

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, 2016

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. 160001-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 2016 as well as the following revisions

Schedule A3	August 2016	1 Page	Bates page 6
Schedule A4	August 2016	1 Page	Bates page 8

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 2016 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

Mr. Robert L. McGee, Jr.
Regulatory and Pricing Manager
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780
rlmcgee@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
Assistant General Counsel – Regulatory
Florida Power & Light Company
700 Universe Boulevard (LAW/JB)
Juno Beach, FL 33408-0420
john.butler@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
Mr. Russell A. Badders
Mr. Steven R. Griffin
Beggs & Lane
Post Office Box 12950
Pensacola, FL 32591-2950
jas@beggslane.com
rab@beggslane.com
srg@beggslane.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. 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 2016

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	55,263,771	61,371,801	(6,108,030)	-10.0%	1,634,192	1,755,540	(121,348)	-6.9%	3.38172	3.49589	(0.11417)	-3.3%
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 - Big Bend Units 1-4 Igniters Conversion Project	462,992	402,133	60,859	15.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	312,262	312,643	(381)	-0.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments - Polk Warm Gas Cleanup	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)	56,039,025	62,086,577	(6,047,552)	-9.7%	1,634,192	1,755,540	(121,348)	-6.9%	3.42916	3.53661	(0.10745)	-3.0%
6. Fuel Cost of Purchased Power - Firm (A7)	6,711,798	2,289,820	4,421,978	193.1%	234,787	60,980	173,807	285.0%	2.85868	3.75503	(0.89636)	-23.9%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	4,105,715	1,344,070	2,761,645	205.5%	67,634	30,950	36,684	118.5%	6.07049	4.34271	1.72778	39.8%
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 (A8)	246,074	195,030	51,044	26.2%	11,720	7,540	4,180	55.4%	2.09961	2.58660	(0.48700)	-18.8%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	11,063,587	3,828,920	7,234,667	188.9%	314,141	99,470	214,671	215.8%	3.52185	3.84932	(0.32747)	-8.5%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,948,333	1,855,010	93,323	5.0%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	4,469	29,870	(25,401)	-85.0%	246	1,000	(754)	-75.4%	1.81667	2.98700	(1.17033)	-39.2%
15. Fuel Cost of Sch. C/CB Sales (A6)	91,268	0	91,268	0.0%	6,214	0	6,214	0.0%	1.46875	0.00000	1.46875	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)	302,974	43,905	259,069	590.1%	14,846	1,160	13,686	1179.8%	2.04078	3.78491	(1.74414)	-46.1%
18. Gains on Sales	28,793	5,719	23,074	403.5%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	427,504	79,494	348,010	437.8%	21,306	2,160	19,146	886.4%	2.00650	3.68028	(1.67378)	-45.5%
(L NE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(595)	0	(595)	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					1,236	0	1,236	0.0%				
22. Interchange and Wheeling Losses					1,570	51	1,519	2994.8%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	66,675,108	65,836,003	839,105	1.3%	1,926,098	1,852,799	73,299	4.0%	3.46167	3.55333	(0.09166)	-2.6%
(L NE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(3,334,590) (a)	(3,996,177) (a)	661,587	-16.6%	(96,329)	(112,463)	16,134	-14.3%	3.46167	3.55333	(0.09166)	-2.6%
25. Company Use	109,977 (a)	99,493 (a)	10,484	10.5%	3,177	2,800	377	13.5%	3.46166	3.55332	(0.09166)	-2.6%
26. T & D Losses	2,865,153 (a)	2,978,088 (a)	(112,935)	-3.8%	82,768	83,811	(1,043)	-1.2%	3.46167	3.55333	(0.09166)	-2.6%
27. System KWH Sales	66,675,108	65,836,003	839,105	1.3%	1,936,482	1,878,651	57,831	3.1%	3.44310	3.50443	(0.06132)	-1.7%
28. Wholesale KWH Sales	(47,685)	0	(47,685)	0.0%	(1,243)	0	(1,243)	0.0%	3.83628	0.00000	3.83628	0.0%
29. Jurisdictional KWH Sales	66,627,423	65,836,003	791,420	1.2%	1,935,239	1,878,651	56,588	3.0%	3.44285	3.50443	(0.06158)	-1.8%
30. Jurisdictional Loss Multiplier									1.00018	1.00000	0.00018	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	66,639,416	65,836,003	803,413	1.2%	1,935,239	1,878,651	56,588	3.0%	3.44347	3.50443	(0.06096)	-1.7%
32. Other	0	0	0	0.0%	1,935,239	1,878,651	56,588	3.0%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(2,299,213)	(2,299,213)	0	0.0%	1,935,239	1,878,651	56,588	3.0%	(0.11881)	(0.12239)	0.00358	-2.9%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	64,340,203	63,536,790	803,413	1.3%	1,935,239	1,878,651	56,588	3.0%	3.32466	3.38204	(0.05738)	-1.7%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	64,386,528	63,582,536	803,992	1.3%	1,935,239	1,878,651	56,588	3.0%	3.32706	3.38448	(0.05742)	-1.7%
37. GPIF * (Already Adjusted for Taxes)	104,883	104,883	0	0.0%	1,935,239	1,878,651	56,588	3.0%	0.00542	0.00558	(0.00016)	-2.9%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	64,491,411	63,687,419	803,992	1.3%	1,935,239	1,878,651	56,588	3.0%	3.33248	3.39006	(0.05758)	-1.7%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.332	3.390	(0.058)	-1.7%

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

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
PERIOD TO DATE THROUGH September 2016

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	438,421,221	518,957,846	(80,536,625)	-15.5%	13,572,156	14,626,220	(1,054,064)	-7.2%	3.23030	3.54813	(0.31783)	-9.0%
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	4,265,759	3,701,325	564,434	15.2%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	2,885,293	2,886,495	(1,202)	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments - Polk Warm Gas Cleanup	(478,413)	0	(478,413)	0.0%	(10,931)	0	(10,931)	0.0%	4.37666	0.00000	4.37666	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	445,093,860	525,545,666	(80,451,806)	-15.3%	13,561,225	14,626,220	(1,064,995)	-7.3%	3.28211	3.59317	(0.31107)	-8.7%
6. Fuel Cost of Purchased Power - Firm (A7)	42,350,754	13,890,830	28,459,924	204.9%	1,865,949	378,600	1,487,349	392.9%	2.26966	3.66900	(1.39934)	-38.1%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	7,188,888	9,359,630	(2,170,742)	-23.2%	160,424	240,360	(79,936)	-33.3%	4.48118	3.89400	0.58718	15.1%
8. Energy Cost of Other Econ. Purch. (Non-Broker) (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
9. Energy Cost of Sch. E Economy Purchases (A9)	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
10. Capacity Cost of Sch. E Economy Purchases	0	0	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
11. Payments to Qualifying Facilities (A8)	3,850,599	1,820,940	2,029,659	111.5%	179,094	67,600	111,494	164.9%	2.15004	2.69370	(0.54365)	-20.2%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	53,390,241	25,071,400	28,318,841	113.0%	2,205,467	686,560	1,518,907	221.2%	2.42081	3.65174	(1.23093)	-33.7%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					15,766,692	15,312,780	453,912	3.0%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	70,295	244,330	(174,035)	-71.2%	3,561	8,380	(4,819)	-57.5%	1.97402	2.91563	(0.94161)	-32.3%
15. Fuel Cost of Sch. C/CB Sales (A6)	1,863,639	0	1,863,639	0.0%	84,625	0	84,625	0.0%	2.20223	0.00000	2.20223	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)	751,556	349,421	402,135	115.1%	33,631	12,010	21,621	180.0%	2.23471	2.90942	(0.67471)	-23.2%
18. Gains on Sales	361,457	45,806	315,651	689.1%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	3,046,947	639,557	2,407,390	376.4%	121,817	20,390	101,427	497.4%	2.50125	3.13662	(0.63537)	-20.3%
(L NE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					(1,034)	0	(1,034)	0.0%				
21. Wheeling Rec'd. less Wheeling Delv'd.					17,890	0	17,890	0.0%				
22. Interchange and Wheeling Losses					19,857	462	19,395	4199.3%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	495,437,154	549,977,509	(54,540,355)	-9.9%	15,641,874	15,291,928	349,946	2.3%	3.16738	3.59652	(0.42914)	-11.9%
(L NE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	7,887,989 (a)	7,938,626 (a)	(50,637)	-0.6%	259,776	223,097	36,679	16.4%	3.03646	3.55837	(0.52192)	-14.7%
25. Company Use	800,120 (a)	907,683 (a)	(107,563)	-11.9%	25,351	25,200	151	0.6%	3.15617	3.60192	(0.44575)	-12.4%
26. T & D Losses	21,428,776 (a)	25,091,770 (a)	(3,662,994)	-14.6%	676,810	700,023	(23,213)	-3.3%	3.16614	3.58442	(0.41828)	-11.7%
27. System KWH Sales	495,437,154	549,977,509	(54,540,355)	-9.9%	14,679,937	14,343,608	336,329	2.3%	3.37493	3.83430	(0.45938)	-12.0%
28. Wholesale KWH Sales	(280,705)	0	(280,705)	0.0%	(8,342)	0	(8,342)	0.0%	3.36496	0.00000	3.36496	0.0%
29. Jurisdictional KWH Sales	495,156,449	549,977,509	(54,821,060)	-10.0%	14,671,595	14,343,608	327,987	2.3%	3.37493	3.83430	(0.45937)	-12.0%
30. Jurisdictional Loss Multiplier									-	1.00000	(1.00000)	-100.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	495,229,857	549,977,509	(54,747,652)	-10.0%	14,671,595	14,343,608	327,987	2.3%	3.37543	3.83430	(0.45887)	-12.0%
32. Other	0	0	0	0.0%	14,671,595	14,343,608	327,987	2.3%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(20,692,917)	(20,692,917)	0	0.0%	14,671,595	14,343,608	327,987	2.3%	(0.14104)	(0.14427)	0.00323	-2.2%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	474,536,940	529,284,592	(54,747,652)	-10.3%	14,671,595	14,343,608	327,987	2.3%	3.23439	3.69004	(0.45565)	-12.3%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	474,878,608	529,665,676	(54,787,068)	-10.3%	14,671,595	14,343,608	327,987	2.3%	3.23672	3.69269	(0.45597)	-12.3%
37. GPIF * (Already Adjusted for Taxes)	943,947	943,947	0	0.0%	14,671,595	14,343,608	327,987	2.3%	0.00643	0.00658	(0.00015)	-2.2%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	475,822,555	530,609,623	(54,787,068)	-10.3%	14,671,595	14,343,608	327,987	2.3%	3.24315	3.69927	(0.45612)	-12.3%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									3.243	3.699	(0.456)	-12.3%

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

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF September 2016

	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	55,263,771	61,371,801	(6,108,030)	-10.0%	438,421,221	518,957,846	(80,536,625)	-15.5%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	398,711	73,775	324,936	440.4%	2,685,490	593,751	2,091,739	352.3%
2a. GAINS FROM SALES	28,793	5,719	23,074	403.5%	361,457	45,806	315,651	689.1%
3. FUEL COST OF PURCHASED POWER	6,711,798	2,289,820	4,421,978	193.1%	42,350,754	13,890,830	28,459,924	204.9%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	246,074	195,030	51,044	26.2%	3,850,599	1,820,940	2,029,659	111.5%
4. ENERGY COST OF ECONOMY PURCHASES	4,105,715	1,344,070	2,761,645	205.5%	7,188,888	9,359,630	(2,170,742)	-23.2%
5. TOTAL FUEL & NET POWER TRANSACTION	65,899,854	65,121,227	778,627	1.2%	488,764,515	543,389,689	(54,625,174)	-10.1%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	462,992	402,133	60,859	15.1%	4,265,759	3,701,325	564,434	15.2%
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	312,262	312,643	(381)	-0.1%	2,885,293	2,886,495	(1,202)	0.0%
6c. ADJ. - POLK WARM GAS CLEANUP	0	0	0	0.0%	(478,413)	0	(478,413)	0.0%
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	66,675,108	65,836,003	839,105	1.3%	495,437,154	549,977,509	(54,540,355)	-9.9%
B. MWH SALES								
1. JURISDICTIONAL SALES	1,935,239	1,878,651	56,588	3.0%	14,671,595	14,343,608	327,987	2.3%
2. NONJURISDICTIONAL SALES	1,243	0	1,243	0.0%	8,342	0	8,342	0.0%
3. TOTAL SALES	1,936,482	1,878,651	57,831	3.1%	14,679,937	14,343,608	336,329	2.3%
4. JURISDIC. SALES-% TOTAL MWH SALES	0.9992848	1.0000000	(0.0007152)	-0.1%	-	1.0000000	(1.0000000)	-100.0%

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF September 2016

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	71,889,945	69,758,626	2,131,319	3.1%	538,632,171	526,698,949	11,933,222	2.3%	
2. FUEL ADJUSTMENT NOT APPLICABLE	0	0	0	0.0%	0	0	0	0.0%	
2a. TRUE-UP PROVISION	2,299,213	2,299,213	0	0.0%	20,692,917	20,692,917	0	0.0%	
2b. INCENTIVE PROVISION	(104,883)	(104,883)	0	0.0%	(943,947)	(943,947)	0	0.0%	
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	<u>74,084,275</u>	<u>71,952,956</u>	<u>2,131,319</u>	<u>3.0%</u>	<u>558,381,141</u>	<u>546,447,919</u>	<u>11,933,222</u>	<u>2.2%</u>	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	66,675,108	65,836,003	839,105	1.3%	495,437,154	549,977,509	(54,540,355)	-9.9%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	<u>0.9992848</u>	<u>1.0000000</u>	<u>(0.0007152)</u>	<u>-0.1%</u>	-	-	-	-	
6. JURISDIC. TOTAL FUEL & NET PWR.TRANS.	66,627,423	65,836,003	791,420	1.2%	495,156,449	549,977,509	(54,821,060)	-10.0%	
6a. JURISDIC. LOSS MULTIPLIER	<u>1.00018</u>	<u>1.00000</u>	<u>0.00018</u>	<u>0.0%</u>	-	-	-	-	
6b. (L NE C6 x L NE C6a)	66,639,416	65,836,003	803,413	1.2%	495,229,857	549,977,509	(54,747,652)	-10.0%	
6c. OTHER	0	0	0	0.0%	0	0	0	0.0%	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	<u>66,639,416</u>	<u>65,836,003</u>	<u>803,413</u>	<u>1.2%</u>	<u>495,229,857</u>	<u>549,977,509</u>	<u>(54,747,652)</u>	<u>-10.0%</u>	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	7,444,859	6,116,953	1,327,906	21.7%	63,151,284	(3,529,590)	66,680,874	-1889.2%	
8. INTEREST PROVISION FOR THE MONTH	31,717	2,024	29,693	1467.0%	218,393	111,848	106,545	95.3%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	83,148,245	(339,873)	83,488,118	-24564.5%	-----NOT APPLICABLE-----				
10. TRUE-UP COLLECTED (REFUNDED)	<u>(2,299,213)</u>	<u>(2,299,213)</u>	0	0.0%	-----NOT APPLICABLE-----				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	<u>88,325,608</u>	<u>3,479,891</u>	<u>84,845,717</u>	<u>2438.2%</u>	-----NOT APPLICABLE-----				

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF September 2016

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEG NNING TRUE-UP AMOUNT (LINE C9)	83,148,245	(339,873)	83,488,118	-24564.5%	-----NOT APPLICABLE-----			
2. ENDING TRUE-UP AMOUNT BEFORE NT. (LINES C7 + C9 + C10)	<u>88,293,891</u>	<u>3,477,867</u>	<u>84,816,024</u>	<u>2438.7%</u>	-----NOT APPLICABLE-----			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	<u>171,442,136</u>	<u>3,137,994</u>	<u>168,304,142</u>	<u>5363.4%</u>	-----NOT APPLICABLE-----			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	85,721,068	1,568,997	84,152,071	5363.4%	-----NOT APPLICABLE-----			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	0.410	1.550	(1.140)	-73.5%	-----NOT APPLICABLE-----			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	<u>0.480</u>	<u>1.550</u>	<u>(1.070)</u>	<u>-69.0%</u>	-----NOT APPLICABLE-----			
7. TOTAL (L NE D5 + LINE D6)	<u>0.890</u>	<u>3.100</u>	<u>(2.210)</u>	<u>-71.3%</u>	-----NOT APPLICABLE-----			
8. AVERAGE INT. RATE (50% OF L NE D7)	0.445	1.550	(1.105)	-71.3%	-----NOT APPLICABLE-----			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.037	0.129	(0.092)	-71.3%	-----NOT APPLICABLE-----			
10. INT. PROVISION (L NE D4 x L NE D9)	<u>31,717</u>	<u>2,024</u>	<u>29,693</u>	<u>1467.0%</u>	-----NOT APPLICABLE-----			

5

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF September 2016

	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	0	76,172	(76,172)	-100 0%	1,889,022	601,724	1,287,298	213 9%
3 COAL	28,233,464	35,129,511	(6,896,047)	-19 6%	200,299,726	289,731,103	(89,431,377)	-30 9%
4 NATURAL GAS	27,030,307	26,166,118	864,189	3 3%	235,754,060	228,625,019	7,129,041	3 1%
5 NUCLEAR	0	0	0	0 0%	0	0	0	0 0%
6 OTHER	0	0	0	0 0%	0	0	0	0 0%
7 TOTAL (\$)	55,263,771	61,371,801	(6,108,030)	-10 0%	437,942,808	518,957,846	(81,015,038)	-15 6%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0 0%	0	0	0	0 0%
9 LIGHT OIL	0	330	(330)	-100 0%	182	2,590	(2,408)	-93 0%
10 COAL	825,523	992,870	(167,347)	-16 9%	5,657,772	6,291,970	(634,198)	-10 1%
11 NATURAL GAS	808,402	762,070	46,332	6 1%	7,911,719	8,328,840	(417,121)	-5 0%
12 NUCLEAR	0	0	0	0 0%	0	0	0	0 0%
13 OTHER	267	270	(3)	-1 1%	2,483	2,820	(337)	-12 0%
14 TOTAL (MWH)	1,634,192	1,755,540	(121,348)	-6 9%	13,572,156	14,626,220	(1,054,064)	-7 2%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0 0%	0	0	0	0 0%
16 LIGHT OIL (BBL)	0	610	(610)	-100 0%	532	4,780	(4,248)	-88 9%
17 COAL (TON)	375,588	445,140	(69,552)	-15 6%	2,484,351	2,820,280	(335,929)	-11 9%
18 NATURAL GAS (MCF)	6,401,898	5,696,040	705,858	12 4%	62,376,217	66,842,110	(4,465,893)	-6 7%
19 NUCLEAR (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	3,560	(3,560)	-100 0%	3,071	27,750	(24,679)	-88 9%
23 COAL	8,968,117	10,363,400	(1,395,283)	-13 5%	59,792,245	65,898,330	(6,106,085)	-9 3%
24 NATURAL GAS	6,568,348	5,837,220	731,128	12 5%	63,791,782	68,536,700	(4,744,918)	-6 9%
25 NUCLEAR	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)	15,536,465	16,204,180	(667,715)	-4 1%	123,587,098	134,462,780	(10,875,682)	-8 1%
GENERATION MIX (% MWH)								
28 HEAVY OIL	0 00%	0 00%	0 00%	0 0%	0 00%	0 00%	0 00%	0 0%
29 LIGHT OIL	0 00%	0 02%	-0 02%	-100 0%	0 00%	0 02%	-0 02%	-92 4%
30 COAL	50 52%	56 56%	-6 04%	-10 7%	41 69%	43 02%	-1 33%	-3 1%
31 NATURAL GAS	49 47%	43 41%	6 06%	14 0%	58 29%	56 94%	1 35%	2 4%
32 NUCLEAR	0 00%	0 00%	0 00%	0 0%	0 00%	0 00%	0 00%	0 0%
33 OTHER	0 02%	0 02%	0 00%	6 2%	0 02%	0 02%	0 00%	-5 1%
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)	0 00	124 87	(124 87)	-100 0%	3,550 79	125 88	3,424 91	2720 7%
37 COAL (\$/TON)	75 17	78 92	(3 75)	-4 7%	80 62	102 73	(22 11)	-21 5%
38 NATURAL GAS (\$/MCF)	4 22	4 59	(0 37)	-8 1%	3 78	3 42	0 36	10 5%
39 NUCLEAR (\$/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 40	(21 40)	-100 0%	615 14	21 68	593 45	2736 9%
43 COAL	3 15	3 39	(0 24)	-7 1%	3 35	4 40	(1 05)	-23 8%
44 NATURAL GAS	4 12	4 48	(0 37)	-8 2%	3 70	3 34	0 36	10 8%
45 NUCLEAR	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 56	3 79	(0 23)	-6 1%	3 54	3 86	(0 32)	-8 2%

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF September 2016

	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	10,788	(10,788)	-100 0%	16,873	10,714	6,159	57 5%
50 COAL	10,864	10,438	426	4.1%	10,568	10,473	95	0 9%
51 NATURAL GAS	8,125	7,660	465	6.1%	8,063	8,229	(166)	-2 0%
52 NUCLEAR	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)	9,507	9,230	277	3 0%	9,106	9,193	(87)	-0 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	23.08	(23 08)	-100 0%	1,037.92	23.23	1,014.69	4368 0%
57 COAL	3.42	3.54	(0.12)	-3.4%	3.54	4.60	(1.06)	-23 0%
58 NATURAL GAS	3.34	3.43	(0 09)	-2 6%	2.98	2.74	0.24	8 8%
59 NUCLEAR	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)	3.38	3.50	(0.12)	-3.4%	3.23	3.55	(0.32)	-9 0%

**SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF September 2016**

**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 END NG 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	610	(610)	-100.0%	(25,672)	4,780	(30,452)	-637.1%
17 UNIT COST (\$/BBL)	0.00	100.48	(100.48)	-100.0%	57.05	99.44	(42.39)	-42.6%
18 AMOUNT (\$)	0	61,293	(61,293)	-100.0%	(1,464,602)	475,346	(1,939,948)	-408.1%
19 BURNED:								
20 UNITS (BBL)	0	610	(610)	-100.0%	532	4,780	(4,248)	-88.9%
21 UNIT COST (\$/BBL)	0.00	124.87	(124.87)	-100.0%	3,550.79	125.88	3,424.91	2720.7%
22 AMOUNT (\$)	0	76,172	(76,172)	-100.0%	1,889,022	601,724	1,287,298	213.9%
23 END NG INVENTORY:								
24 UNITS (BBL)	44,488	75,864	(31,376)	-41.4%	44,488	75,864	(31,376)	-41.4%
25 UNIT COST (\$/BBL)	127.48	124.67	2.81	2.3%	127.48	124.67	2.81	2.3%
26 AMOUNT (\$)	5,671,463	9,458,036	(3,786,573)	-40.0%	5,671,463	9,458,036	(3,786,573)	-40.0%
27								
28 DAYS SUPPLY: NORMAL	7,553	12,879	(5,326)	-40.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	6	11	(5)	-45.5%	-	-	-	-
COAL ⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	381,494	413,460	(31,966)	-7.7%	2,251,166	2,780,138	(528,972)	-19.0%
32 UNIT COST (\$/TON)	65.98	73.45	(7.48)	-10.2%	74.52	75.06	(0.54)	-0.7%
33 AMOUNT (\$)	25,169,466	30,370,372	(5,200,906)	-17.1%	167,748,436	208,666,088	(40,917,652)	-19.6%
34 BURNED:								
35 UNITS (TONS)	375,588	445,140	(69,552)	-15.6%	2,484,351	2,820,280	(335,929)	-11.9%
36 UNIT COST (\$/TON)	75.17	78.92	(3.75)	-4.7%	80.62	102.73	(22.11)	-21.5%
37 AMOUNT (\$)	28,233,464	35,129,511	(6,896,047)	-19.6%	200,299,726	289,731,103	(89,431,377)	-30.9%
38 END NG INVENTORY:								
39 UNITS (TONS)	279,397	560,469	(281,072)	-50.1%	279,397	560,469	(281,072)	-50.1%
40 UNIT COST (\$/TON)	60.66	95.42	(34.75)	-36.4%	60.66	95.42	(34.75)	-36.4%
41 AMOUNT (\$)	16,948,992	53,478,182	(36,529,190)	-68.3%	16,948,992	53,478,182	(36,529,190)	-68.3%
42								
43 DAYS SUPPLY:	19	39	(20)	-50.0%	-	-	-	-
NATURAL GAS ⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	6,166,622	5,696,040	470,582	8.3%	62,478,070	67,133,938	(4,655,868)	-6.9%
46 UNIT COST (\$/MCF)	4.36	4.99	(0.63)	-12.7%	3.81	4.66	(0.86)	-18.3%
47 AMOUNT (\$)	26,870,227	28,416,518	(1,546,291)	-5.4%	237,907,946	313,061,890	(75,153,944)	-24.0%
48 BURNED:								
49 UNITS (MCF)	* 6,401,898	5,696,040	705,858	12.4%	62,376,217	66,842,110	(4,465,893)	-6.7%
50 UNIT COST (\$/MCF)	4.22	4.59	(0.37)	-8.1%	3.78	3.42	0.36	10.5%
51 AMOUNT (\$)	27,030,307	26,166,118	864,189	3.3%	235,754,060	228,625,019	7,129,041	3.1%
52 END NG INVENTORY:								
53 UNITS (MCF)	1,020,608	1,167,315	(146,707)	-12.6%	1,020,608	1,167,315	(146,707)	-12.6%
54 UNIT COST (\$/MCF)	2.79	3.28	(0.50)	-15.1%	2.79	3.28	(0.50)	-15.1%
55 AMOUNT (\$)	2,844,026	3,831,840	(987,814)	-25.8%	2,844,026	3,831,840	(987,814)	-25.8%
56								
57 DAYS SUPPLY:	6	7	(1)	-14.3%	-	-	-	-
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 September 2016**

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 END NG 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 adjustment of (19.49) MCF for August 2016

(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	35,516
NON-INV EXPENSE	2,627,322
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	359,843
POLK NG IGNITION	12,314
AERIAL SURVEY ADJ	(1,160,552)
ADDITIVES	0
TOTAL	1,874,443

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		0
BIG BEND NG IGNITION		(359,843)
POLK NG IGNITION		(12,314)
INVENTORY ADJ	0	(238)
TOTAL	0	(372,395)

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: September 2016

(1)	(2)	(3)	(4)	(5)	(6)		(7)	(8)	(9)
SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH WHEELED OTHER SYSTEM	MWH FROM OWN GENERATION	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	TOTAL \$ FOR TOTAL COST (5)X(6B)	GAINS ON MARKET BASED SALES
					(A) FUEL COST	(B) TOTAL COST			
ESTIMATED:									
SEMINOLE	JURISD. SCH. - D	1,000.0	0.0	1,000.0	2.987	3.119	29,870.00	31,194.00	1,324.00
VARIOUS	JURISD. MKT.BASE	1,160.0	0.0	1,160.0	3.785	4.164	43,904.70	48,300.00	4,395.30
TOTAL		2,160.0	0.0	2,160.0	3.415	3.680	73,774.70	79,494.00	5,719.30
ACTUAL:									
SEMINOLE ELEC. PRECO-1	JURISD. SCH. - D	246.4	0.9	245.5	1.821	2.018	4,469.37	4,954.38	324.85
DUKE ENERGY FLORIDA	SCH. - CB	5,190.0	0.0	5,190.0	1.400	1.520	72,685.52	78,913.52	0.00
REEDY CREEK	SCH. - CB	1,024.0	0.0	1,024.0	1.815	1.935	18,582.77	19,811.57	0.00
CARGILL ALLIANT	SCH. - MA	12,231.0	0.0	12,231.0	2.025	2.197	247,699.26	268,665.87	6,289.41
EXGEN	SCH. - MA	900.0	0.0	900.0	2.226	3.600	20,034.00	32,400.00	10,566.00
NEW SMYRNA BEACH	SCH. - MA	4.0	0.0	4.0	2.458	3.441	98.32	137.64	29.08
SEMINOLE ELECTRIC	SCH. - MA	343.0	0.0	343.0	2.048	3.600	7,024.64	12,348.00	4,294.36
THE ENERGY AUTHORITY	SCH. - MA	1,075.0	0.0	1,075.0	2.067	2.756	22,214.90	29,630.88	5,477.98
EDF TRADING	SCH. - MA	43.0	0.0	43.0	1.993	2.738	856.99	1,177.22	227.35
MORGAN STANLEY	SCH. - MA	250.0	0.0	250.0	2.018	2.868	5,045.25	7,168.77	1,583.52
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		21,306.4	0.9	21,305.5	1.871	2.137	398,711.02	455,207.85	28,792.55
NO ADJUSTMENTS TO PRIOR MONTHS									
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.		246.4	0.9	245.5	1.821	2.018	4,469.37	4,954.38	324.85
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		6,214.0	0.0	6,214.0	1.469	1.589	91,268.29	98,725.09	0.00
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.		14,846.0	0.0	14,846.0	2.041	2.368	302,973.36	351,528.38	28,467.70
SUB-TOTAL OATT POWER SALES		0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL		21,306.4	0.9	21,305.5	1.871	2.137	398,711.02	455,207.85	28,792.55
CURRENT MONTH:									
DIFFERENCE		19,146.4	0.9	19,145.5	(1.544)	(1.543)	324,936.32	375,713.85	23,073.25
DIFFERENCE %		886.4%	0.0%	886.4%	-45.2%	-41.9%	440.4%	472.6%	403.4%
PERIOD TO DATE:									
ACTUAL		121,817.3	0.9	121,816.4	2.205	2.702	2,685,488.65	3,291,643.76	361,458.23
ESTIMATED		20,390.0	0.0	20,390.0	2.912	3.137	593,749.60	639,557.00	45,807.40
DIFFERENCE		101,427.3	0.9	101,426.4	(0.707)	(0.435)	2,091,739.05	2,652,086.76	315,650.83
DIFFERENCE %		497.4%	0.0%	497.4%	-24.3%	-13.9%	352.3%	414.7%	689.1%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF September 2016**

(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	SCH. - D	36,190.0	0.0	0.0	36,190 0	3.736	3.736	1,352,100.00
CALPINE	SCH. - D	3,010.0	0.0	0.0	3,010 0	6.531	6 531	196,590.00
PASCO COGEN	SCH. - D	21,780.0	0.0	0.0	21,780 0	3.403	3.403	741,130.00
TOTAL		60,980.0	0.0	0.0	60,980.0	3.755	3.755	2,289,820.00
ACTUAL								
CALPINE	SCH. - D	7,722.0	0.0	0.0	7,722 0	5.281	5.281	407,762.47
PASCO COGEN	SCH. - D	23,332.0	0.0	0.0	23,332 0	4.250	4.250	991,704.80
DUKE ENERGY FLORIDA	SCH. - D	118,355.0	0.0	0.0	118,355 0	2.577	2.577	3,050,117.77
FLA. POWER & LIGHT	SCH. - JCBO	28,900.0	0.0	0.0	28,900 0	2.807	2.807	811,176.00
EXGEN	SCH. - JCBO	55,701.0	0.0	0.0	55,701 0	2.488	2.488	1,385,950.71
DUKE ENERGY FLORIDA	OATT	9.0	0.0	0.0	9 0	50.418	50.418	4,537.59
CALPINE TECM	OATT	236.0	0.0	0.0	236 0	6.758	6.758	15,947.98
CALPINE OSPREY	OATT	273.0	0.0	0.0	273 0	2.065	2.065	5,636.92
SUB-TOTAL CURRENT MONTH		234,528.0	0.0	0.0	234,528.0	2.845	2.845	6,672,834.24
ADJUSTMENTS TO PRIOR MONTHS								
CALPINE	Aug 2016 SCH. - D	(2,223.0)	0.0	0.0	(2,223 0)	6.339	6.339	(140,914.75)
CALPINE	Aug 2016 SCH. - D	2,515.0	0.0	0.0	2,515 0	5.120	5.120	128,777.17
PASCO COGEN	Aug 2016 SCH. - D	(21,525.0)	0.0	0.0	(21,525 0)	4.356	4.356	(937,688.29)
PASCO COGEN	Aug 2016 SCH. - D	21,525.0	0.0	0.0	21,525 0	4.356	4.356	937,688.28
FLA. POWER & LIGHT	Aug 2016 SCH. - JCBO	(14,490.0)	0.0	0.0	(14,490 0)	3.585	3 585	(519,465.90)
FLA. POWER & LIGHT	Aug 2016 SCH. - JCBO	14,490.0	0.0	0.0	14,490 0	3.925	3 925	568,679.90
DUKE ENERGY FLORIDA	Aug 2016 OATT	(430.0)	0.0	0.0	(430 0)	2.490	2.490	(10,705.29)
DUKE ENERGY FLORIDA	Aug 2016 OATT	430.0	0.0	0.0	430 0	2.390	2.390	10,275.82
CALPINE OSPREY	Aug 2016 OATT	(394.0)	0.0	0.0	(394 0)	2.196	2.196	(8,653.96)
CALPINE OSPREY	Aug 2016 OATT	361.0	0.0	0.0	361 0	2.278	2.278	8,224.98
CALPINE TECM	Aug 2016 OATT	(139.0)	0.0	0.0	(139 0)	7.021	7 021	(9,758.90)
CALPINE TECM	Aug 2016 OATT	139.0	0.0	0.0	139 0	8.996	8.996	12,504.93
SUB-TOTAL ADJUSTMENTS		259.0	0.0	0.0	259 0	15.044	15 044	38,963.99
SUB-TOTAL SCHEDULE D PURCHASED POWER		149,701.0	0.0	0.0	149,701 0	2.964	2 964	4,437,447.45
SUB-TOTAL SCHEDULE JCBO PURCHASED POWER		84,601.0	0.0	0.0	84,601 0	2.655	2 655	2,246,340.71
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		485.0	0.0	0.0	485 0	5.775	5.775	28,010.07
TOTAL		234,787.0	0.0	0.0	234,787.0	2.859	2.859	6,711,798.23
CURRENT MONTH								
DIFFERENCE		173,807.0	0.0	0.0	173,807 0	(0.896)	(0.896)	4,421,978.23
DIFFERENCE %		285 0%	0 0%	0 0%	285.0%	-23 9%	-23.9%	193.1%
PERIOD TO DATE								
ACTUAL		1,865,949.0	0.0	0.0	1,865,949 0	2.270	2 270	42,350,752.90
ESTIMATED		378,600.0	0.0	0.0	378,600 0	3.669	3 669	13,890,830.00
DIFFERENCE		1,487,349.0	0.0	0.0	1,487,349 0	(1.399)	(1.399)	28,459,922.90
DIFFERENCE %		392 9%	0 0%	0 0%	392.9%	-38.1%	-38.1%	204.9%

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF September 2016

(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.	7,540.0	0.0	0.0	7,540.0	2.587	2.587	195,030.00
TOTAL		<u>7,540.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,540.0</u>	<u>2.587</u>	<u>2.587</u>	<u>195,030.00</u>
ACTUAL								
	AS AVAILABLE							
McKAY BAY REFUSE	COGEN.	0.0	0.0	0.0	0.0	0.000	0.000	0.00
CARGILL RIDGEWOOD	COGEN.	354.0	0.0	0.0	354.0	2.130	2.130	7,540.19
CARGILL GREEN BAY	COGEN.	0.0	0.0	0.0	0.0	0.000	0.000	0.00
CARGILL MILLPO NT	COGEN.	4,729.0	0.0	0.0	4,729.0	2.095	2.095	99,088.38
CF INDUSTRIES INC.	COGEN.	158.0	0.0	0.0	158.0	2.215	2.215	3,500.25
IMC-AGRIC-NEW WALES	COGEN.	1,883.0	0.0	0.0	1,883.0	2.362	2.362	44,471.46
IMC-AGRIC-S. PIERCE	COGEN.	4,596.0	0.0	0.0	4,596.0	1.990	1.990	91,473.70
HILLSBOROUGH COUNTY	COGEN.	0.0	0.0	0.0	0.0	0.000	0.000	0.00
SUB-TOTAL CURRENT MONTH		<u>11,720.0</u>	<u>0.0</u>	<u>0.0</u>	<u>11,720.0</u>	<u>2.100</u>	<u>2.100</u>	<u>246,073.98</u>
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL FOR AS AVAIL.		<u>11,720.0</u>	<u>0.0</u>	<u>0.0</u>	<u>11,720.0</u>	<u>2.100</u>	<u>2.100</u>	<u>246,073.98</u>
TOTAL		<u>11,720.0</u>	<u>0.0</u>	<u>0.0</u>	<u>11,720.0</u>	<u>2.100</u>	<u>2.100</u>	<u>246,073.98</u>
CURRENT MONTH								
DIFFERENCE		4,180.0	0.0	0.0	4,180.0	(0.487)	(0.487)	51,043.98
DIFFERENCE %		55.4%	0.0%	0.0%	55.4%	-18.8%	-18.8%	26.2%
PERIOD TO DATE								
ACTUAL		179,094.0	0.0	0.0	179,094.0	2.150	2.150	3,850,599.94
ESTIMATED		67,600.0	0.0	0.0	67,600.0	2.694	2.694	1,820,940.00
DIFFERENCE		111,494.0	0.0	0.0	111,494.0	(0.544)	(0.544)	2,029,659.94
DIFFERENCE %		164.9%	0.0%	0.0%	164.9%	-20.2%	-20.2%	111.5%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF September 2016

(1) PURCHASED FROM	(2) TYPE & SCHEDULE	(3) TOTAL MWH PURCHASED	(4) MWH FOR INTERRUP- TIBLE	(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	30,950.0	0.0	30,950.0	4.343	1,344,070.00	4.429	1,370,770.00	26,700.00
TOTAL		30,950.0	0.0	30,950.0	4.343	1,344,070.00	4.429	1,370,770.00	26,700.00
ACTUAL									
OKEELANTA	SCH. - REB	70.0	0.0	70.0	1.800	1,260.00	2.582	1,807.40	547.40
DUKE ENERGY FLOR DA	SCH. - J	14,165.0	162.0	14,003.0	8.209	1,149,525.00	8.209	1,149,525.00	0.00
FLA. POWER & LIGHT	SCH. - J	18,304.0	0.0	18,304.0	4.158	761,127.00	4.247	777,284.99	16,157.99
ORLANDO UT L. COMM.	SCH. - J	1,884.0	0.0	1,884.0	5.799	109,260.00	5.861	110,415.50	1,155.50
THE ENERGY AUTHORITY	SCH. - J	945.0	0.0	945.0	5.163	48,790.00	5.985	56,559.30	7,769.30
SEMINOLE ELEC. CO-OP	SCH. - J	25,931.3	37.7	25,893.6	6.878	1,780,950.10	6.904	1,787,605.54	6,655.44
MORGAN STANLEY	SCH. - J	300.0	0.0	300.0	2.000	6,000.00	2.582	7,746.00	1,746.00
EDF TRADING	SCH. - J	621.0	0.0	621.0	4.359	27,070.00	4.359	27,070.00	0.00
EXGEN	SCH. - J	3,347.0	0.0	3,347.0	3.888	130,140.60	4.266	142,795.82	12,655.22
MERCURIA AMERICA	SCH. - J	60.0	0.0	60.0	5.000	3,000.00	5.000	3,000.00	0.00
SOUTHERN COMPANY	SCH. - J	2,206.0	0.0	2,206.0	4.212	92,919.00	4.825	106,434.81	13,515.81
SUB-TOTAL CURRENT MONTH		67,833.3	199.7	67,633.6	6.077	4,110,041.70	6.166	4,170,244.36	60,202.66
ADJUSTMENTS TO PRIOR MONTHS									
FLA. POWER & LIGHT	Aug 2016	(2,206.0)	0.0	(2,206.0)	3.538	(78,053.00)	3.989	(87,995.44)	(9,942.44)
FLA. POWER & LIGHT	Aug 2016	2,206.0	0.0	2,206.0	3.342	73,726.00	3.793	83,668.44	9,942.44
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.000	(4,327.00)	0.000	(4,327.00)	0.00
SUB-TOTAL SCHEDULE REB ECONOMY PURCHASES		70.0	0.0	70.0	1.800	1,260.00	2.582	1,807.40	547.40
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		67,763.3	199.7	67,563.6	6.075	4,104,454.70	6.163	4,164,109.96	59,655.26
TOTAL		67,833.3	199.7	67,633.6	6.071	4,105,714.70	6.160	4,165,917.36	60,202.66
CURRENT MONTH									
DIFFERENCE		36,883.3	199.7	36,683.6	1.728	2,761,644.70	1.731	2,795,147.36	33,502.66
DIFFERENCE %		119.2%	0.0%	118.5%	39.8%	205.5%	39.1%	203.9%	125.5%
PERIOD TO DATE									
ACTUAL		160,623.3	199.7	160,423.6	4.481	7,188,888.29	4.869	7,810,425.31	621,537.02
EST MATED		240,360.0	0.0	240,360.0	3.894	9,359,630.00	4.102	9,859,000.00	499,370.00
DIFFERENCE		(79,736.7)	199.7	(79,936.4)	0.587	(2,170,741.71)	0.767	(2,048,574.69)	122,167.02
DIFFERENCE %		-33.2%	0.0%	-33.3%	15.1%	-23.2%	18.7%	-20.8%	24.5%

**CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF September 2016**

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
DUKE ENERGY FLOR DA	2/1/2016	2/28/2017	LT	QF = QUALIFYING FACILITY
CALP NE	11/1/2011	12/31/2016	LT	LT = LONG TERM
PASCO COGEN LTD	1/1/2009	12/31/2018	LT	ST = SHORT-TERM
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	** THREE YEAR NOTICE REQUIRED FOR TERMINATION.
EXELON GENERATION COMPANY, LLC	5/1/2016	11/30/2016	ST	
FLORIDA POWER & LIGHT COMPANY	5/1/2016	11/30/2016	ST	

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	TOTAL
DUKE ENERGY FLOR DA	-	250.0	250.0	250.0	250.0	250.0	250.0	250.0	250.0				
CALP NE	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0				
PASCO COGEN LTD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0				
SEMINOLE ELECTRIC	0.8	1.1	1.6	1.3	1.2	1.3	1.1	1.3	0.9				
EXELON GENERATION COMPANY, LLC					150.0	150.0	150.0	150.0	150.0				
FLORIDA POWER & LIGHT COMPANY					100.0	100.0	100.0	100.0	100.0				
CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)

TOTAL PURCHASES AND (SALES) \$ 1,043,077 \$ 2,177,010 \$ 2,196,305 \$ 2,177,154 \$ 3,187,306 \$ 4,449,152 \$ 3,599,290 \$ 3,708,569 \$ 3,729,564 \$ - \$ - \$ - \$ 26,267,427

TOTAL CAPACITY \$ 1,043,077 \$ 2,177,010 \$ 2,196,305 \$ 2,177,154 \$ 3,187,306 \$ 4,449,152 \$ 3,599,290 \$ 3,708,569 \$ 3,729,564 \$ - \$ - \$ - \$ 26,267,427

**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

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
TAMPA ELECTRIC COMPANY
MONTH OF August 2016

	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	0	58,932	(58,932)	-100 0%	1,889,022	525,552	1,363,470	259.4%
3 COAL	30,502,163	37,746,673	(7,244,510)	-19 2%	172,066,262	254,601,592	(82,535,330)	-32.4%
4 NATURAL GAS	27,618,351	28,790,089	(1,171,738)	-4.1%	208,723,753	202,458,901	6,264,852	3.1%
5 NUCLEAR	0	0	0	0 0%	0	0	0	0 0%
6 OTHER	0	0	0	0 0%	0	0	0	0 0%
7 TOTAL (\$)	58,120,514	66,595,694	(8,475,180)	-12.7%	382,679,037	457,586,045	(74,907,008)	-16.4%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0 0%	0	0	0	0 0%
9 LIGHT OIL	0	260	(260)	-100 0%	182	2,260	(2,078)	-91 9%
10 COAL	912,851	808,980	103,871	12 8%	4,832,249	5,299,100	(466,851)	-8 8%
11 NATURAL GAS	839,978	1,098,680	(258,702)	-23 5%	7,103,317	7,566,770	(463,453)	-6.1%
12 NUCLEAR	0	0	0	0 0%	0	0	0	0 0%
13 OTHER	260	310	(50)	-16.1%	2,216	2,550	(334)	-13.1%
14 TOTAL (MWH)	1,753,089	1,908,230	(155,141)	-8.1%	11,937,964	12,870,680	(932,716)	-7 2%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0 0%	0	0	0	0 0%
16 LIGHT OIL (BBL)	0	470	(470)	-100 0%	532	4,170	(3,638)	-87 2%
17 COAL (TON)	410,540	361,330	49,210	13 6%	2,108,763	2,375,140	(266,377)	-11 2%
18 NATURAL GAS (MCF)	6,648,286	8,755,200	(2,106,914)	-24.1%	55,974,319	61,146,070	(5,171,751)	-8 5%
19 NUCLEAR (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	2,760	(2,760)	-100 0%	3,071	24,190	(21,119)	-87 3%
23 COAL	9,747,769	8,452,360	1,295,409	15 3%	50,824,129	55,534,930	(4,710,801)	-8 5%
24 NATURAL GAS	6,821,141	8,984,620	(2,163,479)	-24.1%	57,223,434	62,699,480	(5,476,046)	-8.7%
25 NUCLEAR	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)	16,568,910	17,439,740	(870,830)	-5 0%	108,050,633	118,258,600	(10,207,967)	-8 6%
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%	0.02%	-0.02%	-91 3%
30 COAL	52 07%	42 39%	9.68%	22 8%	40.48%	41.17%	-0.69%	-1.7%
31 NATURAL GAS	47 91%	57 58%	-9.66%	-16 8%	59.50%	58.79%	0.71%	1 2%
32 NUCLEAR	0 00%	0 00%	0.00%	0 0%	0.00%	0.00%	0.00%	0 0%
33 OTHER	0 01%	0 02%	0.00%	-8.7%	0.02%	0.02%	0.00%	-6 3%
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)	0.00	125.39	(125 39)	-100 0%	3,550.79	126.03	3,424.76	2717.4%
37 COAL (\$/TON)	74.30	104.47	(30.17)	-28 9%	81.60	107.19	(25.60)	-23 9%
38 NATURAL GAS (\$/MCF)	4.15	3.29	0 87	26 3%	3.73	3.31	0 42	12 6%
39 NUCLEAR (\$/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	21.35	(21 35)	-100 0%	615.14	21.73	593.41	2731 3%
43 COAL	3.13	4.47	(1 34)	-29 9%	3.39	4.58	(1.20)	-26 2%
44 NATURAL GAS	4.05	3.20	0 84	26.4%	3.65	3.23	0 42	13 0%
45 NUCLEAR	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)	3.51	3.82	(0 31)	-8.1%	3.54	3.87	(0.33)	-8 5%

