.24553	3.74309	1.50244	40.1%
37. GPIF * (Already Adjusted for Taxes)	1,530,720	1,530,720	0	0.0%	7,585,633	7,232,865	352,768	4.9%	0.02018	0.02116	(0.00098)	-4.7%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	399,437,007	272,263,357	127,173,650	46.7%	7,585,633	7,232,865	352,768	4.9%	5.26571	3.76425	1.50146	39.9%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									5.266	3.764	1.502	39.9%

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

	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	103,252,157	57,887,552	45,364,605	78.4%	368,695,580	247,602,674	121,092,906	48.9%	
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%	
2. FUEL COST OF POWER SOLD	4,190,811	101,370	4,089,441	4034.2%	8,095,891	458,820	7,637,071	1664.5%	
2a. GAINS FROM SALES	1,923,537	0	1,923,537	0.0%	3,286,856	18,208	3,268,648	17951.7%	
3. FUEL COST OF PURCHASED POWER	1,220,512	0	1,220,512	0.0%	4,527,565	0	4,527,565	0.0%	
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%	
3b. PAYMENT TO QUALIFIED FACILITIES	523,622	130,060	393,562	302.6%	1,166,739	724,620	442,119	61.0%	
4. ENERGY COST OF ECONOMY PURCHASES	<u>12,584,572</u>	<u>201,540</u>	<u>12,383,032</u>	<u>6144.2%</u>	<u>14,499,342</u>	<u>447,700</u>	<u>14,051,642</u>	<u>3138.6%</u>	
5. TOTAL FUEL & NET POWER TRANSACTION	111,466,515	58,117,782	53,348,733	91.8%	377,506,479	248,297,966	129,208,513	52.0%	
6. ADJUSTMENT - FGT REFUND	0	0	0	0.0%	(2,126,361)	0	(2,126,361)	0.0%	
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	<u>111,466,515</u>	<u>58,117,782</u>	<u>53,348,733</u>	<u>91.8%</u>	<u>375,380,118</u>	<u>248,297,966</u>	<u>127,082,152</u>	<u>51.2%</u>	
B. MWH SALES									
1. JURISDICTIONAL SALES	1,697,540	1,599,548	97,992	6.1%	7,585,436	7,232,975	352,461	4.9%	
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>1,697,540</u>	<u>1,599,548</u>	<u>97,992</u>	<u>6.1%</u>	<u>7,585,436</u>	<u>7,232,975</u>	<u>352,461</u>	<u>4.9%</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: May 2022

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	69,421,049	65,473,915	3,947,134	6.0%	261,957,607	249,771,898	12,185,709	4.9%
2. JURISDICTIONAL FUEL REVENUE CREDIT	0	0	0	0.0%	0	0	0	0.0%
2a. TRUE-UP PROVISION	(10,811,510)	(10,811,510)	0	0.0%	(21,704,374)	(21,704,374)	0	0.0%
2b. GPIF PROVISION	(306,144)	(306,144)	0	0.0%	(1,530,720)	(1,530,720)	0	0.0%
2c. 2020 OPTIMIZATION MECHANISM GAIN	<u>(107,102)</u>	<u>(107,102)</u>	<u>0</u>	<u>0.0%</u>	<u>(535,510)</u>	<u>(535,510)</u>	<u>0</u>	<u>0.0%</u>
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>58,196,293</u>	<u>54,249,159</u>	<u>3,947,134</u>	<u>7.3%</u>	<u>238,187,003</u>	<u>226,001,294</u>	<u>12,185,709</u>	<u>5.4%</u>
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	111,466,515	58,117,782	53,348,733	91.8%	375,380,118	248,297,966	127,082,152	51.2%
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.	111,466,515	58,117,782	53,348,733	91.8%	375,380,118	248,297,966	127,082,152	51.2%
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)	111,466,515	58,117,782	53,348,733	91.8%	375,380,118	248,297,966	127,082,152	51.2%
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>111,466,515</u>	<u>58,117,782</u>	<u>53,348,733</u>	<u>91.8%</u>	<u>375,380,118</u>	<u>248,297,966</u>	<u>127,082,152</u>	<u>51.2%</u>
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	(53,270,222)	(3,868,623)	(49,401,599)	1277.0%	(137,193,115)	(22,296,672)	(114,896,443)	515.3%
8. INTEREST PROVISION FOR THE MONTH	(129,920)	(28,331)	(101,589)	358.6%	(263,185)	(67,258)	(195,927)	291.3%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(145,334,760)	(89,323,104)	(56,011,656)	62.7%	NOT APPLICABLE			
10. TRUE-UP COLLECTED (REFUNDED)	<u>10,811,510</u>	<u>10,811,510</u>	<u>0</u>	<u>0.0%</u>	NOT APPLICABLE			
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	<u>(187,923,392)</u>	<u>(82,408,548)</u>	<u>(105,514,844)</u>	<u>128.0%</u>	NOT APPLICABLE			

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	(145,334,760)	(89,323,104)	(56,011,656)	62.7%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	(187,793,472)	(82,380,217)	(105,413,255)	128.0%	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(333,128,232)</u>	<u>(171,703,321)</u>	<u>(161,424,911)</u>	<u>94.0%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(166,564,116)	(85,851,661)	(80,712,455)	94.0%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	0.760	0.390	0.370	94.9%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>1.120</u>	<u>0.390</u>	<u>0.730</u>	<u>187.2%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>1.880</u>	<u>0.780</u>	<u>1.100</u>	<u>141.0%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	0.940	0.390	0.550	141.0%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.078	0.033	0.045	136.4%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(129,920)</u>	<u>(28,331)</u>	<u>(101,589)</u>	<u>358.6%</u>	NOT APPLICABLE			

5

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

	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	21,473	88,191	(66,718)	-75.7%	2,227,368	366,892	1,860,476	507.1%
3 COAL	4,542,253	4,805,669	(263,416)	-5.5%	20,452,825	20,181,148	271,677	1.3%
4 NATURAL GAS	98,688,431	52,993,692	45,694,739	86.2%	343,889,025	226,972,570	116,916,455	51.5%
5 SOLAR	0	0	0	0.0%	0	0	0	0.0%
6 OTHER	0	0	0	0.0%	0	0	0	0.0%
7 TOTAL (\$)	103,252,157	57,887,552	45,364,605	78.4%	366,569,218	247,520,610	119,048,608	48.1%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	42	300	(258)	-86.0%	5,435	1,500	3,935	262.3%
10 COAL	137,984	136,370	1,614	1.2%	625,698	589,660	36,038	6.1%
11 NATURAL GAS	1,497,065	1,468,080	28,985	2.0%	6,772,489	6,289,020	483,469	7.7%
12 SOLAR	179,936	240,250	(60,314)	-25.1%	640,636	903,230	(262,594)	-29.1%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,815,027	1,845,000	(29,973)	-1.6%	8,044,258	7,783,410	260,848	3.4%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	129	665	(536)	-80.6%	16,397	3,325	13,072	393.1%
17 COAL (TON)	69,693	72,990	(3,297)	-4.5%	296,657	316,010	(19,353)	-6.1%
18 NATURAL GAS (MCF)	10,974,677	10,533,895	440,782	4.2%	50,210,418	45,181,475	5,028,943	11.1%
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	754	3,900	(3,146)	-80.7%	95,584	19,500	76,084	390.2%
23 COAL	1,551,141	1,642,320	(91,179)	-5.6%	6,693,947	7,110,310	(416,363)	-5.9%
24 NATURAL GAS	11,420,573	10,826,640	593,933	5.5%	51,442,153	46,415,990	5,026,163	10.8%
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)	12,972,468	12,472,860	499,608	4.0%	58,231,684	53,545,800	4,685,884	8.8%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.00%	0.02%	-0.01%	-85.8%	0.07%	0.02%	0.05%	250.6%
30 COAL	7.60%	7.39%	0.21%	2.9%	7.78%	7.58%	0.20%	2.7%
31 NATURAL GAS	82.48%	79.57%	2.91%	3.7%	84.19%	80.80%	3.39%	4.2%
32 SOLAR	9.91%	13.02%	-3.11%	-23.9%	7.96%	11.60%	-3.64%	-31.4%
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)	166.46	132.62	33.84	25.5%	135.84	110.34	25.50	23.1%
37 COAL (\$/TON)	65.18	65.84	(0.66)	-1.0%	68.94	63.86	5.08	8.0%
38 NATURAL GAS (\$/MCF)	8.99	5.03	3.96	78.7%	6.85	5.02	1.83	36.3%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	28.48	22.61	5.87	25.9%	23.30	18.81	4.49	23.9%
43 COAL	2.93	2.93	0.00	0.1%	3.06	2.84	0.22	7.6%
44 NATURAL GAS	8.64	4.89	3.75	76.5%	6.68	4.89	1.80	36.7%
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)	7.96	4.64	3.32	71.5%	6.30	4.62	1.67	36.2%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

	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	17,952	13,000	4,952	38.1%	17,587	13,000	4,587	35.3%
50 COAL	11,241	12,043	(802)	-6.7%	10,698	12,058	(1,360)	-11.3%
51 NATURAL GAS	7,629	7,375	254	3.4%	7,596	7,380	216	2.9%
52 SOLAR	0	0	0	0.0%	0	0	0	0.0%
53 OTHER	0	0	0	0.0%	0	0	0	0.0%
54 TOTAL (BTU/KWH)	7,147	6,760	387	5.7%	7,239	6,879	360	5.2%
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	51.13	29.40	21.73	73.9%	40.98	24.46	16.52	67.5%
57 COAL	3.29	3.52	(0.23)	-6.5%	3.27	3.42	(0.15)	-4.4%
58 NATURAL GAS	6.59	3.61	2.98	82.5%	5.08	3.61	1.47	40.7%
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)	5.69	3.14	2.55	81.2%	4.56	3.18	1.38	43.4%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

SCHEDULE A4
PAGE 1 OF 2

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
TIA SOLAR	1.6	323	27.1	-	55.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.3	4,167	29.0	-	51.9	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	277	24.8	-	48.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	15,355	29.4	-	57.3	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	15,742	28.5	-	54.8	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	17,641	31.9	-	60.9	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.8	13,939	30.8	-	59.9	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	54.8	12,340	30.3	-	58.6	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	7,188	25.8	-	47.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.4	11,215	30.5	-	58.8	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.4	14,858	26.8	-	50.2	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	11,096	20.1	-	39.2	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	10,432	23.4	-	43.5	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3) 0.0	125	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(8)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	14,711	26.6	-	47.7	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	(3) 0.0	11,382	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	24.9	7,620	41.1	-	73.6	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	(3) 0.0	11,481	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.0	52	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.0	0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	751.1	179,936	32.2	-	50.2	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	(3) 330	26,471	10.8	54.9	66.5	9,508	GAS	241,553	241,553	251,697.9	2,172,133	8.21	8.99
BIG BEND 6 CT	(3) 330	33,422	13.6	63.7	67.2	9,538	GAS	305,930	305,930	318,779.3	2,751,040	8.23	8.99
BIG BEND #1 CC TOTAL	660	59,893	12.2	59.3	60.3	9,525	GAS	547,483	0	570,477.3	4,923,173	8.22	-
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)	395	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
B.B.#3 (GAS)	345	36,091	14.1	80.8	35.6	-	GAS	429,816	429,816	447,868.5	3,865,070	10.71	8.99
BIG BEND #3 TOTAL	345	36,091	14.1	80.8	35.6	12,409	-	-	-	447,868.5	3,865,070	10.71	-
B.B.#4 (COAL)	(4) 422	139,156	44.3	91.1	46.8	-	COAL	69,693	66,625	1,551,140.9	4,542,253	3.26	65.18
B.B.#4 (GAS)	410	21,961	7.2	91.1	15.0	-	GAS	228,008	228,008	237,584.5	2,050,335	9.34	8.99
BIG BEND #4 TOTAL	422	161,117	51.3	91.1	52.0	10,683	-	-	-	1,788,725.4	6,592,588	4.09	-
B.B. IGNITION	-	-	-	-	-	-	GAS	14,434	0	0.0	129,800	-	8.99
BIG BEND CT #4 TOTAL	56	(9)	0.0	98.9	0.0	0	GAS	982	0	1,023.2	8,830	(98.11)	8.99
BIG BEND STATION TOTAL	1,483	257,092	23.3	74.8	23.6	10,660	-	-	-	2,808,094.4	15,519,461	6.04	-
POLK #1 GASIFIER	220	(1,172)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	152	73,201	64.7	96.6	66.2	12,119	GAS	851,364	851,364	887,121.0	7,655,783	7.50	8.99
POLK #1 ST	50	28,868	77.6	96.5	79.5	-	-	-	-	-	-	-	-
POLK #1 TOTAL	202	100,897	67.1	96.6	69.5	8,792	-	-	-	887,121.0	7,655,783	7.59	-
POLK #2 ST DUCT FIRING	461	0	0.0	-	0.0	0	GAS	102,473	102,473	106,777.0	921,477	0.00	8.99
POLK #2 ST W/O DUCT FIRING	341	184,148	72.6	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	184,148	53.7	78.6	0.0	-	GAS	-	-	106,777.0	921,477	0.50	-
POLK #2 CT (GAS)	150	63,579	57.0	69.0	91.1	11,156	GAS	680,692	680,692	709,281.0	6,121,038	9.63	8.99
POLK #2 CT (OIL)	159	18	0.0	69.0	25.0	19,354	LGT.OIL	63	63	367.7	10,475	58.19	166.06
POLK #2 TOTAL	150	63,597	57.0	69.0	91.1	11,159	-	-	-	709,648.7	6,131,513	9.64	-
POLK #3 CT (GAS)	150	77,974	69.9	82.1	92.6	11,065	GAS	827,981	827,981	862,756.0	7,445,515	9.55	8.99
POLK #3 CT (OIL)	159	24	0.0	82.1	33.8	16,087	LGT.OIL	66	66	386.1	10,998	45.83	166.06
POLK #3 TOTAL	150	77,998	69.9	82.1	92.6	11,066	-	-	-	863,142.1	7,456,513	9.56	-
POLK #4 TOTAL	150	77,034	69.0	98.9	93.5	10,891	GAS	805,130	805,130	838,945.0	7,240,028	9.40	8.99
POLK #5 TOTAL	150	80,155	71.8	98.4	92.9	10,889	GAS	837,605	837,605	872,784.0	7,532,056	9.40	8.99
POLK #2 CC TOTAL	1,061	482,932	61.2	83.4	77.9	7,022	GAS	-	-	3,391,296.8	29,281,587	6.06	-
POLK STATION TOTAL	1,263	583,829	62.1	85.5	64.3	7,328	-	-	-	4,278,417.8	36,937,370	6.33	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

SCHEDULE A4
PAGE 2 OF 2

(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	121,134	69.9	98.8	70.7	-		-	-	-	-	-	-
BAYSIDE CT1A	156	71,677	61.8	100.0	78.1	11,670	GAS	802,725	802,725	836,439.9	7,218,410	10.07	8.99
BAYSIDE CT1B	156	69,368	59.8	100.0	78.4	11,661	GAS	776,295	776,295	808,899.2	6,980,736	10.06	8.99
BAYSIDE CT1C	156	77,428	66.7	100.0	77.6	11,390	GAS	846,334	846,334	881,880.1	7,610,553	9.83	8.99
BAYSIDE UNIT 1 TOTAL	701	339,607	65.1	99.6	65.9	7,442	GAS	2,425,354	2,425,354	2,527,219.2	21,809,699	6.42	8.99
BAYSIDE ST 2	305	159,145	70.1	96.7	72.5	-		-	-	-	-	-	-
BAYSIDE CT2A	156	73,093	63.0	96.7	81.5	11,169	GAS	783,472	783,472	816,378.0	7,045,277	9.64	8.99
BAYSIDE CT2B	156	72,313	62.3	97.0	80.5	11,372	GAS	789,191	789,191	822,336.5	7,096,698	9.81	8.99
BAYSIDE CT2C	156	74,058	63.8	96.7	80.7	11,474	GAS	815,515	815,515	849,767.0	7,333,422	9.90	8.99
BAYSIDE CT2D	156	73,328	63.2	96.7	80.9	11,464	GAS	806,768	806,768	840,651.9	7,254,758	9.89	8.99
BAYSIDE UNIT 2 TOTAL	929	451,937	65.4	96.8	67.6	7,366	GAS	3,194,946	3,194,946	3,329,133.4	28,730,155	6.36	8.99
BAYSIDE UNIT 3 TOTAL	56	1,074	2.6	100.0	65.6	10,996	GAS	11,330	11,330	11,805.6	101,881	9.49	8.99
BAYSIDE UNIT 4 TOTAL	56	659	1.6	100.0	55.0	11,328	GAS	7,161	7,161	7,461.6	64,393	9.77	8.99
BAYSIDE UNIT 5 TOTAL	56	558	1.3	100.0	45.6	11,749	GAS	6,292	6,292	6,556.7	56,584	10.14	8.99
BAYSIDE UNIT 6 TOTAL	56	335	0.8	100.0	71.0	11,292	GAS	3,627	3,627	3,779.0	32,612	9.73	8.99
BAYSIDE STATION TOTAL	1,854	794,170	57.6	98.2	58.3	7,411	GAS	5,648,710	5,648,710	5,885,955.5	50,795,324	6.40	8.99
SYSTEM	5,351	1,815,027	45.6	87.2	48.8	7,110	-	-	-	12,972,467.7	103,252,157	5.69	-

LEGEND:
B.B. = BIG BEND
CT = COMBUSTION TURBINE

Footnotes:
CC = COMBINED CYCLE
ST = STEAM TURBINE
⁽¹⁾ As burned fuel cost system total includes ignition
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition
⁽³⁾ Test Energy

⁽⁴⁾ Consists of fixed costs and Coal adjustment details on schedule A5 page 2

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022**

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)	1,771	665	1,106	166.3%	12,943	3,325	9,618	289.3%
17 UNIT COST (\$/BBL)	184.66	111.36	73.30	65.8%	150.54	106.09	44.45	41.9%
18 AMOUNT (\$)	327,038	74,054	252,984	341.6%	1,948,437	352,755	1,595,682	452.3%
19 BURNED:								
20 UNITS (BBL)	129	665	(536)	-80.6%	16,397	3,325	13,072	393.1%
21 UNIT COST (\$/BBL)	166.46	132.62	33.84	25.5%	135.84	110.34	25.50	23.1%
22 AMOUNT (\$)	21,473	88,191	(66,718)	-75.7%	2,227,368	366,892	1,860,476	507.1%
23 ENDING INVENTORY:								
24 UNITS (BBL)	40,780	44,234	(3,454)	-7.8%	40,780	44,234	(3,454)	-7.8%
25 UNIT COST (\$/BBL)	138.65	132.58	6.07	4.6%	138.65	132.58	6.07	4.6%
26 AMOUNT (\$)	5,654,133	5,864,692	(210,559)	-3.6%	5,654,133	5,864,692	(210,559)	-3.6%
27								
28 DAYS SUPPLY: NORMAL	1,865	2,022,730	(2,020,865)	-100.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	33,646	66,500	(32,854)	-49.4%	307,317	325,000	(17,683)	-5.4%
32 UNIT COST (\$/TON)	66.23	67.50	(1.27)	-1.9%	65.30	64.96	0.34	0.5%
33 AMOUNT (\$)	2,228,482	4,488,730	(2,260,248)	-50.4%	20,069,264	21,111,958	(1,042,694)	-4.9%
34 BURNED:								
35 UNITS (TONS)	* 69,693	72,990	(3,297)	-4.5%	296,657	316,010	(19,353)	-6.1%
36 UNIT COST (\$/TON)	65.18	65.84	(0.66)	-1.0%	68.94	63.86	5.08	8.0%
37 AMOUNT (\$)	* 4,542,253	4,805,669	(263,416)	-5.5%	20,452,825	20,181,148	271,677	1.3%
38 ENDING INVENTORY:								
39 UNITS (TONS)	118,650	231,198	(112,548)	-48.7%	118,650	231,198	(112,548)	-48.7%
40 UNIT COST (\$/TON)	65.85	63.84	2.01	3.1%	65.85	63.84	2.01	3.1%
41 AMOUNT (\$)	7,813,258	14,760,042	(6,946,784)	-47.1%	7,813,258	14,760,042	(6,946,784)	-47.1%
42								
43 DAYS SUPPLY:	48	94	(46)	-50.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	11,022,444	10,533,895	488,549	4.6%	50,213,776	45,181,476	5,032,300	11.1%
46 UNIT COST (\$/MCF)	9.00	5.03	3.97	78.9%	6.86	5.02	1.84	36.6%
47 AMOUNT (\$)	99,225,806	53,002,492	46,223,314	87.2%	344,317,808	226,859,850	117,457,958	51.8%
48 BURNED:								
49 UNITS (MCF)	10,974,677	10,533,895	440,782	4.2%	50,210,418	45,181,475	5,028,943	11.1%
50 UNIT COST (\$/MCF)	8.99	5.03	3.96	78.7%	6.85	5.02	1.83	36.3%
51 AMOUNT (\$)	98,688,431	52,993,692	45,694,739	86.2%	343,889,025	226,972,570	116,916,455	51.5%
52 ENDING INVENTORY:								
53 UNITS (MCF)	407,387	389,105	18,282	4.7%	407,387	389,105	18,282	4.7%
54 UNIT COST (\$/MCF)	5.86	3.67	2.18	59.4%	5.86	3.67	2.18	59.4%
55 AMOUNT (\$)	2,385,437	1,429,360	956,077	66.9%	2,385,437	1,429,360	956,077	66.9%
56								
57 DAYS SUPPLY:	1	1	0	0.0%	-	-	-	-
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: May 2022

	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 April 2022 adjustment to BB4
for coal consumption of 3,068 tons and
\$193,422.59.

⁽¹⁾ RECONCILIATION - LIGHT OIL

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

	UNITS	DOLLARS
OIL REPLACEMENT	0	0
BB GYPSUM	0	0
BB COAL FIELD	0	0
BB OTHER PLANT	0	0
PK OTHER PLANT	0	0
TOTAL	0	0

⁽²⁾ RECONCILIATION - COAL

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
FUEL ANALYSIS		23,515
NON-INV EXPENSE		51,425
BIG BEND #2 IGNITION		0
POLK NG IGNITION		0
AERIAL SURVEY ADJ	0	0
ADDITIVES		0
TOTAL	0	74,940

⁽³⁾ RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

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

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)	
SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH WHEELED OTHER SYSTEM	MWH FROM OWN GENERATION	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	TOTAL \$ FOR TOTAL COST (5)X(6B)	GAINS ON MARKET BASED SALES	
					(A) FUEL COST	(B) TOTAL COST				
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	2,880.0	0.0	2,880.0	3.520	3.520	101,370.00	101,370.00	0.00
VARIOUS	JURISD.	MKT.BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			2,880.0	0.0	2,880.0	3.520	3.520	101,370.00	101,370.00	0.00
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	3,462.0	0.0	3,462.0	4.612	5.074	159,679.23	175,647.15	14,668.32
DUKE ENERGY FLORIDA		SCH. - MA	35,042.0	0.0	35,042.0	7.086	11.328	2,482,926.40	3,969,518.08	1,414,661.98
ORLANDO UTILITIES COMMISSION		SCH. - MA	3,400.0	0.0	3,400.0	5.821	8.994	197,918.10	305,794.62	100,138.02
THE ENERGY AUTHORITY		SCH. - MA	15,559.0	0.0	15,559.0	7.166	9.065	1,114,967.78	1,410,425.00	267,326.19
CONSTELLATION ENERGY GENERATION		SCH. - MA	245.0	0.0	245.0	5.211	9.022	12,767.95	22,105.02	8,697.62
FLORIDA POWER & LIGHT		SCH. - MA	200.0	0.0	200.0	7.003	14.175	14,006.00	28,349.38	13,877.38
DUKE ENERGY FLORIDA		SCH. - MB	2,340.0	0.0	2,340.0	6.839	10.350	160,032.60	242,190.00	82,157.40
REEDY CREEK		SCH. - MA	320.0	0.0	320.0	4.518	5.680	14,457.60	18,177.43	2,641.43
SOUTHERN COMPANY		SCH. - MA	400.0	0.0	400.0	6.336	10.619	25,343.00	42,477.95	16,159.95
EDF TRADING		SCH. - MA	200.0	0.0	200.0	4.356	5.764	8,712.00	11,527.39	2,293.39
SUB-TOTAL CURRENT MONTH			61,168.0	0.0	61,168.0	6.851	10.179	4,190,810.66	6,226,212.02	1,922,621.68
ADJUSTMENTS TO PRIOR MONTHS:										
EXGEN	January 2022	SCH. - MA	(30,670.0)	0.0	(30,670.0)	3.110	4.900	(953,821.54)	(1,502,945.86)	(477,730.80)
EXGEN	January 2022	SCH. - MA	30,670.0	0.0	30,670.0	3.110	4.903	953,821.54	1,503,861.18	478,646.1
SUB-TOTAL CURRENT MONTH			0.0	0.0	0.0	0.000	0.000	0.00	915.32	915.32
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			3,462.0	0.0	3,462.0	4.612	5.074	159,679.23	175,647.15	14,668.32
SUB-TOTAL SCHEDULE C POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE CB POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE MA/MB POWER SALES-JURISD.			57,706.0	0.0	57,706.0	6.986	10.487	4,031,131.43	6,051,480.19	1,908,868.68
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			61,168.0	0.0	61,168.0	6.851	10.180	4,190,810.66	6,227,127.34	1,923,537.00
CURRENT MONTH:										
DIFFERENCE			58,288.0	0.0	58,288.0	3.331	6.660	4,089,440.66	6,125,757.34	1,923,537.00
DIFFERENCE %			2023.9%	0.0%	2023.9%	94.6%	189.2%	4034.2%	6043.0%	0.0%
PERIOD TO DATE:										
ACTUAL			169,153.0	0.0	169,153.0	4.786	6.933	8,095,890.07	11,726,532.76	3,286,855.41
ESTIMATED			14,530.0	0.0	14,530.0	3.158	3.283	458,820.00	477,028.00	18,208.00
DIFFERENCE			154,623.0	0.0	154,623.0	1.628	3.650	7,637,070.07	11,249,504.76	3,268,647.41
DIFFERENCE %			1064.2%	0.0%	1064.2%	51.6%	111.2%	1664.5%	2358.2%	17951.7%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022**

(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	300.0	0.0	0.0	300.0	15.200	15.200	45,600.00
CONSTELLATION ENERGY GENERATION	SCH. - J	680.0	0.0	0.0	680.0	10.118	10.118	68,800.00
ORLANDO UTIL. COMM.	SCH. - J	300.0	0.0	0.0	300.0	14.750	14.750	44,250.00
FLA. POWER & LIGHT	SCH. - J	275.0	0.0	0.0	275.0	20.909	20.909	57,500.00
DUKE ENERGY FLORIDA	SCH. - J	12,870.0	0.0	0.0	12,870.0	7.339	7.339	944,529.30
DUKE ENERGY FLORIDA	OATT	1,079.0	0.0	0.0	1,079.0	5.545	5.545	59,832.75
SUB-TOTAL CURRENT MONTH		15,504.0	0.0	0.0	15,504.0	7.872	7.872	1,220,512.05
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		14,425.0	0.0	0.0	14,425.0	8.046	8.046	1,160,679.30
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,079.0	0.0	0.0	1,079.0	5.545	5.545	59,832.75
TOTAL		15,504.0	0.0	0.0	15,504.0	7.872	7.872	1,220,512.05
CURRENT MONTH:								
DIFFERENCE		15,504.0	0.0	0.0	15,504.0	7.872	7.872	1,220,512.05
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		79,499.0	0.0	0.0	79,499.0	5.695	5.695	4,527,564.86
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		79,499.0	0.0	0.0	79,499.0	5.695	5.695	4,527,564.86
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FROM OTHER UTILITIES	MWH FOR INTER-RUPTIBLE	MWH FOR FIRM	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED: VARIOUS								
	COGEN.							
	AS AVAIL.	5,550.0	0.0	0.0	5,550.0	2.343	2.343	130,060.00
TOTAL		<u>5,550.0</u>	<u>0.0</u>	<u>0.0</u>	<u>5,550.0</u>	<u>2.343</u>	<u>2.343</u>	<u>130,060.00</u>
ACTUAL:								
AS AVAILABLE								
CARGILL MILLPOINT	COGEN.	480.0	0.0	0.0	480.0	4.587	4.587	22,017.95
IMC-AGRICO-NEW WALES	COGEN.	9.0	0.0	0.0	9.0	4.027	4.027	362.40
IMC-AGRICO-S. PIERCE	COGEN.	10,360.0	0.0	0.0	10,360.0	4.819	4.819	499,254.13
SUB-TOTAL CURRENT MONTH		<u>10,849.0</u>	<u>0.0</u>	<u>0.0</u>	<u>10,849.0</u>	<u>4.808</u>	<u>4.808</u>	<u>521,634.48</u>
NET METERING		69.0	0.0	0.0	69.0	2.879	2.879	1,987.75
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>10,918.0</u>	<u>0.0</u>	<u>0.0</u>	<u>10,918.0</u>	<u>4.796</u>	<u>4.796</u>	<u>523,622.2</u>
CURRENT MONTH:								
DIFFERENCE		5,368.0	0.0	0.0	5,368.0	2.453	2.453	393,562.23
DIFFERENCE %		96.7%	0.0%	0.0%	96.7%	104.7%	104.7%	302.6%
PERIOD TO DATE:								
ACTUAL		31,214.9	0.0	0.0	31,214.9	3.738	3.738	1,166,739.11
ESTIMATED		28,460.0	0.0	0.0	28,460.0	2.546	2.546	724,620.00
DIFFERENCE		2,754.9	0.0	0.0	2,754.9	1.192	1.192	442,119.11
DIFFERENCE %		9.7%	0.0%	0.0%	9.7%	46.8%	46.8%	61.0%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUPTIBLE	(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	3,180.0	0.0	3,180.0	6.338	201,540.00	50.940	1,619,880.00	1,418,340.00
TOTAL		3,180.0	0.0	3,180.0	6.338	201,540.00	50.940	1,619,880.00	1,418,340.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	94,027.0	0.0	94,027.0	7.339	6,900,641.53	7.692	7,232,934.49	332,292.96
FLA. POWER & LIGHT	SCH. - J	120,900.0	0.0	120,900.0	4.699	5,681,370.00	5.904	7,138,215.00	1,456,845.00
CITY OF TALLAHASSEE	SCH. - J	60.0	0.0	60.0	4.267	2,560.00	6.450	3,870.20	1,310.20
SUB-TOTAL CURRENT MONTH		214,987.0	0.0	214,987.0	5.854	12,584,571.53	6.686	14,375,019.69	1,790,448.16
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		214,987.0	0.0	214,987.0	5.854	12,584,571.53	6.686	14,375,019.69	1,790,448.16
TOTAL		214,987.0	0.0	214,987.0	5.854	12,584,571.53	6.686	14,375,019.69	1,790,448.16
CURRENT MONTH:									
DIFFERENCE		211,807.0	0.0	211,807.0	(0.484)	12,383,031.53	(44.253)	12,755,139.69	372,108.16
DIFFERENCE %		6660.6%	0.0%	6660.6%	-7.6%	6144.2%	-86.9%	787.4%	26.2%
PERIOD TO DATE:									
ACTUAL		252,120.0	0.0	252,120.0	5.751	14,499,341.53	6.602	16,646,113.32	2,146,771.79
ESTIMATED		7,130.0	0.0	7,130.0	6.279	447,700.00	54.519	3,887,230.00	3,439,530.00
DIFFERENCE		244,990.0	0.0	244,990.0	(0.528)	14,051,641.53	(47.917)	12,758,883.32	(1,292,758.21)
DIFFERENCE %		3436.0%	0.0%	3436.0%	-8.4%	3138.6%	-87.9%	328.2%	-37.6%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: May 2022

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	QF = QUALIFYING FACILITY
DEF	12/12/2021-10/31/2022		ST	LT = LONG TERM
FMPA	01/01/2022-02/28/2022		ST	ST = SHORT-TERM

** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
SEMINOLE ELECTRIC	12.5	36.9	36.0	32.6	33.6							
DEF	360.0	360.0	360.0	360.0	360.0							
FMPA	50.0	50.0	-	-	-							

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
TOTAL PURCHASES AND (SALES)	\$ 650,719	\$ 721,760	\$ 134,838	\$ (156,528)	\$ 524,007	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,874,796
TOTAL CAPACITY	\$ 650,719	\$ 721,760	\$ 134,838	\$ (156,528)	\$ 524,007	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,874,796

**LIST OF ACRONYMS
TAMPA ELECTRIC COMPANY**

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