



FILED 2/25/2025
DOCUMENT NO. 01111-2025
FPSC - COMMISSION CLERK

Attorneys and Counselors at Law
123 South Calhoun Street
P.O. Box 391 32302
Tallahassee, FL 32301
P: (850) 224-9115
F: (850) 222-7560
ausley.com

February 25, 2025

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. 20250001-EI

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of January 2025.

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 February, 2025 to the following:

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
discovery-gcl@psc.state.fl.us

Walter Trierweiler
Charles Rehwinkel
Patricia A. Christensen
Mary Wessling
Octavio Ponce
Austin Watrous
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
christensen.patty@leg.state.fl.us
wessling.mary@leg.state.fl.us
ponce.octavio@leg.state.fl.us
watrous.austin@leg.state.fl.us

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

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

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

Mike Cassel
Regulatory and Governmental Affairs
Florida Public Utilities Company
Florida Division of Chesapeake Utilities Corp.
208 Wildlight Ave.
Yulee, FL 32097
mcassel@fpuc.com

Robert Scheffel Wright
John LaVia, III
Gardner, Bist, Wiener, Wadsworth, Bowden,
Bush, Dee, LaVia & Wright, P.A.
1300 Thomaswood Drive
Tallahassee, FL 32308
shef@gbwlegal.com
jlavia@gbwlegal.com

Matthew R. Bernier
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

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

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

James W. Brew
Laura W. Baker
Sarah B. Newman
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
sbn@smxblaw.com

Peter J. Mattheis
Michael K. Lavanga
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



ATTORNEY



TAMPA ELECTRIC COMPANY
TABLE OF CONTENTS

1. Schedule A1 - A9 & A12	January 2025	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: January 2025

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	63,622,880	51,252,615	12,370,265	24.1%	1,722,400	1,489,017	233,383	15.7%	3.69385	3.44204	0.25181	7.3%
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%
6. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	63,622,880	51,252,615	12,370,265	24.1%	1,722,400	1,489,017	233,383	15.7%	3.69385	3.44204	0.25181	7.3%
5. Fuel Cost of Purchased Power - Firm (A7)	6,092,790	2,136,027	3,956,763	185.2%	54,492	38,948	15,544	39.9%	11.18107	5.48430	5.69677	103.9%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	(36,339)	5,975,399	(6,011,738)	-100.6%	2,045	73,882	(71,837)	-97.2%	(1.77897)	8.08776	(9.86473)	-122.0%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	51,671	272,936	(221,265)	-81.1%	2,806	8,184	(5,378)	-65.7%	1.84145	3.33500	(1.49355)	-44.8%
12. TOTAL COST OF PURCHASED POWER (Lines 5 through 11)	6,108,122	8,384,362	(2,276,240)	-27.1%	59,343	121,014	(61,671)	-51.0%	10.29291	6.92842	3.36449	48.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,781,743	1,610,031	171,712	10.7%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	48,804	105,972	(57,168)	-53.9%	3,137	2,977	160	5.4%	1.55575	3.55969	(2.00394)	-56.3%
15. Fuel Cost of Sch. C/CEB 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)	4,019,489	0	4,019,489	0.0%	86,257	0	86,257	0.0%	4.65990	0.00000	4.65990	0.0%
18. Gains on Sales	3,016,927	5,634	3,011,293	53448.6%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	7,085,220	111,606	6,973,614	6248.4%	89,394	2,977	86,417	2902.8%	7.92583	3.74894	4.17689	111.4%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					99	0	99	0.0%				
21. Wheeling Rec'd. less Wheeling Del'd.					47	0	47	0.0%				
22. Interchange and Wheeling Losses					1,469	0	1,469	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	62,645,782	59,525,371	3,120,411	5.2%	1,691,026	1,607,054	83,972	5.2%	3.70460	3.70401	0.00060	0.0%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	1,804,326	(1,642,748)	3,447,074	-209.8%	48,705	(44,351)	93,056	-209.8%	3.70460	3.70401	0.00059	0.0%
25. Company Use	182,600	111,120	71,480	64.3%	4,929	3,000	1,929	64.3%	3.70461	3.70400	0.00061	0.0%
26. T & D Losses	2,828,289	6,814,187	(3,985,898)	-58.5%	76,945	183,968	(107,023)	-58.5%	3.70460	3.70401	0.00060	0.0%
27. System KWH Sales	62,645,782	59,525,371	3,120,411	5.2%	1,561,047	1,464,436	96,610	6.6%	4.01306	4.06473	(0.05167)	-1.3%
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	62,645,782	59,525,371	3,120,411	5.2%	1,561,047	1,464,436	96,610	6.6%	4.01306	4.06473	(0.05167)	-1.3%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	62,645,782	59,525,371	3,120,411	5.2%	1,561,047	1,464,436	96,610	6.6%	4.01306	4.06473	(0.05167)	-1.3%
32. 2022 Optimization Mechanism Gain	260,224	260,224	0	0.0%	1,561,047	1,464,436	96,610	6.6%	0.01687	0.01777	(0.00110)	-6.2%
33. True-up *	(5,686,266)	(5,686,266)	0	0.0%	1,561,047	1,464,436	96,610	6.6%	(0.36426)	(0.38829)	(0.02403)	-6.2%
34. Total Jurisdictional Fuel Cost (Excl. GPFF)	57,219,740	54,099,329	3,120,411	5.8%	1,561,047	1,464,436	96,610	6.6%	3.66547	3.69421	(0.02874)	-0.8%
35. Revenue Tax Factor									1.000848	1.00072	0.00013	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPFF)	57,268,263	54,138,281	3,129,982	5.8%	1,561,047	1,464,436	96,610	6.6%	3.66558	3.69687	(0.02829)	-0.8%
37. GPFF * (Already Adjusted for Taxes)	152,563	152,563	0	0.0%	1,561,047	1,464,436	96,610	6.6%	0.00977	0.01042	(0.00064)	-6.2%
38. Fuel Cost Adjusted for Taxes (Incl. GPFF)	57,420,826	54,290,844	3,129,982	5.8%	1,561,047	1,464,436	96,610	6.6%	3.67835	3.70729	(0.02893)	-0.8%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.678	3.707	(0.029)	-0.8%

* 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: January 2025

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	63,622,880	51,252,615	12,370,265	24.1%	1,722,400	1,489,017	233,383	15.7%	3.69385	3.44204	0.25181	7.3%
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)	63,622,880	51,252,615	12,370,265	24.1%	1,722,400	1,489,017	233,383	15.7%	3.69385	3.44204	0.25181	7.3%
6. Fuel Cost of Purchased Power - Firm (A7)	6,092,790	2,136,027	3,956,763	185.2%	54,492	38,948	15,544	39.9%	11.18107	5.48430	5.69677	103.9%
7. Energy Cost of Sch C-X Econ. Purch. (Broker) (A9)	(36,339)	5,975,399	(6,011,738)	-100.6%	2,045	73,882	(71,837)	-97.2%	(1.77897)	8.08776	(9.86473)	-122.0%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	51,671	272,936	(221,265)	-81.1%	2,806	8,184	(5,378)	-65.7%	1.84145	3.33500	(1.49355)	-44.8%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	6,108,122	8,384,362	(2,276,240)	-27.1%	59,343	121,014	(61,671)	-51.0%	10.29291	6.92842	3.36449	48.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,781,743	1,610,031	171,712	10.7%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	48,804	105,972	(57,168)	-53.9%	3,137	2,977	160	5.4%	1.55575	3.55969	(2.00394)	-56.3%
15. Fuel Cost of Sch. C/CEB 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)	4,019,489	0	4,019,489	0.0%	86,257	0	86,257	0.0%	4.65990	0.00000	4.65990	0.0%
18. Gains on Sales	3,016,927	5,634	3,011,293	53448.6%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	7,085,220	111,606	6,973,614	6248.4%	89,394	2,977	86,417	2902.8%	7.92583	3.74894	4.17689	111.4%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					99	0	99	0.0%				
21. Wheeling Rec'd. less Wheeling Del'd.					47	0	47	0.0%				
22. Interchange and Wheeling Losses					1,469	0	1,469	0.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	62,645,782	59,525,371	3,120,411	5.2%	1,691,026	1,607,054	83,972	5.2%	3,70460	3,70401	0.00060	0.0%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	1,804,326 (a)	(1,642,748) (a)	3,447,074	-209.8%	48,705	(44,351)	93,056	-209.8%	3,70460	3,70397	0.00063	0.0%
25. Company Use	182,600 (a)	111,120 (a)	71,480	64.3%	4,929	3,000	1,929	64.3%	3,70461	3,70400	0.00061	0.0%
26. T & D Losses	2,828,289 (a)	6,814,187 (a)	(3,985,898)	-58.5%	76,945	183,968	(107,023)	-58.5%	3,70460	3,70401	0.00060	0.0%
27. System KWH Sales	62,645,782	59,525,371	3,120,411	5.2%	1,561,047	1,464,436	96,610	6.6%	4,01306	4,06473	(0.05167)	-1.3%
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	62,645,782	59,525,371	3,120,411	5.2%	1,561,047	1,464,436	96,610	6.6%	4,01306	4,06473	(0.05167)	-1.3%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	62,645,782	59,525,371	3,120,411	5.2%	1,561,047	1,464,436	96,610	6.6%	4,01306	4,06473	(0.05167)	-1.3%
32. 2022 Optimization Mechanism Gain	260,224	260,224	0	0.0%	1,561,047	1,464,436	96,610	6.6%	0.01687	0.01777	(0.00110)	-6.2%
33. True-up *	(5,686,266)	(5,686,266)	0	0.0%	1,561,047	1,464,436	96,610	6.6%	(0.36426)	(0.38829)	0.02403	-6.2%
34. Total Jurisdictional Fuel Cost (Excl. GPFF)	57,219,740	54,099,329	3,120,411	5.8%	1,561,047	1,464,436	96,610	6.6%	3.66547	3.69421	(0.02874)	-0.8%
35. Revenue Tax Factor									1.000848	1.000848	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPFF)	57,268,263	54,138,281	3,129,982	5.8%	1,561,047	1,464,436	96,610	6.6%	3.66558	3.69734	(0.02876)	-0.8%
37. GPFF * (Already Adjusted for Taxes)	152,563	152,563	0	0.0%	1,561,047	1,464,436	96,610	6.6%	0.00977	0.01042	(0.00064)	-6.2%
38. Fuel Cost Adjusted for Taxes (Incl. GPFF)	57,420,826	54,290,844	3,129,982	5.8%	1,561,047	1,464,436	96,610	6.6%	3.67935	3,70776	(0.02840)	-0.8%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.678	3.708	(0.030)	-0.8%

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

4

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

	CURRENT MONTH		PERIOD TO DATE	
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE AMOUNT
C. TRUE-UP CALCULATION				
[1. JURISDICTIONAL FUEL REVENUE	48,033,306	47,778,555	254,751	254,751
			0.5%	0.5%
2. JURISDICTIONAL FUEL REVENUE CREDIT	0	0	0	0
			0.0%	0.0%
2a. TRUE-UP PROVISION	5,686,266	5,686,266	0	0
			0.0%	0.0%
2b. GPIF PROVISION	(152,563)	(152,563)	0	0
			0.0%	0.0%
2c. 2022 OPTIMIZATION MECHANISM GAIN	(260,224)	(260,224)	0	0
			0.0%	0.0%
3. JURIS. FUEL REVENUE APPL. TO PERIOD	53,306,785	53,052,034	254,751	254,751
			0.5%	0.5%
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	62,645,782	59,525,371	3,120,411	3,120,411
			5.2%	5.2%
5. JURISDIC. SALES: % TOTAL MWH SALES (LINE B4)	1,000,000	1,000,000	0.000000	-
			0.0%	-
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	62,645,782	59,525,371	3,120,411	3,120,411
			5.2%	5.2%
6a. JURISDIC. LOSS MULTIPLIER	1,00000	1,00000	0.00000	-
			0.0%	-
6b. (LINE C6 x LINE C6a)	62,645,782	59,525,371	3,120,411	3,120,411
			5.2%	5.2%
6c. ADJUSTMENT	0	0	0	0
			0.0%	0.0%
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ. (LNS. C6b+C6c)	62,645,782	59,525,371	3,120,411	3,120,411
			5.2%	5.2%
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	(9,338,997)	(6,473,337)	(2,865,660)	(2,865,660)
			44.3%	44.3%
8. INTEREST PROVISION FOR THE MONTH	192,880	73,537	119,343	119,343
			162.3%	162.3%
9. TRUE-UP & INT. PROV. BEG. OF MONTH	60,647,508	28,431,329	32,216,179	NOT APPLICABLE
			113.3%	NOT APPLICABLE
10. TRUE-UP COLLECTED (REFUNDED)	(5,686,266)	(5,686,266)	0	NOT APPLICABLE
			0.0%	NOT APPLICABLE
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	45,815,126	16,345,263	29,469,863	NOT APPLICABLE
			180.3%	NOT APPLICABLE

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

	CURRENT MONTH		PERIOD TO DATE	
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	DIFFERENCE AMOUNT
				%
D. INTEREST PROVISION				
1. BEGINNING TRUE-UP AMOUNT (LINE C10)	60,647,508	28,431,329	32,216,179	113.3%
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10 + C11)	45,622,245	16,271,726	29,350,519	180.4%
3. TOTAL BEG. & END. TRUE-UP AMOUNT	106,269,753	44,703,055	61,566,698	137.7%
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	53,134,877	22,351,528	30,783,349	137.7%
5. INT. RATE-FIRST DAY REP. BUS. MONTH	4,360	4,100	0.260	6.3%
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	4,350	3,800	0.550	14.5%
7. TOTAL (LINE D5 + LINE D6)	8,710	7,900	0.810	10.3%
8. AVERAGE INT. RATE (50% OF LINE D7)	4,355	3,950	0.405	10.3%
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.363	0.329	0.034	10.3%
10. INT. PROVISION (LINE D4 x LINE D9)	192,880	73,537	119,343	162.3%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

	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	137,445	206,821	(69,377)	-33.5%	137,445	206,821	(69,377)	-33.5%
3 COAL	2,768,780	3,077,054	(308,274)	-10.0%	2,768,780	3,077,054	(308,274)	-10.0%
4 NATURAL GAS	60,716,655	47,968,740	12,747,915	26.6%	60,716,655	47,968,740	12,747,915	26.6%
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 (\$)	63,622,880	51,252,615	12,370,264	24.1%	63,622,880	51,252,615	12,370,264	24.1%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	348	922	(574)	-62.3%	348	922	(574)	-62.3%
10 COAL	34,899	64,628	(29,729)	-46.0%	34,899	64,628	(29,729)	-46.0%
11 NATURAL GAS	1,557,095	1,251,415	305,680	24.4%	1,557,095	1,251,415	305,680	24.4%
12 SOLAR	130,058	172,052	(41,994)	-24.4%	130,058	172,052	(41,994)	-24.4%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,722,400	1,489,017	233,383	15.7%	1,722,400	1,489,017	233,383	15.7%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	1,050	1,553	(503)	-32.4%	1,050	1,553	(503)	-32.4%
17 COAL (TON)	19,373	33,451	(14,078)	-42.1%	19,373	33,451	(14,078)	-42.1%
18 NATURAL GAS (MCF)	10,837,366	8,380,597	2,456,769	29.3%	10,837,366	8,380,597	2,456,769	29.3%
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	6,119	9,000	(2,881)	-32.0%	6,119	9,000	(2,881)	-32.0%
23 COAL	385,445	752,640	(367,195)	-48.8%	385,445	752,640	(367,195)	-48.8%
24 NATURAL GAS	11,103,166	8,595,691	2,507,475	29.2%	11,103,166	8,595,691	2,507,475	29.2%
25 SOLAR	0	0	0	0.0%	0	0	0	0.0%
26 OTHER	0	0	0	0.0%	0	0	0	0.0%
27 TOTAL (MMBTU)	11,494,730	9,357,331	2,137,399	22.8%	11,494,730	9,357,331	2,137,399	22.8%
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	0.02%	0.06%	-0.04%	-67.4%	0.02%	0.06%	-0.04%	-67.4%
30 COAL	2.03%	4.34%	-2.31%	-53.3%	2.03%	4.34%	-2.31%	-53.3%
31 NATURAL GAS	90.40%	84.04%	6.36%	7.6%	90.40%	84.04%	6.36%	7.6%
32 SOLAR	7.55%	11.55%	-4.00%	-34.7%	7.55%	11.55%	-4.00%	-34.7%
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)	130.95	133.18	(2.23)	-1.7%	130.95	133.18	(2.23)	-1.7%
37 COAL (\$/TON)	142.92	91.99	50.93	55.4%	142.92	91.99	50.93	55.4%
38 NATURAL GAS (\$/MCF)	5.60	5.72	(0.12)	-2.1%	5.60	5.72	(0.12)	-2.1%
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	22.46	22.98	(0.52)	-2.3%	22.46	22.98	(0.52)	-2.3%
43 COAL	7.18	4.09	3.09	75.7%	7.18	4.09	3.09	75.7%
44 NATURAL GAS	5.47	5.58	(0.11)	-2.0%	5.47	5.58	(0.11)	-2.0%
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)	5.53	5.48	0.06	1.1%	5.53	5.48	0.06	1.1%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

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	17,583	9,761	7,822	80.1%	17,583	9,761	7,822	80.1%
50	COAL	11,045	11,646	(601)	-5.2%	11,045	11,646	(601)	-5.2%
51	NATURAL GAS	7,131	6,869	262	3.8%	7,131	6,869	262	3.8%
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)	6,674	6,284	390	6.2%	6,674	6,284	390	6.2%
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	39.50	22.43	17.07	76.1%	39.50	22.43	17.07	76.1%
57	COAL	7.93	4.76	3.17	66.6%	7.93	4.76	3.17	66.6%
58	NATURAL GAS	3.90	3.83	0.07	1.8%	3.90	3.83	0.07	1.8%
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)	3.69	3.44	0.25	7.3%	3.69	3.44	0.25	7.3%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

PLANT/UNIT	(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) ⁽¹⁾	(L) AS BURNED FUEL COST (\$ ⁽¹⁾)	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF BURNED FUEL (\$/UNIT)
TIA SOLAR	1.6		179.0	15.0	-	44.4	-	-	-	-	-	-	-
BIG BEND SOLAR	19.7		1,560.3	10.7	-	25.9	-	-	-	-	-	-	-
LEGOLAND SOLAR	1.4		133.0	12.8	-	31.7	-	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.1		6,183.0	11.9	-	29.1	-	-	-	-	-	-	-
BALM SOLAR	74.2		7,943.0	14.4	-	38.8	-	-	-	-	-	-	-
LITHIA SOLAR	74.3		7,751.0	14.0	-	35.7	-	-	-	-	-	-	-
GRANGE HALL SOLAR	60.9		6,396.0	14.1	-	36.0	-	-	-	-	-	-	-
PEACE CREEK SOLAR	55.2		5,336.0	13.0	-	32.5	-	-	-	-	-	-	-
BONNIE MINE SOLAR	37.4		3,659.0	13.1	-	31.7	-	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.3		5,454.0	14.9	-	37.5	-	-	-	-	-	-	-
WIMAUMA SOLAR	74.7		4,974.0	8.9	-	23.9	-	-	-	-	-	-	-
LITTLE MANATEE RIVER SOLAR	74.3		6,187.0	11.2	-	27.7	-	-	-	-	-	-	-
DURRANCE	59.8		(37.0)	0.0	-	0.0	-	-	-	-	-	-	-
ESA CANOPY SOLAR	0.9		62.0	8.8	-	27.2	-	-	-	-	-	-	-
MICRO GRID SOLAR	1.0		(22.6)	0.0	-	0.0	-	-	-	-	-	-	-
MAGNOLIA SOLAR	74.3		8,038.0	14.5	-	35.5	-	-	-	-	-	-	-
JAMISON SOLAR	74.3		8,212.0	14.9	-	39.2	-	-	-	-	-	-	-
BIG BEND 2 SOLAR	45.6		3,309.0	9.8	-	24.6	-	-	-	-	-	-	-
MOUNTAIN VIEW SOLAR	54.4		5,907.0	14.6	-	37.6	-	-	-	-	-	-	-
FLOATING SOLAR	0.9		(2.2)	0.0	-	0.0	-	-	-	-	-	-	-
AGRI VOLTAICS SOLAR	0.9		(89.3)	0.0	-	0.0	-	-	-	-	-	-	-
FLORIDA AQUARIUM SOLAR	0.0		0.0	0.0	-	0.0	-	-	-	-	-	-	-
LAUREL OAKS SOLAR	61.0		7,187.0	15.8	-	39.3	-	-	-	-	-	-	-
RIVERSIDE SOLAR	55.0		5,172.0	12.6	-	31.0	-	-	-	-	-	-	-
JUNIPER SOLAR	69.8		8,607.0	16.6	-	42.4	-	-	-	-	-	-	-
ALAFIA SOLAR	60.0		6,094.0	13.7	-	34.4	-	-	-	-	-	-	-
BIG BEND 1 BESS	0.0		4.7	0.0	-	0.0	-	-	-	-	-	-	-
DOVER SOLAR	25.0		2,528.0	13.6	-	39.0	-	-	-	-	-	-	-
LAKE MABEL SOLAR	74.5		7,623.0	13.8	-	33.8	-	-	-	-	-	-	-
BULLFROG CREEK SOLAR	74.5		9,646.0	17.4	-	43.4	-	-	-	-	-	-	-
ENGLISH CREEK	23.0		2,064.0	12.1	-	31.7	-	-	-	-	-	-	-
SOLAR TOTAL	1,348.0		130,057.9	13.2	-	30.7	-	-	-	-	-	-	-
BIG BEND 1 ST	336		217,989	87	100.0	79.3	0	0	0	0.0	0	0.00	5.60
BIG BEND 5 CT	392		230,971	79	98.9	79.6	9,317	2,099,423	1,025,000	2,151,908.7	11,762,078	5.09	5.60
BIG BEND 6 CT	392		231,874	79	99.7	81.9	9,282	2,099,823	1,025,000	2,152,318.9	11,764,320	5.07	5.60
BIG BEND #1 CC TOTAL	1,120		680,834	82	99.7	81.9	6,322	4,199,246	1,025,000	4,304,227.6	23,526,396	3.46	-
B.B.#4 (COAL)	442		34,899	1	94.6	1.3	-	19,373	19,896,000	385,445.2	2,768,780	7.93	142.92
B.B.#4 (GAS)	420		84,612	27	94.6	31.2	-	952,476	1,025,000	976,287.6	5,336,272	6.31	5.60
BIG BEND #4 TOTAL	442		119,511	36	94.6	42.1	-	-	-	1,361,732.8	8,195,053	6.78	-
B.B. IGNITION	61		1,407	3	91.7	90.2	-	5,009	1,025,000	11,483,395.5	28,065	-	5.60
BIG BEND CT #4 TOTAL	1,623		801,752	67	98.1	67.0	7,089	17,019	1,025,000	17,444.0	95,347	6.78	5.60
BIG BEND STATION TOTAL	220		0	0	-	-	-	-	-	5,683,404.5	31,754,862	3.96	-
POLK #1 GASIFIER	10		0	0	-	-	-	-	-	-	-	-	-
POLK #1 CT (GAS)	180		0	0	98.1	0.0	-	181,743	1,025,000	186,266.8	1,018,221	0.00	5.60
POLK #1 ST	190		0	0	98.3	0.0	-	-	-	-	-	-	-
POLK #1 TOTAL	190		18,835	13	98.2	70.6	9,890	-	-	186,266.8	1,018,221	5.41	-
POLK #2 ST DUCT FIRING	480		9,637	3	-	21.0	8,400	78,977	1,025,000	80,951.7	442,472	4.59	5.60
POLK #2 ST W/O DUCT FIRING	341		169,129	67	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	480		178,766	60	98.9	50.1	-	-	-	80,951.7	442,472	0.25	-
POLK #2 CT (GAS)	180		79,314	0	100.0	0.0	11,381	880,677	1,025,000	902,693.8	4,934,017	6.22	5.60
POLK #2 CT (OIL)	187		170	0	100.0	37.2	15,915	464	5,829,600	2,705.6	60,776	35.75	130.95
POLK #2 TOTAL	180		79,484	59	100.0	75.2	11,391	-	-	902,399.4	4,994,793	6.28	-
POLK #3 CT (GAS)	180		83,392	0	100.0	0.0	11,344	922,926	1,025,000	945,999.0	5,170,718	6.20	5.60
POLK #3 CT (OIL)	187		178	0	100.0	40.4	19,175	585	5,829,600	3,413.2	76,669	43.07	130.95
POLK #3 TOTAL	180		83,570	62	100.0	74.9	11,361	-	-	945,412.2	5,247,387	6.28	-
POLK #4 TOTAL	180		54,230	40	100.0	77.2	11,150	589,892	1,025,000	604,638.8	3,304,884	6.09	5.60
POLK #5 TOTAL	180		77,392	58	99.8	74.9	11,156	842,313	1,025,000	863,370.9	4,719,083	6.10	5.60
POLK #2 CC TOTAL	1,200		473,442	53	98.9	53.0	7,189	-	-	3,403,773.0	18,708,620	3.95	-
POLK STATION TOTAL	1,390		492,277	47	99.6	46.6	7,293	-	-	3,590,099.8	19,726,841	4.01	-

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

(A)	(B) NET CAP- ABILITY (MW)	(C) NET GENERATION (MMH)	(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) ⁽¹⁾	(L) AS BURNED FUEL COST (\$ ⁽¹⁾)	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL (\$/UNIT)
PLANT/UNIT													
BAYSIDE ST 1	259	102,796	53	100.0	53.4	-		-	-	-	-	-	-
BAYSIDE CT1A	196	64,405	44	100.0	64.7	11,422	GAS	717,710	1,025,000	735,653.2	4,020,993	6.24	5.60
BAYSIDE CT1B	196	66,298	45	100.0	64.0	11,417	GAS	738,444	1,025,000	756,905.2	4,137,154	6.24	5.60
BAYSIDE CT1C	196	57,206	39	99.6	64.9	11,138	GAS	621,502	1,025,000	637,141.6	3,482,540	6.09	5.60
BAYSIDE UNIT 1 TOTAL	847	290,705	46	99.9	48.1	7,326	GAS	2,077,566	1,025,000	2,125,700.0	11,640,686	4.00	5.60
BAYSIDE ST 2	337	(1,488)	(1)	0.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT2A	196	609	0	96.3	46.3	12,733	GAS	7,560	1,025,000	7,749.4	42,357	6.96	5.60
BAYSIDE CT2B	196	150	0	95.5	32.2	15,390	GAS	2,253	1,025,000	2,309.3	12,622	8.41	5.60
BAYSIDE CT2C	196	65	0	82.2	22.4	19,597	GAS	1,245	1,025,000	1,275.8	6,973	10.71	5.60
BAYSIDE CT2D	196	(28)	(0)	59.4	0.0	0	GAS	0	1,025,000	0.0	(0)	0.00	0.00
BAYSIDE UNIT 2 TOTAL	1,121	(692)	(0)	56.3	(9.9)	0	GAS	11,058	1,025,000	11,334.4	61,953	(8.95)	5.60
BAYSIDE UNIT 3 TOTAL	61	1,064	2	71.9	90.7	10,716	GAS	11,127	1,025,000	11,405.7	62,342	5.86	5.60
BAYSIDE UNIT 4 TOTAL	61	1,231	3	73.0	90.7	10,647	GAS	12,788	1,025,000	13,107.6	71,645	5.82	5.60
BAYSIDE UNIT 5 TOTAL	61	1,427	3	76.2	89.0	10,810	GAS	15,054	1,025,000	15,430.6	84,342	5.91	5.60
BAYSIDE UNIT 6 TOTAL	61	1,674	4	92.1	92.9	10,680	GAS	17,443	1,025,000	17,879.4	97,726	5.84	5.60
BAYSIDE STATION TOTAL	2,212	295,410	19	77.1	18.6	7,443	GAS	2,145,227	1,025,000	2,198,857.6	12,018,695	4.07	5.60
MACDILL 1	(3)	1,490	11	0.0	0.0	0	GAS	11,221	1,025,000	11,501.2	62,866	4.22	5.60
MACDILL 2	(3)	1,413	10	0.0	0.0	0	GAS	10,641	1,025,000	10,906.8	59,615	4.22	5.60
MACDILL STATION TOTAL	36	2,903	11	0.0	0.0	7,719	GAS	21,861	1,025,000	22,408.0	122,482	4.22	5.60
SYSTEM	6,609	1,722,400	36	85.0	40.0	6,674	-	-	-	11,494,729.9	63,622,880	3.69	-

LEGEND:

B.B = BIG BEND
CT = COMBUSTION TURBINE

Footnotes:

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

CC = COMBINED CYCLE
ST = STEAM TURBINE

(4) Consists of fixed costs

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025**

**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)	2,569	1,553	1,016	65.4%	2,569	1,553	1,016	65.4%
17 UNIT COST (\$/BBL)	119.16	118.81	0.35	0.3%	119.16	118.81	0.35	0.3%
18 AMOUNT (\$)	306,130	184,515	121,615	65.9%	306,130	184,515	121,615	65.9%
19 BURNED:								
20 UNITS (BBL)	1,050	1,553	(503)	-32.4%	1,050	1,553	(503)	-32.4%
21 UNIT COST (\$/BBL)	130.95	133.18	(2.23)	-1.7%	130.95	133.18	(2.23)	-1.7%
22 AMOUNT (\$)	137,445	206,821	(69,377)	-33.5%	137,445	206,821	(69,377)	-33.5%
23 ENDING INVENTORY:								
24 UNITS (BBL)	41,225	36,430	4,795	13.2%	41,225	36,430	4,795	13.2%
25 UNIT COST (\$/BBL)	130.95	132.85	(1.90)	-1.4%	130.95	132.85	(1.90)	-1.4%
26 AMOUNT (\$)	5,398,312	4,839,694	558,618	11.5%	5,398,312	4,839,694	558,618	11.5%
27								
28 DAYS SUPPLY: NORMAL	820	725	95	10.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	5	1	20.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	(11,358)	14,500	(25,858)	-178.3%	(11,358)	14,500	(25,858)	-178.3%
32 UNIT COST (\$/TON)	35.00	87.91	(52.91)	-60.2%	35.00	87.91	(52.91)	-60.2%
33 AMOUNT (\$)	(397,568)	1,274,691	(1,672,259)	-131.2%	(397,568)	1,274,691	(1,672,259)	-131.2%
34 BURNED:								
35 UNITS (TONS)	19,373	33,451	(14,078)	-42.1%	19,373	33,451	(14,078)	-42.1%
36 UNIT COST (\$/TON)	142.92	91.99	50.93	55.4%	142.92	91.99	50.93	55.4%
37 AMOUNT (\$)	2,768,780	3,077,054	(308,274)	-10.0%	2,768,780	3,077,054	(308,274)	-10.0%
38 ENDING INVENTORY:								
39 UNITS (TONS)	294,394	236,131	58,263	24.7%	294,394	236,131	58,263	24.7%
40 UNIT COST (\$/TON)	119.11	91.03	28.08	30.8%	119.11	91.03	28.08	30.8%
41 AMOUNT (\$)	35,064,279	21,495,269	13,569,010	63.1%	35,064,279	21,495,269	13,569,010	63.1%
42								
43 DAYS SUPPLY:	792	635	157	20.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	10,704,387	8,380,597	2,323,790	27.7%	10,704,387	8,380,597	2,323,790	27.7%
46 UNIT COST (\$/MCF)	5.64	5.73	(0.09)	-1.6%	5.64	5.73	(0.09)	-1.6%
47 AMOUNT (\$)	60,408,722	48,048,060	12,360,662	25.7%	60,408,722	48,048,060	12,360,662	25.7%
48 BURNED:								
49 UNITS (MCF)	10,837,366	8,380,597	2,456,769	29.3%	10,837,366	8,380,597	2,456,769	29.3%
50 UNIT COST (\$/MCF)	5.60	5.72	(0.12)	-2.1%	5.60	5.72	(0.12)	-2.1%
51 AMOUNT (\$)	60,716,655	47,968,740	12,747,915	26.6%	60,716,655	47,968,740	12,747,915	26.6%
52 ENDING INVENTORY:								
53 UNITS (MCF)	248,942	291,829	(42,887)	-14.7%	248,942	291,829	(42,887)	-14.7%
54 UNIT COST (\$/MCF)	3.24	4.12	(0.88)	-21.3%	3.24	4.12	(0.88)	-21.3%
55 AMOUNT (\$)	806,614	1,201,200	(394,586)	-32.8%	806,614	1,201,200	(394,586)	-32.8%
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: January 2025

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%		-	-	-	-	

⁽¹⁾ **RECONCILIATION - LIGHT OIL**

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

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

⁽²⁾ **RECONCILIATION - COAL**

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
FUEL ANALYSIS	0	(4,185)
NON-INV EXPENSE	0	9,567
AERIAL SURVEY ADJ	0	0
ADDITIVES	0	0
TOTAL	0	5,382

⁽³⁾ **RECONCILIATION - NATURAL GAS**

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

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

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

(1)		(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)
						CENTS/KWH				
SOLD TO		TYPE & SCHEDULE	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	2,977.3	0.0	2,977.3	3.559	3.749	105,972.28	111,606.28	5,634.00
VARIOUS	JURISD.	MKT.BASE	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			2,977.3	0.0	2,977.3	3.559	3.749	105,972.28	111,606.28	5,634.00
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	3,137.0	0.0	3,137.0	1.556	1.711	48,803.72	53,684.09	2,510.58
ASSOCIATED ELECTRIC COOPERATIVE, INC.		SCH. - MA	204.0	0.0	204.0	1.964	3.912	4,007.08	7,980.13	3,859.66
DUKE ENERGY FLORIDA		SCH. - MA	1,933.0	0.0	1,933.0	4.610	11.250	89,114.80	217,467.29	124,887.66
ORLANDO UTILITIES COMMISSION		SCH. - MA	1,375.0	0.0	1,375.0	0.000	0.688	0.00	9,460.44	9,460.44
MACQUARIE ENERGY LLC		SCH. - MA	11,610.0	0.0	11,610.0	5.407	8.341	627,707.70	968,438.89	326,152.75
DUKE ENERGY CAROLINAS		SCH. - MA	3,621.0	0.0	3,621.0	2.191	3.114	79,331.08	112,763.88	31,364.77
MEAG POWER		SCH. - MA	59.0	0.0	59.0	2.208	2.937	1,302.76	1,733.09	387.13
FLORIDA POWER & LIGHT		SCH. - MA	950.0	0.0	950.0	0.000	2.705	0.00	25,697.64	25,697.64
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION		SCH. - MA	62.0	0.0	62.0	3.412	7.469	2,115.72	4,631.04	2,464.90
DOMINION SOUTH CAROLINA		SCH. - MA	1,162.0	0.0	1,162.0	2.345	3.997	27,250.53	46,442.80	18,439.01
CONSTELLATION ENERGY GENERATION		SCH. - MA	750.0	0.0	750.0	8.114	16.307	60,855.00	122,303.38	60,720.88
TENNESSEE VALLEY AUTHORITY		SCH. - MA	7,092.0	0.0	7,092.0	5.442	8.506	385,944.63	603,250.41	210,458.06
CENTRAL FLORIDA TOURISM OVERSIGHT DISTRICT		SCH. - MA	225.0	0.0	225.0	2.901	3.778	6,527.05	8,500.06	1,759.26
SOUTHERN COMPANY		SCH. - MA	3,679.0	0.0	3,679.0	1.277	2.293	46,991.22	84,369.41	35,994.99
THE ENERGY AUTHORITY		SCH. - MA	27,647.0	0.0	27,647.0	4.817	8.416	1,331,837.54	2,326,748.84	973,456.34
MORGAN STANLEY		SCH. - MA	18,125.0	0.0	18,125.0	6.239	12.168	1,130,818.75	2,205,420.42	1,053,757.92
RAINBOW ENERGY		SCH. - MA	7,763.0	0.0	7,763.0	2.907	4.760	225,685.74	369,555.71	135,555.31
SUB-TOTAL CURRENT MONTH			89,394.0	0.0	89,394.0	4.551	8.019	4,068,293.32	7,168,447.52	3,016,927.30
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL CURRENT MONTH			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			3,137.0	0.0	3,137.0	1.556	1.711	48,803.72	53,684.09	2,510.58
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.			86,257.0	0.0	86,257.0	4.660	8.248	4,019,489.60	7,114,763.43	3,014,416.72
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			89,394.0	0.0	89,394.0	4.551	8.019	4,068,293.32	7,168,447.52	3,016,927.30
CURRENT MONTH:										
DIFFERENCE			86,416.7	0.0	86,416.7	0.992	4.270	3,962,321.04	7,056,841.24	3,011,293.30
DIFFERENCE %			2902.6%	0.0%	2902.6%	27.9%	113.9%	3739.0%	6323.0%	53448.6%
PERIOD TO DATE:										
ACTUAL			89,394.0	0.0	89,394.0	4.551	8.019	4,068,293.32	7,168,447.52	3,016,927.30
ESTIMATED			2,977.3	0.0	2,977.3	3.559	3.749	105,972.28	111,606.28	5,634.00
DIFFERENCE			86,416.7	0.0	86,416.7	0.992	4.270	3,962,321.04	7,056,841.24	3,011,293.30
DIFFERENCE %			2902.6%	0.0%	2902.6%	27.9%	113.9%	3739.0%	6323.0%	53448.6%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025**

(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		38,947.7	0.0	0.0	38,947.7	5.484	5.484	2,136,027.14
TOTAL		38,947.7	0.0	0.0	38,947.7	5.484	5.484	2,136,027.14
ACTUAL:								
PASCO COUNTY	SCH. - REH	13,392.0	0.0	0.0	13,392.0	3.833	3.833	513,315.36
ORLANDO UTILITIES	SCH. - J	10,800.0	0.0	0.0	10,800.0	11.470	11.470	1,238,769.38
MACQUARIE ENERGY LLC	SCH. - J	450.0	0.0	0.0	450.0	29.900	29.900	134,550.00
FMPA	SCH. - J	9,000.0	0.0	0.0	9,000.0	12.338	12.338	1,110,448.50
FLA. POWER & LIGHT	SCH. - J	3,500.0	0.0	0.0	3,500.0	16.429	16.429	575,000.00
SOUTHERN COMPANY	SCH. - J	1,050.0	0.0	0.0	1,050.0	14.000	14.000	147,000.00
DUKE ENERGY FLORIDA	SCH. - J	1,200.0	0.0	0.0	1,200.0	10.708	10.708	128,500.00
SEMINOLE ELECTRIC	SCH. - J	15,100.0	0.0	0.0	15,100.0	14.838	14.838	2,240,564.50
SUB-TOTAL CURRENT MONTH		54,492.0	0.0	0.0	54,492.0	11.173	11.173	6,088,147.74
ADJUSTMENTS TO PRIOR MONTHS:								
DUKE ENERGY FLORIDA	November 2024 SCH. - J	(113,051.0)	0.0	0.0	(113,051.0)	3.945	3.945	(4,459,718.84)
DUKE ENERGY FLORIDA	November 2024 SCH. - J	113,051.0	0.0	0.0	113,051.0	3.575	3.575	4,041,115.60
FMPA	December 2024 SCH. - J	(15,525.0)	0.0	0.0	(15,525.0)	0.680	0.680	(105,570.00)
FMPA	December 2024 SCH. - J	15,525.0	0.0	0.0	15,525.0	4.582	4.582	711,397.07
SEMINOLE ELECTRIC	December 2024 SCH. - J	(13,250.0)	0.0	0.0	(13,250.0)	7.066	7.066	(936,250.00)
SEMINOLE ELECTRIC	December 2024 SCH. - J	13,250.0	0.0	0.0	13,250.0	5.688	5.688	753,668.50
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.0	0.000	0.000	4,642.33
SUB-TOTAL SCHEDULE REH PURCHASED POWER		13,392.0	0.0	0.0	13,392.0	3.833	3.833	513,315.36
SUB-TOTAL SCHEDULE J PURCHASED POWER		41,100.0	0.0	0.0	41,100.0	13.575	13.575	5,579,474.71
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
TOTAL		54,492.0	0.0	0.0	54,492.0	11.181	11.181	6,092,790.07
CURRENT MONTH:								
DIFFERENCE		15,544.3	0.0	0.0	15,544.3	5.697	5.697	3,956,762.93
DIFFERENCE %		39.9%	0.0%	0.0%	39.9%	103.9%	103.9%	185.2%
PERIOD TO DATE:								
ACTUAL		54,492.0	0.0	0.0	54,492.0	11.181	11.181	6,092,790.07
ESTIMATED		38,947.7	0.0	0.0	38,947.7	5.484	5.484	2,136,027.14
DIFFERENCE		15,544.3	0.0	0.0	15,544.3	5.697	5.697	3,956,762.93
DIFFERENCE %		39.9%	0.0%	0.0%	39.9%	103.9%	103.9%	185.2%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

(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	(A) FUEL COST	(B) TOTAL COST	TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
ESTIMATED: VARIOUS	COGEN. AS AVAIL.	8,184.0	0.0	0.0	8,184.0	3.335	3.335	272,936.40
TOTAL		<u>8,184.0</u>	<u>0.0</u>	<u>0.0</u>	<u>8,184.0</u>	<u>3.335</u>	<u>3.335</u>	<u>272,936.40</u>
ACTUAL:	AS AVAILABLE							
CARGILL MILLPOINT	COGEN.	21.0	0.0	0.0	21.0	1.631	1.631	342.59
IMC-AGRICO-NEW WALES	COGEN.	65.0	0.0	0.0	65.0	1.620	1.620	1,052.68
IMC-AGRICO-S. PIERCE	COGEN.	2,658.0	0.0	0.0	2,658.0	1.845	1.845	49,032.53
HILLSBOROUGH COUNTY	COGEN.	1.0	0.0	0.0	1.0	1.643	1.643	16.43
SUB-TOTAL CURRENT MONTH		<u>2,745.0</u>	<u>0.0</u>	<u>0.0</u>	<u>2,745.0</u>	<u>1.838</u>	<u>1.838</u>	<u>50,444.23</u>
NET METERING		61.0	0.0	0.0	61.0	2.010	2.010	1,226.32
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>2,806.0</u>	<u>0.0</u>	<u>0.0</u>	<u>2,806.0</u>	<u>1.841</u>	<u>1.841</u>	<u>51,670.6</u>
CURRENT MONTH:								
DIFFERENCE		(5,378.0)	0.0	0.0	(5,378.0)	(1.494)	(1.494)	(221,265.85)
DIFFERENCE %		-65.7%	0.0%	0.0%	-65.7%	-44.8%	-44.8%	-81.1%
PERIOD TO DATE:								
ACTUAL		2,806.0	0.0	0.0	2,806.0	1.841	1.841	51,670.55
ESTIMATED		8,184.0	0.0	0.0	8,184.0	3.335	3.335	272,936.40
DIFFERENCE		(5,378.0)	0.0	0.0	(5,378.0)	(1.494)	(1.494)	(221,265.85)
DIFFERENCE %		-65.7%	0.0%	0.0%	-65.7%	-44.8%	-44.8%	-81.1%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							TOTAL \$ FOR FUEL ADJUSTMENT (5) X (6)	COST IF GENERATED	
PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUP- TIBLE	MWH FOR FIRM	TRANSACTION COSTS CENTS/KWH		(A) CENTS PER KWH	(B) TOTAL COST	FUEL SAVINGS (8B)-7
ESTIMATED:									
VARIOUS	Economy	73,882.3	0.0	73,882.3	8.088	5,975,399.47	2.601	1,922,020.62	(4,053,378.85)
TOTAL		73,882.3	0.0	73,882.3	8.088	5,975,399.47	2.601	1,922,020.62	(4,053,378.85)
ACTUAL:									
FLA. POWER & LIGHT	SCH. - J	100.0	0.0	100.0	4.200	4,200.00	4.779	4,779.00	579.00
DUKE ENERGY FLORIDA	SCH. - J	1,798.0	0.0	1,798.0	2.441	43,890.42	2.570	46,210.86	2,320.44
NORTH CAROLINA ELECTRIC MEMBERSHIP CORPORATION	SCH. - J	20.0	0.0	20.0	2.557	511.49	3.242	648.35	136.86
ORLANDO UTIL. COMM.	SCH. - J	100.0	0.0	100.0	4.500	4,500.00	4.585	4,585.00	85.00
THE ENERGY AUTHORITY	SCH. - J	12.0	0.0	12.0	2.293	275.20	3.996	479.56	204.36
MEAG POWER	SCH. - J	7.0	0.0	7.0	2.343	164.01	2.539	177.73	13.72
SOUTHERN COMPANY	SCH. - J	8.0	0.0	8.0	2.893	231.44	3.057	244.56	13.12
SUB-TOTAL CURRENT MONTH		2,045.0	0.0	2,045.0	2.629	53,772.56	2.793	57,125.06	3,352.50
NO ADJUSTMENTS TO PRIOR MONTHS:									
DUKE ENERGY FLORIDA	November 2024 SCH. - J	(26,786.0)	0.0	(26,786.0)	3.694	(989,424.11)	4.184	(1,120,613.64)	(131,189.53)
DUKE ENERGY FLORIDA	November 2024 SCH. - J	26,786.0	0.0	26,786.0	3.357	899,312.55	3.847	1,030,502.08	131,189.53
SUB-TOTAL CURRENT MONTH		0.0	0.0	0.0	0.000	(90,111.56)	0.000	(90,111.56)	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		2,045.0	0.0	2,045.0	(1.777)	(36,339.00)	(1.613)	(32,986.50)	3,352.50
TOTAL		2,045.0	0.0	2,045.0	(1.777)	(36,339.00)	(1.613)	(32,986.50)	3,352.50
CURRENT MONTH:									
DIFFERENCE		(71,837.3)	0.0	(71,837.3)	(9.865)	(6,011,738.47)	(4.214)	(1,955,007.12)	4,056,731.35
DIFFERENCE %		-97.2%	0.0%	-97.2%	-122.0%	-100.6%	-162.0%	-101.7%	-100.1%
PERIOD TO DATE:									
ACTUAL		2,045.0	0.0	2,045.0	(1.777)	(36,339.00)	(1.613)	(32,986.50)	3,352.50
ESTIMATED		73,882.3	0.0	73,882.3	8.088	5,975,399.47	2.601	1,922,020.62	(4,053,378.85)
DIFFERENCE		(71,837.3)	0.0	(71,837.3)	(9.865)	(6,011,738.47)	(4.214)	(1,955,007.12)	4,056,731.35
DIFFERENCE %		-97.2%	0.0%	-97.2%	-122.0%	-100.6%	-162.0%	-101.7%	-100.1%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: January 2025

CONTRACT	TERM		CONTRACT TYPE												
	START	END													
SEMINOLE ELECTRIC ** DEF FWPA ORLANDO UTILITIES FLORIDA POWER & LIGHT	6/1/1982		LT	QF = QUALIFYING FACILITY											
	12/01/2024-02/28/2025		ST	LT = LONG TERM											
	12/01/2024-02/28/2025		ST	ST = SHORT-TERM											
	01/01/2025-02/28/2025		ST												
	12/13/2024-02/17/2025		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	3.8														
DEF	250.0														
FWPA	100.0														
ORLANDO UTILITIES	150.0														
FLORIDA POWER & LIGHT	300.0														
CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)		
TOTAL PURCHASES AND (SALES)	\$ 3,034,748	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,034,748		
TOTAL CAPACITY	\$ 3,034,748	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,034,748		

**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