

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

October 25, 2018

ELECTRONIC FILING

Ms. Carlotta Stauffer, Director
Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

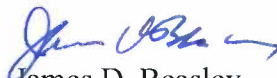
Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance
Incentive Factor FPSC Docket No. 20180001-EI

Dear Ms. Stauffer:

Attached for filing in the above docket are Tampa Electric Company's Schedules A1 - A9
& A12 for the month of September 2018.

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 October, 2018 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, Inc.
299 First Avenue North
St. Petersburg, FL 33701
Dianne.triplett@duke-energy.com

Mr. Matthew R. Bernier
Senior Counsel
Duke Energy Florida, Inc.
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

C. Shane Boyett
Regulatory & Cost Recovery Manager
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780
csboyett@southernco.com

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

Mr. John T. Butler
Maria Moncada
Assistant General Counsel – Regulatory
Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
john.butler@fpl.com
maria.moncada@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. Jeffrey A. Stone
General Counsel
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0100
jastone@southernco.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. Russell A. Badders
Mr. Steven R. Griffin
Beggs & Lane
Post Office Box 12950
Pensacola, FL 32591
rab@beggslane.com
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
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COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	57,715,459	55,242,221	2,473,238	4.5%	1,864,316	1,902,900	(38,584)	-2.0%	3.09580	2.90305	0.19274	6.6%
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	392,582	400,092	(7,510)	-1.9%	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)	58,108,041	55,642,313	2,465,728	4.4%	1,864,316	1,902,900	(38,584)	-2.0%	3.11686	2.92408	0.19278	6.6%
6. Fuel Cost of Purchased Power - Firm (A7)	328,420	254,740	73,680	28.9%	6,644	6,670	(26)	-0.4%	4.94311	3.81919	1.12392	29.4%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	5,358,946	897,480	4,461,466	497.1%	125,805	27,150	98,655	363.4%	4.25972	3.30564	0.95409	28.9%
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)	437,186	184,910	252,276	136.4%	18,242	7,520	10,722	142.6%	2.39659	2.45891	(0.06232)	-2.5%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	6,124,552	1,337,130	4,787,422	358.0%	150,691	41,340	109,351	264.5%	4.06431	3.23447	0.82984	25.7%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					2,015,007	1,944,240	70,767	3.6%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	31,583	25,650	5,933	23.1%	1,432	1,010	422	41.8%	2.20552	2.53960	(0.33409)	-13.2%
15. Fuel Cost of Sch. C/CB Sales (A6)	8,252	0	8,252	0.0%	569	0	569	0.0%	1.45026	0.00000	1.45026	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)	367,292	23,270	344,022	1478.4%	13,525	930	12,595	1354.3%	2.71565	2.50215	0.21350	8.5%
18. Gains on Sales	131,147	4,074	127,073	3119.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	538,274	52,994	485,280	915.7%	15,526	1,940	13,586	700.3%	3.46692	2.73165	0.73527	26.9%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					(127)	0	(127)	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					6,281	0	6,281	0.0%				
22. Interchange and Wheeling Losses					6,642	(54)	6,696	-12403.4%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	63,694,319	56,926,449	6,767,870	11.9%	1,998,993	1,942,354	56,639	2.9%	3.18632	2.93080	0.25552	8.7%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(5,279,924) (a)	(6,638,401) (a)	1,358,477	-20.5%	(165,706)	(226,505)	60,799	-26.8%	3.18632	2.93080	0.25552	8.7%
25. Company Use	114,102 (a)	84,993 (a)	29,109	34.2%	3,581	2,900	681	23.5%	3.18632	2.93079	0.25552	8.7%
26. T & D Losses	4,166,719 (a)	5,677,803 (a)	(1,511,084)	-26.6%	130,769	193,729	(62,960)	-32.5%	3.18632	2.93080	0.25552	8.7%
27. System KWH Sales	63,694,319	56,926,449	6,767,870	11.9%	2,030,349	1,972,230	58,119	2.9%	3.13711	2.88640	0.25071	8.7%
28. Wholesale KWH Sales	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
29. Jurisdictional KWH Sales	63,694,319	56,926,449	6,767,870	11.9%	2,030,349	1,972,230	58,119	2.9%	3.13711	2.88640	0.25071	8.7%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	63,694,319	56,926,449	6,767,870	11.9%	2,030,349	1,972,230	58,119	2.9%	3.13711	2.88640	0.25071	8.7%
32. Adjustment - Jan thru Apr 2018 Adj for Big Bend and Polk Assets Due to Tax Reform Including Interest	0	0	0	0.0%	2,030,349	1,972,230	58,119	2.9%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(1,423,428)	(1,423,428)	0	0.0%	2,030,349	1,972,230	58,119	2.9%	(0.07011)	(0.07217)	0.00207	-2.9%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	62,270,891	55,503,021	6,767,870	12.2%	2,030,349	1,972,230	58,119	2.9%	3.06700	2.81423	0.25278	9.0%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	62,315,726	55,542,983	6,772,743	12.2%	2,030,349	1,972,230	58,119	2.9%	3.06921	2.81625	0.25296	9.0%
37. GPIF * (Already Adjusted for Taxes)	3,949	3,949	0	0.0%	2,030,349	1,972,230	58,119	2.9%	0.00019	0.00020	(0.00001)	-2.9%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	62,319,675	55,546,932	6,772,743	12.2%	2,030,349	1,972,230	58,119	2.9%	3.06940	2.81645	0.25295	9.0%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.069	2.816	0.253	9.0%

* 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: September 2018

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	473,196,109	468,956,210	4,239,899	0.9%	15,117,341	15,498,570	(381,229)	-2.5%	3.13015	3.02580	0.10435	3.4%
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	3,652,107	3,692,826	(40,719)	-1.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	1,650,329	1,650,886	(557)	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)	478,498,545	474,299,922	4,198,623	0.9%	15,117,341	15,498,570	(381,229)	-2.5%	3.16523	3.06028	0.10495	3.4%
6. Fuel Cost of Purchased Power - Firm (A7)	3,971,661	1,757,300	2,214,361	126.0%	80,318	44,360	35,958	81.1%	4.94492	3.96145	0.98347	24.8%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	30,353,376	7,529,720	22,823,656	303.1%	785,295	236,870	548,425	231.5%	3.86522	3.17884	0.68638	21.6%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities & Net Metering (A8)	3,091,034	1,927,210	1,163,824	60.4%	130,362	67,590	62,772	92.9%	2.37112	2.85132	(0.48021)	-16.8%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	37,416,071	11,214,230	26,201,841	233.6%	995,975	348,820	647,155	185.5%	3.75673	3.21490	0.54182	16.9%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					16,113,316	15,847,390	265,926	1.7%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	401,437	219,600	181,837	82.8%	18,383	8,380	10,003	119.4%	2.18374	2.62053	(0.43678)	-16.7%
15. Fuel Cost of Sch. C/CB Sales (A6)	98,015	0	98,015	0.0%	5,515	0	5,515	0.0%	1.77724	0.00000	1.77724	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)	6,082,515	273,562	5,808,953	2123.5%	234,198	8,990	225,208	2505.1%	2.59717	3.04296	(0.44579)	-14.6%
18. Gains on Sales	2,417,346	42,318	2,375,028	5612.3%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	8,999,313	535,480	8,463,833	1580.6%	258,096	17,370	240,726	1385.9%	3.48681	3.08279	0.40402	13.1%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertent Interchange					254	0	254	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					36,320	0	36,320	0.0%				
22. Interchange and Wheeling Losses					41,694	(471)	42,165	-8948.0%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	506,915,303	484,978,672	21,936,631	4.5%	15,850,100	15,830,491	19,609	0.1%	3.19818	3.06357	0.13461	4.4%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	6,954,058 (a)	3,552,802 (a)	3,401,256	95.7%	226,796	122,976	103,820	84.4%	3.06622	2.88902	0.17720	6.1%
25. Company Use	941,868 (a)	804,958 (a)	136,910	17.0%	29,348	26,100	3,248	12.4%	3.20931	3.08413	0.12518	4.1%
26. T & D Losses	26,453,791 (a)	23,716,404 (a)	2,737,387	11.5%	826,986	778,632	48,354	6.2%	3.19882	3.04591	0.15291	5.0%
27. System KWH Sales	506,915,303	484,978,672	21,936,631	4.5%	14,766,970	14,902,783	(135,813)	-0.9%	3.43276	3.25428	0.17848	5.5%
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	506,915,303	484,978,672	21,936,631	4.5%	14,766,970	14,902,783	(135,813)	-0.9%	3.43276	3.25428	0.17848	5.5%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	506,915,303	484,978,672	21,936,631	4.5%	14,766,970	14,902,783	(135,813)	-0.9%	3.43276	3.25428	0.17848	5.5%
32. Adjustments - Schedule A2, page 2, lines 6c, 7a and 8b	147,348	0	147,348	0.0%	14,766,970	14,902,783	(135,813)	-0.9%	0.00100	0.00000	0.00100	0.0%
33. True-up *	(12,810,852)	(12,810,852)	0	0.0%	14,766,970	14,902,783	(135,813)	-0.9%	(0.08675)	(0.08596)	(0.00079)	0.9%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	494,251,799	472,167,820	22,083,979	4.7%	14,766,970	14,902,783	(135,813)	-0.9%	3.34701	3.16832	0.17869	5.6%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	494,607,660	472,507,780	22,099,880	4.7%	14,766,970	14,902,783	(135,813)	-0.9%	3.34942	3.17060	0.17882	5.6%
37. GPIF * (Already Adjusted for Taxes)	35,541	35,541	0	0.0%	14,766,970	14,902,783	(135,813)	-0.9%	0.00024	0.00024	0.00000	0.9%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	494,643,201	472,543,321	22,099,880	4.7%	14,766,970	14,902,783	(135,813)	-0.9%	3.34966	3.17084	0.17882	5.6%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.350	3.171	0.179	5.6%

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

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CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

	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	57,715,459	55,242,221	2,473,238	4.5%	473,196,109	468,956,210	4,239,899	0.9%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	407,127	48,920	358,207	732.2%	6,581,967	493,162	6,088,805	1234.6%
2a. GAINS FROM SALES	131,147	4,074	127,073	3119.1%	2,417,346	42,318	2,375,028	5612.3%
3. FUEL COST OF PURCHASED POWER	328,420	254,740	73,680	28.9%	3,971,661	1,757,300	2,214,361	126.0%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	437,186	184,910	252,276	136.4%	3,091,034	1,927,210	1,163,824	60.4%
4. ENERGY COST OF ECONOMY PURCHASES	5,358,946	897,480	4,461,466	497.1%	30,353,376	7,529,720	22,823,656	303.1%
5. TOTAL FUEL & NET POWER TRANSACTION	63,301,737	56,526,357	6,775,380	12.0%	501,612,867	479,634,960	21,977,907	4.6%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	392,582	400,092	(7,510)	-1.9%	3,652,107	3,692,826	(40,719)	-1.1%
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	0	0	0	0.0%	1,650,329	1,650,886	(557)	0.0%
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	63,694,319	56,926,449	6,767,870	11.9%	506,915,303	484,978,672	21,936,631	4.5%
B. MWH SALES								
1. JURISDICTIONAL SALES	2,030,349	1,972,230	58,119	2.9%	14,766,970	14,902,783	(135,813)	-0.9%
2. NONJURISDICTIONAL SALES	0	0	0	0.0%	0	0	0	0.0%
3. TOTAL SALES	2,030,349	1,972,230	58,119	2.9%	14,766,970	14,902,783	(135,813)	-0.9%
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: September 2018

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE		
			AMOUNT	%			AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	64,894,072	62,591,227	2,302,845	3.7%	461,398,586	466,388,286	(4,989,700)	-1.1%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	1,423,428	1,423,428	0	0.0%	12,810,852	12,810,852	0	0.0%	
2b. INCENTIVE PROVISION	(3,949)	(3,949)	0	0.0%	(35,541)	(35,541)	0	0.0%	
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	66,313,551	64,010,706	2,302,845	3.6%	474,173,897	479,163,597	(4,989,700)	-1.0%	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	63,694,319	56,926,449	6,767,870	11.9%	506,915,303	484,978,672	21,936,631	4.5%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-	
6. JURISDIC. TOTAL FUEL & NET PWR. TRANS.	63,694,319	56,926,449	6,767,870	11.9%	506,915,303	484,978,672	21,936,631	4.5%	
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-	
6b. (LINE C6 x LINE C6a)	63,694,319	56,926,449	6,767,870	11.9%	506,915,303	484,978,672	21,936,631	4.5%	
6c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	63,694,319	56,926,449	6,767,870	11.9%	506,915,303	484,978,672	21,936,631	4.5%	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	2,619,232	7,084,257	(4,465,025)	-63.0%	(32,741,406)	(5,815,075)	(26,926,331)	463.0%	
7a. ADJ-BB UNIT 2 OUTAGE REPLACEMENT POWER COST T-Up	0	0	0	0.0%	(190,412)	0	(190,412)	0.0%	
8. INTEREST PROVISION FOR THE MONTH	(38,543)	(7,526)	(31,017)	412.1%	(49,232)	17,442	(66,674)	-382.3%	
8a. ADJ-DEC 2017 INTEREST ADJUSTMENT FOR BB UNIT 2 OUTAGE REPLACEMENT POWER COST	0	0	0	0.0%	2,670	0	2,670	0.0%	
8b. ADJ - JAN THRU APR 2018 ADJUSTMENT FOR BIG BEND AND POLK ASSETS DUE TO TAX REFORM INCLUDING INTEREST	0	0	0	0.0%	43,064	0	43,064	0.0%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	(22,622,385)	(7,180,651)	(15,441,734)	215.0%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	(1,423,428)	(1,423,428)	0	0.0%	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	(21,465,124)	(1,527,348)	(19,937,776)	1305.4%	-----NOT APPLICABLE-----				

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	(22,622,385)	(7,180,651)	(15,441,734)	215.0%	-----NOT APPLICABLE-----			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	<u>(21,426,581)</u>	<u>(1,519,822)</u>	<u>(19,906,759)</u>	<u>1309.8%</u>	-----NOT APPLICABLE-----			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>(44,048,966)</u>	<u>(8,700,473)</u>	<u>(35,348,493)</u>	<u>406.3%</u>	-----NOT APPLICABLE-----			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	(22,024,483)	(4,350,237)	(17,674,246)	406.3%	-----NOT APPLICABLE-----			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	1.980	1.950	0.030	1.5%	-----NOT APPLICABLE-----			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>2.210</u>	<u>2.200</u>	<u>0.010</u>	<u>0.5%</u>	-----NOT APPLICABLE-----			
7. TOTAL (LINE D5 + LINE D6)	<u>4.190</u>	<u>4.150</u>	<u>0.040</u>	<u>1.0%</u>	-----NOT APPLICABLE-----			
8. AVERAGE INT. RATE (50% OF LINE D7)	2.095	2.075	0.020	1.0%	-----NOT APPLICABLE-----			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.175	0.173	0.002	1.2%	-----NOT APPLICABLE-----			
10. INT. PROVISION (LINE D4 x LINE D9)	<u>(38,543)</u>	<u>(7,526)</u>	<u>(31,017)</u>	<u>412.1%</u>	-----NOT APPLICABLE-----			

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

	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	214	53,543	(53,329)	-99.6%	29,702	515,032	(485,330)	-94.2%
3 COAL	9,555,396	11,925,854	(2,370,458)	-19.9%	111,553,957	127,838,107	(16,284,150)	-12.7%
4 NATURAL GAS	48,159,849	43,262,824	4,897,025	11.3%	361,612,450	340,603,071	21,009,379	6.2%
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 (\$)	57,715,459	55,242,221	2,473,238	4.5%	473,196,109	468,956,210	4,239,899	0.9%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	0	220	(220)	-100.0%	81	2,180	(2,099)	-96.3%
10 COAL	280,702	376,400	(95,698)	-25.4%	3,123,468	4,102,690	(979,222)	-23.9%
11 NATURAL GAS	1,570,751	1,496,860	73,891	4.9%	11,943,550	11,330,450	613,100	5.4%
12 SOLAR	12,863	29,420	(16,557)	-56.3%	50,242	63,250	(13,008)	-20.6%
13 OTHER	0	0	0	0.0%	0	0	0	0.0%
14 TOTAL (MWH)	1,864,316	1,902,900	(38,584)	-2.0%	15,117,341	15,498,570	(381,229)	-2.5%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	2	420	(418)	-99.5%	233	4,040	(3,807)	-94.2%
17 COAL (TON)	124,393	169,900	(45,507)	-26.8%	1,428,228	1,761,020	(332,792)	-18.9%
18 NATURAL GAS (MCF)	12,257,556	10,955,480	1,302,076	11.9%	90,131,531	81,483,130	8,648,401	10.6%
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	0	2,440	(2,440)	-100.0%	1,349	23,520	(22,171)	-94.3%
23 COAL	2,983,642	3,914,400	(930,758)	-23.8%	34,411,526	42,463,640	(8,052,114)	-19.0%
24 NATURAL GAS	12,514,965	11,233,460	1,281,505	11.4%	92,065,028	83,495,450	8,569,578	10.3%
25 SOLAR	0	0	0	0.0%	0	0	0	0.0%
26 OTHER	0	0	0	0.0%	0	0	0	0.0%
27 TOTAL (MMBTU)	15,498,607	15,150,300	348,307	2.3%	126,477,903	125,982,610	495,293	0.4%
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%	0.01%	-0.01%	-100.0%	0.00%	0.01%	-0.01%	-96.2%
30 COAL	15.06%	19.78%	-4.72%	-23.9%	20.66%	26.47%	-5.81%	-21.9%
31 NATURAL GAS	84.25%	78.66%	5.59%	7.1%	79.01%	73.11%	5.90%	8.1%
32 SOLAR	0.69%	1.55%	-0.86%	-55.4%	0.33%	0.41%	-0.08%	-18.6%
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)	107.00	127.48	(20.48)	-16.1%	127.48	127.48	(0.01)	0.0%
37 COAL (\$/TON)	76.82	70.19	6.62	9.4%	78.11	72.59	5.51	7.6%
38 NATURAL GAS (\$/MCF)	3.93	3.95	(0.02)	-0.5%	4.01	4.18	(0.17)	-4.0%
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	0.00	21.94	(21.94)	-100.0%	22.02	21.90	0.12	0.5%
43 COAL	3.20	3.05	0.16	5.1%	3.24	3.01	0.23	7.7%
44 NATURAL GAS	3.85	3.85	(0.00)	-0.1%	3.93	4.08	(0.15)	-3.7%
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)	3.72	3.65	0.08	2.1%	3.74	3.72	0.02	0.5%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

	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	11,091	(11,091)	-100.0%	16,654	10,789	5,865	54.4%
50 COAL	10,629	10,400	229	2.2%	11,017	10,350	667	6.4%
51 NATURAL GAS	7,968	7,505	463	6.2%	7,708	7,369	339	4.6%
52 SOLAR	0	0	0	0.0%	0	0	0	0.0%
53 OTHER	0	0	0	0.0%	0	0	0	0.0%
54 TOTAL (BTU/KWH)	8,313	7,962	351	4.4%	8,366	8,129	237	2.9%
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	24.34	(24.34)	-100.0%	36.67	23.63	13.04	55.2%
57 COAL	3.40	3.17	0.23	7.3%	3.57	3.12	0.45	14.4%
58 NATURAL GAS	3.07	2.89	0.18	6.2%	3.03	3.01	0.02	0.7%
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)	3.10	2.90	0.20	6.9%	3.13	3.03	0.10	3.3%

**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018**

(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	270	23.4	-	46.6	-	SOLAR	-	-	-	-	-	-
BIG BEND SOLAR	19.4	3,736	26.8	-	54.5	-	SOLAR	-	-	-	-	-	-
LEGOLAND SOLAR	1.5	195	18.1	-	37.0	-	SOLAR	-	-	-	-	-	-
PAYNE CREEK SOLAR	70.3	6,980	13.8	-	28.9	-	SOLAR	-	-	-	-	-	-
BALM SOLAR	74.4	1,682	3.1	-	7.4	-	SOLAR	-	-	-	-	-	-
SOLAR TOTAL	167.2	12,863	10.7	-	21.3	-	SOLAR	-	-	-	-	-	-
B.B.#1 (GAS)	305	47,322	21.5	73.1	43.8	-	GAS	568,176	1,021,000	580,107.7	2,232,089	4.72	3.93
B.B.#1 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #1 TOTAL	305	47,322	21.5	73.1	43.8	12,259	-	-	-	580,107.7	2,232,089	4.72	-
B.B.#2 (GAS)	340	102,138	41.7	98.3	41.7	-	GAS	1,214,653	1,021,000	1,240,161.1	4,771,784	4.67	3.93
B.B.#2 (COAL)	0	0	0.0	0.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #2 TOTAL	340	102,138	41.7	98.3	41.7	12,142	-	-	-	1,240,161.1	4,771,784	4.67	-
B.B.#3 (GAS)	345	77,828	31.3	68.0	44.6	-	GAS	884,633	1,021,000	903,210.2	3,475,293	4.47	3.93
B.B.#3 (COAL)	345	0	0.0	68.0	0.0	-	COAL	0	0	0.0	0	0.00	0.00
BIG BEND #3 TOTAL	345	77,828	31.3	68.0	44.6	11,605	-	-	-	903,210.2	3,475,293	4.47	-
B.B.#4 (GAS)	185	99	0.1	98.9	3.6	-	GAS	1,046	1,021,000	1,067.6	4,109	4.15	3.93
B.B.#4 (COAL)	437	238,724	75.9	78.7	75.9	-	COAL	108,655	23,440,049	2,546,878.5	8,088,517	3.39	74.44
BIG BEND #4 TOTAL	437	238,823	75.9	78.7	75.9	10,669	-	-	-	2,547,946.1	8,092,626	3.39	-
B.B. IGNITION	-	-	-	-	-	-	GAS	14,129	1,021,000	14,426.0	55,507	-	3.93
BIG BEND 1-4 COAL TOTAL	437	238,724	75.9	78.7	75.9	10,669	COAL	108,655	23,440,049	2,546,878.5	8,088,517	3.39	74.44
B.B. CT#4 (OIL)	0	0	0.0	0.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	56	292	0.7	75.3	72.4	13,895	GAS	3,974	1,021,000	4,057.2	15,610	5.35	3.93
BIG BEND CT #4 TOTAL	56	292	0.7	75.3	72.4	13,895	-	-	-	4,057.2	15,610	5.35	-
BIG BEND STATION TOTAL	1,483	466,403	43.7	79.4	43.7	11,311	-	-	-	5,275,482.3	18,642,909	4.00	-
POLK #1 GASIFIER	245	41,978	23.8	30.8	74.8	10,405	COAL	15,738	27,752,000	436,763.2	1,411,372	3.36	89.68
POLK #1 CT (GAS)	195	26,139	18.6	50.4	38.4	8,257	GAS	211,381	1,021,000	215,820.0	830,414	3.18	3.93
POLK #1 TOTAL	245	68,117	38.6	46.3	76.6	9,580	-	-	-	652,583.2	2,241,786	3.29	-
POLK #2 ST DUCT FIRING	120	21,744	25.2	-	88.4	8,400	GAS	178,895	1,021,000	182,652.0	702,793	3.23	3.93
POLK #2 ST W/O DUCT FIRING	341	221,691	90.3	-	-	-	-	-	-	-	-	-	-
POLK #2 ST TOTAL	461	243,435	73.3	97.3	74.2	-	GAS	-	-	182,652.0	702,793	0.29	-
POLK #2 CT (GAS)	150	95,370	88.3	98.9	92.8	11,274	GAS	1,053,041	1,021,000	1,075,155.0	4,136,889	4.34	3.93
POLK #2 CT (OIL)	159	0	0.0	98.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	150	95,370	88.3	98.9	92.8	11,274	-	-	-	1,075,155.0	4,136,889	4.34	-
POLK #3 CT (GAS)	150	94,262	87.3	98.5	95.4	11,065	GAS	1,021,533	1,021,000	1,042,985.0	4,013,108	4.26	3.93
POLK #3 CT (OIL)	159	0	0.00	98.5	0.0	0	LGT.OIL	2	0	0.0	214	0.00	107.00
POLK #3 TOTAL	150	94,262	87.3	98.5	95.4	11,065	-	-	-	1,042,985.0	4,013,322	4.26	-
POLK #4 (GAS)	150	90,577	83.9	99.4	92.5	10,937	GAS	970,221	1,021,000	990,596.0	3,811,530	4.21	3.93
POLK #5 (GAS)	150	101,247	93.7	100.0	96.3	10,922	GAS	1,083,084	1,021,000	1,105,829.0	4,254,913	4.20	3.93
POLK #2 CC TOTAL	1,061	624,891	81.8	98.4	82.7	7,037	GAS	-	-	4,397,217.0	16,919,447	2.71	-
POLK STATION TOTAL	1,306	693,008	73.7	88.6	74.5	7,287	-	-	-	5,049,800.2	19,161,233	2.76	-

(3)



SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

SCHEDULE A4
PAGE 2 OF 2

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAP-ABILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	NET AVAIL. FACTOR (%)	NET OUTPUT FACTOR (%)	AVG. NET HEAT RATE BTU/KWH	FUEL TYPE	FUEL BURNED (UNITS)	FUEL HEAT VALUE (BTU/UNIT)	FUEL BURNED (MM BTU) ⁽²⁾	AS BURNED FUEL COST (\$) ⁽¹⁾	FUEL COST PER KWH (cents/KWH)	COST OF FUEL (\$/UNIT)
BAYSIDE ST 1	233	103,828	61.9	99.6	61.9	-		-	-	-	-	-	-
BAYSIDE CT1A	156	68,585	61.1	98.9	80.4	11,617	GAS	780,338	1,021,000	796,725.0	3,066,470	4.47	3.93
BAYSIDE CT1B	156	63,617	56.6	100.0	80.9	11,605	GAS	723,064	1,021,000	738,248.0	2,841,402	4.47	3.93
BAYSIDE CT1C	156	59,703	53.2	100.0	85.9	11,297	GAS	660,568	1,021,000	674,440.0	2,595,814	4.35	3.93
BAYSIDE UNIT 1 TOTAL	701	295,733	58.6	99.9	58.6	7,471	GAS	2,163,970	1,021,000	2,209,413.0	8,503,686	2.88	3.93
BAYSIDE ST 2	305	136,529	62.2	92.6	62.2	-		-	-	-	-	-	-
BAYSIDE CT2A	156	52,123	46.4	100.0	83.6	11,217	GAS	572,648	1,021,000	584,674.0	2,250,317	4.32	3.93
BAYSIDE CT2B	156	48,435	43.1	100.0	83.1	11,430	GAS	542,210	1,021,000	553,596.0	2,130,706	4.40	3.93
BAYSIDE CT2C	156	65,404	58.2	70.7	82.4	11,483	GAS	735,588	1,021,000	751,035.0	2,890,617	4.42	3.93
BAYSIDE CT2D	156	91,596	81.5	100.0	81.5	11,459	GAS	1,027,970	1,021,000	1,049,557.0	4,039,582	4.41	3.93
BAYSIDE UNIT 2 TOTAL	929	394,087	58.9	97.6	58.9	7,457	GAS	2,878,416	1,021,000	2,938,862.0	11,311,222	2.87	3.93
BAYSIDE UNIT 3 TOTAL	56	578	1.4	91.9	104.4	11,689	GAS	6,617	1,021,000	6,756.0	26,003	4.50	3.93
BAYSIDE UNIT 4 TOTAL	56	231	0.6	100.0	87.8	11,359	GAS	2,570	1,021,000	2,624.0	10,099	4.37	3.93
BAYSIDE UNIT 5 TOTAL	56	801	2.0	100.0	83.4	11,205	GAS	8,790	1,021,000	8,975.0	34,543	4.31	3.93
BAYSIDE UNIT 6 TOTAL	56	612	1.5	100.0	93.4	10,938	GAS	6,556	1,021,000	6,694.0	25,764	4.21	3.93
BAYSIDE STATION TOTAL	1,854	692,042	51.8	98.5	51.8	7,475	GAS	5,066,919	1,021,000	5,173,324.0	19,911,317	2.88	3.93
B.B. IGNITION							LGT.OIL				0		
SYSTEM	4,810	1,864,316	53.8	89.6	54.9	8,313	-	-	-	15,498,606.5	57,715,459	3.10	-

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⁾ Maintenance testing, did not generate mwh's

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018**

**SCHEDULE A5
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	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)	2	420	(418)	-99.5%	233	4,040	(3,807)	-94.2%	
21 UNIT COST (\$/BBL)	107.00	127.48	(20.48)	-16.1%	127.48	127.48	(0.01)	0.0%	
22 AMOUNT (\$)	214	53,543	(53,329)	-99.6%	29,702	515,032	(485,330)	-94.2%	
23 ENDING INVENTORY:									
24 UNITS (BBL)	44,170	37,768	6,402	17.0%	44,170	37,768	6,402	17.0%	
25 UNIT COST (\$/BBL)	127.48	127.48	0.00	0.0%	127.48	127.48	0.00	0.0%	
26 AMOUNT (\$)	5,630,936	4,814,777	816,159	17.0%	5,630,936	4,814,777	816,159	17.0%	
27									
28 DAYS SUPPLY: NORMAL	2,986	2,553	433	20.0%	-	-	-	-	
29 DAYS SUPPLY: EMERGENCY	6	5	1	20.0%	-	-	-	-	
COAL⁽²⁾									
30 PURCHASES:									
31 UNITS (TONS)	95,926	162,000	(66,074)	-40.8%	1,335,630	1,723,010	(387,380)	-22.5%	
32 UNIT COST (\$/TON)	71.02	68.06	2.96	4.4%	75.02	72.82	2.20	3.0%	
33 AMOUNT (\$)	6,812,847	11,025,344	(4,212,497)	-38.2%	100,197,752	125,470,389	(25,272,637)	-20.1%	
34 BURNED:									
35 UNITS (TONS)	124,393	169,900	(45,507)	-26.8%	1,428,228	1,761,020	(332,792)	-18.9%	
36 UNIT COST (\$/TON)	76.82	70.19	6.62	9.4%	78.11	72.59	5.51	7.6%	
37 AMOUNT (\$)	9,555,396	11,925,854	(2,370,458)	-19.9%	111,553,957	127,838,107	(16,284,150)	-12.7%	
38 ENDING INVENTORY:									
39 UNITS (TONS)	332,568	576,688	(244,120)	-42.3%	332,568	576,688	(244,120)	-42.3%	
40 UNIT COST (\$/TON)	70.83	68.15	2.68	3.9%	70.83	68.15	2.68	3.9%	
41 AMOUNT (\$)	23,555,210	39,298,574	(15,743,364)	-40.1%	23,555,210	39,298,574	(15,743,364)	-40.1%	
42									
43 DAYS SUPPLY:	54	94	(40)	-40.0%	-	-	-	-	
NATURAL GAS⁽³⁾									
44 PURCHASES:									
45 UNITS (MCF)	12,110,461	10,955,480	1,154,981	10.5%	90,420,722	81,920,874	8,499,848	10.4%	
46 UNIT COST (\$/MCF)	3.94	3.96	(0.01)	-0.3%	4.00	4.18	(0.18)	-4.3%	
47 AMOUNT (\$)	47,769,428	43,344,759	4,424,669	10.2%	361,678,283	342,512,715	19,165,568	5.6%	
48 BURNED:									
49 UNITS (MCF)	12,257,556	10,955,480	1,302,076	11.9%	90,131,531	81,483,130	8,648,401	10.6%	
50 UNIT COST (\$/MCF)	3.93	3.95	(0.02)	-0.5%	4.01	4.18	(0.17)	-4.0%	
51 AMOUNT (\$)	48,159,849	43,262,824	4,897,025	11.3%	361,612,450	340,603,071	21,009,379	6.2%	
52 ENDING INVENTORY:									
53 UNITS (MCF)	1,047,334	1,167,315	(119,981)	-10.3%	1,047,334	1,167,315	(119,981)	-10.3%	
54 UNIT COST (\$/MCF)	3.05	3.01	0.04	1.3%	3.05	3.01	0.04	1.3%	
55 AMOUNT (\$)	3,190,496	3,508,800	(318,304)	-9.1%	3,190,496	3,508,800	(318,304)	-9.1%	
56									
57 DAYS SUPPLY:	4	4	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: September 2018

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
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	31,243
NON-INV EXPENSE	352,991
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	55,507
POLK NG IGNITION	35
AERIAL SURVEY ADJ	0
ADDITIVES	0
TOTAL	439,776

⁽³⁾ RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(55,507)
POLK NG IGNITION		(35)
INVENTORY ADJ	0	32
TOTAL	0	(55,510)

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

(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 (\$)(6A)	(8) TOTAL \$ FOR TOTAL COST (\$)(6B)	(9) GAINS ON MARKET BASED SALES
						(A) FUEL COST	(B) TOTAL COST			
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	1,010.0	0.0	1,010.0	2.540	2.712	25,650.00	27,394.00	1,744.00
VARIOUS	JURISD.	MKT.BASE	930.0	0.0	930.0	2.502	2.753	23,270.40	25,600.00	2,329.60
TOTAL			1,940.0	0.0	1,940.0	2.522	2.732	48,920.40	52,994.00	4,073.60
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	1,432.0	0.0	1,432.0	2.205	2.426	31,582.62	34,740.88	1,547.77
REEDY CREEK		SCH. - CB	468.0	0.0	468.0	1.763	2.000	8,252.01	9,361.17	851.76
EXGEN		SCH. - MA	590.0	0.0	590.0	1.940	2.647	11,445.00	15,617.66	3,767.56
DUKE ENERGY FLORIDA		SCH. - MA	3,500.0	0.0	3,500.0	2.900	3.925	101,500.00	137,381.22	33,975.22
CITY OF LAKELAND		SCH. - MA	600.0	0.0	600.0	2.527	3.428	15,162.00	20,565.65	4,245.65
NEW SMYRNA BEACH		SCH. - MA	3.0	0.0	3.0	3.225	4.451	96.75	133.52	30.68
ORLANDO UTILITIES		SCH. - MA	3,210.0	0.0	3,210.0	2.860	3.994	91,792.95	128,192.47	29,244.12
SOUTHERN COMPANY		SCH. - MA	1,670.0	0.0	1,670.0	2.081	3.025	34,757.00	50,514.48	14,534.58
THE ENERGY AUTHORITY		SCH. - MA	2,222.0	0.0	2,222.0	2.420	3.737	53,773.90	83,044.65	26,038.30
EDF TRADING		SCH. - MA	130.0	0.0	130.0	2.127	2.953	2,765.10	3,838.99	910.79
MACQUARIE ENERGY LLC		SCH. - MA	1,600.0	0.0	1,600.0	3.500	4.500	56,000.00	72,000.00	16,000.00
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			15,425.0	0.0	15,425.0	2.639	3.601	407,127.33	555,390.69	131,146.43
ADJUSTMENTS TO PRIOR MONTHS:										
REEDY CREEK	Aug 2018	SCH. - CB	(447.0)	0.0	(447.0)	2.796	3.131	(12,498.14)	(13,995.86)	(827.28)
REEDY CREEK	Aug 2018	SCH. - CB	548.0	0.0	548.0	2.281	2.554	12,498.14	13,995.86	827.28
SUB-TOTAL ADJUSTMENTS			101.0	0.0	101.0	0.000	0.000	0.00	0.00	0.00
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			1,432.0	0.0	1,432.0	2.205	2.426	31,582.62	34,740.88	1,547.77
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			569.0	0.0	569.0	1.450	1.645	8,252.01	9,361.17	851.76
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			13,525.0	0.0	13,525.0	2.716	3.780	367,292.70	511,288.64	128,746.90
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			15,526.0	0.0	15,526.0	2.622	3.577	407,127.33	555,390.69	131,146.43
CURRENT MONTH:										
DIFFERENCE			13,586.0	0.0	13,586.0	0.100	0.845	358,206.93	502,396.69	127,072.83
DIFFERENCE %			700.3%	0.0%	700.3%	4.0%	30.9%	732.2%	948.0%	3119.4%
PERIOD TO DATE:										
ACTUAL			258,114.0	18.0	258,096.0	2.550	3.622	6,581,968.00	9,347,035.79	2,417,345.29
ESTIMATED			17,370.0	0.0	17,370.0	2.839	3.083	493,163.55	535,480.00	42,316.45
DIFFERENCE			240,744.0	18.0	240,726.0	(0.289)	0.539	6,088,804.45	8,811,555.79	2,375,028.84
DIFFERENCE %			1386.0%	0.0%	1385.9%	-10.2%	17.5%	1234.6%	1645.5%	5612.5%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018**

(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:								
PASCO COGEN	SCH. - D	6,670.0	0.0	0.0	6,670.0	3.819	3.819	254,740.00
TOTAL		6,670.0	0.0	0.0	6,670.0	3.819	3.819	254,740.00
ACTUAL:								
PASCO COGEN	SCH. - D	5,477.0	0.0	0.0	5,477.0	5.176	5.176	283,482.01
DUKE ENERGY FLORIDA	OATT	1,167.0	0.0	0.0	1,167.0	3.851	3.851	44,937.48
SUB-TOTAL CURRENT MONTH		6,644.0	0.0	0.0	6,644.0	4.943	4.943	328,419.49
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL SCHEDULE D PURCHASED POWER		5,477.0	0.0	0.0	5,477.0	5.176	5.176	283,482.01
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		1,167.0	0.0	0.0	1,167.0	3.851	3.851	44,937.48
TOTAL		6,644.0	0.0	0.0	6,644.0	4.943	4.943	328,419.49
CURRENT MONTH:								
DIFFERENCE		(26.0)	0.0	0.0	(26.0)	1.124	1.124	73,679.49
DIFFERENCE %		-0.4%	0.0%	0.0%	-0.4%	29.4%	29.4%	28.9%
PERIOD TO DATE:								
ACTUAL		80,318.0	0.0	0.0	80,318.0	4.945	4.945	3,971,660.14
ESTIMATED		44,360.0	0.0	0.0	44,360.0	3.961	3.961	1,757,300.00
DIFFERENCE		35,958.0	0.0	0.0	35,958.0	0.984	0.984	2,214,360.14
DIFFERENCE %		81.1%	0.0%	0.0%	81.1%	24.8%	24.8%	126.0%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FROM OTHER UTILITIES	(5) MWH FOR INTER- RUPTIBLE	(6) MWH FOR FIRM	(7) CENTS/KWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT (6)X(7A)
						(A) FUEL COST	(B) TOTAL COST	
ESTIMATED:								
VARIOUS								
	COGEN.							
	AS AVAIL.	7,520.0	0.0	0.0	7,520.0	2.459	2.459	184,910.00
TOTAL		<u>7,520.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,520.0</u>	<u>2.459</u>	<u>2.459</u>	<u>184,910.00</u>
ACTUAL:								
AS AVAILABLE								
CARGILL RIDGEWOOD	COGEN.	3,279.0	0.0	0.0	3,279.0	2.318	2.318	76,006.95
CARGILL MILLPOINT	COGEN.	901.0	0.0	0.0	901.0	2.559	2.559	23,059.10
IMC-AGRICO-NEW WALES	COGEN.	201.0	0.0	0.0	201.0	2.485	2.485	4,994.41
IMC-AGRICO-S. PIERCE	COGEN.	13,861.0	0.0	0.0	13,861.0	2.403	2.403	333,124.41
SUB-TOTAL CURRENT MONTH		<u>18,242.0</u>	<u>0.0</u>	<u>0.0</u>	<u>18,242.0</u>	<u>2.397</u>	<u>2.397</u>	<u>437,184.87</u>
NET METERING		0.1	0.0	0.0	0.1	1.210	1.210	1.21
NO ADJUSTMENTS TO PRIOR MONTHS								
TOTAL INCL NET METERING		<u>18,242.1</u>	<u>0.0</u>	<u>0.0</u>	<u>18,242.1</u>	<u>2.397</u>	<u>2.397</u>	<u>437,186.08</u>
CURRENT MONTH:								
DIFFERENCE		10,722.1	0.0	0.0	10,722.1	(0.062)	(0.062)	252,276.08
DIFFERENCE %		142.6%	0.0%	0.0%	142.6%	-2.5%	-2.5%	136.4%
PERIOD TO DATE:								
ACTUAL		130,363.0	0.0	0.0	130,363.0	2.371	2.371	3,091,033.77
ESTIMATED		67,590.0	0.0	0.0	67,590.0	2.851	2.851	1,927,210.00
DIFFERENCE		62,773.0	0.0	0.0	62,773.0	(0.480)	(0.480)	1,163,823.77
DIFFERENCE %		92.9%	0.0%	0.0%	92.9%	-16.8%	-16.8%	60.4%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

(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	27,150.0	0.0	27,150.0	3.306	897,480.00	6.111	1,659,150.00	761,670.00
TOTAL		27,150.0	0.0	27,150.0	3.306	897,480.00	6.111	1,659,150.00	761,670.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	430.0	0.00	430.0	8.593	36,950.00	8.593	36,950.00	0.00
FLA. POWER & LIGHT	SCH. - J	66,000.0	0.0	66,000.0	3.595	2,373,000.00	4.143	2,734,380.00	361,380.00
CITY OF LAKELAND	SCH. - J	900.0	0.0	900.0	10.333	93,000.00	10.333	93,000.00	0.00
ORLANDO UTIL. COMM.	SCH. - J	2,700.0	0.0	2,700.0	10.333	279,000.00	10.333	279,000.00	0.00
THE ENERGY AUTHORITY	SCH. - J	2,112.0	0.0	2,112.0	8.025	169,490.00	8.025	169,490.00	0.00
MORGAN STANLEY	SCH. - J	2,023.0	0.0	2,023.0	6.870	138,971.00	6.870	138,971.00	0.00
EXGEN	SCH. - J	48,837.0	0.0	48,837.0	3.551	1,734,405.00	4.162	2,032,757.00	298,352.00
SOUTHERN COMPANY	SCH. - J	2,803.0	0.0	2,803.0	19.056	534,130.00	19.056	534,130.00	0.00
SUB-TOTAL CURRENT MONTH		125,805.0	0.0	125,805.0	4.260	5,358,946.00	4.784	6,018,678.00	659,732.00
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		125,805.0	0.0	125,805.0	4.260	5,358,946.00	4.784	6,018,678.00	659,732.00
TOTAL		125,805.0	0.0	125,805.0	4.260	5,358,946.00	4.784	6,018,678.00	659,732.00
CURRENT MONTH:									
DIFFERENCE		98,655.0	0.0	98,655.0	0.954	4,461,466.00	(1.327)	4,359,528.00	(101,938.00)
DIFFERENCE %		363.4%	0.0%	363.4%	28.9%	497.1%	-21.7%	262.8%	-13.4%
PERIOD TO DATE:									
ACTUAL		785,722.9	427.8	785,295.1	3.865	30,353,376.59	4.276	33,579,746.13	3,226,369.54
ESTIMATED		236,870.0	0.0	236,870.0	3.179	7,529,720.00	5.020	11,891,590.00	4,361,870.00
DIFFERENCE		548,852.9	427.8	548,425.1	0.686	22,823,656.59	(0.744)	21,688,156.13	(1,135,500.46)
DIFFERENCE %		231.7%	0.0%	231.5%	21.6%	303.1%	-14.8%	182.4%	-26.0%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: September 2018

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
PASCO COGEN LTD	1/1/2009	12/31/2018	LT	QF = QUALIFYING FACILITY
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	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
PASCO COGEN LTD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0			
SEMINOLE ELECTRIC	10.3	7.1	5.9	5.6	0.9	1.9	2.1	2.3	2.1			

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
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TOTAL PURCHASES AND (SALES)	\$ 583,902	\$ 872,960	\$ 668,109	\$ 639,970	\$ 1,074,286	\$ 1,142,022	\$ 1,183,470	\$ 1,251,270	\$ 1,248,984	\$ -	\$ -	\$ -	\$ 8,664,973
TOTAL CAPACITY	\$ 583,902	\$ 872,960	\$ 668,109	\$ 639,970	\$ 1,074,286	\$ 1,142,022	\$ 1,183,470	\$ 1,251,270	\$ 1,248,984	\$ -	\$ -	\$ -	\$ 8,664,973

**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