

AUSLEY McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

July 25, 2019

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. 20190001-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 2019.

Thank you for your assistance in connection with this matter.

Sincerely,


James D. Beasley

JDB/ne

Attachment

cc: All Parties of Record (w/attachment)
Michael Barrett (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, 2019 to the following:

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

Ms. Patricia A. Christensen
Associate Public Counsel
Office of Public Counsel
111 West Madison Street – Room 812
Tallahassee, FL 32399-1400
christensen.patty@leg.state.fl.us

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

Mr. Matthew R. Bernier
Senior Counsel
Duke Energy Florida
106 East College Avenue, Suite 800
Tallahassee, FL 32301-7740
Matthew.bernier@duke-energy.com

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

Holly Henderson
Senior Manager Regulatory Affairs
Gulf Power Company
215 South Monroe Street, Suite 618
Tallahassee FL 32301
holly.henderson@nexteraenergy.com

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

Maria Moncada
Senior Attorney
Mr. Joel T. Baker
Principal Attorney
Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
maria.moncada@fpl.com
joel.baker@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. Russell A. Badders
Vice President & Associate General Counsel
Gulf Power Company
One Energy Place
Pensacola FL 32520
russell.badders@nexteraenergy.com

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

Mr. Steven R. Griffin
Beggs & Lane
P.O. Box 12950
Pensacola FL 32591
srg@beggslane.com

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



ATTORNEY



TAMPA ELECTRIC COMPANY
TABLE OF CONTENTS

Includes Mid-Course Estimates for Month and PTD June 2019

1. Schedule A1 - A9 & A12	June 2019	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: June 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	47,406,580	48,145,031	(738,451)	-1.5%	1,793,816	1,789,020	4,796	0.3%	2.64278	2.69114	(0.04836)	-1.8%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	372,930	372,930	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	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)	47,779,510	48,517,961	(738,451)	-1.5%	1,793,816	1,789,020	4,796	0.3%	2.66357	2.71199	(0.04842)	-1.8%
6. Fuel Cost of Purchased Power - Firm (A7)	11,567	0	11,567	0.0%	765	0	765	0.0%	1.51203	0.00000	1.51203	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	7,939,932	5,716,820	2,223,112	38.9%	215,886	157,360	58,526	37.2%	3.67784	3.63296	0.04488	1.2%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	282,612	187,380	95,232	50.8%	14,576	7,460	7,116	95.4%	1.93889	2.51180	(0.57291)	-22.8%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	8,234,111	5,904,200	2,329,911	39.5%	231,227	164,820	66,407	40.3%	3.56105	3.58221	(0.02116)	-0.6%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					2,025,043	1,953,840	71,203	3.6%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	29,913	23,380	6,533	27.9%	1,716	990	726	73.3%	1.74318	2.36162	(0.61843)	-26.2%
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)	247,027	41,632	205,395	493.4%	8,763	930	7,833	842.3%	2.81898	4.47656	(1.65758)	-37.0%
18. Gains on Sales	160,807	5,340	155,467	2911.4%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	437,747	70,352	367,395	522.2%	10,479	1,920	8,559	445.8%	4.17737	3.66417	0.51321	14.0%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					(82)	0	(82)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					2,074	0	2,074	0.0%				
22. Interchange and Wheeling Losses					2,323	47	2,276	4872.6%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	55,575,874	54,351,809	1,224,065	2.3%	2,014,233	1,951,873	62,360	3.2%	2.75916	2.78460	(0.02544)	-0.9%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(51,845) (a)	2,330,346 (a)	(2,382,191)	-102.2%	(1,879)	83,687	(85,566)	-102.2%	2.75918	2.78460	(0.02542)	-0.9%
25. Company Use	87,962 (a)	86,323 (a)	1,639	1.9%	3,188	3,100	88	2.8%	2.75916	2.78461	(0.02545)	-0.9%
26. T & D Losses	3,288,254 (a)	1,088,451 (a)	2,199,803	202.1%	119,176	39,088	80,088	204.9%	2.75916	2.78460	(0.02544)	-0.9%
27. System KWH Sales	55,575,874	54,351,809	1,224,065	2.3%	1,893,748	1,825,998	67,750	3.7%	2.93470	2.97655	(0.04185)	-1.4%
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	55,575,874	54,351,809	1,224,065	2.3%	1,893,748	1,825,998	67,750	3.7%	2.93470	2.97655	(0.04185)	-1.4%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	55,575,874	54,351,809	1,224,065	2.3%	1,893,748	1,825,998	67,750	3.7%	2.93470	2.97655	(0.04185)	-1.4%
32. Adjustment-BB Unit 2 Outage Replacement Power Cost T-up	0	0	0	0.0%	1,893,748	1,825,998	67,750	3.7%	0.00000	0.00000	0.00000	0.0%
33. True-up *	3,949,496	3,949,496	0	0.0%	1,893,748	1,825,998	67,750	3.7%	0.20855	0.21629	(0.00774)	-3.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	59,525,370	58,301,305	1,224,065	2.1%	1,893,748	1,825,998	67,750	3.7%	3.14326	3.19285	(0.04959)	-1.6%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	59,568,228	58,343,282	1,224,946	2.1%	1,893,748	1,825,998	67,750	3.7%	3.14552	3.19514	(0.04962)	-1.6%
37. GPIF * (Already Adjusted for Taxes)	(188,418)	(188,418)	0	0.0%	1,893,748	1,825,998	67,750	3.7%	(0.00995)	(0.01032)	0.00037	-3.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	59,379,810	58,154,864	1,224,946	2.1%	1,893,748	1,825,998	67,750	3.7%	3.13557	3.18482	(0.04925)	-1.5%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.136	3.185	(0.049)	-1.5%

* 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: June 2019

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	270,064,043	293,452,008	(23,387,965)	-8.0%	9,479,459	9,394,310	85,149	0.9%	2.84894	3.12372	(0.27478)	-8.8%
2. Spent Nuclear Fuel Disposal Cost	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
3. Coal Car Investment	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4a. Adjustments - Big Bend Units 1-4 Igniters Conversion Project	2,270,329	2,270,329	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	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)	272,334,372	295,722,337	(23,387,965)	-7.9%	9,479,459	9,394,310	85,149	0.9%	2.87289	3.14789	(0.27500)	-8.7%
6. Fuel Cost of Purchased Power - Firm (A7)	214,471	0	214,471	0.0%	3,887	0	3,887	0.0%	5.51765	0.00000	5.51765	0.0%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	14,633,966	8,277,810	6,356,156	76.8%	365,770	216,010	149,760	69.3%	4.00087	3.83214	0.16872	4.4%
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)	2,273,388	1,291,410	981,978	76.0%	101,302	45,060	56,242	124.8%	2.24417	2.86598	(0.62181)	-21.7%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	17,121,825	9,569,220	7,552,605	78.9%	470,959	261,070	209,889	80.4%	3.63552	3.66538	(0.02986)	-0.8%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					9,950,418	9,655,380	295,038	3.1%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	334,764	150,070	184,694	123.1%	16,527	5,360	11,167	208.3%	2.02556	2.79981	(0.77426)	-27.7%
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)	741,802	244,185	497,617	203.8%	28,930	6,000	22,930	382.2%	2.56413	4.06975	(1.50562)	-37.0%
18. Gains on Sales	455,162	31,968	423,194	1323.8%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	1,531,728	426,223	1,105,505	259.4%	45,457	11,360	34,097	300.1%	3.36962	3.75196	(0.38234)	-10.2%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					256	0	256	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					15,831	0	15,831	0.0%				
22. Interchange and Wheeling Losses					16,900	268	16,632	6196.2%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	287,924,469	304,865,334	(16,940,865)	-5.6%	9,904,148	9,643,752	260,396	2.7%	2.90711	3.16127	(0.25416)	-8.0%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	6,761,039 (a)	5,625,568 (a)	1,135,471	20.2%	252,327	232,118	20,209	8.7%	2.67948	2.42358	0.25589	10.6%
25. Company Use	519,462 (a)	595,853 (a)	(76,391)	-12.8%	17,730	18,600	(870)	-4.7%	2.92985	3.20351	(0.27366)	-8.5%
26. T & D Losses	14,369,542 (a)	12,827,820 (a)	1,541,722	12.0%	493,514	394,328	99,186	25.2%	2.91168	3.25309	(0.34141)	-10.5%
27. System KWH Sales	287,924,469	304,865,334	(16,940,865)	-5.6%	9,140,577	8,998,706	141,871	1.6%	3.14996	3.38788	(0.23792)	-7.0%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	287,924,469	304,865,334	(16,940,865)	-5.6%	9,140,577	8,998,706	141,871	1.6%	3.14996	3.38788	(0.23792)	-7.0%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	287,924,469	304,865,334	(16,940,865)	-5.6%	9,140,577	8,998,706	141,871	1.6%	3.14996	3.38788	(0.23792)	-7.0%
32. Adjustments - Schedule A2, page 2, lines 6c and 7a	0	0	0	0.0%	9,140,577	8,998,706	141,871	1.6%	0.00000	0.00000	0.00000	0.0%
33. True-up *	10,094,616	10,094,616	0	0.0%	9,140,577	8,998,706	141,871	1.6%	0.11044	0.11218	(0.00174)	-1.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	298,019,085	314,959,950	(16,940,865)	-5.4%	9,140,577	8,998,706	141,871	1.6%	3.26040	3.50006	(0.23966)	-6.8%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	298,233,659	315,186,720	(16,953,061)	-5.4%	9,140,577	8,998,706	141,871	1.6%	3.26274	3.50258	(0.23984)	-6.8%
37. GPIF * (Already Adjusted for Taxes)	(1,130,508)	(1,130,508)	0	0.0%	9,140,577	8,998,706	141,871	1.6%	(0.01237)	(0.01256)	0.00019	-1.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	297,103,151	314,056,212	(16,953,061)	-5.4%	9,140,577	8,998,706	141,871	1.6%	3.25037	3.49002	(0.23965)	-6.9%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.250	3.490	(0.240)	-6.9%

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

	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	47,406,580	48,145,031	(738,451)	-1.5%	270,064,043	293,452,008	(23,387,965)	-8.0%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	276,940	65,012	211,928	326.0%	1,076,566	394,255	682,311	173.1%
2a. GAINS FROM SALES	160,807	5,340	155,467	2911.4%	455,162	31,968	423,194	1323.8%
3. FUEL COST OF PURCHASED POWER	11,567	0	11,567	0.0%	214,471	0	214,471	0.0%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	282,612	187,380	95,232	50.8%	2,273,388	1,291,410	981,978	76.0%
4. ENERGY COST OF ECONOMY PURCHASES	7,939,932	5,716,820	2,223,112	38.9%	14,633,966	8,277,810	6,356,156	76.8%
5. TOTAL FUEL & NET POWER TRANSACTION	55,202,944	53,978,879	1,224,065	2.3%	285,654,140	302,595,005	(16,940,865)	-5.6%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	372,930	372,930	0	0.0%	2,270,329	2,270,329	0	0.0%
6b. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	55,575,874	54,351,809	1,224,065	2.3%	287,924,469	304,865,334	(16,940,865)	-5.6%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,893,748	1,825,998	67,750	3.7%	9,140,577	8,998,706	141,871	1.6%
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%
3. TOTAL SALES	1,893,748	1,825,998	67,750	3.7%	9,140,577	8,998,706	141,871	1.6%
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 2019

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	61,699,104	59,410,921	2,288,183	3.9%	270,493,923	266,579,446	3,914,477	1.5%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	(3,949,496)	(3,949,496)	0	0.0%	(10,094,616)	(10,094,616)	0	0.0%	
2b. GPIF PROVISION	188,418	188,418	0	0.0%	1,130,508	1,130,508	0	0.0%	
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	57,938,026	55,649,843	2,288,183	4.1%	261,529,815	257,615,338	3,914,477	1.5%	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	55,575,874	54,351,809	1,224,065	2.3%	287,924,469	304,865,334	(16,940,865)	-5.6%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-	
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	55,575,874	54,351,809	1,224,065	2.3%	287,924,469	304,865,334	(16,940,865)	-5.6%	
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-	
6b. (LINE C6 x LINE C6a)	55,575,874	54,351,809	1,224,065	2.3%	287,924,469	304,865,334	(16,940,865)	-5.6%	
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	55,575,874	54,351,809	1,224,065	2.3%	287,924,469	304,865,334	(16,940,865)	-5.6%	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	2,362,152	1,298,034	1,064,118	82.0%	(26,394,654)	(47,249,996)	20,855,342	-44.1%	
8. INTEREST PROVISION FOR THE MONTH	(111,663)	(81,508)	(30,155)	37.0%	(655,800)	(451,109)	(204,691)	45.4%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(60,126,732)	(35,757,026)	(24,369,706)	68.2%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	3,949,496	3,949,496	0	0.0%	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	(53,926,747)	(30,591,004)	(23,335,743)	76.3%	-----NOT APPLICABLE-----				

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	(60,126,732)	(35,757,026)	(24,369,706)	68.2%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>(53,815,084)</u>	<u>(30,509,496)</u>	<u>(23,305,588)</u>	<u>76.4%</u>	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(113,941,816)</u>	<u>(66,266,522)</u>	<u>(47,675,294)</u>	<u>71.9%</u>	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(56,970,908)	(33,133,261)	(23,837,647)	71.9%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	2.390	2.950	(0.560)	-19.0%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>2.320</u>	<u>2.950</u>	<u>(0.630)</u>	<u>-21.4%</u>	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	<u>4.710</u>	<u>5.900</u>	<u>(1.190)</u>	<u>-20.2%</u>	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	2.355	2.950	(0.595)	-20.2%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.196	0.246	(0.050)	-20.3%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(111,663)</u>	<u>(81,508)</u>	<u>(30,155)</u>	<u>37.0%</u>	NOT APPLICABLE			

5

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

	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	12,035	0	12,035	0.0%	29,065	142,781	(113,716)	-79.6%
3 COAL	5,276,546	4,358,991	917,555	21.0%	24,370,907	29,669,311	(5,298,404)	-17.9%
4 NATURAL GAS	42,117,999	43,786,040	(1,668,041)	-3.8%	245,664,071	263,639,916	(17,975,845)	-6.8%
5 SOLAR	0	0	0	0.0%	0	0	0	0.0%
6 OTHER	0	0	0	0.0%	0	0	0	0.0%
7 TOTAL (\$)	47,406,580	48,145,031	(738,451)	-1.5%	270,064,043	293,452,008	(23,387,965)	-8.0%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	0	0	0.0%	67	600	(533)	-88.8%
10 COAL	150,660	123,270	27,390	22.2%	659,543	923,110	(263,567)	-28.6%
11 NATURAL GAS	1,577,414	1,568,710	8,704	0.6%	8,442,937	7,917,450	525,487	6.6%
12 SOLAR	65,742	97,040	(31,298)	-32.3%	376,912	553,150	(176,238)	-31.9%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,793,816	1,789,020	4,796	0.3%	9,479,459	9,394,310	85,149	0.9%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	95	0	95	0.0%	228	1,120	(892)	-79.6%
17 COAL (TON)	68,443	64,040	4,403	6.9%	308,561	444,390	(135,829)	-30.6%
18 NATURAL GAS (MCF)	11,971,401	11,165,880	805,521	7.2%	66,406,163	56,977,770	9,428,393	16.5%
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	550	0	550	0.0%	1,329	6,460	(5,131)	-79.4%
23 COAL	1,575,025	1,440,800	134,225	9.3%	7,183,415	9,998,800	(2,815,385)	-28.2%
24 NATURAL GAS	12,258,736	11,456,170	802,566	7.0%	67,794,258	58,458,080	9,336,178	16.0%
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)	13,834,311	12,896,970	937,341	7.3%	74,979,002	68,463,340	6,515,662	9.5%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
29 LIGHT OIL	0.00%	0.00%	0.00%	0.0%	0.00%	0.01%	-0.01%	-88.9%
30 COAL	8.40%	6.89%	1.51%	21.9%	6.96%	9.83%	-2.87%	-29.2%
31 NATURAL GAS	87.94%	87.69%	0.25%	0.3%	89.07%	84.28%	4.79%	5.7%
32 SOLAR	3.66%	5.42%	-1.76%	-32.4%	3.98%	5.89%	-1.91%	-32.5%
33 OTHER	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
34 TOTAL (%)	100.00%	100.00%	0.00%	0.0%	100.00%	100.00%	0.00%	0.0%
FUEL COST PER UNIT								
35 HEAVY OIL (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
36 LIGHT OIL (\$/BBL)	126.68	0.00	126.68	0.0%	127.48	127.48	(0.00)	0.0%
37 COAL (\$/TON)	77.09	68.07	9.03	13.3%	78.98	66.76	12.22	18.3%
38 NATURAL GAS (\$/MCF)	3.52	3.92	(0.40)	-10.3%	3.70	4.63	(0.93)	-20.0%
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	21.88	0.00	21.88	0.0%	21.87	22.10	(0.23)	-1.1%
43 COAL	3.35	3.03	0.32	10.7%	3.39	2.97	0.43	14.3%
44 NATURAL GAS	3.44	3.82	(0.39)	-10.1%	3.62	4.51	(0.89)	-19.7%
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)	3.43	3.73	(0.31)	-8.2%	3.60	4.29	(0.68)	-16.0%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

	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	0	0	0	0.0%	19,836	10,767	9,069	84.2%
50 COAL	10,454	11,688	(1,234)	-10.6%	10,892	10,832	60	0.6%
51 NATURAL GAS	7,771	7,303	468	6.4%	8,030	7,383	647	8.8%
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)	7,712	7,209	503	7.0%	7,910	7,288	622	8.5%
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	0.00	0.00	0.00	0.0%	43.38	23.80	19.58	82.3%
57 COAL	3.50	3.54	(0.04)	-1.1%	3.70	3.21	0.49	15.3%
58 NATURAL GAS	2.67	2.79	(0.12)	-4.3%	2.91	3.33	(0.42)	-12.6%
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)	2.64	2.69	(0.05)	-1.9%	2.85	3.12	(0.27)	-8.7%

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

(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	275	23.9	-	42.4	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	4,241	30.4	-	53.6	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	207	19.2	-	36.9	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	9,118	18.0	-	36.8	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	11,322	21.1	-	42.4	-	SOLAR	-	-	-	-	-	-
LITHIA SOLAR	74.5	8,988	16.8	-	34.2	-	SOLAR	-	-	-	-	-	-
GRANGE HALL SOLAR	61.1	9,403	21.4	-	42.4	-	SOLAR	-	-	-	-	-	-
PEACE CREEK SOLAR	55.4	7,370	18.5	-	37.3	-	SOLAR	-	-	-	-	-	-
BONNIE MINE SOLAR	37.5	7,262	26.9	-	51.5	-	SOLAR	-	-	-	-	-	-
LAKE HANCOCK SOLAR	49.6	7,556	21.2	-	38.2	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	445.3	65,742	20.5	-	36.1	-	SOLAR	-	-	-	-	-	-
BIG BEND #1 TOTAL	(4) 305	86,621	39.4	98.0	47.2	13,930	GAS	1,281,084	1,024,000	1,311,419.6	4,505,099	5.20	3.52
BIG BEND #2 TOTAL	(4) 340	25,535	10.4	82.0	46.8	12,478	GAS	371,925	1,024,000	380,607.7	1,308,082	5.12	3.52
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)	(4) 345	0	0.0	0.0	0.0	-	GAS	(175,473)	0	(178,982.3)	(612,568)	0.00	3.49
BIG BEND #3 TOTAL	345	0	0.0	0.0	0.0	0	-	-	-	(178,982.3)	(612,568)	0.00	-
B.B.#4 (COAL)	437	151,415	48.1	65.7	67.8	-	COAL	68,443	23,012,211	1,575,024.7	5,199,023	3.43	75.96
B.B.#4 (GAS)	(4) 185	1,394	1.0	65.7	376.8	-	GAS	21,248	1,024,000	21,730.1	74,739	5.36	3.52
BIG BEND #4 TOTAL	437	152,809	48.6	65.7	68.1	10,403	-	-	-	1,596,754.8	5,273,762	3.45	-
B.B. IGNITION	(4) -	-	-	-	-	-	GAS	22,034	0	22,563.0	77,523	-	3.52
BIG BEND CT #4 TOTAL	56	573	1.4	100.0	65.6	13,008	GAS	7,279	1,024,000	7,453.6	25,595	4.47	3.52
BIG BEND STATION TOTAL	1,483	265,538	26.5	61.9	31.7	11,759	-	-	-	3,117,253.4	10,577,493	3.98	-
POLK #1 GASIFIER	(3) 220	(755)	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
POLK #1 CT (GAS)	(4) 150	71,673	65.9	98.9	71.1	12,178	GAS	852,369	1,024,000	872,826.0	2,998,387	2.95	3.52
POLK #1 ST	85	30,117	48.8	97.8	108.2	0	-	-	-	-	-	-	-
POLK #1 TOTAL	235	101,035	59.7	98.5	64.4	8,639	-	-	-	872,826.0	2,998,387	2.97	-
POLK #2 ST DUCT FIRING	(4) 120	13,643	15.8	-	67.5	8,400	GAS	111,910	1,024,000	114,596.0	393,503	2.88	3.52
POLK #2 ST W/O DUCT FIRING	341	156,635	63.8	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	170,278	51.3	79.4	67.5	-	GAS	-	-	114,596.0	393,503	0.23	-
POLK #2 CT (GAS)	(4) 150	17,744	16.4	24.4	87.6	11,463	GAS	198,634	1,024,000	203,401.0	699,186	3.94	3.52
POLK #2 CT (OIL)	(5) 159	0	0.0	24.4	0.0	0	LGT.OIL	95	5,830	550.3	12,035	0.00	126.68
POLK #2 TOTAL	150	17,744	16.4	24.4	87.6	11,494	-	-	-	203,951.3	711,221	4.01	-
POLK #3 CT (GAS)	(4) 150	95,922	88.8	100.0	93.2	11,221	GAS	1,051,079	1,024,000	1,076,305.0	3,696,147	3.85	3.52
POLK #3 CT (OIL)	159	0	0.00	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	150	95,922	88.8	100.0	93.2	11,221	-	-	-	1,076,305.0	3,696,147	3.85	-
POLK #4 TOTAL	(4) 150	87,506	81.0	100.0	95.6	10,947	GAS	935,481	1,024,000	957,933.0	3,289,950	3.76	3.52
POLK #5 TOTAL	(4) 150	78,329	72.5	100.0	94.0	10,988	GAS	840,478	1,024,000	860,650.0	2,955,870	3.77	3.52
POLK #2 CC TOTAL	1,061	449,779	58.9	80.4	58.9	7,144	GAS	-	-	3,213,435.3	11,046,691	2.46	-
POLK STATION TOTAL	1,296	550,814	59.0	83.6	59.0	7,419	-	-	-	4,086,261.3	14,045,078	2.55	-

**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019**

(A)	(B) NET CAP- ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) ⁽²⁾	(L) AS BURNED FUEL COST (\$) ⁽¹⁾	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	131,840	78.6	94.6	78.6	-		-	-	-	-	-	-
BAYSIDE CT1A	156	83,961	74.8	100.0	80.7	11,391	GAS	933,963	1,024,000	956,377.7	3,286,069	3.91	3.52
BAYSIDE CT1B	156	87,794	78.2	100.0	81.0	11,389	GAS	976,414	1,024,000	999,848.4	3,435,430	3.91	3.52
BAYSIDE CT1C	156	67,693	60.3	87.3	80.9	11,127	GAS	735,554	1,024,000	753,207.3	2,587,984	3.82	3.52
BAYSIDE UNIT 1 TOTAL	⁽⁴⁾ 701	371,288	73.6	95.4	73.6	7,297	GAS	2,645,931	1,024,000	2,709,433.4	9,309,483	2.51	3.52
BAYSIDE ST 2	305	189,572	86.3	99.0	86.3	-		-	-	-	-	-	-
BAYSIDE CT2A	156	84,385	75.1	100.0	84.6	10,995	GAS	906,072	1,024,000	927,817.9	3,188,149	3.78	3.52
BAYSIDE CT2B	156	83,464	74.3	100.0	83.4	11,167	GAS	910,179	1,024,000	932,022.9	3,202,600	3.84	3.52
BAYSIDE CT2C	156	88,347	78.7	97.7	83.0	11,286	GAS	973,700	1,024,000	997,069.0	3,426,108	3.88	3.52
BAYSIDE CT2D	156	92,666	82.5	100.0	82.7	11,239	GAS	1,017,085	1,024,000	1,041,494.9	3,578,765	3.86	3.52
BAYSIDE UNIT 2 TOTAL	⁽⁴⁾ 929	538,434	80.5	99.3	80.5	7,240	GAS	3,807,036	1,024,000	3,898,404.6	13,395,622	2.49	3.52
BAYSIDE UNIT 3 TOTAL	⁽⁴⁾ 56	70	0.2	100.0	88.3	11,286	GAS	768	1,024,000	786.6	2,710	3.87	3.53
BAYSIDE UNIT 4 TOTAL	⁽⁴⁾ 56	0	0.0	100.0	0.0	0	GAS	0	0	0.0	12	0.00	0.00
BAYSIDE UNIT 5 TOTAL	⁽⁴⁾ 56	1,514	3.8	98.6	86.7	11,578	GAS	17,119	1,024,000	17,530.1	60,229	3.98	3.52
BAYSIDE UNIT 6 TOTAL	⁽⁴⁾ 56	416	1.0	98.6	85.7	11,152	GAS	4,533	1,024,000	4,641.4	15,953	3.83	3.52
BAYSIDE STATION TOTAL	1,854	911,722	68.3	97.8	68.3	7,273	GAS	6,475,387	1,024,000	6,630,796.2	22,784,009	2.50	3.52
6 SYSTEM	5,078	1,793,816	49.1	82.3	53.7	7,715	-	-	-	13,834,310.9	47,406,580	2.64	-

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

CC = COMBINED CYCLE
ST = STEAM TURBINE

Footnotes:

⁽¹⁾ As burned fuel cost system total includes ignition.
⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.
⁽³⁾ Station Service

⁽⁴⁾ Includes April 2019 adjustments to Big Bend, Polk and Bayside Stations, details on Schedule A5 page 2.
⁽⁵⁾ Net generation MWh rounded to zero due to unit running only 1 service hour.

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019**

**SCHEDULE A5
PAGE 1 OF 2**

	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	0	0	0.0%	0	0	0	0.0%
17 UNIT COST (\$/BBL)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
18 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%
19 BURNED:								
20 UNITS (BBL)	95	0	95	0.0%	228	1,120	(892)	-79.6%
21 UNIT COST (\$/BBL)	126.68	0.00	126.68	0.0%	127.48	127.48	(0.00)	0.0%
22 AMOUNT (\$)	12,035	0	12,035	0.0%	29,065	142,781	(113,716)	-79.6%
23 ENDING INVENTORY:								
24 UNITS (BBL)	43,770	42,878	892	2.1%	43,770	42,878	892	2.1%
25 UNIT COST (\$/BBL)	127.48	127.48	(0.00)	0.0%	127.48	127.48	(0.00)	0.0%
26 AMOUNT (\$)	5,579,990	5,466,274	113,716	2.1%	5,579,990	5,466,274	113,716	2.1%
27								
28 DAYS SUPPLY: NORMAL	6	6	0	0.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	6	0	0.0%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	34,185	70,000	(35,815)	-51.2%	279,588	365,000	(85,412)	-23.4%
32 UNIT COST (\$/TON)	87.09	68.66	18.43	26.8%	70.39	68.38	2.01	2.9%
33 AMOUNT (\$)	2,977,136	4,806,162	(1,829,026)	-38.1%	19,679,544	24,958,525	(5,278,981)	-21.2%
34 BURNED:								
35 UNITS (TONS)	68,443	64,040	4,403	6.9%	308,561	444,390	(135,829)	-30.6%
36 UNIT COST (\$/TON)	77.09	68.07	9.03	13.3%	78.98	66.76	12.22	18.3%
37 AMOUNT (\$)	* 5,276,546	4,358,991	917,555	21.0%	24,370,907	29,669,311	(5,298,404)	-17.9%
38 ENDING INVENTORY:								
39 UNITS (TONS)	323,832	321,828	2,004	0.6%	323,832	321,828	2,004	0.6%
40 UNIT COST (\$/TON)	72.66	74.18	(1.52)	-2.0%	72.66	74.18	(1.52)	-2.0%
41 AMOUNT (\$)	23,530,493	23,873,706	(343,213)	-1.4%	23,530,493	23,873,706	(343,213)	-1.4%
42								
43 DAYS SUPPLY:	151	150	1	0.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	12,152,315	11,165,880	986,435	8.8%	66,598,636	57,372,966	9,225,670	16.1%
46 UNIT COST (\$/MCF)	3.51	3.92	(0.42)	-10.6%	3.53	4.61	(1.08)	-23.4%
47 AMOUNT (\$)	42,623,195	43,811,960	(1,188,765)	-2.7%	235,096,446	264,388,021	(29,291,575)	-11.1%
48 BURNED:								
49 UNITS (MCF)	** 11,971,401	11,165,880	805,521	7.2%	66,406,163	56,977,770	9,428,393	16.5%
50 UNIT COST (\$/MCF)	3.52	3.92	(0.40)	-10.3%	3.70	4.63	(0.93)	-20.0%
51 AMOUNT (\$)	** 42,117,999	43,786,040	(1,668,041)	-3.8%	245,664,071	263,639,916	(17,975,845)	-6.8%
52 ENDING INVENTORY:								
53 UNITS (MCF)	623,407	826,848	(203,441)	-24.6%	623,407	826,848	(203,441)	-24.6%
54 UNIT COST (\$/MCF)	2.94	2.83	0.11	4.0%	2.94	2.83	0.11	4.0%
55 AMOUNT (\$)	1,835,849	2,342,345	(506,496)	-21.6%	1,835,849	2,342,345	(506,496)	-21.6%
56								
57 DAYS SUPPLY:	2	3	(1)	-33.3%	-	-	-	-
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 2019

	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 Big Bend ignition gas adjustment for April 2019 of \$47.73.

** Includes Natural Gas adjustment for April 2019 of:

	Units	Dollars	mmbtu's
Big Bend #1	102,727	361,820.83	104,781.2
Big Bend #2	60,761	213,983.00	61,975.8
Big Bend #3	(175,473)	(612,567.68)	(178,982.3)
Big Bend #4	6,904	24,303.88	7,042.3
Polk #1		1,332.10	
Polk #2 Duct Firing		10.02	
Polk #2		760.34	
Polk #3		398.05	
Polk #4		659.55	
Polk #5		624.01	
Bayside #1		3,152.89	
Bayside #2		5,427.23	
Bayside #3		8.39	
Bayside #4		11.91	
Bayside #5		16.56	
Bayside #6		11.19	
Total	(5,081)	(47.73)	(5,183.1)

(1) RECONCILIATION - LIGHT OIL

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

	UNITS	DOLLARS
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:

	DOLLARS
FUEL ANALYSIS	17,598
NON-INV EXPENSE	371,508
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	77,523
POLK NG IGNITION	0
AERIAL SURVEY ADJ	0
ADDITIVES	0
TOTAL	466,629

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(77,523)
POLK NG IGNITION		0
INVENTORY ADJ	0	0
TOTAL	0	(77,523)

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

(1)	(2)		(3)	(4)	(5)	(6)		(7)	(8)	(9)
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	990.0	0.0	990.0	2.362	2.480	23,380.00	24,552.00	1,172.00
VARIOUS	JURISD.	MKT.BASE	930.0	0.0	930.0	4.477	4.925	41,632.20	45,800.00	4,167.80
TOTAL			1,920.0	0.0	1,920.0	3.386	3.664	65,012.20	70,352.00	5,339.80
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	1,716.0	0.0	1,716.0	1.743	1.918	29,913.42	32,904.76	2,187.61
FLORIDA POWER & LIGHT		SCH. - MA	5,163.0	0.0	5,163.0	2.970	4.650	153,320.86	240,093.97	82,011.11
NEW SMYRNA BEACH		SCH. - MA	22.0	0.0	22.0	1.776	3.567	390.72	784.75	348.41
THE ENERGY AUTHORITY		SCH. - MA	318.0	0.0	318.0	2.241	3.428	7,124.82	10,899.62	3,159.60
MORGAN STANLEY		SCH. - MA	40.0	0.0	40.0	2.262	3.900	904.80	1,559.88	556.28
FMPA		SCH. - MA	3,220.0	0.0	3,220.0	2.649	4.975	85,285.00	160,181.61	72,544.61
LESS 20% - THRESHOLD EXCESS		SCH. - D								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - C								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - CB								0.00
LESS 20% - THRESHOLD EXCESS		SCH. - MA								0.00
SUB-TOTAL CURRENT MONTH			10,479.0	0.0	10,479.0	2.643	4.260	276,939.62	446,424.59	160,807.62
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			1,716.0	0.0	1,716.0	1.743	1.918	29,913.42	32,904.76	2,187.61
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 POWER SALES-JURISD.			8,763.0	0.0	8,763.0	2.819	4.719	247,026.20	413,519.83	158,620.01
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			10,479.0	0.0	10,479.0	2.643	4.260	276,939.62	446,424.59	160,807.62
CURRENT MONTH:										
DIFFERENCE			8,559.0	0.0	8,559.0	(0.743)	0.596	211,927.42	376,072.59	155,467.82
DIFFERENCE %			445.8%	0.0%	445.8%	-21.9%	16.3%	326.0%	534.6%	2911.5%
PERIOD TO DATE:										
ACTUAL			45,458.2	1.2	45,457.0	2.368	3.493	1,076,566.22	1,587,909.34	455,162.82
ESTIMATED			11,360.0	0.0	11,360.0	3.471	3.752	394,254.67	426,223.00	31,968.33
DIFFERENCE			34,098.2	1.2	34,097.0	(1.103)	(0.259)	682,311.55	1,161,686.34	423,194.49
DIFFERENCE %			300.2%	0.0%	300.1%	-31.8%	-6.9%	173.1%	272.6%	1323.8%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019**

(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:								
DUKE ENERGY FLORIDA	OATT	765.0	0.0	0.0	765.0	1.512	1.512	11,566.96
SUB-TOTAL CURRENT MONTH		765.0	0.0	0.0	765.0	1.512	1.512	11,566.96
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 EMERGENCY A PURCHASED POWER		0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		765.0	0.0	0.0	765.0	1.512	1.512	11,566.96
TOTAL		765.0	0.0	0.0	765.0	1.512	1.512	11,566.96
CURRENT MONTH:								
DIFFERENCE		765.0	0.0	0.0	765.0	1.512	1.512	11,566.96
DIFFERENCE %		0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
PERIOD TO DATE:								
ACTUAL		3,887.0	0.0	0.0	3,887.0	5.518	5.518	214,470.89
ESTIMATED		0.0	0.0	0.0	0.0	0.000	0.000	0.00
DIFFERENCE		3,887.0	0.0	0.0	3,887.0	5.518	5.518	214,470.89
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: June 2019

(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.	7,460.0	0.0	0.0	7,460.0	2.512	2.512	187,380.00
TOTAL		<u>7,460.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,460.0</u>	<u>2.512</u>	<u>2.512</u>	<u>187,380.00</u>
ACTUAL:								
	AS AVAILABLE							
CARGILL RIDGEWOOD	COGEN.	649.0	0.0	0.0	649.0	1.689	1.689	10,960.36
CARGILL MILLPOINT	COGEN.	1,011.0	0.0	0.0	1,011.0	2.096	2.096	21,189.09
IMC-AGRICO-NEW WALES	COGEN.	29.0	0.0	0.0	29.0	2.824	2.824	818.87
IMC-AGRICO-S. PIERCE	COGEN.	12,880.0	0.0	0.0	12,880.0	1.937	1.937	249,470.10
SUB-TOTAL CURRENT MONTH		<u>14,569.0</u>	<u>0.0</u>	<u>0.0</u>	<u>14,569.0</u>	<u>1.939</u>	<u>1.939</u>	<u>282,438.42</u>
NET METERING		6.9	0.0	0.0	6.9	2.530	2.530	174.01
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>14,575.9</u>	<u>0.0</u>	<u>0.0</u>	<u>14,575.9</u>	<u>1.939</u>	<u>1.939</u>	<u>282,612.43</u>
CURRENT MONTH:								
DIFFERENCE		7,115.9	0.0	0.0	7,115.9	(0.573)	(0.573)	95,232.43
DIFFERENCE %		95.4%	0.0%	0.0%	95.4%	-22.8%	-22.8%	50.8%
PERIOD TO DATE:								
ACTUAL		101,301.5	0.0	0.0	101,301.5	2.244	2.244	2,273,388.61
ESTIMATED		45,060.0	0.0	0.0	45,060.0	2.866	2.866	1,291,410.00
DIFFERENCE		56,241.5	0.0	0.0	56,241.5	(0.622)	(0.622)	981,978.61
DIFFERENCE %		124.8%	0.0%	0.0%	124.8%	-21.7%	-21.7%	76.0%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUPT- TABLE	(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	157,360.0	0.0	157,360.0	3.633	5,716,820.00	4.026	6,335,980.00	619,160.00
TOTAL		157,360.0	0.0	157,360.0	3.633	5,716,820.00	4.026	6,335,980.00	619,160.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	178,401.0	0.0	178,401.0	3.772	6,728,617.72	4.015	7,163,306.20	434,688.48
FLA. POWER & LIGHT	SCH. - J	250.0	0.0	250.0	2.880	7,200.00	2.941	7,352.00	152.00
ORLANDO UTIL. COMM.	SCH. - J	375.0	0.0	375.0	6.667	25,000.00	6.667	25,000.00	0.00
THE ENERGY AUTHORITY	SCH. - J	1,550.0	0.0	1,550.0	4.800	74,400.00	4.800	74,400.00	0.00
FMPA	SCH. - J	28,800.0	0.0	28,800.0	2.797	805,570.58	2.694	775,733.78	(29,836.80)
MORGAN STANLEY	SCH. - J	1,295.0	0.0	1,295.0	5.012	64,900.00	5.012	64,900.00	0.00
EDF TRADING	SCH. - J	130.0	0.0	130.0	3.212	4,175.00	3.449	4,484.00	309.00
EXGEN	SCH. - J	3,721.0	0.0	3,721.0	4.103	152,657.00	4.140	154,060.00	1,403.00
SOUTHERN COMPANY	SCH. - J	1,364.0	0.0	1,364.0	5.675	77,412.00	5.675	77,412.00	0.00
SUB-TOTAL CURRENT MONTH		215,886.0	0.0	215,886.0	3.678	7,939,932.30	3.866	8,346,647.98	406,715.68
NO ADJUSTMENTS TO PRIOR MONTHS									
FMPA	May 2019 SCH. - J	(29,760.0)	0.0	(29,760.0)	3.043	(905,643.17)	4.480	(1,333,294.37)	(427,651.20)
FMPA	May 2019 SCH. - J	29,760.0	0.0	29,760.0	3.043	905,642.98	4.480	1,333,294.18	427,651.20
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.000	(0.19)	0.000	(0.19)	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		215,886.0	0.0	215,886.0	3.678	7,939,932.11	3.866	8,346,647.79	406,715.68
TOTAL		215,886.0	0.0	215,886.0	3.678	7,939,932.11	3.866	8,346,647.79	406,715.68
CURRENT MONTH:									
DIFFERENCE		58,526.0	0.0	58,526.0	0.045	2,223,112.11	(0.160)	2,010,667.79	(212,444.32)
DIFFERENCE %		37.2%	0.0%	37.2%	1.2%	38.9%	-4.0%	31.7%	-34.3%
PERIOD TO DATE:									
ACTUAL		365,914.0	143.8	365,770.2	4.001	14,633,966.27	4.580	16,752,875.35	2,118,909.08
ESTIMATED		216,010.0	0.0	216,010.0	3.832	8,277,810.00	4.756	10,273,828.00	1,996,018.00
DIFFERENCE		149,904.0	143.8	149,760.2	0.169	6,356,156.27	(0.176)	6,479,047.35	122,891.08
DIFFERENCE %		69.4%	0.0%	69.3%	4.4%	76.8%	-3.7%	63.1%	6.2%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: June 2019

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	QF = QUALIFYING FACILITY LT = LONG TERM 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	8.1	10.8	9.1	9.3	11.5	18.4						

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
----------	--------------	---------------	------------	------------	----------	-----------	-----------	-------------	----------------	--------------	---------------	---------------	------------

TOTAL PURCHASES AND (SALES)	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(315,540)
-----------------------------	----	----------	----	----------	----	---------	----	----------	----	-----------	----	----------	----	---	----	---	----	---	----	---	----	---	----	---	----	---	----	-----------

TOTAL CAPACITY	\$	(55,697)	\$	(79,999)	\$	(5,304)	\$	(34,891)	\$	(105,743)	\$	(33,906)	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	(315,540)
----------------	----	----------	----	----------	----	---------	----	----------	----	-----------	----	----------	----	---	----	---	----	---	----	---	----	---	----	---	----	---	----	-----------

16

**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