



July 25, 2023

ELECTRONIC FILING

Mr. Adam J. Teitzman, Commission Clerk
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor
FPSC Docket No. 20230001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of June 2023 as well as the following revised pages:

Schedule A9 Revised

May 2023

1 page

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 July 2023 to the following:

Ms. Suzanne Brownless
Ryan Sandy
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850
sbrownle@psc.state.fl.us
rsandy@psc.state.fl.us

Walter Trierweiler
Charles Rehwinkel
Mary Wessling
Office of Public Counsel
111 West Madison Street, Room 812
Tallahassee, FL 32399-1400
Trierweiler.Walt@leg.state.fl.us
Rehwinkel.charles@leg.state.fl.us
wessling.mary@leg.state.fl.us

Ms. Dianne M. Triplett
Duke Energy Florida
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com
FLRegulatoryLegal@duke-energy.com

Mr. Matthew R. Bernier
Mr. Robert Pickles
Stephanie A. Cuello
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com
Robert.pickles@duke-energy.com
Stephanie.Cuello@duke-energy.com

Ms. Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 S. Monroe St., Suite 601
Tallahassee, FL 32301
bkeating@gunster.com

Maria Moncada
David M. Lee
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
maria.moncada@fpl.com
david.lee@fpl.com

Mr. Kenneth Hoffman
Vice President, Regulatory Relations
Florida Power & Light Company
215 South Monroe Street, Suite 810
Tallahassee, FL 32301-1859
ken.hoffman@fpl.com

Mr. Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
1750 SW 14th Street, Suite 200
Fernandina Beach, FL 32034
mcassel@fpuc.com

Mr. James W. Brew
Ms. Laura W. Baker
Stone Mattheis Xenopoulos & Brew, PC
1025 Thomas Jefferson Street, NW
Eighth Floor, West Tower
Washington, D.C. 20007-5201
jbrew@smxblaw.com
lwb@smxblaw.com

Mr. Jon C Moyle, Jr.
Moyle Law Firm
118 North Gadsden Street
Tallahassee, FL 32301
jmoyle@moylelaw.com

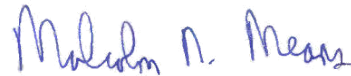
Mr. Peter J. Mattheis
Mr. Michael K. Lavanga
Mr. Joseph R. Briscar
Stone Law Firm
1025 Thomas Jefferson St., NW
Suite 800 West
Washington, DC 20007-5201
pjm@smxblaw.com
mkl@smxblaw.com
jrb@smxblaw.com

Robert Scheffel Wright
John T. LaVia III
1300 Thomaswood Drive
Tallahassee FL 32308
schef@gbwlegal.com
jlavia@gbwlegal.com

Michelle D. Napier
1635 Meathe Drive
West Palm Beach, FL 33411
mnapier@fpuc.com

Nucor Steel Florida, Inc.
Corey Allain
22 Nucor Drive
Frostproof FL 33843
corey.allain@nucor.com

George Cavros
Southern Alliance for Clean Energy
120 E. Oakland Park Blvd., Suite 105
Ft. Lauderdale, FL 33334
george@cavros-law.com



ATTORNEY



TAMPA ELECTRIC COMPANY
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COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: June 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)	42,823,349	70,484,615	(27,661,266)	-39.2%	1,936,296	1,999,060	(62,764)	-3.1%	2.21161	3.52589	(1.31428)	-37.3%
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)	42,823,349	70,484,615	(27,661,266)	-39.2%	1,936,296	1,999,060	(62,764)	-3.1%	2.21161	3.52589	(1.31428)	-37.3%
6. Fuel Cost of Purchased Power - Firm (A7)	5,307,889	0	5,307,889	0.0%	126,947	0	126,947	0.0%	4.18119	0.00000	4.18119	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	127,293	33,330	93,963	281.9%	5,900	490	5,410	1104.1%	2.15751	6.80204	(4.64453)	-68.3%
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)	133,983	141,350	(7,367)	-5.2%	8,067	5,420	2,647	48.8%	1.66088	2.60793	(0.94706)	-36.3%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	5,569,165	174,680	5,394,485	3088.2%	140,914	5,910	135,004	2284.3%	3.95217	2.95567	0.99650	33.7%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					2,077,210	2,004,970	72,240	3.6%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	41,892	88,140	(46,248)	-52.5%	2,801	2,460	341	13.9%	1.49561	3.58293	(2.08732)	-58.3%
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)	14,949	0	14,949	0.0%	801	0	801	0.0%	1.86629	0.00000	1.86629	0.0%
18. Gains on Sales	22,516	8,095	14,421	178.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	79,357	96,235	(16,878)	-17.5%	3,602	2,460	1,142	46.4%	2.20314	3.91199	(1.70885)	-43.7%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					146	0	146	0.0%				
21. Wheeling Rec'd. less Wheeling Del'vd.					2,005	0	2,005	0.0%				
22. Interchange and Wheeling Losses					(2,062)	0	(2,062)	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	48,313,157	70,563,060	(22,249,903)	-31.5%	2,077,821	2,002,510	75,311	3.8%	2.32518	3.52373	(1.19855)	-34.0%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	3,943,930	1,681,947	2,261,983	134.5%	169,618	47,732	121,886	255.4%	2.32518	3.52373	(1.19855)	-34.0%
25. Company Use	63,431	112,759	(49,328)	-43.7%	2,728	3,200	(472)	-14.8%	2.32518	3.52372	(1.19854)	-34.0%
26. T & D Losses	5,009,898	3,327,917	1,681,981	50.5%	215,462	94,443	121,019	128.1%	2.32518	3.52373	(1.19855)	-34.0%
27. System KWH Sales	48,313,157	70,563,060	(22,249,903)	-31.5%	1,690,013	1,857,135	(167,122)	-9.0%	2.85875	3.79957	(0.94082)	-24.8%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	48,313,157	70,563,060	(22,249,903)	-31.5%	1,690,013	1,857,135	(167,122)	-9.0%	2.85875	3.79957	(0.94082)	-24.8%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	48,313,157	70,563,060	(22,249,903)	-31.5%	1,690,013	1,857,135	(167,122)	-9.0%	2.85875	3.79957	(0.94082)	-24.8%
32. 2021 Optimization Mechanism Gain	401,656	401,656	0	0.0%	1,690,013	1,857,135	(167,122)	-9.0%	0.02377	0.02163	0.00214	9.9%
33. True-up *	7,221,028	7,221,028	0	0.0%	1,690,013	1,857,135	(167,122)	-9.0%	0.42728	0.38883	0.03845	9.9%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	55,935,841	78,185,744	(22,249,903)	-28.5%	1,690,013	1,857,135	(167,122)	-9.0%	3.30979	4.21002	(0.90023)	-21.4%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	55,976,115	78,242,038	(22,265,923)	-28.5%	1,690,013	1,857,135	(167,122)	-9.0%	3.31217	4.21305	(0.90088)	-21.4%
37. GPIF * (Already Adjusted for Taxes)	45,514	45,514	0	0.0%	1,690,013	1,857,135	(167,122)	-9.0%	0.00269	0.00245	0.00024	9.9%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	56,021,629	78,287,552	(22,265,923)	-28.4%	1,690,013	1,857,135	(167,122)	-9.0%	3.31486	4.21550	(0.90064)	-21.4%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.315	4.216	(0.901)	-21.4%

* 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: June 2023

	\$				DIFFERENCE				MWH				CENTS/KWH			
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	259,595,075	363,238,696	(103,643,622)	-28.5%	9,728,017	9,873,040	(145,023)	-1.5%	2.66853	3.67910	(1.01057)	-27.5%				
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)	259,595,075	363,238,696	(103,643,622)	-28.5%	9,728,017	9,873,040	(145,023)	-1.5%	2.66853	3.67910	(1.01057)	-27.5%				
6. Fuel Cost of Purchased Power - Firm (A7)	20,946,717	3,595,030	17,351,687	482.7%	443,380	57,600	385,780	669.8%	4.72433	6.24137	(1.51705)	-24.3%				
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	7,783,031	191,190	7,591,841	3970.8%	188,683	2,080	186,603	8971.3%	4.12492	9.19183	(5.06690)	-55.1%				
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%				
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%				
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%				
11. Payments to Qualifying Facilities & Net Metering (A8)	998,003	917,400	80,603	8.8%	44,389	32,600	11,789	36.2%	2.24831	2.81411	(0.56580)	-20.1%				
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	29,727,751	4,703,620	25,024,131	532.0%	676,452	92,280	584,172	633.0%	4.39466	5.09712	(0.70246)	-13.8%				
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					10,404,469	9,965,320	439,149	4.4%								
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	312,118	712,820	(400,702)	-56.2%	19,023	20,650	(1,627)	-7.9%	1.64074	3.45191	(1.81117)	-52.5%				
15. Fuel Cost of Sch. C/CB Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%				
16. Fuel Cost of OATT Sales (A6)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%				
17. Fuel Cost of Market Base Sales (A6)	1,220,112	0	1,220,112	0.0%	68,058	0	68,058	0.0%	1.79275	0.00000	1.79275	0.0%				
18. Gains on Sales	1,140,821	65,469	1,075,352	1642.5%												
19. TOTAL FUEL COST AND GAINS OF POWER SALES	2,673,051	778,289	1,894,762	243.5%	87,081	20,650	66,431	321.7%	3.06961	3.76895	(0.69934)	-18.6%				
(LINE 14 + 15 + 16 + 17 + 18)																
20. Net Inadvertent Interchange					821	0	821	0.0%								
21. Wheeling Rec'd. less Wheeling Del'd.					8,954	0	8,954	0.0%								
22. Interchange and Wheeling Losses					3,073	0	3,073	0.0%								
23. TOTAL FUEL AND NET POWER TRANSACTIONS	286,649,775	367,164,027	(80,514,253)	-21.9%	10,324,090	9,944,670	379,420	3.8%	2.77651	3.69207	(0.91555)	-24.8%				
(LINE 5 + 12 - 19 + 20 + 21 - 22)																
24. Net Unbilled	5,509,972 (a)	8,548,895 (a)	(3,038,923)	-35.5%	278,603	272,381	6,222	2.3%	1.97771	3.13858	(1.16086)	-37.0%				
25. Company Use	472,764 (a)	714,474 (a)	(241,710)	-33.8%	16,659	19,200	(2,541)	-13.2%	2.83789	3.72122	(0.88333)	-23.7%				
26. T & D Losses	17,402,567 (a)	17,108,545 (a)	294,022	1.7%	647,628	460,584	187,044	40.6%	2.68712	3.71453	(1.02741)	-27.7%				
27. System KWH Sales	286,649,775	367,164,027	(80,514,253)	-21.9%	9,381,200	9,192,505	188,695	2.1%	3.05558	3.99417	(0.93859)	-23.5%				
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	286,649,775	367,164,027	(80,514,252)	-21.9%	9,381,200	9,192,505	188,695	2.1%	3.05558	3.99417	(0.93859)	-23.5%				
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%				
31. Jurisdictional KWH Sales Adjusted for Line Losses	286,649,775	367,164,027	(80,514,252)	-21.9%	9,381,200	9,192,505	188,695	2.1%	3.05558	3.99417	(0.93859)	-23.5%				
32. 2021 Optimization Mechanism Gain	2,409,936	2,409,936	0	0.0%	9,381,200	9,192,505	188,695	2.1%	0.02569	0.02622	(0.00053)	-2.0%				
33. True-up *	21,663,084	21,663,084	0	0.0%	9,381,200	9,192,505	188,695	2.1%	0.23092	0.23566	(0.00474)	-2.0%				
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	310,722,795	391,237,047	(80,514,252)	-20.6%	9,381,200	9,192,505	188,695	2.1%	3.31219	4.25604	(0.94386)	-22.2%				
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%				
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	310,946,517	391,518,740	(80,572,223)	-20.6%	9,381,200	9,192,505	188,695	2.1%	3.31457	4.25911	(0.94454)	-22.2%				
37. GPIF * (Already Adjusted for Taxes)	273,084	273,084	0	0.0%	9,381,200	9,192,505	188,695	2.1%	0.00291	0.00297	(0.00006)	-2.0%				
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	311,219,601	391,791,824	(80,572,223)	-20.6%	9,381,200	9,192,505	188,695	2.1%	3.31748	4.26208	(0.94460)	-22.2%				
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.317	4.262	(0.945)	-22.2%				

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: June 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	42,823,349	70,484,615	(27,661,266)	-39.2%	259,595,075	363,238,696	(103,643,622)	-28.5%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	56,841	88,140	(31,299)	-35.5%	1,532,230	712,820	819,410	115.0%
2a. GAINS FROM SALES	22,516	8,095	14,421	178.1%	1,140,821	65,469	1,075,352	1642.5%
3. FUEL COST OF PURCHASED POWER	5,307,889	0	5,307,889	0.0%	20,946,717	3,595,030	17,351,687	482.7%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	133,983	141,350	(7,367)	-5.2%	998,003	917,400	80,603	8.8%
4. ENERGY COST OF ECONOMY PURCHASES	127,293	33,330	93,963	281.9%	7,783,031	191,190	7,591,841	3970.8%
5. TOTAL FUEL & NET POWER TRANSACTION	48,313,157	70,563,060	(22,249,903)	-31.5%	286,649,775	367,164,027	(80,514,253)	-21.9%
6. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	48,313,157	70,563,060	(22,249,903)	-31.5%	286,649,775	367,164,027	(80,514,253)	-21.9%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,823,932	1,857,135	(33,203)	-1.8%	9,511,656	9,192,505	319,151	3.5%
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%
3. TOTAL SALES	1,823,932	1,857,135	(33,203)	-1.8%	9,511,656	9,192,505	319,151	3.5%
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: June 2023

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
C. TRUE-UP CALCULATION								
1. JURISDICTIONAL FUEL REVENUE	95,404,419	97,426,622	(2,022,203)	-2.1%	475,857,019	460,175,427	15,681,592	3.4%
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%	(21,663,084)	(21,663,084)	0	0.0%
2b. GPIF PROVISION	(45,514)	(45,514)	0	0.0%	(273,084)	(273,084)	0	0.0%
2c. 2021 OPTIMIZATION MECHANISM GAIN	<u>(401,656)</u>	<u>(401,656)</u>	<u>0</u>	<u>0.0%</u>	<u>(2,409,936)</u>	<u>(2,409,936)</u>	<u>0</u>	<u>0.0%</u>
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>87,736,221</u>	<u>89,758,424</u>	<u>(2,022,203)</u>	<u>-2.3%</u>	<u>451,510,915</u>	<u>435,829,323</u>	<u>15,681,592</u>	<u>3.6%</u>
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	48,313,157	70,563,060	(22,249,903)	-31.5%	286,649,775	367,164,027	(80,514,252)	-21.9%
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.	48,313,157	70,563,060	(22,249,903)	-31.5%	286,649,775	367,164,027	(80,514,252)	-21.9%
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)	48,313,157	70,563,060	(22,249,903)	-31.5%	286,649,775	367,164,027	(80,514,252)	-21.9%
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>48,313,157</u>	<u>70,563,060</u>	<u>(22,249,903)</u>	<u>-31.5%</u>	<u>286,649,775</u>	<u>367,164,027</u>	<u>(80,514,252)</u>	<u>-21.9%</u>
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	39,423,064	19,195,364	20,227,700	105.4%	164,861,140	68,665,296	96,195,844	140.1%
8. INTEREST PROVISION FOR THE MONTH	(1,557,631)	(1,194,798)	(362,833)	30.4%	(10,702,490)	(7,815,055)	(2,887,435)	36.9%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(387,254,492)	(460,698,037)	73,443,545	-15.9%	-----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>(342,168,031)</u>	<u>(435,476,443)</u>	<u>93,308,412</u>	<u>-21.4%</u>	-----NOT APPLICABLE-----			

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	(387,254,492)	(460,698,037)	73,443,545	-15.9%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	(340,610,400)	(434,281,645)	93,671,245	-21.6%	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(727,864,892)</u>	<u>(894,979,682)</u>	<u>167,114,790</u>	<u>-18.7%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(363,932,446)	(447,489,841)	83,557,395	-18.7%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	5.140	3.200	1.940	60.6%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>5.130</u>	<u>3.200</u>	<u>1.930</u>	<u>60.3%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>10.270</u>	<u>6.400</u>	<u>3.870</u>	<u>60.5%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	5.135	3.200	1.935	60.5%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.428	0.267	0.161	60.3%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(1,557,631)</u>	<u>(1,194,798)</u>	<u>(362,833)</u>	<u>30.4%</u>	NOT APPLICABLE			

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: June 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	67,059	92,236	(25,177)	-27.3%	367,393	553,392	(185,999)	-33.6%
3 COAL	92,062	2,544,711	(2,452,649)	-96.4%	11,566,327	6,688,521	4,877,806	72.9%
4 NATURAL GAS	42,664,228	67,847,668	(25,183,440)	-37.1%	247,661,355	355,996,783	(108,335,428)	-30.4%
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 (\$)	42,823,349	70,484,615	(27,661,266)	-39.2%	259,595,075	363,238,696	(103,643,621)	-28.5%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	309	300	9	3.0%	1,240	1,800	(560)	-31.1%
10 COAL	(1,542)	56,140	(57,682)	-102.7%	221,983	149,450	72,533	48.5%
11 NATURAL GAS	1,761,781	1,745,650	16,131	0.9%	8,561,135	8,665,830	(104,695)	-1.2%
12 SOLAR	175,748	196,970	(21,222)	-10.8%	943,659	1,055,960	(112,301)	-10.6%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,936,296	1,999,060	(62,764)	-3.1%	9,728,017	9,873,040	(145,023)	-1.5%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	486	665	(179)	-26.9%	2,662	3,990	(1,328)	-33.3%
17 COAL (TON)	0	28,680	(28,680)	-100.0%	112,985	75,950	37,035	48.8%
18 NATURAL GAS (MCF)	12,108,386	11,750,405	357,981	3.0%	61,772,481	58,654,520	3,117,961	5.3%
19 SOLAR (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
20 OTHER (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
BTUS BURNED (MMBTU)								
21 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
22 LIGHT OIL	2,836	3,900	(1,064)	-27.3%	15,515	23,400	(7,885)	-33.7%
23 COAL	0	645,330	(645,330)	-100.0%	2,571,862	1,708,950	862,912	50.5%
24 NATURAL GAS	12,386,879	12,074,270	312,609	2.6%	63,091,151	60,261,720	2,829,431	4.7%
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)	12,389,715	12,723,500	(333,785)	-2.6%	65,678,528	61,994,070	3,684,458	5.9%
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	0.02%	0.02%	0.00%	6.3%	0.01%	0.02%	-0.01%	-30.1%
30 COAL	-0.08%	2.81%	-2.89%	-102.8%	2.28%	1.51%	0.77%	50.7%
31 NATURAL GAS	90.99%	87.32%	3.66%	4.2%	88.00%	87.77%	0.23%	0.3%
32 SOLAR	9.08%	9.85%	-0.78%	-7.9%	9.70%	10.70%	-0.99%	-9.3%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	137.87	138.70	(0.83)	-0.6%	138.01	138.69	(0.69)	-0.5%
37 COAL (\$/TON)	0.00	88.73	(88.73)	-100.0%	102.37	88.06	14.31	16.2%
38 NATURAL GAS (\$/MCF)	3.52	5.77	(2.25)	-39.0%	4.01	6.07	(2.06)	-33.9%
39 SOLAR (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
40 OTHER (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
FUEL COST PER MMBTU (\$/MMBTU)								
41 HEAVY OIL	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
42 LIGHT OIL	23.65	23.65	(0.00)	0.0%	23.68	23.65	0.03	0.1%
43 COAL	0.00	3.94	(3.94)	-100.0%	4.50	3.91	0.58	14.9%
44 NATURAL GAS	3.44	5.62	(2.17)	-38.7%	3.93	5.91	(1.98)	-33.6%
45 SOLAR	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
46 OTHER	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
47 TOTAL (\$/MMBTU)	3.46	5.54	(2.08)	-37.6%	3.95	5.86	(1.91)	-32.5%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: June 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	9,178	13,000	(3,822)	-29.4%	12,512	13,000	(488)	-3.8%	
50 COAL	0	11,495	(11,495)	-100.0%	11,586	11,435	151	1.3%	
51 NATURAL GAS	7,031	6,917	114	1.6%	7,369	6,954	415	6.0%	
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)	6,399	6,365	34	0.5%	6,751	6,279	472	7.5%	
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	21.70	30.75	(9.05)	-29.4%	29.63	30.74	(1.11)	-3.6%	
57 COAL	(5.97)	4.53	(10.50)	-231.8%	5.21	4.48	0.73	16.3%	
58 NATURAL GAS	2.42	3.89	(1.47)	-37.8%	2.89	4.11	(1.22)	-29.7%	
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)	2.21	3.53	(1.32)	-37.4%	2.67	3.68	(1.01)	-27.4%	

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

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	315.0	27.3	-	56.7	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.7	3,018.0	21.3	-	38.2	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.4	251.0	24.9	-	47.6	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1	11,741.0	23.3	-	43.3	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.2	10,247.0	19.2	-	36.0	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.3	12,686.0	23.7	-	44.8	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9	10,155.0	23.2	-	43.1	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2	9,434.0	23.7	-	44.4	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4	4,942.0	18.4	-	32.6	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3	8,676.0	24.4	-	47.1	-	SOLAR	-	-	-	-	-	-
WIMAUMA SOLAR	74.7	13,167.0	24.5	-	44.1	-	SOLAR	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3	11,829.0	22.1	-	40.7	-	SOLAR	-	-	-	-	-	-
DURRANCE	59.8	10,638.0	24.7	-	45.0	-	SOLAR	-	-	-	-	-	-
ESA CANOPY SOLAR	(3) 0.0	125.0	20.1	-	0.0	-	SOLAR	-	-	-	-	-	-
MICRO GRID SOLAR	(3) 0.0	(1.0)	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3	13,249.0	24.8	-	44.6	-	SOLAR	-	-	-	-	-	-
JAMISON SOLAR	74.3	12,240.0	22.9	-	41.3	-	SOLAR	-	-	-	-	-	-
BIG BEND 2 SOLAR	45.6	7,945.0	24.1	-	43.0	-	SOLAR	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	54.4	8,958.0	22.9	-	40.7	-	SOLAR	-	-	-	-	-	-
FLOATING SOLAR	(3) 0.0	194.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	(3) 0.0	182.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
FLORIDA AQUARIUM SOLAR	(3) 0.0	0.0	0.0	-	0.0	-	SOLAR	-	-	-	-	-	-
LAUREL OAKS SOLAR	(3) 61.0	13,153.0	29.9	-	54.2	-	SOLAR	-	-	-	-	-	-
RIVERSIDE SOLAR	(3) 55.0	12,604.0	31.8	-	55.6	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	1,017.5	175,748.0	23.9	-	42.6	-	SOLAR	-	-	-	-	-	-
BIG BEND 1 ST	335	173,704	72.0	80.7	88.4	0	GAS	0	0	0.0	0	0.00	0.00
BIG BEND 5 CT	(5) 330	192,186	80.9	100.0	88.0	9,523	GAS	1,788,982	1,023,000	1,830,128.1	5,764,551	3.00	3.22
BIG BEND 6 CT	(5) 330	192,597	81.1	98.7	84.6	9,589	GAS	1,805,319	1,023,000	1,846,841.7	5,817,196	3.02	3.22
BIG BEND #1 CC TOTAL	995	558,487	78.0	93.1	81.4	6,584	GAS	3,594,301	1,023,000	3,676,969.8	11,581,747	2.07	-
B.B.#4 (COAL)	(4) 422	0	0.0	0.0	0.0	-	COAL	0	0	0.0	92,062	0.00	0.00
B.B.#4 (GAS)	410	0	0.0	0.0	0.0	-	GAS	0	0	0.0	0	0.00	0.00
BIG BEND #4 TOTAL	422	0	0.0	0.0	0.0	0	-	-	-	0.0	92,062	0.00	-
B.B. IGNITION	-	-	-	-	-	-	GAS	0	0	0.0	0	-	0.00
BIG BEND CT #4 TOTAL	(5) 56	42	0.1	47.6	7.9	83,610	GAS	3,433	0	3,511.6	11,061	26.34	3.22
BIG BEND STATION TOTAL	1,818	558,529	52.7	64.7	55.0	6,590	-	-	-	3,680,481.4	11,684,869	2.09	-
POLK #1 GASIFIER	220	(1,542)	-	-	-	-	COAL	-	-	-	-	-	-
POLK #1 CT (GAS)	150	(361)	0.0	93.3	0.0	0	GAS	0	0	0.0	0	0.00	0.00
POLK #1 ST	50	(587)	0.0	93.3	0.0	-	-	-	-	-	-	-	-
POLK #1 TOTAL	200	(2,490)	0.0	93.3	0.0	0	-	-	-	0.0	0	0.00	-
POLK #2 ST DUCT FIRING	(5) 461	1,012	0.3	-	28.9	6,465	GAS	6,393	1,023,000	6,540.2	26,766	2.64	4.19
POLK #2 ST W/O DUCT FIRING	341	203,609	82.9	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	204,621	61.7	93.6	61.7	-	GAS	-	-	6,540.2	26,766	0.01	-
POLK #2 CT (GAS)	150	85,499	79.2	92.5	90.2	11,224	GAS	1,023,000	938,049	959,623.6	3,927,382	4.59	3.84
POLK #2 CT (OIL)	159	171	0.1	92.5	46.5	9,583	LGT.OIL	280	5,829,600	1,634.0	38,644	22.60	137.87
POLK #2 TOTAL	(5) 150	85,670	79.3	92.5	90.2	11,221	-	-	-	961,257.6	3,966,027	4.63	-
POLK #3 CT (GAS)	150	88,116	81.7	94.9	90.6	11,157	GAS	961,037	1,023,000	983,140.8	4,023,630	4.57	4.19
POLK #3 CT (OIL)	159	138	0.1	94.9	41.5	8,700	LGT.OIL	206	5,829,600	1,201.6	28,415	20.59	137.87
POLK #3 TOTAL	(5) 150	88,254	81.7	94.9	90.6	11,154	-	-	-	984,342.4	4,052,045	4.59	-
POLK #4 TOTAL	(5) 150	88,747	82.2	94.0	91.2	11,017	GAS	955,737	1,023,000	977,719.3	4,001,441	4.51	4.19
POLK #5 TOTAL	(5) 150	85,640	79.3	93.3	90.9	11,000	GAS	920,849	1,023,000	942,028.2	3,855,369	4.50	4.19
POLK #2 CC TOTAL	1,061	552,932	72.4	93.6	72.4	7,002	GAS	-	-	3,871,887.7	15,901,647	2.88	-
POLK STATION TOTAL	1,261	550,442	59.7	93.6	59.7	7,034	-	-	-	3,871,887.7	15,901,647	2.89	-

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	108,191	64.5	100.0	64.5	-		-	-	-	-	-	-
BAYSIDE CT1A	156	71,601	63.8	100.0	79.0	11,673	GAS	817,012	1,023,000	835,803.1	2,633,335	3.68	3.22
BAYSIDE CT1B	156	56,446	50.3	100.0	78.7	11,646	GAS	642,620	1,023,000	657,399.9	2,071,247	3.67	3.22
BAYSIDE CT1C	156	62,753	55.9	100.0	79.5	11,381	GAS	698,108	1,023,000	714,164.3	2,250,092	3.59	3.22
BAYSIDE UNIT 1 TOTAL	⁽⁵⁾ 701	298,991	59.2	100.0	59.2	7,383	GAS	2,157,739	1,023,000	2,207,367.3	6,954,675	2.33	3.22
BAYSIDE ST 2	305	127,039	57.9	100.0	57.9	-		-	-	-	-	-	-
BAYSIDE CT2A	156	62,691	55.8	100.0	75.1	11,539	GAS	707,113	1,023,000	723,376.8	2,279,187	3.64	3.22
BAYSIDE CT2B	156	54,823	48.8	100.0	75.5	11,689	GAS	626,420	1,023,000	640,827.9	2,019,095	3.68	3.22
BAYSIDE CT2C	156	54,492	48.5	100.0	73.5	11,837	GAS	630,504	1,023,000	645,005.7	2,032,258	3.73	3.22
BAYSIDE CT2D	156	53,494	47.6	100.0	75.3	11,573	GAS	605,172	1,023,000	619,090.7	1,950,607	3.65	3.22
BAYSIDE UNIT 2 TOTAL	⁽⁵⁾ 929	352,539	52.7	100.0	52.7	7,455	GAS	2,569,209	1,023,000	2,628,301.1	8,281,147	2.35	3.22
BAYSIDE UNIT 3 TOTAL	⁽⁵⁾ 56	-	0.0	100.0	0.0	0	GAS	0	1,023,000	-	(0)	0.00	0.00
BAYSIDE UNIT 4 TOTAL	⁽⁵⁾ 56	-	0.0	100.0	0.0	0	GAS	0	1,023,000	-	(0)	0.00	0.00
BAYSIDE UNIT 5 TOTAL	56	29	0.1	81.7	18.5	35,857	GAS	1,031	1,023,000	1,054.7	3,322	11.46	3.22
BAYSIDE UNIT 6 TOTAL	⁽⁵⁾ 56	18	0.0	85.8	26.4	35,410	GAS	609	1,023,000	622.7	(2,311)	(12.84)	(3.80)
BAYSIDE STATION TOTAL	1,854	651,577	48.8	99.0	48.8	7,424	GAS	4,728,588	1,023,000	4,837,345.8	15,236,832	2.34	3.22
SYSTEM	5,951	1,936,296	30.9	85.0	49.5	6,399	-	-	-	12,389,714.9	42,823,349	2.21	-

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

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

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

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
HEAVY OIL								
1 PURCHASES:								
2 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%
3 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
4 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
5 BURNED:								
6 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%
7 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
8 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
9 ENDING INVENTORY:								
10 UNITS (BBL)	0	0	0	0.0%	0	0	0	0.0%
11 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
12 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
13								
14 DAYS SUPPLY:	0	0	0	0.0%	-	-	-	-
LIGHT OIL⁽¹⁾								
15 PURCHASES:								
16 UNITS (BBL)	0	665	(665)	-100.0%	2,297	3,990	(1,693)	-42.4%
17 UNIT COST (\$/BBL)	0.00	138.85	(138.85)	-100.0%	124.92	138.85	(13.93)	-10.0%
18 AMOUNT (\$)	(0)	92,334	(92,334)	-100.0%	286,939	554,004	(267,065)	-48.2%
19 BURNED:								
20 UNITS (BBL)	486	665	(179)	-26.9%	2,662	3,990	(1,328)	-33.3%
21 UNIT COST (\$/BBL)	137.87	138.70	(0.83)	-0.6%	138.01	138.69	(0.69)	-0.5%
22 AMOUNT (\$)	67,059	92,236	(25,177)	-27.3%	367,393	553,392	(185,999)	-33.6%
23 ENDING INVENTORY:								
24 UNITS (BBL)	38,082	38,446	(364)	-0.9%	38,082	38,446	(364)	-0.9%
25 UNIT COST (\$/BBL)	137.86	138.67	(0.80)	-0.6%	137.86	138.67	(0.80)	-0.6%
26 AMOUNT (\$)	5,250,125	5,331,193	(81,068)	-1.5%	5,250,125	5,331,193	(81,068)	-1.5%
27								
28 DAYS SUPPLY: NORMAL	1,746	1,763	(17)	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	5	5	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	41,873	27,000	14,873	55.1%	322,880	231,000	91,880	39.8%
32 UNIT COST (\$/TON)	89.79	93.23	(3.44)	-3.7%	103.49	91.54	11.95	13.1%
33 AMOUNT (\$)	3,759,579	2,517,090	1,242,489	49.4%	33,414,311	21,145,712	12,268,599	58.0%
34 BURNED:								
35 UNITS (TONS)	0	28,680	(28,680)	-100.0%	112,985	75,950	37,035	48.8%
36 UNIT COST (\$/TON)	0.00	88.73	(88.73)	-100.0%	102.37	88.06	14.31	16.2%
37 AMOUNT (\$)	92,062	2,544,711	(2,452,649)	-96.4%	11,566,327	6,688,521	4,877,806	72.9%
38 ENDING INVENTORY:								
39 UNITS (TONS)	360,647	308,114	52,533	17.1%	360,647	308,114	52,533	17.1%
40 UNIT COST (\$/TON)	101.17	92.72	8.45	9.1%	101.17	92.72	8.45	9.1%
41 AMOUNT (\$)	36,486,662	28,569,722	7,916,940	27.7%	36,486,662	28,569,722	7,916,940	27.7%
42								
43 DAYS SUPPLY:	327	279	48	20.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	11,939,777	11,750,405	189,372	1.6%	61,535,144	59,849,175	1,685,969	2.8%
46 UNIT COST (\$/MCF)	3.50	5.79	(2.29)	-39.6%	3.99	6.01	(2.02)	-33.7%
47 AMOUNT (\$)	41,757,241	68,035,188	(26,277,947)	-38.6%	245,259,629	359,723,357	(114,463,728)	-31.8%
48 BURNED:								
49 UNITS (MCF)	12,108,386	11,750,405	357,981	3.0%	61,772,481	58,654,520	3,117,961	5.3%
50 UNIT COST (\$/MCF)	3.52	5.77	(2.25)	-39.0%	4.01	6.07	(2.06)	-33.9%
51 AMOUNT (\$)	* 42,664,228	67,847,668	(25,183,440)	-37.1%	247,661,355	355,996,783	(108,335,428)	-30.4%
52 ENDING INVENTORY:								
53 UNITS (MCF)	124,427	1,556,420	(1,431,993)	-92.0%	124,427	1,556,420	(1,431,993)	-92.0%
54 UNIT COST (\$/MCF)	4.22	4.27	(0.06)	-1.4%	4.22	4.27	(0.06)	-1.4%
55 AMOUNT (\$)	524,501	6,652,800	(6,128,299)	-92.1%	524,501	6,652,800	(6,128,299)	-92.1%
56								
57 DAYS SUPPLY:	0	5	(5)	-100.0%	-	-	-	-
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: June 2023

SCHEDULE A5
PAGE 2 OF 2

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

* Includes natural gas adjustment to May 2023 of:

	Dollars
Bayside 1	\$ 1,875.29
Bayside 2	\$ 2,483.44
Bayside 3	\$ (0.05)
Bayside 4	\$ (0.03)
Bayside 6	\$ (4,272.82)
Big Bend CT4-6	\$ (29.30)
Polk 2	\$ (13.77)
Polk 2 Duct Firing	\$ (0.49)
Polk 3	\$ (13.28)
Polk 4	\$ (14.29)
Polk 5	\$ (14.70)
Total	<u>\$ 0</u>

⁽¹⁾ RECONCILIATION - LIGHT OIL

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

	UNITS	DOLLARS
OIL REPLACEMENT	0	0
BB GYPSUM	0	0
BB COAL FIELD	0	0
BB OTHER PLANT	0	0
PK OTHER PLANT	0	0
TOTAL	<u>0</u>	<u>0</u>

⁽²⁾ RECONCILIATION - COAL

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
FUEL ANALYSIS	0	10,323
NON-INV EXPENSE	0	81,739
TOTAL	<u>0</u>	<u>92,062</u>

⁽³⁾ RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES	-	0
BIG BEND NG IGNITION	-	0
POLK NG IGNITION	-	0
INVENTORY ADJ	-	0
TOTAL	<u>0</u>	<u>0</u>

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: June 2023

(1) SOLD TO	(2) TYPE & SCHEDULE	(3) TOTAL MWH SOLD	(4) MWH WHEELED OTHER SYSTEM	(5) MWH FROM OWN GENERATION	(6) CENTS/KWH		(7) TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	(8) TOTAL \$ FOR TOTAL COST (5)X(6B)	(9) GAINS ON MARKET BASED SALES	
					(A) FUEL COST	(B) TOTAL COST				
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	2,460.0	0.0	2,460.0	3.583	3.912	88,140.00	96,235.00	8,095.00
VARIOUS	JURISD.	MKT.BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			2,460.0	0.0	2,460.0	3.583	3.912	88,140.00	96,235.00	8,095.00
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	2,801.0	0.0	2,801.0	1.496	1.645	41,891.90	46,081.09	2,277.76
DUKE ENERGY FLORIDA		SCH. - MA	400.0	0.0	400.0	2.164	4.341	8,656.00	17,363.38	7,655.38
THE ENERGY AUTHORITY		SCH. - MA	401.0	0.0	401.0	1.569	4.970	6,292.95	19,928.99	12,583.26
SUB-TOTAL CURRENT MONTH			3,602.0	0.0	3,602.0	1.578	2.315	56,840.85	83,373.46	22,516.40
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL CURRENT MONTH			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.										
TOTAL			2,801.0	0.0	2,801.0	1.496	1.645	41,891.90	46,081.09	2,277.76
TOTAL			3,602.0	0.0	3,602.0	1.578	2.315	56,840.85	83,373.46	22,516.40
CURRENT MONTH:										
DIFFERENCE			1,142.0	0.0	1,142.0	(2.005)	(1.597)	(31,299.15)	(12,861.54)	14,421.40
DIFFERENCE %			46.4%	0.0%	46.4%	-56.0%	-40.8%	-35.5%	-13.4%	178.2%
PERIOD TO DATE:										
ACTUAL			33,886.0	0.0	33,886.0	1.585	3.947	537,033.35	1,337,375.12	724,068.82
ESTIMATED			20,650.0	0.0	20,650.0	3.452	3.769	712,820.00	778,289.00	65,469.00
DIFFERENCE			13,236.0	0.0	13,236.0	(1.867)	0.178	(175,786.65)	559,086.12	658,599.82
DIFFERENCE %			64.1%	0.0%	64.1%	-54.1%	4.7%	-24.7%	71.8%	1006.0%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: June 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		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:								
THE ENERGY AUTHORITY	SCH. - J	500.0	0.0	0.0	500.0	4.600	4.600	23,000.0
CONSTELLATION ENERGY GENERATION	SCH. - J	3,675.0	0.0	0.0	3,675.0	5.071	5.071	186,375.0
FLA. POWER & LIGHT	SCH. - J	3,350.0	0.0	0.0	3,350.0	5.164	5.164	173,000.0
RAINBOW ENERGY	SCH. - J	1,499.0	0.0	0.0	1,499.0	7.500	7.500	112,425.0
DUKE ENERGY FLORIDA	SCH. - J	116,819.0	0.0	0.0	116,819.0	4.371	4.371	5,105,770.9
DUKE ENERGY FLORIDA	OATT	1,104.0	0.0	0.0	1,104.0	3.672	3.672	40,538.53
SUB-TOTAL CURRENT MONTH		126,947.0	0.0	0.0	126,947.0	4.444	4.444	5,641,109.47
ADJUSTMENTS TO PRIOR MONTHS								
DUKE ENERGY FLORIDA	April 2023	(72,382.0)	0.0	0.0	(72,382.0)	5.111	5.111	(3,699,164.56)
DUKE ENERGY FLORIDA	April 2023	72,382.0	0.0	0.0	72,382.0	4.650	4.650	3,365,944.54
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.0	0.000	0.000	(333,220.02)
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		125,843.0	0.0	0.0	125,843.0	4.186	4.186	5,267,350.92
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,104.0	0.0	0.0	1,104.0	3.672	3.672	40,538.53
TOTAL		126,947.0	0.0	0.0	126,947.0	4.181	4.181	5,307,889.45
CURRENT MONTH:								
DIFFERENCE		126,947.0	0.0	0.0	126,947.0	4.181	4.181	5,307,889.45
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		443,380.0	0.0	0.0	443,380.0	4.724	4.724	20,946,716.45
ESTIMATED		57,600.0	0.0	0.0	57,600.0	6.241	6.241	3,595,030.00
DIFFERENCE		385,780.0	0.0	0.0	385,780.0	(1.517)	(1.517)	17,351,686.45
DIFFERENCE %		669.8%	0.0%	0.0%	669.8%	-24.3%	-24.3%	482.7%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: June 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								
	COGEN.							
	AS AVAIL.	5,420.0	0.0	0.0	5,420.0	2.608	2.608	141,350.00
TOTAL		<u>5,420.0</u>	<u>0.0</u>	<u>0.0</u>	<u>5,420.0</u>	<u>2.608</u>	<u>2.608</u>	<u>141,350.00</u>
ACTUAL:								
AS AVAILABLE								
CARGILL MILLPOINT	COGEN.	35.0	0.0	0.0	35.0	2.238	2.238	783.37
IMC-AGRICO-NEW WALES	COGEN.	1.0	0.0	0.0	1.0	1.519	1.519	15.19
IMC-AGRICO-S. PIERCE	COGEN.	7,925.0	0.0	0.0	7,925.0	1.617	1.617	128,114.48
SUB-TOTAL CURRENT MONTH		<u>7,961.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,961.0</u>	<u>1.619</u>	<u>1.619</u>	<u>128,913.04</u>
NET METERING		105.5	0.0	0.0	105.5	4.805	4.805	5,070.26
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u><u>8,066.5</u></u>	<u><u>0.0</u></u>	<u><u>0.0</u></u>	<u><u>8,066.5</u></u>	<u><u>1.661</u></u>	<u><u>1.661</u></u>	<u><u>133,983.3</u></u>
CURRENT MONTH:								
DIFFERENCE		2,646.5	0.0	0.0	2,646.5	(0.947)	(0.947)	(7,366.70)
DIFFERENCE %		48.8%	0.0%	0.0%	48.8%	-36.3%	-36.3%	-5.2%
PERIOD TO DATE:								
ACTUAL		44,387.5	0.0	0.0	44,387.5	2.248	2.248	998,002.84
ESTIMATED		32,600.0	0.0	0.0	32,600.0	2.814	2.814	917,400.00
DIFFERENCE		11,787.5	0.0	0.0	11,787.5	(0.566)	(0.566)	80,602.84
DIFFERENCE %		36.2%	0.0%	0.0%	36.2%	-20.1%	-20.1%	8.8%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: June 2023

(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	490.0	0.0	490.0	6.802	33,330.00	558.686	2,737,560.00	2,704,230.00
TOTAL		490.0	0.0	490.0	6.802	33,330.00	558.686	2,737,560.00	2,704,230.00
ACTUAL:									
FLA. POWER & LIGHT	SCH. - J	2,675.0	0.0	2,675.0	3.902	104,375.00	4.697	125,651.00	21,276.00
THE ENERGY AUTHORITY	SCH. - J	7.0	0.0	7.0	6.667	466.71	6.667	466.71	0.00
CONSTELLATION ENERGY GENERATION	SCH. - J	3,215.0	0.0	3,215.0	4.147	133,315.00	5.843	187,838.31	54,523.31
SOUTHERN COMPANY	SCH. - J	3.0	0.0	3.0	6.983	209.48	6.983	209.48	0.00
SUB-TOTAL CURRENT MONTH		5,900.0	0.0	5,900.0	4.040	238,366.19	5.325	314,165.50	75,799.31
NO ADJUSTMENTS TO PRIOR MONTHS									
DUKE ENERGY FLORIDA	April 2023	(24,094.0)	0.0	(24,094.0)	5.108	(1,230,721.52)	5.208	(1,254,815.52)	(24,094.00)
DUKE ENERGY FLORIDA	April 2023	24,094.0	0.0	24,094.0	4.647	1,119,648.18	4.747	1,143,742.18	24,094.00
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.000	(111,073.34)	0.000	(111,073.34)	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		5,900.0	0.0	5,900.0	2.158	127,292.85	3.442	203,092.16	75,799.31
TOTAL		5,900.0	0.0	5,900.0	2.158	127,292.85	3.442	203,092.16	75,799.31
CURRENT MONTH:									
DIFFERENCE		5,410.0	0.0	5,410.0	(4.645)	93,962.85	(555.243)	(2,534,467.84)	(2,628,430.69)
DIFFERENCE %		1104.1%	0.0%	1104.1%	-68.3%	281.9%	-99.4%	-92.6%	-97.2%
PERIOD TO DATE:									
ACTUAL		188,683.0	0.0	188,683.0	4.125	7,783,029.91	4.573	8,628,282.72	845,252.81
ESTIMATED		2,080.0	0.0	2,080.0	9.192	191,190.00	441.477	9,182,730.00	8,991,540.00
DIFFERENCE		186,603.0	0.0	186,603.0	(5.067)	7,591,839.91	(436.905)	(554,447.28)	(8,146,287.19)
DIFFERENCE %		8971.3%	0.0%	8971.3%	-55.1%	3970.8%	-99.0%	-6.0%	-90.6%

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

** THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
SEMINOLE ELECTRIC	6.3	6.7	8.0	2.1	4.1	2.9						
DEF	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						
ORLANDO UTILITIES	100.0	100.0	0.0	0.0	0.0	0.0						
FLORIDA POWER & LIGHT	0.0	0.0	0.0	0.0	200.0	0.0						

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
TOTAL PURCHASES AND (SALES)	\$ 1,874,744	\$ 1,846,548	\$ 276,545	\$ 1,512,224	\$ 304,886	\$ 153,522	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,968,468
TOTAL CAPACITY	\$ 1,874,744	\$ 1,846,548	\$ 276,545	\$ 1,512,224	\$ 304,886	\$ 153,522	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 5,968,468

**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

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: May 2023

(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	260.0	0.0	260.0	5.169	13,440.00	760.754	1,977,960.00	1,964,520.00
TOTAL		260.0	0.0	260.0	5.169	13,440.00	760.754	1,977,960.00	1,964,520.00
ACTUAL:									
FLA. POWER & LIGHT	SCH. - J	89,900.0	0.0	89,900.0	3.525	3,168,975.00	4.045	3,636,455.00	467,480.00
DUKE ENERGY FLORIDA	SCH. - J	58,514.0	0.0	58,514.0	4.861	2,844,365.54	5.078	2,971,617.79	127,252.25
SUB-TOTAL CURRENT MONTH		148,414.0	0.0	148,414.0	4.052	6,013,340.54	4.452	6,608,072.79	594,732.25
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		148,414.0	0.0	148,414.0	4.052	6,013,340.54	4.452	6,608,072.79	594,732.25
TOTAL		148,414.0	0.0	148,414.0	4.052	6,013,340.54	4.452	6,608,072.79	594,732.25
CURRENT MONTH:									
DIFFERENCE		148,154.0	0.0	148,154.0	(1.117)	5,999,900.54	(756.301)	4,630,112.79	(1,369,787.75)
DIFFERENCE %		56982.3%	0.0%	56982.3%	-21.6%	44642.1%	-99.4%	234.1%	-69.7%
PERIOD TO DATE:									
ACTUAL		182,783.0	0.0	182,783.0	4.188	7,655,737.06	4.609	8,425,190.56	769,453.50
ESTIMATED		1,590.0	0.0	1,590.0	9.928	157,860.00	405.357	6,445,170.00	6,287,310.00
DIFFERENCE		181,193.0	0.0	181,193.0	(5.740)	7,497,877.06	(400.747)	1,980,020.56	(5,517,856.50)
DIFFERENCE %		11395.8%	0.0%	11395.8%	-57.8%	4749.7%	-98.9%	30.7%	-87.8%