

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

February 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 January 2016.

Thank you for your assistance in connection with this matter.

Sincerely,

/s/ James D. Beasley

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 February 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

/s/ James D. Beasley

ATTORNEY



TAMPA ELECTRIC COMPANY
TABLE OF CONTENTS

1. Schedule A1 - A9 & A12	January 2016	15 Pages
2. List of Acronyms		1 Page

COMPARISON OF ESTIMATED AND ACTUAL
FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
MONTH OF: January 2016

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	43,911,504	53,577,196	(9,665,692)	-18.0%	1,478,627	1,471,360	7,267	0.5%	2.96975	3.64134	(0.67159)	-18.4%
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	483,807	420,383	63,424	15.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	328,799	328,799	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments - Polk Warm Gas Cleanup	(97,988)	0	(97,988)	0.0%	(7,596)	0	(7,596)	0.0%	1.28999	0.00000	1.28999	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	44,626,122	54,326,378	(9,700,256)	-17.9%	1,471,031	1,471,360	(329)	0.0%	3.03366	3.69226	(0.65859)	-17.8%
6. Fuel Cost of Purchased Power - Firm (A7)	1,024,587	81,460	943,127	1157.8%	8,368	2,310	6,058	262.3%	12.24411	3.52641	8.71770	247.2%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	235,532	760,140	(524,608)	-69.0%	8,888	25,000	(16,112)	-64.4%	2.65000	3.04056	(0.39056)	-12.8%
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)	377,381	209,980	167,401	79.7%	18,943	7,510	11,433	152.2%	1.99219	2.79601	(0.80381)	-28.7%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	1,637,500	1,051,580	585,920	55.7%	36,199	34,820	1,379	4.0%	4.52361	3.02005	1.50356	49.8%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,507,230	1,506,180	1,050	0.1%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	5,370	22,050	(16,680)	-75.6%	287	810	(523)	-64.6%	1.87108	2.72222	(0.85114)	-31.3%
15. Fuel Cost of Sch. C/CB Sales (A6)	586,970	0	586,970	0.0%	30,199	0	30,199	0.0%	1.94367	0.00000	1.94367	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)	88,084	26,316	61,768	234.7%	4,300	1,000	3,300	330.0%	2.04847	2.63160	(0.58313)	-22.2%
18. Gains on Sales	92,326	3,611	88,715	2456.8%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	772,750	51,977	720,773	1386.7%	34,786	1,810	32,976	1821.9%	2.22144	2.87166	(0.65022)	-22.6%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					100	0	100	0.0%				
21. Wheeling Rec'd. less Wheeling Del'd.					1,179	0	1,179	0.0%				
22. Interchange and Wheeling Losses					1,716	42	1,674	3979.8%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	45,490,872	55,325,981	(9,835,109)	-17.8%	1,472,007	1,504,328	(32,321)	-2.1%	3.09040	3.67779	(0.58739)	-16.0%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(2,247,708) (a)	(2,228,261) (a)	(19,447)	0.9%	(72,732)	(60,587)	(12,145)	20.0%	3.09040	3.67779	(0.58739)	-16.0%
25. Company Use	80,319 (a)	102,978 (a)	(22,659)	-22.0%	2,599	2,800	(201)	-7.2%	3.09038	3.67779	(0.58740)	-16.0%
26. T & D Losses	1,085,580 (a)	2,909,238 (a)	(1,823,658)	-62.7%	35,128	79,103	(43,975)	-55.6%	3.09040	3.67779	(0.58739)	-16.0%
27. System KWH Sales	45,490,872	55,325,981	(9,835,109)	-17.8%	1,507,012	1,483,012	24,000	1.6%	3.01861	3.73065	(0.71204)	-19.1%
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	45,490,872	55,325,981	(9,835,109)	-17.8%	1,507,012	1,483,012	24,000	1.6%	3.01861	3.73065	(0.71204)	-19.1%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	45,490,872	55,325,981	(9,835,109)	-17.8%	1,507,012	1,483,012	24,000	1.6%	3.01861	3.73065	(0.71204)	-19.1%
32. Other	0	0	0	0.0%	1,507,012	1,483,012	24,000	1.6%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(2,299,213)	(2,299,213)	0	0.0%	1,507,012	1,483,012	24,000	1.6%	(0.15257)	(0.15504)	0.00247	-1.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	43,191,659	53,026,768	(9,835,109)	-18.5%	1,507,012	1,483,012	24,000	1.6%	2.86605	3.57561	(0.70957)	-19.8%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	43,222,757	53,064,947	(9,842,190)	-18.5%	1,507,012	1,483,012	24,000	1.6%	2.86811	3.57819	(0.71008)	-19.8%
37. GPIF * (Already Adjusted for Taxes)	104,883	104,883	0	0.0%	1,507,012	1,483,012	24,000	1.6%	0.00696	0.00707	(0.00011)	-1.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	43,327,640	53,169,830	(9,842,190)	-18.5%	1,507,012	1,483,012	24,000	1.6%	2.87507	3.58526	(0.71019)	-19.8%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.875	3.585	(0.710)	-19.8%

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

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

	\$		DIFFERENCE		MWH		DIFFERENCE		CENTS/KWH		DIFFERENCE	
	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%	ACTUAL	ESTIMATED	AMOUNT	%
1. Fuel Cost of System Net Generation (A3)	43,911,504	53,577,196	(9,665,692)	-18.0%	1,478,627	1,471,360	7,267	0.5%	2.96975	3.64134	(0.67159)	-18.4%
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	483,807	420,383	63,424	15.1%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4b. Adjustments - Polk 1 Conversion Depreciation & ROI	328,799	328,799	0	0.0%	0	0	0	0.0%	0.00000	0.00000	0.00000	0.0%
4c. Adjustments - Polk Warm Gas Cleanup	(97,988)	0	(97,988)	0.0%	(7,596)	0	(7,596)	0.0%	1.28999	0.00000	1.28999	0.0%
5. TOTAL COST OF GENERATED POWER (Lines 1 through 4c)	44,626,122	54,326,378	(9,700,256)	-17.9%	1,471,031	1,471,360	(329)	0.0%	3.03366	3.69226	(0.65859)	-17.8%
6. Fuel Cost of Purchased Power - Firm (A7)	1,024,587	81,460	943,127	1157.8%	8,368	2,310	6,058	262.3%	12.24411	3.52641	8.71770	247.2%
7. Energy Cost of Sch C,X Econ. Purch. (Broker) (A9)	235,532	760,140	(524,608)	-69.0%	8,888	25,000	(16,112)	-64.4%	2.65000	3.04056	(0.39056)	-12.8%
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)	377,381	209,980	167,401	79.7%	18,943	7,510	11,433	152.2%	1.99219	2.79601	(0.80381)	-28.7%
12. TOTAL COST OF PURCHASED POWER (Lines 6 through 11)	1,637,500	1,051,580	585,920	55.7%	36,199	34,820	1,379	4.0%	4.52361	3.02005	1.50356	49.8%
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)					1,507,230	1,506,180	1,050	0.1%				
14. Fuel Cost of Sch. D Jurisd. Sales (A6)	5,370	22,050	(16,680)	-75.6%	287	810	(523)	-64.6%	1.87108	2.72222	(0.85114)	-31.3%
15. Fuel Cost of Sch. C/CB Sales (A6)	586,970	0	586,970	0.0%	30,199	0	30,199	0.0%	1.94367	0.00000	1.94367	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)	88,084	26,316	61,768	234.7%	4,300	1,000	3,300	330.0%	2.04847	2.63160	(0.58313)	-22.2%
18. Gains on Sales	92,326	3,611	88,715	2456.8%								
19. TOTAL FUEL COST AND GAINS OF POWER SALES	772,750	51,977	720,773	1386.7%	34,786	1,810	32,976	1821.9%	2.22144	2.87166	(0.65022)	-22.6%
(LINE 14 + 15 + 16 + 17 + 18)												
20. Net Inadvertant Interchange					100	0	100	0.0%				
21. Wheeling Rec'd. less Wheeling Del'v'd.					1,179	0	1,179	0.0%				
22. Interchange and Wheeling Losses					1,716	42	1,674	3979.8%				
23. TOTAL FUEL AND NET POWER TRANSACTIONS	45,490,872	55,325,981	(9,835,109)	-17.8%	1,472,007	1,504,328	(32,321)	-2.1%	3.09040	3.67779	(0.58739)	-16.0%
(LINE 5 + 12 - 19 + 20 + 21 - 22)												
24. Net Unbilled	(2,247,708) (a)	(2,228,261) (a)	(19,447)	0.9%	(72,732)	(60,587)	(12,145)	20.0%	3.09040	3.67779	(0.58739)	-16.0%
25. Company Use	80,319 (a)	102,978 (a)	(22,659)	-22.0%	2,599	2,800	(201)	-7.2%	3.09038	3.67779	(0.58740)	-16.0%
26. T & D Losses	1,085,580 (a)	2,909,238 (a)	(1,823,658)	-62.7%	35,128	79,103	(43,975)	-55.6%	3.09040	3.67779	(0.58739)	-16.0%
27. System KWH Sales	45,490,872	55,325,981	(9,835,109)	-17.8%	1,507,012	1,483,012	24,000	1.6%	3.01861	3.73065	(0.71204)	-19.1%
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	45,490,872	55,325,981	(9,835,109)	-17.8%	1,507,012	1,483,012	24,000	1.6%	3.01861	3.73065	(0.71204)	-19.1%
30. Jurisdictional Loss Multiplier									1.00000	1.00000	0.00000	0.0%
31. Jurisdictional KWH Sales Adjusted for Line Losses	45,490,872	55,325,981	(9,835,109)	-17.8%	1,507,012	1,483,012	24,000	1.6%	3.01861	3.73065	(0.71204)	-19.1%
32. Other	0	0	0	0.0%	1,507,012	1,483,012	24,000	1.6%	0.00000	0.00000	0.00000	0.0%
33. True-up *	(2,299,213)	(2,299,213)	0	0.0%	1,507,012	1,483,012	24,000	1.6%	(0.15257)	(0.15504)	0.00247	-1.6%
34. Total Jurisdictional Fuel Cost (Excl. GPIF)	43,191,659	53,026,768	(9,835,109)	-18.5%	1,507,012	1,483,012	24,000	1.6%	2.86605	3.57561	(0.70957)	-19.8%
35. Revenue Tax Factor									1.00072	1.00072	0.00000	0.0%
36. Fuel Cost Adjusted for Taxes (Excl. GPIF)	43,222,757	53,064,947	(9,842,190)	-18.5%	1,507,012	1,483,012	24,000	1.6%	2.86811	3.57819	(0.71008)	-19.8%
37. GPIF * (Already Adjusted for Taxes)	104,883	104,883	0	0.0%	1,507,012	1,483,012	24,000	1.6%	0.00696	0.00707	(0.00011)	-1.6%
38. Fuel Cost Adjusted for Taxes (Incl. GPIF)	43,327,640	53,169,830	(9,842,190)	-18.5%	1,507,012	1,483,012	24,000	1.6%	2.87507	3.58526	(0.71019)	-19.8%
39. Fuel FAC Rounded to the Nearest .001 cents per KWH									2.875	3.585	(0.710)	-19.8%

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

2

CALCULATION OF TRUE-UP AND INTEREST PROVISION
TAMPA ELECTRIC COMPANY
MONTH OF: January 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	43,911,504	53,577,196	(9,665,692)	-18.0%	43,911,504	53,577,196	(9,665,692)	-18.0%
1a. FUEL REL. R & D AND DEMO. COST	0	0	0	0.0%	0	0	0	0.0%
2. FUEL COST OF POWER SOLD	680,424	48,366	632,058	1306.8%	680,424	48,366	632,058	1306.8%
2a. GAINS FROM SALES	92,326	3,611	88,715	2456.8%	92,326	3,611	88,715	2456.8%
3. FUEL COST OF PURCHASED POWER	1,024,587	81,460	943,127	1157.8%	1,024,587	81,460	943,127	1157.8%
3a. DEMAND & NONFUEL COST OF PUR. PWR.	0	0	0	0.0%	0	0	0	0.0%
3b. PAYMENT TO QUALIFIED FACILITIES	377,381	209,980	167,401	79.7%	377,381	209,980	167,401	79.7%
4. ENERGY COST OF ECONOMY PURCHASES	<u>235,532</u>	<u>760,140</u>	<u>(524,608)</u>	<u>-69.0%</u>	<u>235,532</u>	<u>760,140</u>	<u>(524,608)</u>	<u>-69.0%</u>
5. TOTAL FUEL & NET POWER TRANSACTION	44,776,254	54,576,799	(9,800,545)	-18.0%	44,776,254	54,576,799	(9,800,545)	-18.0%
6a. ADJ. - BIG BEND UNITS 1-4 IGNITERS CONVERSION PROJECT	483,807	420,383	63,424	15.1%	483,807	420,383	63,424	15.1%
6b. ADJ. - POLK 1 CONVERSION DEPRECIATION & ROI	328,799	328,799	0	0.0%	328,799	328,799	0	0.0%
6c. ADJ. - POLK WARM GAS CLEANUP	<u>(97,988)</u>	<u>0</u>	<u>(97,988)</u>	<u>0.0%</u>	<u>(97,988)</u>	<u>0</u>	<u>(97,988)</u>	<u>0.0%</u>
7. ADJUSTED TOTAL FUEL & NET PWR.TRANS.	<u>45,490,872</u>	<u>55,325,981</u>	<u>(9,835,109)</u>	<u>-17.8%</u>	<u>45,490,872</u>	<u>55,325,981</u>	<u>(9,835,109)</u>	<u>-17.8%</u>
B. MWH SALES								
1. JURISDICTIONAL SALES	1,507,012	1,483,012	24,000	1.6%	1,507,012	1,483,012	24,000	1.6%
2. NONJURISDICTIONAL SALES	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0.0%</u>
3. TOTAL SALES	<u>1,507,012</u>	<u>1,483,012</u>	<u>24,000</u>	<u>1.6%</u>	<u>1,507,012</u>	<u>1,483,012</u>	<u>24,000</u>	<u>1.6%</u>
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: January 2016

	CURRENT MONTH				PERIOD TO DATE				
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	
C. TRUE-UP CALCULATION									
1. JURISDICTIONAL FUEL REVENUE	54,861,280	54,217,388	643,892	1.2%	54,861,280	54,217,388	643,892	1.2%	
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%	2,299,213	2,299,213	0	0.0%	
2b. INCENTIVE PROVISION	(104,883)	(104,883)	0	0.0%	(104,883)	(104,883)	0	0.0%	
2c. ADJUSTMENT	0	0	0	0.0%	0	0	0	0.0%	
3. JURIS. FUEL REVENUE APPL. TO PERIOD	57,055,610	56,411,718	643,892	1.1%	57,055,610	56,411,718	643,892	1.1%	
4. ADJ. TOTAL FUEL & NET PWR. TRANS. (LINE A7)	45,490,872	55,325,981	(9,835,109)	-17.8%	45,490,872	55,325,981	(9,835,109)	-17.8%	
5. JURISDIC. SALES- % TOTAL MWH SALES (LINE B4)	1.0000000	1.0000000	0.0000000	0.0%	-	-	-	-	
6. JURISDIC. TOTAL FUEL & NET PWR.TRANS.	45,490,872	55,325,981	(9,835,109)	-17.8%	45,490,872	55,325,981	(9,835,109)	-17.8%	
6a. JURISDIC. LOSS MULTIPLIER	1.00000	1.00000	0.00000	0.0%	-	-	-	-	
6b. (LINE C6 x LINE C6a)	45,490,872	55,325,981	(9,835,109)	-17.8%	45,490,872	55,325,981	(9,835,109)	-17.8%	
6c. OTHER	0	0	0	0.0%	0	0	0	0.0%	
6d. JURISDIC. TOTAL FUEL & NET PWR INCL. ALL ADJ.(LNS. C6b+C6c)	45,490,872	55,325,981	(9,835,109)	-17.8%	45,490,872	55,325,981	(9,835,109)	-17.8%	
7. TRUE-UP PROV. FOR MO. +/- COLLECTED (LINE C3 - LINE C6d)	11,564,738	1,085,737	10,479,001	965.2%	11,564,738	1,085,737	10,479,001	965.2%	
8. INTEREST PROVISION FOR THE MONTH	16,593	20,778	(4,185)	-20.1%	16,593	20,778	(4,185)	-20.1%	
9. TRUE-UP & INT. PROV. BEG. OF MONTH	45,648,849	27,590,550	18,058,299	65.5%	NOT APPLICABLE				
10. TRUE-UP COLLECTED (REFUNDED)	(2,299,213)	(2,299,213)	0	0.0%	NOT APPLICABLE				
11. END OF PERIOD TOTAL NET TRUE-UP (LINE C7 through C10)	54,930,966	26,397,852	28,533,114	108.1%	NOT APPLICABLE				

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
D. INTEREST PROVISION								
1. BEGINNING TRUE-UP AMOUNT (LINE C9)	45,648,849	27,590,550	18,058,299	65.5%	NOT APPLICABLE			
2. ENDING TRUE-UP AMOUNT BEFORE INT. (LINES C7 + C9 + C10)	54,914,374	26,377,074	28,537,300	108.2%	NOT APPLICABLE			
3. TOTAL BEG. & END. TRUE-UP AMOUNT	100,563,223	53,967,624	46,595,599	86.3%	NOT APPLICABLE			
4. AVG. TRUE-UP AMOUNT - (50% OF LINE D3)	50,281,612	26,983,812	23,297,800	86.3%	NOT APPLICABLE			
5. INT. RATE-FIRST DAY REP. BUS. MONTH	0.400	0.800	(0.400)	-50.0%	NOT APPLICABLE			
6. INT. RATE-FIRST DAY SUBSEQUENT MONTH	0.400	1.050	(0.650)	-61.9%	NOT APPLICABLE			
7. TOTAL (LINE D5 + LINE D6)	0.800	1.850	(1.050)	-56.8%	NOT APPLICABLE			
8. AVERAGE INT. RATE (50% OF LINE D7)	0.400	0.925	(0.525)	-56.8%	NOT APPLICABLE			
9. MONTHLY AVG. INT. RATE (LINE D8/12)	0.033	0.077	(0.044)	-57.1%	NOT APPLICABLE			
10. INT. PROVISION (LINE D4 x LINE D9)	16,593	20,778	(4,185)	-20.1%	NOT APPLICABLE			

5

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE		ACTUAL	ESTIMATED	DIFFERENCE	
			AMOUNT	%			AMOUNT	%
FUEL COST OF SYSTEM NET GENERATION (\$)								
1 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
2 LIGHT OIL	8,295	68,460	(60,165)	-87.9%	8,295	68,460	(60,165)	-87.9%
3 COAL	17,634,085	35,402,875	(17,768,790)	-50.2%	17,634,085	35,402,875	(17,768,790)	-50.2%
4 NATURAL GAS	26,171,136	18,105,861	8,065,275	44.5%	26,171,136	18,105,861	8,065,275	44.5%
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 (\$)	43,813,516	53,577,196	(9,763,680)	-18.2%	43,813,516	53,577,196	(9,763,680)	-18.2%
SYSTEM NET GENERATION (MWH)								
8 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
9 LIGHT OIL	20	280	(260)	-92.9%	20	280	(260)	-92.9%
10 COAL	560,027	1,028,590	(468,563)	-45.6%	560,027	1,028,590	(468,563)	-45.6%
11 NATURAL GAS	918,394	442,210	476,184	107.7%	918,394	442,210	476,184	107.7%
12 NUCLEAR	0	0	0	0.0%	0	0	0	0.0%
13 OTHER	186	280	(94)	-33.6%	186	280	(94)	-33.6%
14 TOTAL (MWH)	1,478,627	1,471,360	7,267	0.5%	1,478,627	1,471,360	7,267	0.5%
UNITS OF FUEL BURNED								
15 HEAVY OIL (BBL)	0	0	0	0.0%	0	0	0	0.0%
16 LIGHT OIL (BBL)	65	540	(475)	-88.0%	65	540	(475)	-88.0%
17 COAL (TON)	237,150	462,110	(224,960)	-48.7%	237,150	462,110	(224,960)	-48.7%
18 NATURAL GAS (MCF)	6,971,622	3,428,340	3,543,282	103.4%	6,971,622	3,428,340	3,543,282	103.4%
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	376	3,070	(2,694)	-87.8%	376	3,070	(2,694)	-87.8%
23 COAL	5,777,559	10,723,870	(4,946,311)	-46.1%	5,777,559	10,723,870	(4,946,311)	-46.1%
24 NATURAL GAS	7,131,969	3,508,660	3,623,309	103.3%	7,131,969	3,508,660	3,623,309	103.3%
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)	12,909,904	14,235,600	(1,325,696)	-9.3%	12,909,904	14,235,600	(1,325,696)	-9.3%
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%	-92.9%	0.00%	0.02%	-0.02%	-92.9%
30 COAL	37.87%	69.91%	-32.03%	-45.8%	37.87%	69.91%	-32.03%	-45.8%
31 NATURAL GAS	62.11%	30.05%	32.06%	106.7%	62.11%	30.05%	32.06%	106.7%
32 NUCLEAR	0.00%	0.00%	0.00%	0.0%	0.00%	0.00%	0.00%	0.0%
33 OTHER	0.01%	0.02%	-0.01%	-33.9%	0.01%	0.02%	-0.01%	-33.9%
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)	127.62	126.78	0.84	0.7%	127.62	126.78	0.84	0.7%
37 COAL (\$/TON)	74.36	76.61	(2.25)	-2.9%	74.36	76.61	(2.25)	-2.9%
38 NATURAL GAS (\$/MCF)	3.75	5.28	(1.53)	-28.9%	3.75	5.28	(1.53)	-28.9%
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	22.08	22.30	(0.22)	-1.0%	22.08	22.30	(0.22)	-1.0%
43 COAL	3.05	3.30	(0.25)	-7.5%	3.05	3.30	(0.25)	-7.5%
44 NATURAL GAS	3.67	5.16	(1.49)	-28.9%	3.67	5.16	(1.49)	-28.9%
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)	3.39	3.76	(0.37)	-9.8%	3.39	3.76	(0.37)	-9.8%

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

	CURRENT MONTH				PERIOD TO DATE			
	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%	ACTUAL	ESTIMATED	DIFFERENCE AMOUNT	%
BTU BURNED PER KWH (BTU/KWH)								
48 HEAVY OIL	0	0	0	0.0%	0	0	0	0.0%
49 LIGHT OIL	18,780	10,964	7,816	71.3%	18,780	10,964	7,816	71.3%
50 COAL	10,317	10,426	(109)	-1.0%	10,317	10,426	(109)	-1.0%
51 NATURAL GAS	7,766	7,934	(168)	-2.1%	7,766	7,934	(168)	-2.1%
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)	8,731	9,675	(944)	-9.8%	8,731	9,675	(944)	-9.8%
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	41.48	24.45	17.03	69.7%	41.48	24.45	17.03	69.7%
57 COAL	3.15	3.44	(0.29)	-8.4%	3.15	3.44	(0.29)	-8.4%
58 NATURAL GAS	2.85	4.09	(1.24)	-30.3%	2.85	4.09	(1.24)	-30.3%
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)	2.96	3.64	(0.68)	-18.7%	2.96	3.64	(0.68)	-18.7%

**SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2016**

SCHEDULE A4
PAGE 1 OF 1

(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	186	15.6	-	38.4	-	SOLAR	-	-	-	-	-	-
B.B.#1 NAT GAS CO-FIRE	141	7,437	7.1	48.0	22.8	11,073	NG CO-FIRE	80,499	1,023,000	82,350.0	364,767	4.90	4.53
B.B.#1 COAL	395	74,698	25.4	48.0	51.9	10,870	COAL	33,930	23,930,000	811,941.3	2,569,600	3.44	75.73
BIG BEND #1 TOTAL	395	82,135	27.9	48.0	57.0	10,888	-	-	-	894,291.3	2,934,367	3.57	-
B.B.#2 NAT GAS CO-FIRE	141	37,851	36.1	80.0	64.8	11,501	NG CO-FIRE	425,525	1,023,000	435,312.0	1,607,697	4.25	3.78
B.B.#2 COAL	395	101,092	34.4	77.0	43.0	11,237	COAL	47,656	23,836,000	1,135,938.4	3,609,102	3.57	75.73
BIG BEND #2 TOTAL	395	138,943	47.3	77.7	59.1	11,309	-	-	-	1,571,250.4	5,216,799	3.75	-
B.B.#3 NAT GAS CO-FIRE	141	9,925	9.5	37.8	46.0	12,074	NG CO-FIRE	117,138	1,023,000	119,832.0	446,255	4.50	3.81
B.B.#3 COAL	400	24,210	8.1	37.8	30.0	11,789	COAL	9,259	23,150,000	213,864.2	701,206	2.90	75.73
BIG BEND #3 TOTAL	400	34,135	11.5	37.8	42.3	11,872	-	-	-	333,696.2	1,147,461	3.36	-
B.B.#4 NAT GAS CO-FIRE	163	23,183	19.1	100.0	29.9	10,583	NG CO-FIRE	239,830	1,023,000	245,346.0	904,860	3.90	3.77
B.B.#4 COAL	442	192,678	58.6	91.7	58.6	10,435	COAL	87,430	22,996,000	2,010,540.5	6,621,282	3.44	75.73
BIG BEND #4 TOTAL	442	215,861	65.6	92.8	65.6	10,451	-	-	-	2,255,886.5	7,526,142	3.49	-
B.B. IGNITION	-	-	-	-	-	-	GAS	35,434	1,023,000	36,249.0	132,503	-	3.74
BIG BEND 1-4 COAL TOTAL	1,632	392,678	32.3	64.4	49.8	10,807	COAL	178,275	23,401,969	4,172,284.4	13,501,190	3.44	75.73
B.B. CT#4 (OIL)	61	0	0.0	99.4	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B. CT#4 (GAS)	61	966	2.1	99.4	84.0	12,349	GAS	11,661	1,023,000	11,929.0	43,605	4.51	3.74
BIG BEND CT #4 TOTAL	61	966	2.1	99.4	84.0	12,349	-	-	-	11,929.0	43,605	4.51	-
BIG BEND STATION TOTAL	1,693	472,040	37.5	66.1	59.8	10,886	-	-	-	5,067,053.4	17,000,877	3.60	-
POLK #1 GASIFIER	220	167,349	102.2	100.0	102.4	9,592	COAL	58,875	27,265,997	1,605,274.9	4,098,380	2.45	69.61
POLK #1 CT (GAS)	195	2,126	1.5	100.0	16.6	6,183	GAS	12,849	1,023,000	13,145.0	48,056	2.26	3.74
POLK #1 TOTAL	220	169,475	103.5	100.0	103.5	9,550	-	-	-	1,618,419.9	4,146,436	2.45	-
POLK #2 CT (GAS)	183	1,813	1.3	99.9	5.5	13,473	GAS	23,878	1,023,000	24,427.0	89,292	4.93	3.74
POLK #2 CT (OIL)	187	0	0.0	99.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	183	1,813	1.3	99.9	5.5	13,473	-	-	-	24,427.0	89,292	4.93	-
POLK #3 CT (GAS)	183	455	0.3	74.6	13.7	19,143	GAS	8,514	1,023,000	8,710.0	31,839	7.00	3.74
POLK #3 CT (OIL)	187	20	0.0	74.6	18.4	18,780	LGT.OIL	65	5,772,545	375.6	8,295	41.48	127.62
POLK #3 TOTAL	183	475	0.3	74.6	13.9	19,128	-	-	-	9,085.6	40,134	8.45	-
POLK #4 (GAS)	183	2,355	1.7	100.0	66.7	12,904	GAS	29,707	1,023,000	30,390.0	111,092	4.72	3.74
POLK #5 (GAS)	183	2,534	1.9	100.0	69.1	12,381	GAS	30,669	1,023,000	31,374.0	114,688	4.53	3.74
POLK STATION TOTAL	952	176,652	24.9	95.1	85.3	9,701	-	-	-	1,713,696.5	4,501,642	2.55	-
CITY OF TAMPA 1	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
CITY OF TAMPA 2	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
CITY OF TAMPA TOTAL	0	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE ST 1	243	126,277	69.8	100.0	69.8	-	-	-	-	-	-	-	-
BAYSIDE CT1A	183	104,297	76.6	100.0	77.7	11,163	GAS	1,138,117	1,023,000	1,164,293.0	4,256,843	4.08	3.74
BAYSIDE CT1B	183	77,256	56.7	100.0	80.5	11,212	GAS	846,755	1,023,000	866,230.0	3,167,076	4.10	3.74
BAYSIDE CT1C	183	69,436	51.0	100.0	71.4	10,786	GAS	732,113	1,023,000	748,952.0	2,738,286	3.94	3.74
BAYSIDE UNIT 1 TOTAL	792	377,266	64.0	100.0	64.0	7,367	GAS	2,716,985	1,023,000	2,779,475.0	10,162,205	2.69	3.74
BAYSIDE ST 2	315	151,725	64.7	100.0	64.7	-	-	-	-	-	-	-	-
BAYSIDE CT2A	183	85,246	62.6	100.0	77.6	10,956	GAS	912,942	1,023,000	933,940.0	3,414,581	4.01	3.74
BAYSIDE CT2B	183	80,942	59.4	99.6	78.5	11,433	GAS	904,568	1,023,000	925,373.0	3,383,261	4.18	3.74
BAYSIDE CT2C	183	73,943	54.3	100.0	82.2	11,017	GAS	796,337	1,023,000	814,653.0	2,978,455	4.03	3.74
BAYSIDE CT2D	183	57,024	41.9	92.5	74.2	11,137	GAS	620,784	1,023,000	635,062.0	2,321,853	4.07	3.74
BAYSIDE UNIT 2 TOTAL	1,047	448,880	57.6	98.0	57.6	7,372	GAS	3,234,631	1,023,000	3,309,028.0	12,098,150	2.70	3.74
BAYSIDE UNIT 3 TOTAL	61	772	1.7	99.2	65.5	11,565	GAS	8,727	1,023,000	8,928.0	32,644	4.23	3.74
BAYSIDE UNIT 4 TOTAL	61	2,446	5.4	99.5	94.4	10,942	GAS	26,161	1,023,000	26,763.0	97,851	4.00	3.74
BAYSIDE UNIT 5 TOTAL	61	268	0.6	100.0	82.4	12,873	GAS	3,372	1,023,000	3,450.0	12,614	4.71	3.74
BAYSIDE UNIT 6 TOTAL	61	117	0.3	99.5	80.5	12,906	GAS	1,476	1,023,000	1,510.0	5,521	4.72	3.74
BAYSIDE STATION TOTAL	2,083	829,749	53.5	99.0	60.5	7,387	GAS	5,991,352	1,023,000	6,129,154.0	22,408,985	2.70	3.74
SYSTEM	4,730	1,478,627	42.0	86.4	62.4	8,779	-	-	-	12,909,903.9	43,911,504	2.97	-

Footnotes:

⁽¹⁾ As burned fuel cost system total includes ignition and excludes the Polk warm gas cleanup credit.

⁽²⁾ Fuel burned (MM BTU) system total excludes ignition.

⁽³⁾ City of Tampa on Long Term Reserve Stand-by.

LEGEND:

B.B. = BIG BEND
CT = COMBUSTION TURBINE

NG = NATURAL GAS

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

**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	540	(540)	-100.0%	0	540	(540)	-100.0%
17 UNIT COST (\$/BBL)	0.00	99.50	(99.50)	-100.0%	0.00	99.50	(99.50)	-100.0%
18 AMOUNT (\$)	0	53,730	(53,730)	-100.0%	0	53,730	(53,730)	-100.0%
19 BURNED:								
20 UNITS (BBL)	65	540	(475)	-88.0%	65	540	(475)	-88.0%
21 UNIT COST (\$/BBL)	127.62	126.78	0.84	0.7%	127.62	126.78	0.84	0.7%
22 AMOUNT (\$)	8,295	68,460	(60,165)	-87.9%	8,295	68,460	(60,165)	-87.9%
23 ENDING INVENTORY:								
24 UNITS (BBL)	72,029	75,864	(3,835)	-5.1%	72,029	75,864	(3,835)	-5.1%
25 UNIT COST (\$/BBL)	127.78	126.08	1.70	1.3%	127.78	126.08	1.70	1.3%
26 AMOUNT (\$)	9,203,985	9,565,205	(361,220)	-3.8%	9,203,985	9,565,205	(361,220)	-3.8%
27								
28 DAYS SUPPLY: NORMAL	4,171	4,393	(222)	-10.0%	-	-	-	-
29 DAYS SUPPLY: EMERGENCY	10	11	(1)	-9.1%	-	-	-	-
COAL⁽²⁾								
30 PURCHASES:								
31 UNITS (TONS)	303,664	345,460	(41,796)	-12.1%	303,664	345,460	(41,796)	-12.1%
32 UNIT COST (\$/TON)	77.33	74.08	3.25	4.4%	77.33	74.08	3.25	4.4%
33 AMOUNT (\$)	23,483,660	25,592,336	(2,108,676)	-8.2%	23,483,660	25,592,336	(2,108,676)	-8.2%
34 BURNED:								
35 UNITS (TONS)	237,150	462,110	(224,960)	-48.7%	237,150	462,110	(224,960)	-48.7%
36 UNIT COST (\$/TON)	74.36	76.61	(2.25)	-2.9%	74.36	76.61	(2.25)	-2.9%
37 AMOUNT (\$)	17,634,085	35,402,875	(17,768,790)	-50.2%	17,634,085	35,402,875	(17,768,790)	-50.2%
38 ENDING INVENTORY:								
39 UNITS (TONS)	579,096	483,961	95,135	19.7%	579,096	483,961	95,135	19.7%
40 UNIT COST (\$/TON)	77.35	87.33	(9.97)	-11.4%	77.35	87.33	(9.97)	-11.4%
41 AMOUNT (\$)	44,794,062	42,262,160	2,531,902	6.0%	44,794,062	42,262,160	2,531,902	6.0%
42								
43 DAYS SUPPLY:	54	45	9	20.0%	-	-	-	-
NATURAL GAS⁽³⁾								
44 PURCHASES:								
45 UNITS (MCF)	6,729,128	3,428,340	3,300,788	96.3%	6,729,128	3,428,340	3,300,788	96.3%
46 UNIT COST (\$/MCF)	3.82	5.94	(2.12)	-35.7%	3.82	5.94	(2.12)	-35.7%
47 AMOUNT (\$)	25,725,325	20,371,417	5,353,908	26.3%	25,725,325	20,371,417	5,353,908	26.3%
48 BURNED:								
49 UNITS (MCF)	6,971,622	3,428,340	3,543,282	103.4%	6,971,622	3,428,340	3,543,282	103.4%
50 UNIT COST (\$/MCF)	3.75	5.28	(1.53)	-28.9%	3.75	5.28	(1.53)	-28.9%
51 AMOUNT (\$)	* 26,171,136	18,105,861	8,065,275	44.5%	26,171,136	18,105,861	8,065,275	44.5%
52 ENDING INVENTORY:								
53 UNITS (MCF)	676,046	875,486	(199,440)	-22.8%	676,046	875,486	(199,440)	-22.8%
54 UNIT COST (\$/MCF)	2.53	3.51	(0.97)	-27.8%	2.53	3.51	(0.97)	-27.8%
55 AMOUNT (\$)	1,712,009	3,069,900	(1,357,891)	-44.2%	1,712,009	3,069,900	(1,357,891)	-44.2%
56								
57 DAYS SUPPLY:	3	4	(1)	-25.0%	-	-	-	-
NUCLEAR								
58 BURNED:								
59 UNITS (MMBTU)	0	0	0	0.0%	0	0	0	0.0%
60 UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.0%	0.00	0.00	0.00	0.0%
61 AMOUNT (\$)	0	0	0	0.0%	0	0	0	0.0%

SYSTEM GENERATED FUEL COST
INVENTORY ANALYSIS
TAMPA ELECTRIC COMPANY
MONTH OF: January 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 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 adjustment of (\$659.54) for November 2015.

(1) RECONCILIATION - LIGHT OIL

DIFFERENCE IN ENDING INVENTORY UNITS AND DOLLARS DUE TO:

	UNITS	DOLLARS
BB GYPSUM	(90)	(11,527)
BB COAL FIELD	(153)	(19,578)
BB OTHER PLANT	(69)	(8,857)
PK OTHER PLANT	(11)	(1,423)
TOTAL	(323)	(41,385)

(2) RECONCILIATION - COAL

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	DOLLARS
FUEL ANALYSIS	12,365
WARM GAS CLEANUP CREDIT	(97,988)
BIG BEND #2 IGNITION	0
BIG BEND NG IGNITION	132,503
POLK NG IGNITION	12,597
AERIAL SURVEY ADJ	0
ADDITIVES	36,401
TOTAL	95,878

(3) RECONCILIATION - NATURAL GAS

DIFFERENCE IN ENDING INVENTORY DOLLARS DUE TO:

	UNITS	DOLLARS
ADDITIVES		-
BIG BEND NG IGNITION		(132,503)
POLK NG IGNITION		(12,597)
INVENTORY ADJ	0	-
TOTAL	0	(145,100)

POWER SOLD
TAMPA ELECTRIC COMPANY
MONTH OF: January 2016

(1) SOLD TO	(2) TYPE & SCHEDULE		(3) TOTAL MWH SOLD	(4) MWH WHEELED OTHER SYSTEM	(5) MWH FROM OWN GENERATION	(6) CENTS/KWH		(7) TOTAL \$ FOR FUEL ADJUSTMENT (5)X(6A)	(8) TOTAL \$ FOR TOTAL COST (5)X(6B)	(9) GAINS ON MARKET BASED SALES
						(A) FUEL COST	(B) TOTAL COST			
ESTIMATED:										
SEMINOLE	JURISD.	SCH. - D	810.0	0.0	810.0	2.722	2.843	22,050.00	23,027.00	977.00
VARIOUS	JURISD.	MKT.BASE	1,000.0	0.0	1,000.0	2.632	2.895	26,315.55	28,950.00	2,634.45
TOTAL			1,810.0	0.0	1,810.0	2.672	2.872	48,365.55	51,977.00	3,611.45
ACTUAL:										
SEMINOLE ELEC. PRECO-1	JURISD.	SCH. - D	287.3	0.0	287.3	1.869	2.138	5,370.05	6,141.23	234.17
DUKE ENERGY FLORIDA		SCH. - C	50.0	0.0	50.0	1.740	2.542	870.00	1,271.00	304.50
DUKE ENERGY FLORIDA		SCH. - CB	1,100.0	0.0	1,100.0	1.878	2.333	20,658.00	25,665.33	2,345.33
REEDY CREEK		SCH. - CB	1,245.0	0.0	1,245.0	1.776	2.284	22,113.70	28,435.66	3,549.26
ORLANDO UTILITIES COMMISSION		SCH. - CB	38.0	0.0	38.0	2.227	2.531	846.26	961.71	88.85
SEMINOLE ELECTRIC		SCH. - CB	27,125.0	0.0	27,125.0	1.952	2.413	529,565.00	654,562.05	60,934.80
THE ENERGY AUTHORITY		SCH. - CB	641.0	0.0	641.0	2.015	2.449	12,917.02	15,696.87	1,310.23
EXGEN		SCH. - MA	1,885.0	0.0	1,885.0	1.550	2.440	29,222.00	45,986.88	9,913.43
NEW SMYRNA BEACH		SCH. - MA	10.0	0.0	10.0	1.872	2.401	187.20	240.12	28.32
SOUTHERN COMPANY		SCH. - MA	100.0	0.0	100.0	2.453	2.791	2,453.00	2,791.22	222.22
THE ENERGY AUTHORITY		SCH. - MA	2,008.0	0.0	2,008.0	2.518	3.254	50,558.40	65,347.32	11,265.52
EDF TRADING		SCH. - MA	132.0	0.0	132.0	2.060	3.216	2,719.05	4,245.01	1,066.24
MORGAN STANLEY		SCH. - MA	165.0	0.0	165.0	1.784	2.674	2,943.95	4,411.48	1,063.28
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			34,786.3	0.0	34,786.3	1.956	2.460	680,423.63	855,755.88	92,326.15
NO ADJUSTMENTS TO PRIOR MONTHS										
SUB-TOTAL SCHEDULE D POWER SALES-JURISD.			287.3	0.0	287.3	1.869	2.138	5,370.05	6,141.23	234.17
SUB-TOTAL SCHEDULE C POWER SALES			50.0	0.0	50.0	1.740	2.542	870.00	1,271.00	304.50
SUB-TOTAL SCHEDULE CB POWER SALES			30,149.0	0.0	30,149.0	1.944	2.406	586,099.98	725,321.62	68,228.47
SUB-TOTAL SCHEDULE MA POWER SALES-JURISD.			4,300.0	0.0	4,300.0	2.048	2.861	88,083.60	123,022.03	23,559.01
SUB-TOTAL OATT POWER SALES			0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
TOTAL			34,786.3	0.0	34,786.3	1.956	2.460	680,423.63	855,755.88	92,326.15
CURRENT MONTH:										
DIFFERENCE			32,976.3	0.0	32,976.3	(0.716)	(0.412)	632,058.08	803,778.88	88,714.70
DIFFERENCE %			1821.9%	0.0%	1821.9%	-26.8%	-14.3%	1306.8%	1546.4%	2456.5%
PERIOD TO DATE:										
ACTUAL			34,786.3	0.0	34,786.3	1.956	2.460	680,423.63	855,755.88	92,326.15
ESTIMATED			1,810.0	0.0	1,810.0	2.672	2.872	48,365.55	51,977.00	3,611.45
DIFFERENCE			32,976.3	0.0	32,976.3	(0.716)	(0.412)	632,058.08	803,778.88	88,714.70
DIFFERENCE %			1821.9%	0.0%	1821.9%	-26.8%	-14.3%	1306.8%	1546.4%	2456.5%

**PURCHASED POWER
(EXCLUSIVE OF ECONOMY & COGENERATION)
TAMPA ELECTRIC COMPANY
MONTH OF: January 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	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
CALPINE	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
PASCO COGEN	SCH. - D	2,310.0	0.0	0.0	2,310.0	3.526	3.526	81,460.00
TOTAL		2,310.0	0.0	0.0	2,310.0	3.526	3.526	81,460.00
ACTUAL:								
CALPINE	SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
PASCO COGEN	SCH. - D	7,733.0	0.0	0.0	7,733.0	4.089	4.089	316,177.52
OLEANDER	* SCH. - D	0.0	0.0	0.0	0.0	0.000	0.000	710,188.00
DUKE ENERGY FLORIDA	OATT	15.0	0.0	0.0	15.0	1.888	1.888	283.21
CALPINE TECM	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
CALPINE OSPREY	OATT	620.0	0.0	0.0	620.0	1.865	1.865	11,564.97
SUB-TOTAL CURRENT MONTH		8,368.0	0.0	0.0	8,368.0	12.407	12.407	1,038,213.70
ADJUSTMENTS TO PRIOR MONTHS:								
CALPINE	Dec. 2015 SCH. - D	(1,755.0)	0.0	0.0	(1,755.0)	4.471	4.471	(78,461.25)
CALPINE	Dec. 2015 SCH. - D	1,755.0	0.0	0.0	1,755.0	4.118	4.118	72,274.16
OLEANDER	Dec. 2015 SCH. - D	(2,080.0)	0.0	0.0	(2,080.0)	4.765	4.765	(99,117.22)
OLEANDER	Dec. 2015 SCH. - D	2,080.0	0.0	0.0	2,080.0	4.408	4.408	91,677.19
SUB-TOTAL ADJUSTMENTS		0.0	0.0	0.0	0.0	0.000	0.000	(13,627.12)
SUB-TOTAL SCHEDULE D PURCHASED POWER		7,733.0	0.0	0.0	7,733.0	13.096	13.096	1,012,738.40
SUB-TOTAL SCHEDULE OATT PURCHASED POWER		635.0	0.0	0.0	635.0	1.866	1.866	11,848.18
TOTAL		8,368.0	0.0	0.0	8,368.0	12.244	12.244	1,024,586.58
CURRENT MONTH:								
DIFFERENCE		6,058.0	0.0	0.0	6,058.0	8.718	8.718	943,126.58
DIFFERENCE %		262.3%	0.0%	0.0%	262.3%	247.2%	247.2%	1157.8%
PERIOD TO DATE:								
ACTUAL		8,368.0	0.0	0.0	8,368.0	12.244	12.244	1,024,586.58
ESTIMATED		2,310.0	0.0	0.0	2,310.0	3.526	3.526	81,460.00
DIFFERENCE		6,058.0	0.0	0.0	6,058.0	8.718	8.718	943,126.58
DIFFERENCE %		262.3%	0.0%	0.0%	262.3%	247.2%	247.2%	1157.8%

* Backup oil sale at end of contract term on 12/31/15.

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
MONTH OF: January 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.							
TOTAL	AS AVAIL.	7,510.0	0.0	0.0	7,510.0	2.796	2.796	209,980.00
		<u>7,510.0</u>	<u>0.0</u>	<u>0.0</u>	<u>7,510.0</u>	<u>2.796</u>	<u>2.796</u>	<u>209,980.00</u>
ACTUAL:								
	AS AVAILABLE							
McKAY BAY REFUSE	COGEN.	2.0	0.0	0.0	2.0	2.100	2.100	42.00
CARGILL RIDGEWOOD	COGEN.	5,037.0	0.0	0.0	5,037.0	2.000	2.000	100,763.65
CARGILL GREEN BAY	COGEN.	0.0	0.0	0.0	0.0	0.000	0.000	0.00
CARGILL MILLPOINT	COGEN.	1,390.0	0.0	0.0	1,390.0	1.973	1.973	27,423.84
CF INDUSTRIES INC.	COGEN.	863.0	0.0	0.0	863.0	2.061	2.061	17,789.54
IMC-AGRICO-NEW WALES	COGEN.	840.0	0.0	0.0	840.0	2.045	2.045	17,174.76
IMC-AGRICO-S. PIERCE	COGEN.	10,810.0	0.0	0.0	10,810.0	1.981	1.981	214,167.10
HILLSBOROUGH COUNTY	COGEN.	1.0	0.0	0.0	1.0	2.059	2.059	20.59
SUB-TOTAL CURRENT MONTH		18,943.0	0.0	0.0	18,943.0	1.992	1.992	377,381.48
NO ADJUSTMENTS TO PRIOR MONTHS								
SUB-TOTAL FOR AS AVAIL.		18,943.0	0.0	0.0	18,943.0	1.992	1.992	377,381.48
TOTAL		18,943.0	0.0	0.0	18,943.0	1.992	1.992	377,381.48
CURRENT MONTH:								
DIFFERENCE		11,433.0	0.0	0.0	11,433.0	(0.804)	(0.804)	167,401.48
DIFFERENCE %		152.2%	0.0%	0.0%	152.2%	-28.7%	-28.7%	79.7%
PERIOD TO DATE:								
ACTUAL		18,943.0	0.0	0.0	18,943.0	1.992	1.992	377,381.48
ESTIMATED		7,510.0	0.0	0.0	7,510.0	2.796	2.796	209,980.00
DIFFERENCE		11,433.0	0.0	0.0	11,433.0	(0.804)	(0.804)	167,401.48
DIFFERENCE %		152.2%	0.0%	0.0%	152.2%	-28.7%	-28.7%	79.7%

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
MONTH OF: January 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	25,000.0	0.0	25,000.0	3.041	760,140.00	3.041	760,140.00	0.00
TOTAL		25,000.0	0.0	25,000.0	3.041	760,140.00	3.041	760,140.00	0.00
ACTUAL:									
DUKE ENERGY FLORIDA	SCH. - J	100.0	0.0	100.0	6.300	6,300.00	6.300	6,300.00	0.00
FLA. POWER & LIGHT	SCH. - J	8,410.0	0.0	8,410.0	2.601	218,785.00	2.680	225,347.20	6,562.20
MORGAN STANLEY	SCH. - J	125.0	0.0	125.0	3.500	4,375.00	4.148	5,185.00	810.00
EXGEN	SCH. - J	153.0	0.0	153.0	2.400	3,672.00	3.390	5,186.70	1,514.70
SOUTHERN COMPANY	SCH. - J	100.0	0.0	100.0	2.400	2,400.00	3.390	3,390.00	990.00
SUB-TOTAL CURRENT MONTH		8,888.0	0.0	8,888.0	2.650	235,532.00	2.761	245,408.90	9,876.90
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		8,888.0	0.0	8,888.0	2.650	235,532.00	2.761	245,408.90	9,876.90
TOTAL		8,888.0	0.0	8,888.0	2.650	235,532.00	2.761	245,408.90	9,876.90
CURRENT MONTH:									
DIFFERENCE		(16,112.0)	0.0	(16,112.0)	(0.391)	(524,608.00)	(0.279)	(514,731.10)	9,876.90
DIFFERENCE %		-64.4%	0.0%	-64.4%	-12.8%	-69.0%	-9.2%	-67.7%	0.0%
PERIOD TO DATE:									
ACTUAL		8,888.0	0.0	8,888.0	2.650	235,532.00	2.761	245,408.90	9,876.90
ESTIMATED		25,000.0	0.0	25,000.0	3.041	760,140.00	3.041	760,140.00	0.00
DIFFERENCE		(16,112.0)	0.0	(16,112.0)	(0.391)	(524,608.00)	(0.279)	(514,731.10)	9,876.90
DIFFERENCE %		-64.4%	0.0%	-64.4%	-12.8%	-69.0%	-9.2%	-67.7%	0.0%

CAPACITY COSTS
ACTUAL PURCHASES AND SALES
TAMPA ELECTRIC COMPANY
MONTH OF: January 2016

CONTRACT	TERM		CONTRACT TYPE	
	START	END		
CALPINE	11/1/2011	12/31/2016	LT	QF = QUALIFYING FACILITY
PASCO COGEN LTD	1/1/2009	12/31/2018	LT	LT = LONG TERM
SEMINOLE ELECTRIC **	6/1/1992	-----	LT	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
CALPINE	117.0											
PASCO COGEN LTD	121.0											
SEMINOLE ELECTRIC	0.8											

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
TOTAL PURCHASES AND (SALES)	\$ 1,043,077	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,043,077
TOTAL CAPACITY	\$ 1,043,077	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,043,077

**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