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August 1, 2012

HAND DELIVERED

Ms. Ann Cole, 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. 120001-EI

Dear Ms. Cole:

Enclosed for filing in the above docket on behalf of Tampa Electric Company are the original and fifteen (15) copies of each of the following

1. Prepared Direct Testimony and Exhibit No. (CA-2) of Carlos Aldazabal regarding Fuel and Purchased Power Cost Recovery and Capacity Cost Recovery Actual/Estimated True-Up for the period January 2012 through December 2012.

2. Prepared Direct Testimony and Exhibit (JBC-2) of J. Brent Caldwell regarding Tampa Electric Company's Fuel Procurement and Wholesale Power Purchases Risk Management Plan 2013.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

COM 5 (testimonies only)
AFD 5
APA 1
ECO 1
ENG 1
GCL 1
IDM
TEL
CLK 1-(FPSC) (testimonies only)

JDB/pp
Enclosure

cc: All Parties of Record (w/enc.)

TECO
TAMPA ELECTRIC

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 120001-EI
IN RE: TAMPA ELECTRIC'S
FUEL & PURCHASED POWER COST RECOVERY
AND CAPACITY COST RECOVERY

ACTUAL/ESTIMATED TRUE-UP
JANUARY 2012 THROUGH DECEMBER 2012

TESTIMONY AND EXHIBIT
OF
CARLOS ALDAZABAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

CARLOS ALDAZABAL

Q. Please state your name, address, occupation and employer.

A. My name is Carlos Aldazabal. My business address is 702 North Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") in the position of Director, Regulatory Affairs in the Regulatory Affairs Department.

Q. Please provide a brief outline of your educational background and business experience.

A. I received a Bachelor of Science Degree in Accounting in 1991, and received a Masters of Accountancy from the University of South Florida in Tampa in 1995. I am a CPA in the State of Florida and have accumulated 17 years of electric utility experience working in the areas of fuel and interchange accounting, surveillance reporting, and budgeting and analysis. In April 1999, I joined Tampa Electric as Supervisor, Regulatory Accounting. In January 2004, I became Manager Regulatory Affairs where

my duties included managing cost recovery for fuel and purchased power, interchange sales, and capacity payments. In August 2009, I was promoted to Director Regulatory Affairs with primary responsibility for overseeing all of the cost recovery clauses.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present, for Commission review and approval, the calculation of the January 2012 through December 2012 fuel and purchased power and capacity true-up amounts to be recovered in the January 2013 through December 2013 projection period. My testimony addresses the recovery of fuel and purchased power costs as well as capacity costs for the year 2012, based on six months of actual data and six months of estimated data. This information will be used in the determination of the 2013 fuel and purchased power costs and capacity cost recovery factors.

Q. Have you prepared any exhibits to support your testimony?

A. Yes. I have prepared Exhibit No. ____ (CA-2), which contains two documents. Document No. 1 is comprised of Schedules E1-B, E-2, E-3, E-4, E-5, E-6, E-7, E-8, and E-

9, which provide the actual/estimated fuel and purchased power cost recovery true-up amount for the period January 2012 through December 2012. Document No. 2 provides the actual/estimated capacity cost recovery true-up amount for the period of January 2012 through December 2012. These documents are furnished as support for the projected true-up amount for this period.

Fuel and Purchased Power Cost Recovery Factors

Q. What has Tampa Electric calculated as the estimated net true-up amount for the current period to be applied in the January 2013 through December 2013 fuel and purchased power cost recovery factors?

A. The estimated net true-up amount applicable for the period January 2012 through December 2012 is an over-recovery of $69,319,858.

Q. How did Tampa Electric calculate the estimated net true-up amount to be applied in the January 2013 through December 2013 fuel and purchased power cost recovery factors?

A. The net true-up amount to be recovered in 2013 is the sum of the final true-up amount for the period January 2011

through December 2011 and the actual/estimated true-up amount for the period January 2012 through December 2012.

Q. What did Tampa Electric calculate as the final fuel and purchased power cost recovery true-up amount for 2011?

A. The final true-up was an over-recovery of $11,885,179. The actual fuel cost over-recovery, including interest was $59,698,589 for the period January 2011 through December 2011. The $59,698,589 amount, less the actual/estimated over-recovery amount of $47,813,410 approved in Order No. PSC-11-0579-FOF-EI, issued December 16, 2011 in Docket No. 110001-EI resulted in a net over-recovery amount for the period of $11,885,179.

Q. What did Tampa Electric calculate as the actual/estimated fuel and purchased power cost recovery true-up amount for the period January 2012 through December 2012?

A. The actual/estimated fuel and purchased power cost recovery true-up is an over-recovery amount of $57,434,679 for the January 2012 through December 2012 period. The detailed calculation supporting the actual/estimated current period true-up is shown in Exhibit No. ____ (CA-2), Document No. 1 on Schedule E1-B.

Capacity Cost Recovery Clause

Q. What has Tampa Electric calculated as the estimated net true-up amount to be applied in the January 2013 through December 2013 capacity cost recovery factors?

A. The estimated net true-up amount applicable for January 2013 through December 2013 is an under-recovery of $6,702,505 as shown in Exhibit No. ____ (CA-2), Document No. 2, page 2 of 5.

Q. How did Tampa Electric calculate the estimated net true-up amount to be applied in the January 2013 through December 2013 capacity cost recovery factors?

A. The net true-up amount to be recovered in the 2013 capacity cost recovery factors is the sum of the final true-up amount for 2011 and the actual/estimated true-up amount for January 2012 through December 2012.

Q. What did Tampa Electric calculate as the final capacity cost recovery true-up amount for 2011?

A. The final 2011 true-up is an under-recovery of $1,311,897. The actual capacity cost under-recovery including interest was $1,741,480 for the period January

2011 through December 2011. The $1,741,480 amount, less the actual/estimated under-recovery amount of $429,583 approved in Order No. PSC-11-0579-FOF-EI issued December 16, 2011 in Docket No. 110001-EI results in a net under-recovery amount for the period of $1,311,897 as identified in Exhibit No. ____ (CA-2), Document No. 2, page 1 of 5.

Q. What did Tampa Electric calculate as the actual/estimated capacity cost recovery true-up amount for the period January 2012 through December 2012?

A. The actual/estimated true-up amount is an under-recovery of $5,390,608 as shown on Exhibit No. ____ (CA-2), Document No. 2, page 1 of 5.

Q. Does this conclude your testimony?

A. Yes, it does.

Docket No. 120001-EI
FAC 2012 Actual/Estimated True-Up
Exhibit No. ____ (CA-2)
Document No. 1

TAMPA ELECTRIC COMPANY

FUEL AND PURCHASED POWER COST RECOVERY

ACTUAL / ESTIMATED

JANUARY 2012 THROUGH DECEMBER 2012

TAMPA ELECTRIC COMPANY

TABLE OF CONTENTS

TAMPA ELECTRIC COMPANY
CALCULATION OF ESTIMATED TRUE-UP
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

SCHEDULE E1-B

		ACTUAL						ESTIMATED						
		Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	TOTAL
A. 1.	Fuel Cost of System Net Generation	55,684,474	52,919,705	56,157,604	54,187,381	56,979,586	59,598,100	70,648,949	72,086,972	67,242,767	61,219,863	52,717,090	54,173,621	713,616,112
2.	Fuel Cost of Power Sold (1)	461,213	318,591	522,499	751,270	66,543	448,124	123,680	116,580	125,400	273,610	263,460	276,580	3,747,570
3.	Fuel Cost of Purchased Power	1,112,486	7,685,283	2,828,803	3,116,051	4,618,283	3,257,701	1,052,220	1,622,120	2,499,770	•1,610,410	782,090	36,570	30,221,787
3a.	Demand and Non-Fuel Cost of Purchased Pwr	0	0	0	0	0	0	0	0	0	0	0	0	0
3b.	Payments to Qualifying Facilities	588,796	343,653	509,255	486,168	701,281	550,442	727,810	766,240	694,080	751,160	728,210	691,300	7,518,395
4.	Energy Cost of Economy Purchases	118,674	236,912	870,304	1,433,979	1,535,945	1,690,182	2,732,500	2,707,060	1,723,700	588,860	232,590	149,340	14,020,046
5.	Adjustment to Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
5a.	Adjustment to Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	**TOTAL FUEL & NET POWER TRANS.**	**57,043,217**	**60,866,962**	**59,843,467**	**58,452,309**	**63,768,552**	**64,648,301**	**75,037,799**	**77,065,812**	**72,034,917**	**63,896,683**	**54,196,500**	**54,774,251**	**761,628,770**
(1)	Includes Gains													
B. 1.	Jurisdictional MWH Sales	1,407,348	1,296,255	1,310,527	1,490,440	1,514,091	1,731,858	1,783,036	1,782,108	1,837,776	1,609,120	1,395,992	1,346,584	18,507,135
2.	Non-Jurisdictional MWH Sales	2,775	2,565	2,775	2,595	2,715	2,580	3,760	4,636	3,169	1,890	128	98	29,686
3.	**TOTAL SALES (LINE B1+B2)**	**1,410,123**	**1,300,820**	**1,313,302**	**1,493,035**	**1,516,806**	**1,734,438**	**1,786,796**	**1,786,744**	**1,840,945**	**1,611,010**	**1,396,120**	**1,346,682**	**18,536,821**
4.	**Jurisdictional % of Total Sales**	**0.9980321**	**0.9980262**	**0.9978870**	**0.9982619**	**0.9982101**	**0.9985125**	**0.9978957**	**0.9974053**	**0.9982786**	**0.9988268**	**0.9999083**	**0.9999272**	-
C. 1.	Jurisdictional Fuel Recovery Revenue (Net of Revenue Taxes)	58,149,454	53,322,719	53,811,353	61,698,477	62,930,391	72,565,988	75,386,558	75,366,216	77,719,873	67,473,765	57,832,844	55,760,372	772,018,010
1a.	Adjustment to Fuel Revenue	0	0	0	0	0	0	0	0	0	0	0	0	0
2.	True-up Provision	3,984,451	3,984,451	3,984,451	3,984,451	3,984,451	3,984,451	3,984,451	3,984,451	3,984,451	3,984,451	3,984,451	3,984,449	47,813,410
2a.	Incentive Provision	(171,225)	(171,225)	(171,225)	(171,225)	(171,225)	(171,225)	(171,225)	(171,225)	(171,225)	(171,225)	(171,225)	(171,221)	(2,054,696)
3.	**FUEL REVENUE APPLICABLE TO PERIOD**	**61,962,680**	**57,135,945**	**57,624,579**	**65,511,703**	**66,743,617**	**76,379,214**	**79,199,784**	**79,179,442**	**81,533,099**	**71,286,991**	**61,646,070**	**59,573,600**	**817,776,724**
4.	Total Fuel and Net Power Transactions (Line A6)	57,043,217	60,866,962	59,843,467	58,452,309	63,768,552	64,648,301	75,037,799	77,065,812	72,034,917	63,896,683	54,196,500	54,774,251	761,628,770
5.	Jurisd. Total Fuel and Net Power Transactions (Line A6*Line B4)	56,930,962	60,746,945	59,717,017	58,350,713	63,654,414	64,552,136	74,879,897	76,865,849	71,910,916	63,821,719	54,191,530	54,770,263	760,392,361
5a.	Jurisdictional Loss Multiplier	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	-
5b.	Jurisdictional Sales Adjusted for Line Losses	56,936,655	60,753,020	59,722,989	58,356,548	63,660,779	64,558,591	74,887,385	76,873,536	71,918,107	63,828,101	54,196,949	54,775,740	760,468,400
5c.	Other	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	**JURISD. TOTAL FUEL AND NET POWER TRANSACTIONS**	**56,936,655**	**60,753,020**	**59,722,989**	**58,356,548**	**63,660,779**	**64,558,591**	**74,887,385**	**76,873,536**	**71,918,107**	**63,828,101**	**54,196,949**	**54,775,740**	**760,468,400**
7.	Over/(Under) Recovery	5,026,025	(3,617,075)	(2,098,410)	7,155,155	3,082,838	11,820,623	4,312,399	2,305,906	9,614,992	7,458,890	7,449,121	4,797,860	57,308,324
7a.	Revenue Refund True-Up Adjustment	0	0	41	0	0	0	0	0	0	0	0	0	41
8.	Interest Provision	3,813	5,694	4,009	4,379	4,979	5,327	10,324	15,873	16,430	17,710	18,686	19,290	126,314
9.	**TOTAL ESTIMATED TRUE-UP FOR THE PERIOD**													57,434,679

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Exhibit No. ____ (CA-2)
Document No. 1, Page 2 of 25

TAMPA ELECTRIC COMPANY
FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

SCHEDULE E2

		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	
		Actual						Estimated						TOTAL
		Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	PERIOD
1.	Fuel Cost of System Net Generation	55,684,474	52,919,705	56,157,604	54,187,381	56,979,586	59,598,100	70,648,949	72,086,972	67,242,767	61,219,863	52,717,090	54,173,621	713,616,112
2.	Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3.	Fuel Cost of Power Sold (1)	461,213	318,591	522,499	751,270	66,543	448,124	123,680	116,580	125,400	273,610	263,480	276,580	3,747,570
4.	Fuel Cost of Purchased Power	1,112,486	7,685,283	2,828,803	3,116,051	4,618,283	3,257,701	1,052,220	1,622,120	2,499,770	1,610,410	782,090	36,570	30,221,787
5.	Demand and Non-Fuel Cost of Purchased Power	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Payments to Qualifying Facilities	588,796	343,653	509,255	466,168	701,281	550,442	727,810	766,240	694,080	751,160	728,210	691,300	7,518,395
7.	Energy Cost of Economy Purchases	118,674	236,912	870,304	1,433,979	1,535,945	1,690,182	2,732,500	2,707,060	1,723,700	588,860	232,590	149,340	14,020,046
8.	Adjustment to Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
8a.	Adjustment to Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
9.	**TOTAL FUEL & NET POWER TRANSACTIONS**	**57,043,217**	**60,866,962**	**59,843,467**	**58,452,309**	**63,768,552**	**64,648,301**	**75,037,799**	**77,065,812**	**72,034,917**	**63,896,683**	**54,196,500**	**54,774,251**	**761,628,770**
10.	Jurisdictional MWH Sold	1,407,348	1,298,255	1,310,527	1,490,440	1,514,091	1,731,858	1,783,036	1,782,108	1,837,776	1,609,120	1,395,992	1,346,584	18,507,135
11.	Jurisdictional % of Total Sales	0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	-
12.	Jurisdictional Total Fuel & Net Power Transactions (Line 9 * Line 11)	56,930,962	60,746,945	59,717,017	58,350,713	63,654,414	64,552,136	74,879,897	76,865,849	71,910,916	63,821,719	54,191,530	54,770,263	760,392,361
13.	Jurisdictional Loss Multiplier	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	1.00010	-
14.	Jurisdictional Sales Adjusted for Line Losses (Line 12 * Line 13)	56,936,655	60,753,020	59,722,989	58,356,548	63,660,779	64,558,591	74,887,385	76,873,536	71,918,107	63,828,101	54,196,949	54,775,740	760,468,400
15.	Other	0	0	0	0	0	0	0	0	0	0	0	0	0
16.	**JURISD. TOTAL FUEL & NET PWR. TRANS. (LINE 14+15)**	**56,936,655**	**60,753,020**	**59,722,989**	**58,356,548**	**63,660,779**	**64,558,591**	**74,887,385**	**76,873,536**	**71,918,107**	**63,828,101**	**54,196,949**	**54,775,740**	**760,468,400**
17.	Cost Per kWh Sold (Cents/kWh)	4.0457	4.6796	4.5572	3.9154	4.2046	3.7277	4.2000	4.3136	3.9133	3.9666	3.8823	4.0678	4.1091
18.	True-up (Cents/kWh) (2)	(0.2831)	(0.3069)	(0.3040)	(0.2673)	(0.2632)	(0.2301)	(0.2235)	(0.2236)	(0.2168)	(0.2476)	(0.2854)	(0.2959)	(0.2623)
19.	Total (Cents/kWh) (Line 17+18)	3.7626	4.3727	4.2532	3.6481	3.9414	3.4976	3.9765	4.0900	3.6965	3.7190	3.5969	3.7719	3.8468
20.	Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
21.	Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	3.7653	4.3758	4.2563	3.6507	3.9442	3.5001	3.9794	4.0929	3.6992	3.7217	3.5995	3.7746	3.8496
22.	GPIF Adjusted for Taxes (Cents/kWh) (2)	0.0122	0.0132	0.0131	0.0115	0.0113	0.0099	0.0096	0.0096	0.0093	0.0106	0.0123	0.0127	0.0113
23.	**TOTAL RECOVERY FACTOR (LINE 21+22)**	**3.7775**	**4.3890**	**4.2694**	**3.6622**	**3.9555**	**3.5100**	**3.9890**	**4.1025**	**3.7085**	**3.7323**	**3.6118**	**3.7873**	**3.8609**
24.	**RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH**	**3.778**	**4.389**	**4.269**	**3.662**	**3.956**	**3.510**	**3.989**	**4.103**	**3.709**	**3.732**	**3.612**	**3.787**	**3.861**

(1) Includes Gains
(2) Based on Jurisdictional Sales Only

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Exhibit No. ____ (CA-2)
Document No. 1, Page 3 of 25

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ACTUAL FOR THE PERIOD: JANUARY 2012 THROUGH JUNE 2012

SCHEDULE E3

	ACTUAL					
	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
FUEL COST OF SYSTEM NET GENERATION ($)						
1. HEAVY OIL	0	0	0	0	0	0
2. LIGHT OIL	40,200	65,016	1,083,930	672,888	735,853	56,601
3. COAL	34,681,462	35,415,717	36,972,228	26,908,290	25,604,369	27,042,821
4. NATURAL GAS	20,962,812	17,438,972	18,101,446	26,606,203	30,639,364	32,498,678
5. NUCLEAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL ($)	**55,684,474**	**52,919,705**	**56,157,604**	**54,187,381**	**56,979,586**	**59,598,100**
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	11	44	5,155	2,937	3,415	0
10. COAL	971,948	971,628	1,002,665	707,156	687,760	710,779
11. NATURAL GAS	420,885	330,625	406,404	687,988	921,137	908,358
12. NUCLEAR	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	**1,392,844**	**1,302,297**	**1,414,224**	**1,398,081**	**1,612,312**	**1,619,137**
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	360	583	9,369	5,635	6,090	469
17. COAL (TON)	416,968	425,784	433,703	299,516	292,953	324,906
18. NATURAL GAS (MCF)	3,098,220	2,495,967	3,147,060	5,354,583	6,716,638	6,931,675
19. NUCLEAR (MMBTU)	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
BTUS BURNED (MMBTU)						
21. HEAVY OIL	0	0	0	0	0	0
22. LIGHT OIL	777	2,067	49,033	30,768	32,091	0
23. COAL	9,939,120	9,949,464	10,315,332	7,245,953	7,189,724	7,552,637
24. NATURAL GAS	3,138,497	2,530,912	3,187,972	5,450,966	6,810,671	7,035,403
25. NUCLEAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	**13,078,394**	**12,482,442**	**13,552,337**	**12,727,687**	**14,032,486**	**14,588,039**
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.00	0.00	0.36	0.21	0.21	0.00
30. COAL	69.78	74.61	70.90	50.58	42.66	43.90
31. NATURAL GAS	30.22	25.39	28.74	49.21	57.13	56.10
32. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
34. TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT						
35. HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL ($/BBL)	111.67	111.52	115.69	119.41	120.83	120.68
37. COAL ($/TON)	83.18	83.18	85.25	89.84	87.40	83.23
38. NATURAL GAS ($/MCF)	6.77	6.99	5.75	4.97	4.56	4.69
39. NUCLEAR ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)						
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	51.74	31.46	22.11	21.87	22.93	0.00
43. COAL	3.49	3.56	3.58	3.71	3.56	3.58
44. NATURAL GAS	6.68	6.89	5.68	4.88	4.50	4.62
45. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL ($/MMBTU)	**4.26**	**4.24**	**4.14**	**4.26**	**4.06**	**4.09**
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	70,627	46,968	9,512	10,476	9,397	0
50. COAL	10,226	10,240	10,288	10,247	10,454	10,626
51. NATURAL GAS	7,457	7,655	7,844	7,923	7,394	7,745
52. NUCLEAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	**9,390**	**9,585**	**9,583**	**9,104**	**8,703**	**9,010**
GENERATED FUEL COST PER KWH (CENTS/KWH)						
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	365.45	147.76	21.03	22.91	21.55	0.00
57. COAL	3.57	3.64	3.69	3.81	3.72	3.80
58. NATURAL GAS	4.98	5.27	4.45	3.87	3.33	3.58
59. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	**4.00**	**4.06**	**3.97**	**3.88**	**3.53**	**3.68**

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JULY 2012 THROUGH DECEMBER 2012

SCHEDULE E3

	Estimated						
	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	TOTAL
FUEL COST OF SYSTEM NET GENERATION ($)							
1. HEAVY OIL	0	0	0	0	0	0	0
2. LIGHT OIL	584,027	592,508	563,416	514,067	574,305	600,245	6,083,056
3. COAL	35,352,825	35,450,359	30,433,892	30,115,002	32,764,658	31,341,068	382,082,691
4. NATURAL GAS	34,712,097	36,044,105	36,245,459	30,590,794	19,378,127	22,232,308	325,450,365
5. NUCLEAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL ($)	**70,648,949**	**72,086,972**	**67,242,767**	**61,219,863**	**52,717,090**	**54,173,621**	**713,616,112**
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	2,730	2,740	2,590	2,300	2,550	2,640	27,112
10. COAL	995,640	998,230	845,850	840,090	911,710	870,400	10,513,856
11. NATURAL GAS	807,710	825,910	876,490	737,760	430,440	526,800	7,880,507
12. NUCLEAR	0	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	**1,806,080**	**1,826,880**	**1,724,930**	**1,580,150**	**1,344,700**	**1,399,840**	**18,421,475**
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	9,340	8,460	10,840	8,630	9,070	8,340	77,186
17. COAL (TON)	426,570	427,510	361,000	360,890	392,470	374,110	4,536,380
18. NATURAL GAS (MCF)	5,946,560	6,066,570	6,510,480	5,494,690	3,294,540	3,800,190	58,857,173
19. NUCLEAR (MMBTU)	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
BTUS BURNED (MMBTU)							
21. HEAVY OIL	0	0	0	0	0	0	0
22. LIGHT OIL	31,010	27,970	26,340	23,700	29,320	27,280	280,356
23. COAL	10,261,490	10,285,070	8,701,760	8,697,810	9,446,830	9,010,030	108,595,219
24. NATURAL GAS	6,019,250	6,123,750	6,335,590	5,425,180	3,120,770	3,906,590	59,085,550
25. NUCLEAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	**16,311,750**	**16,436,790**	**15,063,690**	**14,146,690**	**12,596,920**	**12,943,900**	**167,961,125**
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.15	0.15	0.15	0.15	0.19	0.19	0.15
30. COAL	55.13	54.64	49.04	53.16	67.80	62.18	57.07
31. NATURAL GAS	44.72	45.21	50.81	46.69	32.01	37.63	42.78
32. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
33. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
34. TOTAL (%)	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
FUEL COST PER UNIT							
35. HEAVY OIL ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
36. LIGHT OIL ($/BBL)	62.53	70.04	51.98	59.57	63.32	71.97	78.81
37. COAL ($/TON)	82.88	82.92	84.30	83.45	83.48	83.78	84.23
38. NATURAL GAS ($/MCF)	5.84	5.94	5.57	5.57	5.88	5.85	5.53
39. NUCLEAR ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FUEL COST PER MMBTU ($/MMBTU)							
41. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42. LIGHT OIL	18.83	21.18	21.39	21.69	19.59	22.00	21.70
43. COAL	3.45	3.45	3.50	3.46	3.47	3.48	3.52
44. NATURAL GAS	5.77	5.89	5.72	5.64	6.21	5.69	5.51
45. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
46. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
47. TOTAL ($/MMBTU)	**4.33**	**4.39**	**4.46**	**4.33**	**4.18**	**4.19**	**4.25**
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	11,359	10,208	10,170	10,304	11,498	10,333	10,341
50. COAL	10,306	10,303	10,288	10,353	10,362	10,352	10,329
51. NATURAL GAS	7,452	7,415	7,228	7,354	7,250	7,416	7,498
52. NUCLEAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	**9,032**	**8,997**	**8,733**	**8,953**	**9,368**	**9,247**	**9,118**
GENERATED FUEL COST PER KWH (CENTS/KWH)							
55. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56. LIGHT OIL	21.39	21.62	21.75	22.35	22.52	22.74	22.44
57. COAL	3.55	3.55	3.60	3.58	3.59	3.60	3.63
58. NATURAL GAS	4.30	4.36	4.14	4.15	4.50	4.22	4.13
59. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	**3.91**	**3.95**	**3.90**	**3.87**	**3.92**	**3.87**	**3.87**

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: January 2012

SCHEDULE A4
PAGE 1 OF 1

(A) PLANT/UNIT	(B) NET CAP-ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
B.B.#1	395	182,370	62.1	66.3	88.1	10,309	COAL	77,762	24,176,000	1,879,977.7	6,057,400	3.32	77.90
B.B.#2	395	266,190	90.6	95.5	91.5	9,812	COAL	108,298	24,118,000	2,611,936.5	8,436,052	3.17	77.90
B.B.#3	365	211,982	78.1	81.7	94.9	10,229	COAL	90,610	23,932,000	2,168,460.6	7,058,216	3.33	77.90
B.B.#4	427	289,036	91.0	97.6	91.4	10,401	COAL	130,367	23,060,000	3,006,265.3	10,155,154	3.51	77.90
B.B. IGNITION [4]	-	-	-	-	-	-	LGT.OIL	15,322	7,745,815	96,680.8	1,845,558	-	120.45
B.B. COAL	1,582	949,578	80.7	85.6	91.4	10,180	-	-	-	-	33,552,380	3.53	-
B.B.C.T.#4 (GAS)	61	795	1.8	98.7	76.9	12,676	GAS	9,949	1,013,000	10,077.8	66,639	8.38	6.70
B.B.C.T.#4 (OIL)	61	0	0.0	98.7	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B.C.T. #4 TOTAL	61	795	1.8	98.7	76.9	12,676	-	-	-	10,077.8	66,639	8.38	-
BIG BEND STATION TOTAL	1,643	950,373	77.7	86.1	90.9	10,182	-	-	-	9,676,717.9	33,619,019	3.54	-
POLK #1 GASIFIER	220	22,370	13.7	14.5	90.7	12,181	COAL	9,931	27,437,065	272,480.2	1,129,082	5.05	113.69
POLK #1 CT (OIL)	235	11	0.0	39.7	5.4	69,983	LGT.OIL	360	5,635,885	776.6	40,200	365.45	111.67
POLK #1 TOTAL	220	22,381	13.7	21.7	90.0	12,209	-	-	-	273,256.8	1,169,282	5.22	-
POLK #2 CT (GAS)	183	394	0.3	99.5	42.7	19,586	GAS	7,618	1,013,000	7,717.0	71,696	18.20	9.41
POLK #2 CT (OIL)	186	0	0.0	99.5	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	183	394	0.3	99.5	42.7	19,586	-	-	-	7,717.0	71,696	18.20	-
POLK #3 CT (GAS)	183	58	0.0	99.2	13.1	52,483	GAS	3,005	1,013,000	3,044.0	28,281	48.76	9.41
POLK #3 CT (OIL)	186	0	0.0	99.2	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	183	58	0.0	99.2	13.1	52,483	-	-	-	3,044.0	28,281	48.76	-
POLK #4 (GAS)	183	3,299	2.4	99.5	66.1	12,517	GAS	40,763	1,013,000	41,293.0	383,641	11.63	9.41
POLK #5 (GAS)	183	1,265	0.9	100.0	56.0	12,986	GAS	16,216	1,013,000	16,427.0	152,618	12.06	9.41
POLK STATION TOTAL	952	27,397	3.9	81.5	55.0	12,474	-	-	-	341,737.8	1,805,518	6.59	-
COT 1 [3]	3	(5)	0.0	0.0	0.0	0	GAS	0	0	0.0	147	(2.94)	0.00
COT 2	3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
CITY OF TAMPA TOTAL	6	(5)	0.0	50.0	0.0	0	GAS	0	0	0.0	294	(5.88)	0.00
BAYSIDE ST 1 [3]	243	(744)	0.0	100.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT1A [3]	183	(48)	0.0	100.0	0.0	0	GAS	0	1,013,000	0.0	0	0.00	0.00
BAYSIDE CT1B [3]	183	(48)	0.0	100.0	0.0	0	GAS	0	1,013,000	0.0	0	0.00	0.00
BAYSIDE CT1C [3]	183	(49)	0.0	100.0	0.0	0	GAS	0	1,013,000	0.0	0	0.00	0.00
BAYSIDE UNIT 1 TOTAL [3]	792	(889)	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE ST 2	315	140,830	60.1	100.0	60.1	-		-	-	-	-	-	-
BAYSIDE CT2A	183	74,295	54.6	100.0	74.0	11,055	GAS	810,781	1,013,000	821,321.0	5,437,911	7.32	6.71
BAYSIDE CT2B	183	88,508	65.0	100.0	73.3	11,176	GAS	976,499	1,013,000	989,193.0	6,549,382	7.40	6.71
BAYSIDE CT2C	183	48,260	35.4	100.0	76.2	11,056	GAS	526,724	1,013,000	533,571.0	3,532,739	7.32	6.71
BAYSIDE CT2D	183	58,979	43.3	100.0	74.2	11,188	GAS	651,367	1,013,000	659,835.0	4,368,720	7.41	6.71
BAYSIDE UNIT 2 TOTAL	1,047	410,872	52.7	100.0	70.1	7,311	GAS	2,965,371	1,013,000	3,003,920.0	19,888,752	4.84	6.71
BAYSIDE UNIT 3 TOTAL	61	591	1.3	100.0	75.2	11,687	GAS	6,818	1,013,000	6,907.0	45,731	7.74	6.71
BAYSIDE UNIT 4 TOTAL	61	1,097	2.4	100.0	87.9	10,908	GAS	11,812	1,013,000	11,966.0	79,226	7.22	6.71
BAYSIDE UNIT 5 TOTAL	61	880	1.9	100.0	77.6	11,390	GAS	9,894	1,013,000	10,023.0	66,361	7.54	6.71
BAYSIDE UNIT 6 TOTAL	61	2,528	5.6	100.0	92.0	10,729	GAS	26,774	1,013,000	27,122.0	179,573	7.10	6.71
BAYSIDE STATION TOTAL	2,083	415,079	26.8	100.0	72.6	7,372	GAS	3,020,669	1,013,000	3,059,938.0	20,259,643	4.88	6.71
SYSTEM	4,684	1,392,844	40.0	91.3	63.1	9,390	-	-	-	13,078,393.7	55,684,474	4.00	-

Footnotes:

[1] As burned fuel cost system total includes ignition oil.
[2] Fuel burned (MM BTU) system total excludes ignition oil.
[3] Station Service
[4] Includes BB#2 ignition oil adjustments to units burned of 3,709.86 and 6,719.29 for November and December 2011 respectively.
Includes BB#2 ignition oil adjustments to MMBTU of 20,911.1 and 37,874.1 for November and December 2011 respectively.
Includes BB#2 ignition oil adjustments to fuel costs of $442,025.09 and $812,536.97 for November and December 2011 respectively.

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE
COT = CITY OF TAMPA

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: February 2012

SCHEDULE A4
PAGE 1 OF 1

(A) PLANT/UNIT		(B) NET CAP-ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
B.B.#1		395	249,783	90.9	96.1	90.9	10,284	COAL	107,997	23,786,000	2,568,819.0	8,774,042	3.51	81.24
B.B.#2		395	232,802	84.7	87.9	84.7	9,926	COAL	99,030	23,334,000	2,310,767.0	8,045,532	3.46	81.24
B.B.#3		365	212,105	83.5	86.2	83.8	10,391	COAL	93,085	23,678,000	2,204,062.6	7,562,540	3.57	81.24
B.B.#4		427	279,663	94.1	99.3	94.1	10,247	COAL	125,672	22,804,000	2,865,815.2	10,210,019	3.65	81.24
B.B. IGNITION		-	-	-	-	-	-	LGT.OIL	251	5,636,610	1,416.0	30,937	-	123.25
B.B. COAL		1,582	974,353	88.5	92.6	88.6	10,211	-	-	-	-	34,623,070	3.55	-
B.B.C.T.#4 (GAS)		61	1,184	2.8	100.0	76.8	12,318	GAS	14,383	1,014,000	14,584.6	95,057	8.03	6.61
B.B.C.T.#4 (OIL)		61	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B.C.T. #4 TOTAL		61	1,184	2.8	100.0	76.8	12,318	-	-	-	14,584.6	95,057	8.03	-
BIG BEND STATION TOTAL		1,643	975,537	85.3	92.9	88.1	10,214	-	-	-	9,964,048.4	34,718,127	3.56	-
POLK #1 GASIFIER	(3)	220	(2,725)	0.0	1.7	0.0	0	COAL	0	0	0.0	792,647	(29.09)	0.00
POLK #1 CT (OIL)		235	44	0.0	1.7	6.7	46,846	LGT.OIL	583	5,635,885	2,067.0	65,016	147.76	111.52
POLK #1 TOTAL		220	(2,681)	0.0	1.7	0.0	0	-	-	-	2,067.0	857,663	(31.99)	-
POLK #2 CT (GAS)		183	671	0.5	97.3	56.0	15,031	GAS	9,947	1,014,000	10,086.0	62,057	9.25	6.24
POLK #2 CT (OIL)		186	0	0.0	97.3	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL		183	671	0.5	97.3	56.0	15,031	-	-	-	10,086.0	62,057	9.25	-
POLK #3 CT (GAS)		183	2,077	1.6	97.1	65.3	12,261	GAS	25,115	1,014,000	25,467.0	152,388	7.34	6.07
POLK #3 CT (OIL)		186	0	0.0	97.1	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL		183	2,077	1.6	97.1	65.3	12,261	-	-	-	25,467.0	152,388	7.34	-
POLK #4 (GAS)		183	5,825	4.6	100.0	68.1	11,730	GAS	67,382	1,014,000	68,325.0	421,914	7.24	6.26
POLK #5 (GAS)		183	2,883	2.3	98.6	80.8	11,653	GAS	33,133	1,014,000	33,597.0	211,925	7.35	6.40
POLK STATION TOTAL		952	8,775	1.3	75.9	51.9	15,902	-	-	-	139,542.0	1,705,947	19.44	-
COT 1	(3)	3	(1)	0.0	0.0	0.0	0	GAS	0	0	0.0	147	(14.70)	0.00
COT 2		3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
CITY OF TAMPA TOTAL		6	(1)	0.0	50.0	0.0	0	GAS	0	0	0.0	294	(29.40)	0.00
BAYSIDE ST 1		243	88,463	52.3	92.5	62.8	-		-	-	-	-	-	-
BAYSIDE CT1A		183	45,487	35.7	100.0	72.5	11,475	GAS	514,740	1,014,000	521,946.0	3,667,177	8.06	7.12
BAYSIDE CT1B		183	65,768	51.6	100.0	71.3	11,460	GAS	743,320	1,014,000	753,726.0	5,295,656	8.05	7.12
BAYSIDE CT1C		183	52,539	41.2	98.8	69.4	10,959	GAS	567,826	1,014,000	575,776.0	4,045,379	7.70	7.12
BAYSIDE UNIT 1 TOTAL		792	252,257	45.8	97.4	68.6	7,340	GAS	1,825,886	1,014,000	1,851,448.0	13,008,212	5.16	7.12
BAYSIDE ST 2		315	20,051	9.1	20.9	43.8	-		-	-	-	-	-	-
BAYSIDE CT2A		183	9,271	7.3	20.9	70.9	11,363	GAS	103,894	1,014,000	105,349.0	689,351	7.44	6.64
BAYSIDE CT2B		183	17,656	13.9	21.0	66.1	11,776	GAS	205,047	1,014,000	207,918.0	1,360,516	7.71	6.64
BAYSIDE CT2C		183	1,343	1.1	3.1	68.1	11,824	GAS	15,661	1,014,000	15,880.0	103,913	7.74	6.64
BAYSIDE CT2D		183	9,491	7.5	26.6	70.0	11,711	GAS	109,617	1,014,000	111,152.0	727,324	7.66	6.64
BAYSIDE UNIT 2 TOTAL		1,047	57,812	7.9	18.8	61.3	7,616	GAS	434,219	1,014,000	440,299.0	2,881,104	4.98	6.64
BAYSIDE UNIT 3 TOTAL		61	1,616	3.8	100.0	93.4	11,095	GAS	17,681	1,014,000	17,929.0	123,858	7.66	7.01
BAYSIDE UNIT 4 TOTAL		61	1,510	3.6	100.0	95.2	10,826	GAS	16,122	1,014,000	16,348.0	112,968	7.48	7.01
BAYSIDE UNIT 5 TOTAL		61	1,681	4.0	99.9	84.5	11,343	GAS	18,805	1,014,000	19,068.0	133,358	7.93	7.09
BAYSIDE UNIT 6 TOTAL		61	3,110	7.3	100.0	91.8	10,855	GAS	33,294	1,014,000	33,760.0	235,837	7.58	7.08
BAYSIDE STATION TOTAL		2,083	317,986	21.9	58.2	67.6	7,481	GAS	2,346,007	1,014,000	2,378,852.0	16,495,337	5.19	7.03
SYSTEM		4,684	1,302,297	39.9	74.0	71.6	9,585	-	-	-	12,482,442.4	52,919,705	4.06	-

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

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE
COT = CITY OF TAMPA

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: March 2012

SCHEDULE A4
PAGE 1 OF 1

(A) PLANT/UNIT	(B) NET CAP-ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU)[2]	(L) AS BURNED FUEL COST ($)[1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
B.B.#1	395	267,166	91.0	96.0	91.0	10,307	COAL	115,444	23,852,000	2,753,568.9	9,518,022	3.56	82.45
B.B.#2	395	185,179	63.1	64.2	74.2	10,099	COAL	78,407	23,852,000	1,870,161.9	6,464,429	3.49	82.45
B.B.#3	365	151,091	55.7	58.1	83.5	10,425	COAL	67,218	23,434,000	1,575,182.9	5,541,929	3.67	82.45
B.B.#4	427	294,024	92.7	97.7	92.7	10,087	COAL	131,329	22,584,000	2,965,926.9	10,827,694	3.68	82.45
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	2,723	5,662,605	15,418.9	338,888	-	124.45
B.B. COAL	**1,582**	**897,460**	**76.4**	**79.8**	**85.5**	**10,212**	-	-	-	-	**32,690,962**	**3.64**	-
B.B.C.T.#4 (GAS)	61	786	1.7	98.9	80.0	13,121	GAS	10,181	1,013,000	10,313.3	58,354	7.42	5.73
B.B.C.T.#4 (OIL)	61	0	0.0	98.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B.C.T. #4 TOTAL	**61**	**786**	**1.7**	**98.9**	**80.0**	**13,121**	-	-	-	**10,313.3**	**58,354**	**7.42**	-
BIG BEND STATION TOTAL	**1,643**	**898,246**	**73.6**	**80.5**	**85.3**	**10,215**	-	-	-	**9,175,153.9**	**32,749,316**	**3.65**	-
POLK #1 GASIFIER	220	105,205	64.4	96.3	97.1	10,936	COAL	41,305	27,653,516	1,150,491.1	4,281,266	4.07	103.65
POLK #1 CT (OIL)	235	5,155	3.0	97.2	52.1	9,512	LGT.OIL	9,369	5,650,715	49,032.8	1,083,930	21.03	115.69
POLK #1 TOTAL	**220**	**110,360**	**67.5**	**96.3**	**93.8**	**10,869**	-	-	-	**1,199,523.9**	**5,365,196**	**4.86**	-
POLK #2 CT (GAS)	183	10,027	7.4	100.0	67.9	11,490	GAS	113,729	1,013,000	115,207.0	618,201	6.17	5.44
POLK #2 CT (OIL)	186	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	**183**	**10,027**	**7.4**	**100.0**	**67.9**	**11,490**	-	-	-	**115,207.0**	**618,201**	**6.17**	-
POLK #3 CT (GAS)	183	11,192	8.2	100.0	67.4	11,676	GAS	128,997	1,013,000	130,674.0	702,386	6.28	5.44
POLK #3 CT (OIL)	186	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	**183**	**11,192**	**8.2**	**100.0**	**67.4**	**11,676**	-	-	-	**130,674.0**	**702,386**	**6.28**	-
POLK #4 (GAS)	**183**	**10,644**	**7.8**	**69.0**	**67.9**	**11,838**	GAS	**124,385**	**1,013,000**	**126,002.0**	**677,747**	**6.37**	**5.45**
POLK #5 (GAS)	**183**	**10,348**	**7.6**	**63.2**	**72.5**	**11,014**	GAS	**112,515**	**1,013,000**	**113,978.0**	**612,934**	**5.92**	**5.45**
POLK STATION TOTAL	**952**	**152,571**	**21.6**	**86.1**	**74.7**	**11,047**	-	-	-	**1,685,384.9**	**7,976,464**	**5.23**	-
COT 1	3	0	0.0	0.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
COT 2	3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
CITY OF TAMPA TOTAL	**6**	**0**	**0.0**	**50.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**294**	**0.00**	**0.00**
BAYSIDE ST 1	243	125,611	69.6	100.0	69.6	-		-	-	-	-	-	-
BAYSIDE CT1A	183	77,016	56.6	100.0	72.7	11,458	GAS	871,145	1,013,000	882,470.0	5,057,273	6.57	5.81
BAYSIDE CT1B	183	81,334	59.8	100.0	72.4	11,386	GAS	914,200	1,013,000	926,085.0	5,307,221	6.53	5.81
BAYSIDE CT1C	183	74,264	54.6	100.0	73.1	10,721	GAS	786,000	1,013,000	796,218.0	4,562,979	6.14	5.81
BAYSIDE UNIT 1 TOTAL	**792**	**358,225**	**60.9**	**100.0**	**71.8**	**7,271**	**GAS**	**2,571,345**	**1,013,000**	**2,604,773.0**	**14,927,473**	**4.17**	**5.81**
BAYSIDE ST 2	315	0	0.0	0.0	0.0	-		-	-	-	-	-	-
BAYSIDE CT2A [3]	183	(640)	0.0	0.0	0.0	0	GAS	0	1,013,000	0.0	0	0.00	0.00
BAYSIDE CT2B [3]	183	(640)	0.0	0.0	0.0	0	GAS	0	1,013,000	0.0	0	0.00	0.00
BAYSIDE CT2C [3]	183	(641)	0.0	0.0	0.0	0	GAS	0	1,013,000	0.0	0	0.00	0.00
BAYSIDE CT2D [3,4]	183	(641)	0.0	0.0	0.0	0	GAS	0	1,013,000	0.0	5,258	(0.82)	0.00
BAYSIDE UNIT 2 TOTAL	**1,047**	**(2,562)**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**1,013,000**	**0.0**	**5,258**	**(0.21)**	**0.00**
BAYSIDE UNIT 3 TOTAL	**61**	**2,797**	**6.2**	**100.0**	**86.6**	**11,145**	**GAS**	**30,772**	**1,013,000**	**31,172.0**	**178,660**	**6.39**	**5.81**
BAYSIDE UNIT 4 TOTAL	**61**	**2,281**	**5.0**	**99.8**	**83.7**	**11,036**	**GAS**	**24,849**	**1,013,000**	**25,172.0**	**144,281**	**6.33**	**5.81**
BAYSIDE UNIT 5 TOTAL	**61**	**1,546**	**3.4**	**100.0**	**76.9**	**11,598**	**GAS**	**17,701**	**1,013,000**	**17,931.0**	**102,770**	**6.65**	**5.81**
BAYSIDE UNIT 6 TOTAL	**61**	**1,120**	**2.5**	**100.0**	**79.4**	**11,384**	**GAS**	**12,586**	**1,013,000**	**12,750.0**	**73,088**	**6.53**	**5.81**
BAYSIDE STATION TOTAL	**2,083**	**363,407**	**23.5**	**49.7**	**74.1**	**7,407**	**GAS**	**2,657,253**	**1,013,000**	**2,691,798.0**	**15,431,530**	**4.25**	**5.81**
SYSTEM	**4,684**	**1,414,224**	**40.6**	**67.9**	**85.0**	**9,583**	-	-	-	**13,552,336.8**	**56,157,604**	**3.97**	-

Footnotes:
[1] As burned fuel cost system total includes ignition oil.
[2] Fuel burned (MM BTU) system total excludes ignition oil.
[3] Station Service
[4] As burned fuel cost represents adjustments to January & February 2012.

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE
COT = CITY OF TAMPA

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: April 2012

SCHEDULE A4
PAGE 1 OF 1

(A) PLANT/UNIT	(B) NET CAP-ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
B.B.#1	385	10,989	4.0	4.0	100.3	10,398	COAL	4,694	24,340,000	114,264.1	402,926	3.67	85.84
B.B.#2	385	136,452	49.2	50.1	96.7	9,912	COAL	56,617	23,888,000	1,352,457.8	4,859,910	3.56	85.84
B.B.#3	365	177,651	67.6	70.7	95.4	10,314	COAL	78,931	23,214,000	1,832,304.5	6,775,307	3.81	85.84
B.B.#4	417	236,477	78.8	79.0	79.6	10,441	COAL	106,366	23,214,000	2,469,172.0	9,130,283	3.86	85.84
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	4,764	5,670,094	27,013.6	596,106	-	125.13
B.B. COAL	1,552	561,569	50.3	51.3	92.7	10,272	-	-	-	-	21,764,532	3.88	-
B.B.C.T.#4 (GAS)	56	2,597	6.4	100.0	89.0	11,472	GAS	29,267	1,018,000	29,793.9	144,387	5.56	4.93
B.B.C.T.#4 (OIL)	56	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B.C.T. #4 TOTAL	56	2,597	6.4	100.0	89.0	11,472	-	-	-	29,793.9	144,387	5.56	-
BIG BEND STATION TOTAL	1,608	564,166	48.7	53.0	92.6	10,277	-	-	-	5,797,992.3	21,908,919	3.88	-
POLK #1 GASIFIER	220	145,587	91.9	90.8	98.7	10,150	COAL	52,908	27,930,875	1,477,754.2	5,143,758	3.53	97.22
POLK #1 CT (OIL)	215	2,937	1.9	99.8	49.2	10,475	LGT.OIL	5,635	5,665,655	30,768.9	672,888	22.91	119.41
POLK #1 TOTAL	220	148,524	93.8	97.7	96.7	10,157	-	-	-	1,508,523.1	5,816,646	3.92	-
POLK #2 CT (GAS)	151	24,638	22.7	98.5	86.4	12,848	GAS	310,941	1,018,000	316,538.0	1,525,406	6.19	4.91
POLK #2 CT (OIL)	159	0	0.0	98.5	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	151	24,638	22.7	98.5	86.4	12,848	-	-	-	316,538.0	1,525,406	6.19	-
POLK #3 CT (GAS)	151	16,159	14.9	97.9	84.2	10,715	GAS	170,081	1,018,000	173,142.0	834,224	5.16	4.90
POLK #3 CT (OIL)	159	0	0.0	97.9	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	151	16,159	14.9	97.9	84.2	10,715	-	-	-	173,142.0	834,224	5.16	-
POLK #4 (GAS)	151	28,629	26.3	100.0	85.3	11,085	GAS	311,750	1,018,000	317,362.0	1,528,376	5.34	4.90
POLK #5 (GAS)	151	27,487	25.3	100.0	86.4	10,228	GAS	276,163	1,018,000	281,134.0	1,354,353	4.93	4.90
POLK STATION TOTAL	824	245,437	41.4	98.7	88.5	10,580	-	-	-	2,596,699.1	11,059,005	4.51	-
COT 1	3	0	0.0	0.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
COT 2	3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
CITY OF TAMPA TOTAL	6	0	0.0	50.0	0.0	0	GAS	0	0	0.0	294	0.00	0.00
BAYSIDE ST 1	233	129,214	77.0	98.3	78.4	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	93,979	83.7	98.8	89.4	11,197	GAS	1,033,671	1,018,000	1,052,277.0	5,151,169	5.48	4.98
BAYSIDE CT1B	156	71,138	63.3	98.1	91.0	11,058	GAS	772,747	1,018,000	786,656.0	3,850,887	5.41	4.98
BAYSIDE CT1C	156	81,458	72.5	98.6	91.0	10,441	GAS	835,464	1,018,000	850,502.0	4,163,429	5.11	4.98
BAYSIDE UNIT 1 TOTAL	701	375,789	74.5	98.4	86.4	7,157	GAS	2,641,882	1,018,000	2,689,435.0	13,165,485	3.50	4.98
BAYSIDE ST 2	305	67,985	31.0	66.5	49.4	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	27,353	24.4	37.6	89.6	11,098	GAS	298,198	1,018,000	303,566.0	1,487,642	5.44	4.99
BAYSIDE CT2B	156	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
BAYSIDE CT2C	156	52,342	46.6	75.3	92.9	11,269	GAS	579,401	1,018,000	589,830.0	2,890,500	5.52	4.99
BAYSIDE CT2D	156	54,394	48.4	85.2	76.9	11,605	GAS	620,099	1,018,000	631,261.0	3,093,533	5.69	4.99
BAYSIDE UNIT 2 TOTAL	929	202,074	30.2	55.1	71.8	7,545	GAS	1,497,698	1,018,000	1,524,657.0	7,471,675	3.70	4.99
BAYSIDE UNIT 3 TOTAL	56	1,667	4.1	98.5	84.1	11,398	GAS	18,664	1,018,000	19,000.0	92,945	5.58	4.98
BAYSIDE UNIT 4 TOTAL	56	1,731	4.3	92.6	93.8	11,171	GAS	18,995	1,018,000	19,337.0	94,620	5.47	4.98
BAYSIDE UNIT 5 TOTAL	56	2,913	7.2	99.4	63.1	11,330	GAS	32,419	1,018,000	33,003.0	161,608	5.55	4.98
BAYSIDE UNIT 6 TOTAL	56	4,304	10.7	99.3	65.7	11,051	GAS	46,723	1,018,000	47,564.0	232,830	5.41	4.98
BAYSIDE STATION TOTAL	1,854	588,478	44.1	76.6	78.5	7,363	GAS	4,256,381	1,018,000	4,332,996.0	21,219,163	3.61	4.99
SYSTEM	4,292	1,398,081	45.2	72.0	90.9	9,104	-	-	-	12,727,687.4	54,187,381	3.88	-

Footnotes:
[1] As burned fuel cost system total includes ignition oil.
[2] Fuel burned (MM BTU) system total excludes ignition oil.

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE
COT = CITY OF TAMPA

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: May 2012

SCHEDULE A4
PAGE 1 OF 1
REVISED 7/20/12

(A) PLANT/UNIT	(B) NET CAP-ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
B.B.#1	385	4,308	1.5	2.0	31.3	10,153	COAL	1,871	23,378,000	43,740.5	154,333	3.58	82.49
B.B.#2	385	258,070	90.1	94.3	91.3	10,014	COAL	107,195	24,108,000	2,584,267.7	8,842,198	3.43	82.49
B.B.#3	365	221,808	81.7	84.1	96.6	10,503	COAL	96,943	24,030,000	2,329,551.3	7,996,541	3.61	82.49
B.B.#4	417	105,642	34.1	38.1	62.2	11,186	COAL	49,659	23,796,000	1,181,685.3	4,096,224	3.88	82.49
B.B. IGNITION	-	-	-	-	-	-	LGT.OIL	7,153	5,684,175	40,657.8	910,698	-	127.32
B.B. COAL	1,552	589,828	51.1	53.9	69.8	10,409	-	-	-	-	21,999,994	3.73	-
B.B.C.T.#4 (GAS)	56	960	2.3	94.8	81.6	12,928	GAS	12,240	1,014,000	12,411.0	56,801	5.92	4.64
B.B.C.T.#4 (OIL)	56	0	0.0	94.8	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
B.B.C.T. #4 TOTAL	56	960	2.3	94.8	81.6	12,928	-	-	-	12,411.0	56,801	5.92	-
BIG BEND STATION TOTAL	1,608	590,788	49.4	55.3	70.2	10,413	-	-	-	6,151,655.8	22,056,795	3.73	-
POLK #1 GASIFIER	220	97,932	59.8	63.3	83.0	10,727	COAL	37,285	28,174,608	1,050,479.3	3,604,375	3.68	96.67
POLK #1 CT (OIL)	215	3,415	2.1	75.7	58.7	9,396	LGT.OIL	6,090	5,674,673	32,090.4	735,853	21.55	120.83
POLK #1 TOTAL	220	101,347	61.9	73.0	81.7	10,682	-	-	-	1,082,569.7	4,340,228	4.28	-
POLK #2 CT (GAS)	151	23,467	20.9	98.6	83.0	11,373	GAS	263,207	1,014,000	266,892.0	1,220,673	5.20	4.64
POLK #2 CT (OIL)	159	0	0.0	98.6	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	151	23,467	20.9	98.6	83.0	11,373	-	-	-	266,892.0	1,220,673	5.20	-
POLK #3 CT (GAS)	151	17,477	15.6	100.0	81.3	11,656	GAS	200,895	1,014,000	203,708.0	931,000	5.33	4.63
POLK #3 CT (OIL)	159	0	0.0	100.0	0.0	0	LGT.OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	151	17,477	15.6	100.0	81.3	11,656	-	-	-	203,708.0	931,000	5.33	-
POLK #4 (GAS)	151	25,464	22.7	97.0	87.1	11,648	GAS	292,512	1,014,000	296,607.0	1,356,612	5.33	4.64
POLK #5 (GAS)	151	22,934	20.4	99.9	83.8	10,766	GAS	243,500	1,014,000	246,909.0	1,129,158	4.92	4.64
POLK STATION TOTAL	824	190,689	31.1	92.0	83.3	10,995	-	-	-	2,096,685.7	8,977,671	4.71	-
COT 1	3	0	0.0	0.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
COT 2	3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
CITY OF TAMPA TOTAL	6	0	0.0	50.0	0.0	0	GAS	0	0	0.0	294	0.00	0.00
BAYSIDE ST 1	233	123,345	71.2	97.4	73.0	-		-	-	-	-	-	-
BAYSIDE CT1A	156	73,680	63.5	90.4	88.1	11,197	GAS	781,053	1,014,000	791,988.0	3,544,732	4.81	4.54
BAYSIDE CT1B	156	84,577	72.9	86.4	87.8	11,143	GAS	883,704	1,014,000	896,076.0	4,010,603	4.74	4.54
BAYSIDE CT1C	156	74,134	63.9	90.2	88.8	10,452	GAS	732,094	1,014,000	742,343.0	3,322,537	4.48	4.54
BAYSIDE UNIT 1 TOTAL	701	355,736	68.2	91.8	83.2	7,147	GAS	2,396,851	1,014,000	2,430,407.0	10,877,872	3.06	4.54
BAYSIDE ST 2	305	162,516	71.6	100.0	71.6	-		-	-	-	-	-	-
BAYSIDE CT2A	156	68,309	58.9	79.0	87.9	11,065	GAS	716,508	1,014,000	726,539.0	3,264,343	4.78	4.56
BAYSIDE CT2B	156	44,162	38.0	50.9	88.0	11,157	GAS	476,039	1,014,000	482,703.0	2,168,789	4.91	4.56
BAYSIDE CT2C	156	95,141	82.0	100.0	88.3	11,212	GAS	1,005,925	1,014,000	1,020,008.0	4,582,900	4.82	4.56
BAYSIDE CT2D	156	95,407	82.2	100.0	88.0	11,246	GAS	1,010,048	1,014,000	1,024,189.0	4,601,684	4.82	4.56
BAYSIDE UNIT 2 TOTAL	929	465,535	67.4	88.3	82.6	7,278	GAS	3,208,520	1,014,000	3,253,439.0	14,617,716	3.14	4.56
BAYSIDE UNIT 3 TOTAL	56	1,371	3.3	75.7	90.9	11,130	GAS	14,403	1,014,000	14,605.0	65,118	4.75	4.52
BAYSIDE UNIT 4 TOTAL	56	2,131	5.1	84.0	84.2	11,015	GAS	22,312	1,014,000	22,624.0	101,244	4.75	4.54
BAYSIDE UNIT 5 TOTAL	56	2,117	5.1	81.6	89.2	11,197	GAS	22,048	1,014,000	22,357.0	100,161	4.73	4.54
BAYSIDE UNIT 6 TOTAL	56	3,945	9.5	81.5	94.9	10,907	GAS	40,150	1,014,000	40,712.0	182,715	4.63	4.55
BAYSIDE STATION TOTAL	1,854	830,835	60.2	88.7	83.7	7,265	GAS	5,704,284	1,014,000	5,784,144.0	25,944,826	3.12	4.55
SYSTEM	4,292	1,612,312	50.5	76.8	82.9	8,860	-	-	-	14,032,485.5	56,979,586	3.53	-

Footnotes:
[1] As burned fuel cost system total includes ignition oil.
[2] Fuel burned (MM BTU) system total excludes ignition oil.

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE
COT = CITY OF TAMPA

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
MONTH OF: June 2012

SCHEDULE A4
PAGE 1 OF 1

(A) PLANT/UNIT	(B) NET CAP-ABILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) NET AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE BTU/KWH	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU) [2]	(L) AS BURNED FUEL COST ($) [1]	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
B.B.#1	385	121,312	43.8	45.7	87.9	10,655	COAL	55,740	23,190,000	1,292,610.4	4,493,041	3.70	80.61
B.B.#2	385	236,927	85.5	87.2	88.4	10,280	COAL	104,143	23,388,000	2,435,687.1	8,394,668	3.54	80.61
B.B.#3	365	120,084	45.7	48.9	83.8	10,924	COAL	56,180	23,350,000	1,311,809.1	4,528,508	3.77	80.61
B.B.#4	417	236,731	78.8	81.3	82.4	10,613	COAL	108,843	23,084,000	2,512,530.2	8,773,522	3.71	80.61
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	6,523	5,695,941	37,153.6	831,146	-	127.42
B.B. COAL	**1,552**	**715,054**	**64.0**	**66.3**	**85.6**	**10,562**	-	-	-	-	**27,020,885**	**3.78**	-
B.B.C.T.#4 (GAS)	56	1,545	3.8	78.4	89.5	11,508	GAS	17,518	1,015,000	17,780.5	84,096	5.44	4.80
B.B.C.T.#4 (OIL)	56	0	0.0	78.4	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
B.B.C.T. #4 TOTAL	**56**	**1,545**	**3.8**	**78.4**	**89.5**	**11,508**	-	-	-	**17,780.5**	**84,096**	**5.44**	-
BIG BEND STATION TOTAL	**1,608**	**716,599**	**61.9**	**66.7**	**85.7**	**10,564**	-	-	-	**7,570,417.3**	**27,104,981**	**3.78**	-
POLK #1 GASIFIER	220	(4,275)	0.0	0.0	0.0	0	COAL	0	0	0.0	21,936	(0.51)	0.00
POLK #1 CT (OIL)	215	0	0.0	0.0	0.0	0	LGT OIL	469	0	0.0	56,601	0.00	120.68
POLK #1 TOTAL	**220**	**(4,275)**	**0.0**	**0.0**	**0.0**	**0**	-	-	-	**0.0**	**78,537**	**(1.84)**	-
POLK #2 CT (GAS)	151	9,384	8.6	98.1	45.1	11,360	GAS	105,027	1,015,000	106,602.0	526,834	5.61	5.02
POLK #2 CT (OIL)	159	0	0.0	98.1	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
POLK #2 TOTAL	**151**	**9,384**	**8.6**	**98.1**	**45.1**	**11,360**	-	-	-	**106,602.0**	**526,834**	**5.61**	-
POLK #3 CT (GAS)	151	12,219	11.2	99.6	72.7	11,543	GAS	138,958	1,015,000	141,042.0	706,125	5.78	5.08
POLK #3 CT (OIL)	159	0	0.0	99.6	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
POLK #3 TOTAL	**151**	**12,219**	**11.2**	**99.6**	**72.7**	**11,543**	-	-	-	**141,042.0**	**706,125**	**5.78**	-
POLK #4 (GAS)	**151**	**10,230**	**9.4**	**96.6**	**82.1**	**11,615**	GAS	**117,061**	**1,015,000**	**118,817.0**	**587,254**	**5.74**	**5.02**
POLK #5 (GAS)	**151**	**11,098**	**10.2**	**96.6**	**83.7**	**11,449**	GAS	**125,183**	**1,015,000**	**127,061.0**	**632,274**	**5.70**	**5.05**
POLK STATION TOTAL	**824**	**38,656**	**6.5**	**71.6**	**70.9**	**12,767**	-	-	-	**493,522.0**	**2,531,024**	**6.55**	-
COT 1	3	0	0.0	0.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
COT 2	3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	147	0.00	0.00
CITY OF TAMPA TOTAL	**6**	**0**	**0.0**	**50.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**294**	**0.00**	**0.00**
BAYSIDE ST 1	233	133,057	79.3	100.0	79.3	-	-	-	-	-	-	-	-
BAYSIDE CT1A	156	90,515	80.6	100.0	87.6	11,239	GAS	1,034,795	1,015,000	1,050,285.0	4,829,664	5.34	4.67
BAYSIDE CT1B	156	81,114	72.2	100.0	88.4	11,126	GAS	934,865	1,015,000	948,842.0	4,363,264	5.38	4.67
BAYSIDE CT1C	156	78,523	69.9	98.1	89.0	10,467	GAS	841,817	1,015,000	854,412.0	3,928,984	5.00	4.67
BAYSIDE UNIT 1 TOTAL	**701**	**383,209**	**75.9**	**99.6**	**85.3**	**7,154**	**GAS**	**2,811,477**	**1,015,000**	**2,853,539.0**	**13,121,912**	**3.42**	**4.67**
BAYSIDE ST 2	305	164,881	75.1	96.7	77.7	-	-	-	-	-	-	-	-
BAYSIDE CT2A	156	77,010	68.6	96.7	89.6	11,052	GAS	867,438	1,015,000	880,422.0	4,040,820	5.25	4.66
BAYSIDE CT2B	156	75,123	66.9	98.5	89.5	11,115	GAS	832,499	1,015,000	844,977.0	3,876,062	5.16	4.66
BAYSIDE CT2C	156	76,247	67.9	96.7	88.4	11,245	GAS	890,839	1,015,000	904,155.0	4,149,829	5.44	4.66
BAYSIDE CT2D	156	80,947	72.1	93.4	86.9	11,333	GAS	951,907	1,015,000	966,137.0	4,434,305	5.48	4.66
BAYSIDE UNIT 2 TOTAL	**929**	**474,208**	**70.9**	**96.5**	**85.0**	**7,298**	**GAS**	**3,542,683**	**1,015,000**	**3,595,691.0**	**16,503,016**	**3.48**	**4.66**
BAYSIDE UNIT 3 TOTAL	**56**	**2,887**	**7.2**	**99.9**	**94.0**	**11,103**	**GAS**	**32,226**	**1,015,000**	**32,709.0**	**153,065**	**5.30**	**4.75**
BAYSIDE UNIT 4 TOTAL	**56**	**2,291**	**5.7**	**100.0**	**89.9**	**11,095**	**GAS**	**25,879**	**1,015,000**	**26,267.0**	**120,845**	**5.27**	**4.67**
BAYSIDE UNIT 5 TOTAL	**56**	**1,101**	**2.7**	**95.0**	**41.1**	**9,018**	**GAS**	**11,112**	**1,015,000**	**11,277.0**	**49,200**	**4.47**	**4.43**
BAYSIDE UNIT 6 TOTAL	**56**	**186**	**0.5**	**98.6**	**75.8**	**12,360**	**GAS**	**4,551**	**1,015,000**	**4,617.0**	**13,763**	**7.40**	**3.02**
BAYSIDE STATION TOTAL **	**1,854**	**863,882**	**64.7**	**97.9**	**83.9**	**7,260**	**GAS**	**6,427,928**	**1,015,000**	**6,524,100.0**	**29,961,801**	**3.47**	**4.66**
SYSTEM	**4,292**	**1,619,137**	**52.4**	**81.1**	**82.8**	**8,854**	-	-	-	**14,588,039.3**	**59,598,100**	**3.68**	-

Footnotes:
[1] As burned fuel cost system total includes ignition oil.
[2] Fuel burned (MM BTU) system total excludes ignition oil.
* Station Service
** Includes May 2012 adjustments to Bayside of 248,433 mcf burned and $61,677 of fuel expense and 251,911 mmbtu's.

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE
COT = CITY OF TAMPA

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 2012

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. B.B.#1	385	195,460	68.2	70.3	0.0	10,355	COAL	84,160	24,050,261	2,024,070.0	6,608,740	3.38	78.53
2. B.B.#2	385	242,420	84.6	85.4	0.0	10,057	COAL	102,900	23,692,711	2,437,980.0	8,080,316	3.33	78.53
3. B.B.#3	365	187,690	69.1	74.2	92.8	10,495	COAL	83,110	23,700,156	1,969,720.0	6,526,288	3.48	78.53
4. B.B.#4	407	236,890	78.2	80.6	85.5	10,410	COAL	105,610	23,350,819	2,466,080.0	8,340,894	3.52	78.98
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	4,520	-	-	570,292	-	126.17
5. B.B. COAL	**1,542**	**862,460**	**75.2**	**77.7**	**179.9**	**10,317**		-	-	**8,897,850.0**	**30,126,530**	**3.49**	-
6. POLK #1 GASIFIER	220	133,180	81.4	-	-	10,239	COAL	50,790	26,848,592	1,363,640.0	5,226,295	3.92	102.90
7. POLK #1 CT OIL	218	2,720	1.7	-	-	10,232	LGT OIL	4,800	5,797,917	27,830.0	581,604	21.38	121.17
8. POLK #1 TOTAL	**220**	**135,900**	**83.0**	**85.3**	**0.0**	**10,239**		-	-	**1,391,470.0**	**5,807,899**	**4.27**	-
9. POLK #2 CT GAS	151	220	0.2	-	-	0	GAS	3,100	0	0.0	18,096	8.23	5.84
10. POLK #2 CT OIL	159	10	0.0	-	-	318,000	LGT OIL	20	159,000,000	3,180.0	2,423	24.23	121.15
11. POLK #2 TOTAL	**159**	**230**	**0.2**	**98.2**	**0.0**	**13,826**		-	-	**3,180.0**	**20,519**	**8.92**	-
12. POLK #3 CT GAS	151	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
13. POLK #3 CT OIL	159	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
14. POLK #3 TOTAL	**159**	**0**	**0.0**	**0.0**	**0.0**	**0**		-	-	**0.0**	**0**	**0.00**	-
15. POLK #4 CT GAS	**151**	**4,980**	**4.4**	**99.1**	**1,653.4**	**0**	**GAS**	**56,960**	**0**	**0.0**	**332,495**	**6.68**	**5.84**
16. POLK #5 CT GAS	**151**	**2,720**	**2.4**	**99.1**	**0.0**	**0**	**GAS**	**31,180**	**0**	**0.0**	**182,008**	**6.69**	**5.84**
17. CITY OF TAMPA GAS	**6**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
18. BAYSIDE #1	701	279,230	53.5	97.0	60.8	7,520	GAS	2,042,510	1,027,995	2,099,690.0	11,922,827	4.27	5.84
19. BAYSIDE #2	929	515,080	74.5	74.6	0.0	7,491	GAS	3,753,460	1,028,001	3,858,560.0	21,910,225	4.25	5.84
20. BAYSIDE #3	56	950	2.3	98.6	2.6	11,179	GAS	10,330	1,028,074	10,620.0	60,300	6.35	5.84
21. BAYSIDE #4	56	390	0.9	98.6	0.0	11,795	GAS	4,480	1,026,786	4,600.0	26,151	6.71	5.84
22. BAYSIDE #5	56	2,520	6.0	98.6	264.7	11,060	GAS	27,110	1,028,034	27,870.0	158,250	6.28	5.84
23. BAYSIDE #6	56	1,620	3.9	98.6	413.3	11,056	GAS	17,430	1,027,539	17,910.0	101,745	6.28	5.84
24. BAYSIDE TOTAL	**1,854**	**799,790**	**58.0**	**86.0**	**161.1**	**7,526**	**GAS**	**5,855,320**	**1,027,997**	**6,019,250.0**	**34,179,498**	**4.27**	**5.84**
25. B.B.C.T.#4 OIL	56	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
26. B.B.C.T.#4 GAS	56	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
27. B.B.C.T.#4 TOTAL	**56**	**0**	**0.0**	**0.0**	**0.0**	**0**		-	-	**0.0**	**0**	**0.00**	-
28. SYSTEM	**4,298**	**1,806,080**	**56.5**	**79.9**	**167.1**	**9,032**	-	-	-	**16,311,750.0**	**70,648,949**	**3.91**	-

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: AUGUST 2012

	(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1.	B.B.#1	385	197,250	68.9	70.3	0.0	10,351	COAL	84,900	24,049,823	2,041,830.0	6,686,002	3.39	78.75
2.	B.B.#2	385	242,350	84.6	85.4	0.0	10,057	COAL	102,860	23,695,120	2,437,280.0	8,100,379	3.34	78.75
3.	B.B.#3	365	188,290	69.3	74.2	93.1	10,493	COAL	83,360	23,700,936	1,975,710.0	6,564,725	3.49	78.75
4.	B.B.#4	407	236,210	78.0	80.6	85.2	10,413	COAL	105,340	23,350,484	2,459,740.0	8,357,683	3.54	79.34
	B.B. IGNITION	-	-	-	-	-	-	LGT OIL	3,630	-	-	461,425	-	127.11
5.	**B.B. COAL**	1,542	864,100	75.3	77.7	180.3	10,317		-	-	8,914,560.0	30,170,214	3.49	-
6.	POLK #1 GASIFIER	220	134,130	81.9	-	-	10,218	COAL	51,050	26,846,425	1,370,510.0	5,280,145	3.94	103.43
7.	POLK #1 CT OIL	218	2,740	1.7	-	-	10,208	LGT OIL	4,830	5,790,890	27,970.0	592,508	21.62	122.67
8.	**POLK #1 TOTAL**	220	136,870	83.6	85.3	0.0	10,218		-	-	1,398,480.0	5,872,653	4.29	-
9.	POLK #2 CT GAS	151	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
10.	POLK #2 CT OIL	159	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
11.	**POLK #2 TOTAL**	159	0	0.0	0.0	0.0	0		-	-	0.0	0	0.00	-
12.	POLK #3 CT GAS	151	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
13.	POLK #3 CT OIL	159	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
14.	**POLK #3 TOTAL**	159	0	0.0	0.0	0.0	0		-	-	0.0	0	0.00	-
15.	**POLK #4 CT GAS**	151	7,250	6.5	99.1	0.0	0	GAS	82,220	0	0.0	488,504	6.74	5.94
16.	**POLK #5 CT GAS**	151	2,420	2.2	99.1	0.0	0	GAS	27,430	0	0.0	162,973	6.73	5.94
17.	**CITY OF TAMPA GAS**	6	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
18.	BAYSIDE #1	701	285,290	54.7	97.0	62.1	7,500	GAS	2,081,280	1,028,012	2,139,580.0	12,365,781	4.33	5.94
19.	BAYSIDE #2	929	527,030	76.3	74.6	0.0	7,477	GAS	3,833,030	1,028,007	3,940,380.0	22,773,682	4.32	5.94
20.	BAYSIDE #3	56	610	1.5	98.6	1.7	11,197	GAS	6,640	1,028,614	6,830.0	39,451	6.47	5.94
21.	BAYSIDE #4	56	60	0.1	98.6	0.0	11,000	GAS	650	1,015,385	660.0	3,862	6.44	5.94
22.	BAYSIDE #5	56	2,250	5.4	98.6	334.8	11,187	GAS	24,490	1,027,766	25,170.0	145,506	6.47	5.94
23.	BAYSIDE #6	56	1,000	2.4	98.6	1,785.7	11,130	GAS	10,830	1,027,701	11,130.0	64,346	6.43	5.94
24.	**BAYSIDE TOTAL**	1,854	816,240	59.2	86.0	164.5	7,502	GAS	5,956,920	1,028,006	6,123,750.0	35,392,628	4.34	5.94
25.	B.B.C.T.#4 OIL	56	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
26.	B.B.C.T.#4 GAS	56	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
27.	**B.B.C.T.#4 TOTAL**	56	0	0.0	0.0	0.0	0		-	-	0.0	0	0.00	-
28.	**SYSTEM**	4,298	1,826,880	57.1	76.3	169.1	8,997	-	-	-	16,436,790.0	72,086,972	3.95	-

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: SEPTEMBER 2012

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. B.B.#1	385	187,860	67.8	70.3	0.0	10,357	COAL	80,900	24,049,815	1,945,630.0	6,346,128	3.38	78.44
2. B.B.#2	385	230,500	83.2	85.4	0.0	10,067	COAL	97,930	23,694,578	2,320,410.0	7,682,031	3.33	78.44
3. B.B.#3	365	90,140	34.3	74.2	46.1	10,520	COAL	40,020	23,695,402	948,290.0	3,139,333	3.48	78.44
4. B.B.#4	407	210,670	71.9	80.6	78.5	10,427	COAL	94,080	23,349,384	2,196,710.0	7,426,233	3.53	78.94
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	6,300	-	-	809,810	-	128.54
5. B.B. COAL	**1,542**	**719,170**	**64.8**	**77.7**	**155.0**	**10,305**		-	-	**7,411,040.0**	**25,403,535**	**3.53**	-
6. POLK #1 GASIFIER	220	126,680	80.0	-	-	10,189	COAL	48,070	26,850,843	1,290,720.0	5,030,357	3.97	104.65
7. POLK #1 CT OIL	218	2,590	1.7	-	-	10,170	LGT OIL	4,540	5,801,762	26,340.0	563,416	21.75	124.10
8. POLK #1 TOTAL	**220**	**129,270**	**81.6**	**85.3**	**0.0**	**10,188**		-	-	**1,317,060.0**	**5,593,773**	**4.33**	-
9. POLK #2 CT GAS	151	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
10. POLK #2 CT OIL	159	0	0.0	-	-	0	LGT OIL	0	0	0.0	(0)	0.00	0.00
11. POLK #2 TOTAL	**159**	**0**	**0.0**	**0.0**	**0.0**	**0**		-	-	**0.0**	**(0)**	**0.00**	-
12. POLK #3 CT GAS	151	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
13. POLK #3 CT OIL	159	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
14. POLK #3 TOTAL	**159**	**0**	**0.0**	**0.0**	**0.0**	**0**		-	-	**0.0**	**0**	**0.00**	-
15. POLK #4 CT GAS	**151**	**20,810**	**19.2**	**99.1**	**0.0**	**0**	**GAS**	**234,550**	**0**	**0.0**	**1,305,798**	**6.27**	**5.57**
16. POLK #5 CT GAS	**151**	**9,970**	**9.2**	**99.1**	**0.0**	**0**	**GAS**	**112,920**	**0**	**0.0**	**628,654**	**6.31**	**5.57**
17. CITY OF TAMPA GAS	**6**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
18. BAYSIDE #1	701	312,180	61.9	97.0	75.2	7,476	GAS	2,270,330	1,028,005	2,333,910.0	12,639,491	4.05	5.57
19. BAYSIDE #2	929	526,860	78.8	74.6	0.0	7,456	GAS	3,821,150	1,028,002	3,928,150.0	21,273,291	4.04	5.57
20. BAYSIDE #3	56	730	1.8	98.6	2.0	11,164	GAS	7,930	1,027,743	8,150.0	44,148	6.05	5.57
21. BAYSIDE #4	56	340	0.8	98.6	0.0	10,794	GAS	3,570	1,028,011	3,670.0	19,875	5.85	5.57
22. BAYSIDE #5	56	3,420	8.5	98.6	469.8	11,047	GAS	36,750	1,028,027	37,780.0	204,596	5.98	5.57
23. BAYSIDE #6	56	2,180	5.4	98.6	648.8	10,977	GAS	23,280	1,027,921	23,930.0	129,606	5.95	5.57
24. BAYSIDE TOTAL	**1,854**	**845,710**	**63.4**	**86.0**	**187.2**	**7,491**	**GAS**	**6,163,010**	**1,028,003**	**6,335,590.0**	**34,311,007**	**4.06**	**5.57**
25. B.B.C.T.#4 OIL	56	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
26. B.B.C.T.#4 GAS	56	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
27. B.B.C.T.#4 TOTAL	**56**	**0**	**0.0**	**0.0**	**0.0**	**0**		-	-	**0.0**	**0**	**0.00**	-
28. SYSTEM	**4,298**	**1,724,930**	**55.7**	**76.3**	**170.2**	**8,733**	-	-	-	**15,063,690.0**	**67,242,767**	**3.90**	-

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: OCTOBER 2012

(A) PLANT/UNIT	(B) NET CAPA-BILITY (MW)	(C) NET GENERATION (MWH)	(D) NET CAPACITY FACTOR (%)	(E) EQUIV. AVAIL. FACTOR (%)	(F) NET OUTPUT FACTOR (%)	(G) AVG. NET HEAT RATE (BTU/KWH)	(H) FUEL TYPE	(I) FUEL BURNED (UNITS)	(J) FUEL HEAT VALUE (BTU/UNIT)	(K) FUEL BURNED (MM BTU)	(L) AS BURNED FUEL COST ($)	(M) FUEL COST PER KWH (cents/KWH)	(N) COST OF FUEL ($/UNIT)
1. B.B.#1	385	191,620	66.9	70.3	0.0	10,367	COAL	82,600	24,049,637	1,986,500.0	6,475,095	3.38	78.39
2. B.B.#2	385	234,660	81.9	85.4	0.0	10,086	COAL	99,890	23,694,664	2,366,860.0	7,830,475	3.34	78.39
3. B.B.#3	365	178,160	65.6	74.2	88.1	10,526	COAL	79,130	23,699,482	1,875,340.0	6,203,079	3.48	78.39
4. B.B.#4	407	123,280	40.7	44.2	44.5	10,608	COAL	56,010	23,348,331	1,307,740.0	4,432,639	3.60	79.14
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	4,520	-	-	585,305	-	129.49
5. B.B. COAL	**1,542**	**727,720**	**63.4**	**68.1**	**151.8**	**10,356**		**-**	**-**	**7,536,440.0**	**25,526,593**	**3.51**	**-**
6. POLK #1 GASIFIER	220	112,370	68.7	-	-	10,335	COAL	43,260	26,846,278	1,161,370.0	4,588,409	4.08	106.07
7. POLK #1 CT OIL	218	2,290	1.4	-	-	10,349	LGT OIL	4,090	5,794,621	23,700.0	511,566	22.34	125.08
8. POLK #1 TOTAL	**220**	**114,660**	**70.1**	**71.5**	**0.0**	**10,336**		**-**	**-**	**1,185,070.0**	**5,099,975**	**4.45**	**-**
9. POLK #2 CT GAS	151	200	0.2	-	-	0	GAS	2,920	0	0.0	16,257	8.13	5.57
10. POLK #2 CT OIL	159	10	0.0	-	-	0	LGT OIL	20	0	0.0	2,501	25.01	125.07
11. POLK #2 TOTAL	**159**	**210**	**0.2**	**25.4**	**0.0**	**0**		**-**	**-**	**0.0**	**18,758**	**8.93**	**-**
12. POLK #3 CT GAS	151	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
13. POLK #3 CT OIL	159	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
14. POLK #3 TOTAL	**159**	**0**	**0.0**	**0.0**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
15. POLK #4 CT GAS	**151**	**9,900**	**8.8**	**86.4**	**3,286.9**	**0**	**GAS**	**111,920**	**0**	**0.0**	**623,096**	**6.29**	**5.57**
16. POLK #5 CT GAS	**151**	**9,060**	**8.1**	**86.3**	**0.0**	**0**	**GAS**	**102,490**	**0**	**0.0**	**570,596**	**6.30**	**5.57**
17. CITY OF TAMPA GAS	**6**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
18. BAYSIDE #1	701	266,940	51.2	97.0	94.7	7,518	GAS	1,952,290	1,028,008	2,006,970.0	10,869,058	4.07	5.57
19. BAYSIDE #2	929	443,970	64.2	74.6	0.0	7,508	GAS	3,242,300	1,028,011	3,333,120.0	18,050,979	4.07	5.57
20. BAYSIDE #3	56	1,260	3.0	98.6	4.0	11,222	GAS	13,740	1,029,112	14,140.0	76,495	6.07	5.57
21. BAYSIDE #4	56	220	0.5	98.6	0.0	11,818	GAS	2,540	1,023,622	2,600.0	14,141	6.43	5.57
22. BAYSIDE #5	56	3,580	8.6	98.6	278.0	11,047	GAS	38,470	1,028,074	39,550.0	214,175	5.98	5.57
23. BAYSIDE #6	56	2,630	6.3	98.6	1,174.1	10,951	GAS	28,020	1,027,837	28,800.0	155,997	5.93	5.57
24. BAYSIDE TOTAL	**1,854**	**718,600**	**52.1**	**86.0**	**228.5**	**7,550**	**GAS**	**5,277,360**	**1,028,010**	**5,425,180.0**	**29,380,845**	**4.09**	**5.57**
25. B.B.C.T.#4 OIL	56	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
26. B.B.C.T.#4 GAS	56	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
27. B.B.C.T.#4 TOTAL	**56**	**0**	**0.0**	**0.0**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
28. SYSTEM	**4,298**	**1,580,150**	**49.4**	**72.2**	**178.5**	**8,953**	**-**	**-**	**-**	**14,146,690.0**	**61,219,863**	**3.87**	**-**

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: NOVEMBER 2012

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. 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)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1. B.B.#1	385	183,380	66.2	70.3	0.0	10,369	COAL	79,060	24,051,227	1,901,490.0	6,208,425	3.39	78.53
2. B.B.#2	385	228,400	82.4	85.4	0.0	10,077	COAL	97,150	23,692,229	2,301,700.0	7,628,997	3.34	78.53
3. B.B.#3	365	169,760	64.6	39.6	86.8	10,537	COAL	75,480	23,698,728	1,788,780.0	5,927,295	3.49	78.53
4. B.B.#4	407	205,840	70.2	80.6	76.7	10,534	COAL	92,860	23,351,066	2,168,380.0	7,334,072	3.56	78.98
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	4,520	-	-	589,303	-	130.38
5. B.B. COAL	**1,542**	**787,380**	**70.9**	**69.5**	**169.7**	**10,364**		**-**	**-**	**8,160,350.0**	**27,688,092**	**3.52**	**-**
6. POLK #1 GASIFIER	220	124,330	78.5	-	-	10,347	COAL	47,920	26,846,411	1,286,480.0	5,076,566	4.08	105.94
7. POLK #1 CT OIL	218	2,540	1.6	-	-	10,335	LGT OIL	4,530	5,794,702	26,250.0	571,780	22.51	126.22
8. POLK #1 TOTAL	**220**	**126,870**	**80.1**	**85.3**	**0.0**	**10,347**		**-**	**-**	**1,312,730.0**	**5,648,346**	**4.45**	**-**
9. POLK #2 CT GAS	151	210	0.2	-	-	0	GAS	2,990	0	0.0	17,587	8.37	5.88
10. POLK #2 CT OIL	159	10	0.0	-	-	307,000	LGT OIL	20	153,500,000	3,070.0	2,525	25.25	126.24
11. POLK #2 TOTAL	**159**	**220**	**0.2**	**98.2**	**0.0**	**13,955**		**-**	**-**	**3,070.0**	**20,112**	**9.14**	**-**
12. POLK #3 CT GAS	151	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
13. POLK #3 CT OIL	159	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
14. POLK #3 TOTAL	**159**	**0**	**0.0**	**0.0**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
15. POLK #4 CT GAS	**151**	**13,520**	**12.5**	**99.1**	**4,488.7**	**0**	**GAS**	**154,270**	**0**	**0.0**	**907,399**	**6.71**	**5.88**
16. POLK #5 CT GAS	**151**	**8,880**	**8.2**	**99.1**	**0.0**	**0**	**GAS**	**101,500**	**0**	**0.0**	**597,012**	**6.72**	**5.88**
17. CITY OF TAMPA GAS	**6**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
18. BAYSIDE #1	701	175,650	34.8	0.0	39.5	7,554	GAS	1,290,650	1,028,001	1,326,790.0	7,591,464	4.32	5.88
19. BAYSIDE #2	929	224,390	33.5	-9.9	0.0	7,614	GAS	1,661,900	1,028,004	1,708,440.0	9,775,116	4.36	5.88
20. BAYSIDE #3	56	1,630	4.0	98.6	9.7	10,994	GAS	17,430	1,028,112	17,920.0	102,521	6.29	5.88
21. BAYSIDE #4	56	500	1.2	98.6	0.0	11,220	GAS	5,460	1,027,473	5,610.0	32,115	6.42	5.88
22. BAYSIDE #5	56	3,080	7.6	98.6	183.3	10,958	GAS	32,840	1,027,710	33,750.0	193,161	6.27	5.88
23. BAYSIDE #6	56	2,580	6.4	98.6	511.9	10,953	GAS	27,500	1,027,636	28,260.0	161,752	6.27	5.88
24. BAYSIDE TOTAL	**1,854**	**407,830**	**30.6**	**6.9**	**88.0**	**7,652**	**GAS**	**3,035,780**	**1,027,996**	**3,120,770.0**	**17,856,129**	**4.38**	**5.88**
25. B.B.C.T.#4 OIL	56	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
26. B.B.C.T.#4 GAS	56	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
27. B.B.C.T.#4 TOTAL	**56**	**0**	**0.0**	**0.0**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
28. SYSTEM	**4,298**	**1,344,700**	**43.5**	**42.9**	**130.7**	**9,368**	**-**	**-**	**-**	**12,596,920.0**	**52,717,090**	**3.92**	**-**

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE

SCHEDULE E4

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: DECEMBER 2012

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
	PLANT/UNIT	NET CAPA-BILITY (MW)	NET GENERATION (MWH)	NET CAPACITY FACTOR (%)	EQUIV. 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)	AS BURNED FUEL COST ($)	FUEL COST PER KWH (cents/KWH)	COST OF FUEL ($/UNIT)
1.	B.B.#1	395	149,850	51.0	54.5	0.0	10,356	COAL	64,530	24,047,730	1,551,800.0	5,074,717	3.39	78.64
2.	B.B.#2	395	182,420	62.1	66.1	0.0	10,076	COAL	77,580	23,691,931	1,838,020.0	6,100,985	3.34	78.64
3.	B.B.#3	365	184,810	68.1	74.2	118.0	10,496	COAL	81,840	23,701,979	1,939,770.0	6,435,996	3.48	78.64
4.	B.B.#4	417	223,830	72.1	80.6	101.7	10,470	COAL	100,370	23,349,606	2,343,600.0	7,965,178	3.56	79.36
	B.B. IGNITION	-	-	-	-	-	-	LGT OIL	3,630	-	-	475,689	-	131.04
5.	**B.B. COAL**	**1,572**	**740,910**	**63.3**	**68.9**	**196.7**	**10,356**		**-**	**-**	**7,673,190.0**	**26,052,565**	**3.52**	**-**
6.	POLK #1 GASIFIER	220	129,490	79.1	-	-	10,324	COAL	49,790	26,849,568	1,336,840.0	5,288,503	4.08	106.22
7.	POLK #1 CT OIL	235	2,640	1.5	-	-	10,333	LGT OIL	4,710	5,791,932	27,280.0	600,245	22.74	127.44
8.	**POLK #1 TOTAL**	**220**	**132,130**	**80.7**	**85.3**	**0.0**	**10,324**		**-**	**-**	**1,364,120.0**	**5,888,748**	**4.46**	**-**
9.	POLK #2 CT GAS	183	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
10.	POLK #2 CT OIL	187	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
11.	**POLK #2 TOTAL**	**187**	**0**	**0.0**	**0.0**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
12.	POLK #3 CT GAS	183	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
13.	POLK #3 CT OIL	187	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
14.	**POLK #3 TOTAL**	**187**	**0**	**0.0**	**0.0**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
15.	**POLK #4 CT GAS**	**183**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
16.	**POLK #5 CT GAS**	**183**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
17.	**CITY OF TAMPA GAS**	**6**	**0**	**0.0**	**0.0**	**0.0**	**0**	**GAS**	**0**	**0**	**0.0**	**0**	**0.00**	**0.00**
18.	BAYSIDE #1	792	301,670	51.2	97.0	58.2	7,406	GAS	2,173,400	1,028,002	2,234,260.0	12,715,074	4.21	5.85
19.	BAYSIDE #2	1,047	224,960	28.9	74.6	0.0	7,424	GAS	1,624,680	1,027,993	1,670,160.0	9,504,890	4.23	5.85
20.	BAYSIDE #3	61	50	0.1	98.6	0.3	12,400	GAS	600	1,033,333	620.0	3,510	7.02	5.85
21.	BAYSIDE #4	61	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
22.	BAYSIDE #5	61	80	0.2	98.6	131.1	13,250	GAS	1,030	1,029,126	1,060.0	6,026	7.53	5.85
23.	BAYSIDE #6	61	40	0.1	98.6	0.0	12,250	GAS	480	1,020,833	490.0	2,808	7.02	5.85
24.	**BAYSIDE TOTAL**	**2,083**	**526,800**	**34.0**	**83.1**	**98.3**	**7,416**	**GAS**	**3,800,190**	**1,027,999**	**3,906,590.0**	**22,232,308**	**4.22**	**5.85**
25.	B.B.C.T.#4 OIL	61	0	0.0	-	-	0	LGT OIL	0	0	0.0	0	0.00	0.00
26.	B.B.C.T.#4 GAS	61	0	0.0	-	-	0	GAS	0	0	0.0	0	0.00	0.00
27.	**B.B.C.T.#4 TOTAL**	**61**	**0**	**0.0**	**0.0**	**0.0**	**0**		**-**	**-**	**0.0**	**0**	**0.00**	**-**
28.	**SYSTEM**	**4,682**	**1,399,840**	**40.2**	**64.1**	**135.1**	**9,247**	**-**	**-**	**-**	**12,943,900.0**	**54,173,621**	**3.87**	**-**

LEGEND:
B.B. = BIG BEND
C.T. = COMBUSTION TURBINE

TAMPA ELECTRIC COMPANY
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ACTUAL FOR THE PERIOD: JANUARY 2012 THROUGH JUNE 2012

SCHEDULE E5

	ACTUAL					
	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
HEAVY OIL						
1. PURCHASES:						
2. UNITS (BBL)	0	0	0	0	0	0
3. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT ($)	0	0	0	0	0	0
5. BURNED:						
6. UNITS (BBL)	0	0	0	0	0	0
7. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT ($)	0	0	0	0	0	0
9. ENDING INVENTORY:						
10. UNITS (BBL)	0	0	0	0	0	0
11. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT ($)	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
14. PURCHASES:						
15. UNITS (BBL)	5,168	3,024	9,029	14,275	11,408	7,972
16. UNIT COST ($/BBL)	133.33	142.47	143.75	140.69	129.17	118.64
17. AMOUNT ($)	689,062	430,841	1,297,942	2,008,355	1,473,606	945,793
18. BURNED:						
19. UNITS (BBL)	360	583	9,369	5,635	6,090	469
20. UNIT COST ($/BBL)	111.67	111.52	115.69	119.41	120.83	120.68
21. AMOUNT ($)	40,200	65,016	1,083,930	672,888	735,853	56,601
22. ENDING INVENTORY:						
23. UNITS (BBL)	89,824	91,645	87,951	91,358	89,108	89,664
24. UNIT COST ($/BBL)	116.92	117.77	120.43	123.40	123.99	123.27
25. AMOUNT ($)	10,502,456	10,792,596	10,591,680	11,273,248	11,048,619	11,052,779
26. DAYS SUPPLY: NORMAL	327	363	384	449	496	534
27. DAYS SUPPLY: EMERGENCY	13	13	13	13	13	13
COAL						
28. PURCHASES:						
29. UNITS (TONS)	455,982	338,106	423,882	411,864	426,791	334,895
30. UNIT COST ($/TON)	78.89	80.82	79.21	84.54	82.01	82.07
31. AMOUNT ($)	35,970,551	27,326,163	33,577,519	34,817,193	35,001,700	27,485,245
32. BURNED:						
33. UNITS (TONS)	416,968	425,784	433,703	299,516	292,953	324,906
34. UNIT COST ($/TON)	83.18	83.18	85.25	89.84	87.40	83.23
35. AMOUNT ($)	34,681,462	35,415,717	36,972,228	26,908,290	25,604,369	27,042,821
36. ENDING INVENTORY:						
37. UNITS (TONS)	555,358	467,680	457,859	570,207	704,045	714,034
38. UNIT COST ($/TON)	82.18	84.48	82.27	83.07	83.64	84.38
39. AMOUNT ($)	45,638,165	39,511,643	37,668,837	47,369,574	58,886,663	60,248,084
40. DAYS SUPPLY:	40	37	36	43	49	48
NATURAL GAS						
41. PURCHASES:						
42. UNITS (MCF)	3,150,629	2,212,769	3,183,445	5,301,978	6,818,192	7,104,535
43. UNIT COST ($/MCF)	6.59	7.40	5.67	4.98	4.58	4.64
44. AMOUNT ($)	20,753,263	16,371,836	18,052,029	26,417,276	31,218,248	32,930,807
45. BURNED:						
46. UNITS (MCF)	3,098,220	2,495,967	3,147,060	5,354,583	6,716,638	6,931,675
47. UNIT COST ($/MCF)	6.77	6.99	5.75	4.97	4.56	4.69
48. AMOUNT ($)	20,962,812	17,438,972	18,101,446	26,606,203	30,639,364	32,498,678
49. ENDING INVENTORY:						
50. UNITS (MCF)	895,842	612,644	649,029	596,424	697,978	870,838
51. UNIT COST ($/MCF)	2.95	2.57	2.35	2.24	2.75	2.70
52. AMOUNT ($)	2,643,817	1,576,681	1,527,264	1,338,337	1,917,221	2,349,350
53. DAYS SUPPLY:	6	4	5	5	6	9
NUCLEAR						
54. BURNED:						
55. UNITS (MMBTU)	0	0	0	0	0	0
56. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT ($)	0	0	0	0	0	0
OTHER						
58. PURCHASES:						
59. UNITS (MMBTU)	0	0	0	0	0	0
60. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT ($)	0	0	0	0	0	0
62. BURNED:						
63. UNITS (MMBTU)	0	0	0	0	0	0
64. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT ($)	0	0	0	0	0	0
66. ENDING INVENTORY:						
67. UNITS (MMBTU)	0	0	0	0	0	0
68. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT ($)	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
(1) LIGHT OIL-OTHER USAGE NOT INCLUDED. (2) COAL-ADDITIVES, IGNITOR AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

TAMPA ELECTRIC COMPANY
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ESTIMATED FOR THE PERIOD: JULY 2012 THROUGH DECEMBER 2012

SCHEDULE E5

	Estimated						
	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	TOTAL
HEAVY OIL							
1. PURCHASES:							
2. UNITS (BBL)	0	0	0	0	0	0	0
3. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4. AMOUNT ($)	0	0	0	0	0	0	0
5. BURNED:							
6. UNITS (BBL)	0	0	0	0	0	0	0
7. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
8. AMOUNT ($)	0	0	0	0	0	0	0
9. ENDING INVENTORY:							
10. UNITS (BBL)	0	0	0	0	0	0	0
11. UNIT COST ($/BBL)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
12. AMOUNT ($)	0	0	0	0	0	0	0
13. DAYS SUPPLY:	0	0	0	0	0	0	-
LIGHT OIL							
14. PURCHASES:							
15. UNITS (BBL)	9,340	8,460	10,840	8,630	9,070	8,340	105,556
16. UNIT COST ($/BBL)	125.44	137.80	137.85	138.14	138.42	138.60	135.29
17. AMOUNT ($)	1,171,639	1,165,791	1,494,339	1,192,191	1,255,490	1,155,931	14,280,980
18. BURNED:							
19. UNITS (BBL)	9,340	8,460	10,840	8,630	9,070	8,340	77,186
20. UNIT COST ($/BBL)	62.53	70.04	51.98	59.57	63.32	71.97	78.81
21. AMOUNT ($)	584,027	592,508	563,416	514,067	574,305	600,245	6,083,056
22. ENDING INVENTORY:							
23. UNITS (BBL)	89,664	89,664	89,664	89,664	89,664	89,664	89,664
24. UNIT COST ($/BBL)	123.46	124.71	126.07	127.10	128.13	129.03	129.03
25. AMOUNT ($)	11,070,099	11,181,957	11,303,659	11,396,476	11,488,359	11,568,942	11,568,942
26. DAYS SUPPLY: NORMAL	350	377	402	445	472	512	-
27. DAYS SUPPLY: EMERGENCY	13	13	13	13	13	13	
COAL							
28. PURCHASES:							
29. UNITS (TONS)	390,000	373,000	433,000	380,000	380,000	365,000	4,712,520
30. UNIT COST ($/TON)	79.47	80.11	81.90	80.20	80.31	80.63	80.84
31. AMOUNT ($)	30,994,473	29,882,563	35,464,411	30,477,390	30,516,377	29,430,724	380,944,309
32. BURNED:							
33. UNITS (TONS)	426,570	427,510	361,000	360,890	392,470	374,110	4,536,380
34. UNIT COST ($/TON)	82.88	82.92	84.30	83.45	83.48	83.78	84.23
35. AMOUNT ($)	35,352,825	35,450,359	30,433,892	30,115,002	32,764,658	31,341,068	382,082,691
36. ENDING INVENTORY:							
37. UNITS (TONS)	677,464	622,954	694,954	714,064	701,594	692,484	692,484
38. UNIT COST ($/TON)	83.48	82.77	82.74	82.00	81.22	80.39	80.39
39. AMOUNT ($)	56,557,204	51,560,394	57,499,084	58,554,612	56,984,902	55,669,502	55,669,502
40. DAYS SUPPLY:	51	50	57	58	53	54	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	6,087,395	6,066,570	6,510,480	5,494,690	3,041,621	3,800,190	58,772,494
43. UNIT COST ($/MCF)	5.79	6.00	5.57	5.57	6.14	5.90	5.53
44. AMOUNT ($)	35,247,706	36,373,577	36,233,602	30,599,323	18,680,808	22,414,360	325,292,835
45. BURNED:							
46. UNITS (MCF)	5,946,560	6,066,570	6,510,480	5,494,690	3,294,540	3,800,190	58,857,173
47. UNIT COST ($/MCF)	5.84	5.94	5.57	5.57	5.88	5.85	5.53
48. AMOUNT ($)	34,712,097	36,044,105	36,245,459	30,590,794	19,378,127	22,232,308	325,450,365
49. ENDING INVENTORY:							
50. UNITS (MCF)	1,011,673	1,011,673	1,011,673	1,011,673	758,755	758,755	758,755
51. UNIT COST ($/MCF)	2.85	3.18	3.17	3.17	3.31	3.55	3.55
52. AMOUNT ($)	2,884,960	3,214,432	3,202,576	3,211,104	2,513,784	2,695,836	2,695,836
53. DAYS SUPPLY:	6	6	7	7	5	5	-
NUCLEAR							
54. BURNED:							
55. UNITS (MMBTU)	0	0	0	0	0	0	0
56. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT ($)	0	0	0	0	0	0	0
OTHER							
58. PURCHASES:							
59. UNITS (MMBTU)	0	0	0	0	0	0	0
60. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT ($)	0	0	0	0	0	0	0
62. BURNED:							
63. UNITS (MMBTU)	0	0	0	0	0	0	0
64. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT ($)	0	0	0	0	0	0	0
66. ENDING INVENTORY:							
67. UNITS (MMBTU)	0	0	0	0	0	0	0
68. UNIT COST ($/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT ($)	0	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0	

NOTE: BEGINNING & ENDING INVENTORIES MAY NOT BALANCE BECAUSE OF THE FOLLOWING
(1) LIGHT OIL-OTHER USAGE NOT INCLUDED. (2) COAL-ADDITIVES, IGNITOR AND/OR INVENTORY ADJUSTMENT ARE INCLUDED.

TAMPA ELECTRIC COMPANY
POWER SOLD
ACTUAL FOR THE PERIOD: JANUARY 2012 THROUGH JUNE 2012

SCHEDULE E6

(1)	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
					MWH WHEELED		CENTS/KWH				
			TYPE &	TOTAL MWH	FROM OTHER	MWH FROM OWN	(A) FUEL	(B) TOTAL	TOTAL $ FOR FUEL	TOTAL	GAINS ON MARKET
MONTH	SOLD TO		SCHEDULE	SOLD	SYSTEMS	GENERATION	COST	COST	ADJUSTMENT	COST	BASED SALES
ACTUAL											
Jan-12	SEMINOLE	JURISD.	SCH. -D	1,477.4	0.0	1,477.4	2.598	2.858	38,387.01	42,225.71	(146.38)
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	98.0	0.0	98.0	1.807	2.291	1,770.42	2,244.80	424.40
	VARIOUS	JURISD.	SCH. -CB	11,056.0	0.0	11,056.0	2.209	2.378	244,190.80	262,958.05	3,684.13
	VARIOUS	JURISD.	SCH. -MA	6,146.0	0.0	6,146.0	1.851	2.489	113,776.81	152,994.62	34,501.84
	VARIOUS	JURISD.	SCH. -OATT	815.0	0.0	815.0	3.021	3.021	24,623.69	24,623.69	0.00
	TOTAL			19,592.4	0.0	19,592.4	2.158	2.476	422,748.73	485,046.87	38,463.99
ACTUAL											
Feb-12	SEMINOLE	JURISD.	SCH. -D	1,045.2	0.0	1,045.2	2.525	2.778	26,395.39	29,034.93	558.71
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	74.0	0.0	74.0	1.699	2.135	1,257.26	1,580.20	285.20
	VARIOUS	JURISD.	SCH. -CB	4,879.0	0.0	4,879.0	1.722	1.847	83,997.60	90,122.03	98.13
	VARIOUS	JURISD.	SCH. -MA	7,897.0	0.0	7,897.0	1.804	2.416	142,442.05	190,764.54	42,726.09
	VARIOUS	JURISD.	SCH. -OATT	694.0	0.0	694.0	3.002	3.002	20,830.77	20,830.77	0.00
	TOTAL			14,589.2	0.0	14,589.2	1.884	2.278	274,923.07	332,332.47	43,668.13
ACTUAL											
Mar-12	SEMINOLE	JURISD.	SCH. -D	1,646.9	0.0	1,646.9	2.350	2.585	38,701.38	42,571.52	1,677.29
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	252.0	0.0	252.0	1.688	2.163	4,253.75	5,449.50	1,029.79
	VARIOUS	JURISD.	SCH. -CB	16,347.0	0.0	16,347.0	2.307	2.514	377,159.25	410,905.83	0.00
	VARIOUS	JURISD.	SCH. -MA	3,832.0	0.0	3,832.0	1.754	2.458	67,231.61	94,175.66	22,122.37
	VARIOUS	JURISD.	SCH. -OATT	362.0	0.0	362.0	2.852	2.852	10,323.14	10,323.14	0.00
	TOTAL			22,439.9	0.0	22,439.9	2.218	2.511	497,669.13	563,425.65	24,829.45
ACTUAL											
Apr-12	SEMINOLE	JURISD.	SCH. -D	1,351.0	0.0	1,351.0	2.506	2.756	33,854.72	37,240.19	973.03
	FPL	SEPAR.	SCH. -D	5,600.0	0.0	5,600.0	3.970	4.498	222,320.00	251,888.00	0.00
	VARIOUS	JURISD.	SCH. -C	138.0	0.0	138.0	1.615	2.108	2,229.34	2,909.28	601.28
	VARIOUS	JURISD.	SCH. -CB	13,760.0	0.0	13,760.0	2.523	2.686	347,101.98	369,570.63	0.00
	VARIOUS	JURISD.	SCH. -MA	4,030.0	0.0	4,030.0	2.423	3.172	97,647.19	127,817.79	24,561.56
	VARIOUS	JURISD.	SCH. -OATT	777.0	0.0	777.0	2.829	2.829	21,981.10	21,981.10	0.00
	TOTAL			25,656.0	0.0	25,656.0	2.826	3.163	725,134.33	811,406.99	26,135.87
ACTUAL											
May-12	SEMINOLE	JURISD.	SCH. -D	1,309.3	0.0	1,309.3	2.289	2.516	29,969.49	32,966.44	1,099.00
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	(3,192.00)	(3,192.00)	0.00
	VARIOUS	JURISD.	SCH. -C	20.0	0.0	20.0	2.296	3.189	459.20	637.88	112.13
	VARIOUS	JURISD.	SCH. -CB	880.0	0.0	880.0	2.257	2.298	19,865.93	20,225.63	0.00
	VARIOUS	JURISD.	SCH. -MA	606.0	0.0	606.0	2.093	2.914	12,684.39	17,657.32	4,133.87
	VARIOUS	JURISD.	SCH. -OATT	52.0	0.0	52.0	2.713	2.713	1,410.80	1,410.80	0.00
	TOTAL			2,867.3	0.0	2,867.3	2.134	2.431	61,197.81	69,706.07	5,345.00
ACTUAL											
Jun-12	SEMINOLE	JURISD.	SCH. -D	1,654.0	0.0	1,654.0	2.345	2.580	38,789.29	42,668.22	(445.12)
	FPL	SEPAR.	SCH. -D	4,200.0	0.0	4,200.0	3.578	4.106	150,276.00	172,452.00	0.00
	VARIOUS	JURISD.	SCH. -C	69.0	0.0	69.0	1.751	2.343	1,208.44	1,616.73	368.96
	VARIOUS	JURISD.	SCH. -CB	6,542.0	0.0	6,542.0	2.238	2.488	146,398.17	162,737.55	(154.33)
	VARIOUS	JURISD.	SCH. -MA	3,061.0	0.0	3,061.0	2.358	3.034	72,174.16	92,863.14	16,940.65
	VARIOUS	JURISD.	SCH. -OATT	832.0	0.0	832.0	2.713	2.713	22,568.04	22,568.04	0.00
	TOTAL			16,358.0	0.0	16,358.0	2.637	3.025	431,414.10	494,905.68	16,710.16

TAMPA ELECTRIC COMPANY
POWER SOLD
ESTIMATED FOR THE PERIOD: JULY 2012 THROUGH DECEMBER 2012

SCHEDULE E6

(1)	(2)		(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)
					MWH WHEELED		CENTS/KWH				
MONTH	SOLD TO		TYPE & SCHEDULE	TOTAL MWH SOLD	FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT	TOTAL COST	GAINS ON MARKET BASED SALES
ESTIMATED											
Jul-12	SEMINOLE	JURISD.	SCH. -D	1,370.0	0.0	1,370.0	2.923	2.923	40,040.00	40,040.00	0.00
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -MA	2,340.0	0.0	2,340.0	3.249	3.972	76,028.76	92,940.00	7,611.24
	VARIOUS	JURISD.	SCH. -OATT	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			3,710.0	0.0	3,710.0	3.129	3.584	116,068.76	132,980.00	7,611.24
ESTIMATED											
Aug-12	SEMINOLE	JURISD.	SCH. -D	1,350.0	0.0	1,350.0	3.193	3.193	43,110.00	43,110.00	0.00
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -MA	1,930.0	0.0	1,930.0	3.460	4.205	66,784.23	81,150.00	6,685.77
	VARIOUS	JURISD.	SCH. -OATT	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			3,280.0	0.0	3,280.0	3.350	3.788	109,894.23	124,260.00	6,685.77
ESTIMATED											
Sep-12	SEMINOLE	JURISD.	SCH. -D	1,320.0	0.0	1,320.0	3.147	3.147	41,540.00	41,540.00	0.00
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -MA	2,430.0	0.0	2,430.0	3.137	3.849	76,228.74	93,520.00	7,631.26
	VARIOUS	JURISD.	SCH. -OATT	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			3,750.0	0.0	3,750.0	3.140	3.602	117,768.74	135,060.00	7,631.26
ESTIMATED											
Oct-12	SEMINOLE	JURISD.	SCH. -D	1,010.0	0.0	1,010.0	3.012	3.012	30,420.00	30,420.00	0.00
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -MA	7,270.0	0.0	7,270.0	3.041	3.743	221,059.71	272,140.00	22,130.29
	VARIOUS	JURISD.	SCH. -OATT	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			8,280.0	0.0	8,280.0	3.037	3.654	251,479.71	302,560.00	22,130.29
ESTIMATED											
Nov-12	SEMINOLE	JURISD.	SCH. -D	820.0	0.0	820.0	3.084	3.084	25,290.00	25,290.00	0.00
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -MA	6,420.0	0.0	6,420.0	3.373	4.108	216,514.71	263,750.00	21,675.29
	VARIOUS	JURISD.	SCH. -OATT	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			7,240.0	0.0	7,240.0	3.340	3.992	241,804.71	289,040.00	21,675.29
ESTIMATED											
Dec-12	SEMINOLE	JURISD.	SCH. -D	740.0	0.0	740.0	2.823	2.823	20,890.00	20,890.00	0.00
	FPL	SEPAR.	SCH. -D	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -C	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -CB	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	VARIOUS	JURISD.	SCH. -MA	8,200.0	0.0	8,200.0	2.834	3.516	232,422.21	288,340.00	23,267.79
	VARIOUS	JURISD.	SCH. -OATT	0.0	0.0	0.0	0.000	0.000	0.00	0.00	0.00
	TOTAL			8,940.0	0.0	8,940.0	2.833	3.459	253,312.21	309,230.00	23,267.79
TOTAL	SEMINOLE	JURISD.	SCH. -D	15,093.8	0.0	15,093.8	2.699	2.836	407,387.28	427,997.01	3,716.53
Jan-12	FPL	SEPAR.	SCH. -D	9,800.0	0.0	9,800.0	3.769	4.297	369,404.00	421,148.00	0.00
THRU	VARIOUS	JURISD.	SCH. -C	651.0	0.0	651.0	1.717	2.218	11,178.41	14,438.39	2,821.76
Dec-12	VARIOUS	JURISD.	SCH. -CB	53,464.0	0.0	53,464.0	2.280	2.462	1,218,713.73	1,316,519.72	3,627.93
	VARIOUS	JURISD.	SCH. -MA	54,162.0	0.0	54,162.0	2.576	3.264	1,394,994.57	1,768,113.07	233,988.02
	VARIOUS	JURISD.	SCH. -OATT	3,532.0	0.0	3,532.0	2.880	2.880	101,737.54	101,737.54	0.00
	TOTAL			136,702.8	0.0	136,702.8	2.563	2.963	3,503,415.53	4,049,953.73	244,154.24

TAMPA ELECTRIC COMPANY
PURCHASED POWER
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
ACTUAL FOR THE PERIOD: JANUARY 2012 THROUGH JUNE 2012

SCHEDULE E7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	CENTS/KWH (A) FUEL COST	CENTS/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ACTUAL Jan-12									
	HPP	IPP	23,681.0	0.0	0.0	23,681.0	2.724	2.724	645,109.18
	VARIOUS	SCH. D	7,909.0	0.0	0.0	7,909.0	5.492	5.492	434,364.96
	VARIOUS	OATT	1,143.0	0.0	0.0	1,143.0	2.888	2.888	33,012.00
	TOTAL		32,733.0	0.0	0.0	32,733.0	3.399	3.399	1,112,486.14
ACTUAL Feb-12									
	HPP	IPP	4,445.0	0.0	0.0	4,445.0	163.780	163.780	7,280,040.82
	VARIOUS	SCH. D	10,410.0	0.0	0.0	10,410.0	3.595	3.595	374,200.45
	VARIOUS	OATT	1,132.0	0.0	0.0	1,132.0	2.742	2.742	31,042.18
	TOTAL		15,987.0	0.0	0.0	15,987.0	48.072	48.072	7,685,283.45
ACTUAL Mar-12									
	HPP	IPP	29,342.0	0.0	0.0	29,342.0	5.437	5.437	1,595,346.99
	VARIOUS	SCH. D	35,371.0	0.0	0.0	35,371.0	3.465	3.465	1,225,606.78
	VARIOUS	OATT	275.0	0.0	0.0	275.0	2.854	2.854	7,849.30
	TOTAL		64,988.0	0.0	0.0	64,988.0	4.353	4.353	2,828,803.07
ACTUAL Apr-12									
	HPP	IPP	10,620.0	0.0	0.0	10,620.0	12.051	12.051	1,279,767.34
	VARIOUS	SCH. D	51,951.0	0.0	0.0	51,951.0	3.464	3.464	1,799,450.93
	VARIOUS	OATT	1,376.0	0.0	0.0	1,376.0	2.677	2.677	36,832.52
	TOTAL		63,947.0	0.0	0.0	63,947.0	4.873	4.873	3,116,050.79
ACTUAL May-12									
	HPP	IPP	65,710.0	0.0	0.0	65,710.0	3.354	3.354	2,203,707.15
	VARIOUS	SCH. D	54,618.0	0.0	0.0	54,618.0	4.338	4.338	2,369,296.28
	VARIOUS	OATT	1,792.0	0.0	0.0	1,792.0	2.527	2.527	45,279.36
	TOTAL		122,120.0	0.0	0.0	122,120.0	3.782	3.782	4,618,282.79
ACTUAL Jun-12									
	HPP	IPP	57,525.0	0.0	0.0	57,525.0	3.364	3.364	1,934,945.59
	VARIOUS	SCH. D	33,478.0	0.0	0.0	33,478.0	3.846	3.846	1,287,609.71
	VARIOUS	OATT	1,433.0	0.0	0.0	1,433.0	2.453	2.453	35,145.76
	TOTAL		92,436.0	0.0	0.0	92,436.0	3.524	3.524	3,257,701.06

TAMPA ELECTRIC COMPANY
PURCHASED POWER
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
ESTIMATED FOR THE PERIOD: JULY 2012 THROUGH DECEMBER 2012

SCHEDULE E7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
							CENTS/KWH		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	(A) FUEL COST	(B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ESTIMATED Jul-12									
	HPP	IPP	11,260.0	0.0	0.0	11,260.0	4.415	4.415	497,100.00
	VARIOUS	SCH. D	10,490.0	0.0	0.0	10,490.0	5.292	5.292	555,120.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		21,750.0	0.0	0.0	21,750.0	4.838	4.838	1,052,220.00
ESTIMATED Aug-12									
	HPP	IPP	19,540.0	0.0	0.0	19,540.0	4.693	4.693	916,920.00
	VARIOUS	SCH. D	13,090.0	0.0	0.0	13,090.0	5.387	5.387	705,200.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		32,630.0	0.0	0.0	32,630.0	4.971	4.971	1,622,120.00
ESTIMATED Sep-12									
	HPP	IPP	37,570.0	0.0	0.0	37,570.0	4.481	4.481	1,683,440.00
	VARIOUS	SCH. D	16,200.0	0.0	0.0	16,200.0	5.039	5.039	816,330.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		53,770.0	0.0	0.0	53,770.0	4.649	4.649	2,499,770.00
ESTIMATED Oct-12									
	HPP	IPP	21,710.0	0.0	0.0	21,710.0	4.368	4.368	948,270.00
	VARIOUS	SCH. D	12,950.0	0.0	0.0	12,950.0	5.113	5.113	662,140.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		34,660.0	0.0	0.0	34,660.0	4.646	4.646	1,610,410.00
ESTIMATED Nov-12									
	HPP	IPP	2,430.0	0.0	0.0	2,430.0	5.205	5.205	126,490.00
	VARIOUS	SCH. D	11,980.0	0.0	0.0	11,980.0	5.472	5.472	655,600.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		14,410.0	0.0	0.0	14,410.0	5.427	5.427	782,090.00
ESTIMATED Dec-12									
	HPP	IPP	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	VARIOUS	SCH. D	680.0	0.0	0.0	680.0	5.378	5.378	36,570.00
	VARIOUS	OATT	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	TOTAL		680.0	0.0	0.0	680.0	5.378	5.378	36,570.00
TOTAL Jan-12 THRU Dec-12	HPP	IPP	283,833.0	0.0	0.0	283,833.0	6.733	6.733	19,111,137.07
	VARIOUS	SCH. D	259,127.0	0.0	0.0	259,127.0	4.215	4.215	10,921,489.11
	VARIOUS	OATT	7,151.0	0.0	0.0	7,151.0	2.645	2.645	189,161.12
	TOTAL		550,111.0	0.0	0.0	550,111.0	5.494	5.494	30,221,787.30

TAMPA ELECTRIC COMPANY
ENERGY PAYMENT TO QUALIFYING FACILITIES
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

SCHEDULE E8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	CENTS/KWH (A) FUEL COST	CENTS/KWH (B) TOTAL COST	TOTAL $ FOR FUEL ADJUSTMENT
ACTUAL	VARIOUS	CO-GEN.							
Jan-12		FIRM	5,704.0	0.0	0.0	5,704.0	2.803	2.803	159,893.98
		AS AVAIL.	13,770.0	0.0	0.0	13,770.0	3.115	3.115	428,901.94
	TOTAL		19,474.0	0.0	0.0	19,474.0	3.023	3.023	588,795.92
ACTUAL	VARIOUS	CO-GEN.							
Feb-12		FIRM	5,336.0	0.0	0.0	5,336.0	2.715	2.715	144,878.12
		AS AVAIL.	6,635.0	0.0	0.0	6,635.0	2.996	2.996	198,775.04
	TOTAL		11,971.0	0.0	0.0	11,971.0	2.871	2.871	343,653.16
ACTUAL	VARIOUS	CO-GEN.							
Mar-12		FIRM	5,704.0	0.0	0.0	5,704.0	2.634	2.634	150,267.16
		AS AVAIL.	11,684.0	0.0	0.0	11,684.0	3.072	3.072	358,987.74
	TOTAL		17,388.0	0.0	0.0	17,388.0	2.929	2.929	509,254.90
ACTUAL	VARIOUS	CO-GEN.							
Apr-12		FIRM	7,590.0	0.0	0.0	7,590.0	2.480	2.480	188,245.93
		AS AVAIL.	9,886.0	0.0	0.0	9,886.0	2.811	2.811	277,922.53
	TOTAL		17,476.0	0.0	0.0	17,476.0	2.667	2.667	466,168.46
ACTUAL	VARIOUS	CO-GEN.							
May-12		FIRM	7,843.0	0.0	0.0	7,843.0	2.479	2.479	194,449.68
		AS AVAIL.	18,785.0	0.0	0.0	18,785.0	2.698	2.698	506,830.82
	TOTAL		26,628.0	0.0	0.0	26,628.0	2.634	2.634	701,280.50
ACTUAL	VARIOUS	CO-GEN.							
Jun-12		FIRM	7,590.0	0.0	0.0	7,590.0	2.456	2.456	186,414.66
		AS AVAIL.	13,607.0	0.0	0.0	13,607.0	2.675	2.675	364,027.67
	TOTAL		21,197.0	0.0	0.0	21,197.0	2.597	2.597	550,442.33
ESTIMATED	VARIOUS	CO-GEN.							
Jul-12		FIRM	6,420.0	0.0	0.0	6,420.0	3.460	3.460	222,160.00
		AS AVAIL.	10,290.0	0.0	0.0	10,290.0	4.914	4.914	505,650.00
	TOTAL		16,710.0	0.0	0.0	16,710.0	4.356	4.356	727,810.00
ESTIMATED	VARIOUS	CO-GEN.							
Aug-12		FIRM	6,420.0	0.0	0.0	6,420.0	3.472	3.472	222,930.00
		AS AVAIL.	10,320.0	0.0	0.0	10,320.0	5.265	5.265	543,310.00
	TOTAL		16,740.0	0.0	0.0	16,740.0	4.577	4.577	766,240.00
ESTIMATED	VARIOUS	CO-GEN.							
Sep-12		FIRM	6,210.0	0.0	0.0	6,210.0	3.465	3.465	215,180.00
		AS AVAIL.	9,840.0	0.0	0.0	9,840.0	4.867	4.867	478,900.00
	TOTAL		16,050.0	0.0	0.0	16,050.0	4.324	4.324	694,080.00
ESTIMATED	VARIOUS	CO-GEN.							
Oct-12		FIRM	6,420.0	0.0	0.0	6,420.0	3.610	3.610	231,780.00
		AS AVAIL.	10,380.0	0.0	0.0	10,380.0	5.004	5.004	519,380.00
	TOTAL		16,800.0	0.0	0.0	16,800.0	4.471	4.471	751,160.00
ESTIMATED	VARIOUS	CO-GEN.							
Nov-12		FIRM	6,210.0	0.0	0.0	6,210.0	3.503	3.503	217,540.00
		AS AVAIL.	9,810.0	0.0	0.0	9,810.0	5.206	5.206	510,670.00
	TOTAL		16,020.0	0.0	0.0	16,020.0	4.546	4.546	728,210.00
ESTIMATED	VARIOUS	CO-GEN.							
Dec-12		FIRM	5,700.0	0.0	0.0	5,700.0	3.496	3.496	199,300.00
		AS AVAIL.	10,250.0	0.0	0.0	10,250.0	4.800	4.800	492,000.00
	TOTAL		15,950.0	0.0	0.0	15,950.0	4.334	4.334	691,300.00
TOTAL	VARIOUS	CO-GEN.							
Jan-12		FIRM	77,147.0	0.0	0.0	77,147.0	3.024	3.024	2,333,039.53
THRU		AS AVAIL.	135,257.0	0.0	0.0	135,257.0	3.834	3.834	5,185,355.74
Dec-12	TOTAL		212,404.0	0.0	0.0	212,404.0	3.540	3.540	7,518,395.27

TAMPA ELECTRIC COMPANY
ECONOMY ENERGY PURCHASES
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

SCHEDULE E9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
								COST IF GENERATED		
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUP-TIBLE	MWH FOR FIRM	TRANSACT. COST cents/KWH	TOTAL $ FOR FUEL ADJUSTMENT	(A) CENTS PER KWH	(B) ($000)	FUEL SAVINGS (9B)-(8)
ACTUAL	VARIOUS	SCH. - REB	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
Jan-12	VARIOUS	SCH. - C	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
	VARIOUS	SCH. - J	3,494.0	0.0	3,494.0	3.397	118,674.00	3.853	134,627.28	15,953.28
	TOTAL		3,494.0	0.0	3,494.0	3.397	118,674.00	3.853	134,627.28	15,953.28
ACTUAL	VARIOUS	SCH. - REB	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
Feb-12	VARIOUS	SCH. - C	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
	VARIOUS	SCH. - J	6,953.0	0.0	6,953.0	3.407	236,912.00	3.768	261,964.86	25,052.86
	TOTAL		6,953.0	0.0	6,953.0	3.407	236,912.00	3.768	261,964.86	25,052.86
ACTUAL	VARIOUS	SCH. - REB	0.0	0.0	0.0	0.000	0.00	0.000	0.00	0.00
Mar-12	VARIOUS	SCH. - C	70.0	0.0	70.0	2.306	1,614.20	3.302	2,311.40	697.20
	VARIOUS	SCH. - J	31,158.0	0.0	31,158.0	2.788	868,689.86	3.250	1,012,773.14	144,083.28
	TOTAL		31,228.0	0.0	31,228.0	2.787	870,304.06	3.251	1,015,084.54	144,780.48
ACTUAL	VARIOUS	SCH. - REB	325.0	0.0	325.0	3.792	12,325.00	4.665	15,160.15	2,835.15
Apr-12	VARIOUS	SCH. - C	278.0	0.0	278.0	3.559	9,893.70	5.349	14,871.50	4,977.80
	VARIOUS	SCH. - J	47,795.0	0.0	47,795.0	2.954	1,411,760.00	3.434	1,641,126.47	229,366.47
	TOTAL		48,398.0	0.0	48,398.0	2.963	1,433,978.70	3.453	1,671,158.12	237,179.42
ACTUAL	VARIOUS	SCH. - REB	80.0	0.0	80.0	2.881	2,305.00	3.538	2,830.40	525.40
May-12	VARIOUS	SCH. - C	293.0	0.0	293.0	2.788	8,170.02	4.920	14,416.63	6,246.61
	VARIOUS	SCH. - J	50,658.0	0.0	50,658.0	3.011	1,525,470.25	3.362	1,703,020.06	177,549.81
	TOTAL		51,031.0	0.0	51,031.0	3.010	1,535,945.27	3.371	1,720,267.09	184,321.82
ACTUAL	VARIOUS	SCH. - REB	59.0	0.0	59.0	2.859	1,687.00	3.697	2,181.38	494.38
Jun-12	VARIOUS	SCH. - C	85.0	0.0	85.0	2.993	2,544.05	4.520	3,842.00	1,297.95
	VARIOUS	SCH. - J	48,902.0	0.0	48,902.0	3.448	1,685,950.50	3.763	1,840,412.34	154,461.84
	TOTAL		49,046.0	0.0	49,046.0	3.446	1,690,181.55	3.765	1,846,435.72	156,254.17
ESTIMATED	VARIOUS	ECONOMY	84,000.0	0.0	84,000.0	3.253	2,732,500.00	3.253	2,732,500.00	0.00
Jul-12	TOTAL		84,000.0	0.0	84,000.0	3.253	2,732,500.00	3.253	2,732,500.00	0.00
ESTIMATED	VARIOUS	ECONOMY	76,790.0	0.0	76,790.0	3.525	2,707,060.00	3.525	2,707,060.00	0.00
Aug-12	TOTAL		76,790.0	0.0	76,790.0	3.525	2,707,060.00	3.525	2,707,060.00	0.00
ESTIMATED	VARIOUS	ECONOMY	50,300.0	0.0	50,300.0	3.427	1,723,700.00	3.427	1,723,700.00	0.00
Sep-12	TOTAL		50,300.0	0.0	50,300.0	3.427	1,723,700.00	3.427	1,723,700.00	0.00
ESTIMATED	VARIOUS	ECONOMY	17,550.0	0.0	17,550.0	3.355	588,860.00	3.355	588,860.00	0.00
Oct-12	TOTAL		17,550.0	0.0	17,550.0	3.355	588,860.00	3.355	588,860.00	0.00
ESTIMATED	VARIOUS	ECONOMY	6,260.0	0.0	6,260.0	3.715	232,590.00	3.715	232,590.00	0.00
Nov-12	TOTAL		6,260.0	0.0	6,260.0	3.715	232,590.00	3.715	232,590.00	0.00
ESTIMATED	VARIOUS	ECONOMY	4,790.0	0.0	4,790.0	3.118	149,340.00	3.118	149,340.00	0.00
Dec-12	TOTAL		4,790.0	0.0	4,790.0	3.118	149,340.00	3.118	149,340.00	0.00
TOTAL	VARIOUS	SCH. - REB	464.0	0.0	464.0	3.517	16,317.00	4.347	20,171.93	3,854.93
Jan-12	VARIOUS	SCH. - C	726.0	0.0	726.0	3.061	22,221.97	4.882	35,441.53	13,219.56
THRU	VARIOUS	SCH. - J	188,960.0	0.0	188,960.0	3.095	5,847,456.61	3.490	6,593,924.15	746,467.54
Dec-12	VARIOUS	ECONOMY	239,690.0	0.0	239,690.0	3.394	8,134,050.00	3.394	8,134,050.00	0.00
	TOTAL		429,840.0	0.0	429,840.0	3.262	14,020,045.58	3.439	14,783,587.61	763,542.03

Docket No. 120001-EI
CCR 2012 Actual/Estimated True-Up
Exhibit No. ____ (CA-2)
Document No. 2

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY
ACTUAL / ESTIMATED
JANUARY 2012 THROUGH DECEMBER 2012

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY
CALCULATION OF THE CURRENT (ACTUAL/ESTIMATED) PERIOD TRUE-UP
JANUARY 2012 THROUGH DECEMBER 2012

1.	FINAL OVER/(UNDER) RECOVERY FOR JANUARY 2011 THROUGH DECEMBER 2011	($1,311,897)
2.	ACTUAL/ESTIMATED OVER/(UNDER) RECOVERY FOR THE CURRENT PERIOD JANUARY 2012 THROUGH DECEMBER 2012	(5,390,608)
3.	CURRENT PERIOD TRUE-UP AMOUNT TO BE REFUNDED/(RECOVERED) IN THE PROJECTION PERIOD JANUARY 2013 THROUGH DECEMBER 2013	($6,702,505)

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT

	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	Total
1 UNIT POWER CAPACITY CHARGES	3,638,622	3,635,517	3,635,559	3,655,878	4,347,021	2,725,179	2,681,060	2,681,060	2,681,050	2,681,060	2,681,060	2,626,010	37,669,076
2 CAPACITY PAYMENTS TO COGENERATORS	986,010	1,111,590	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	12,585,600
3 (UNIT POWER CAPACITY REVENUES)	(197,099)	(93,608)	(175,879)	(197,080)	(53,683)	(131,087)	(141,406)	(141,406)	(141,406)	(141,406)	(141,406)	(141,406)	(1,696,872)
4 TOTAL CAPACITY DOLLARS	4,427,533	4,653,499	4,508,480	4,507,598	5,342,138	3,642,892	3,588,454	3,588,454	3,588,444	3,588,454	3,588,454	3,533,404	48,557,804
5 SEPARATION FACTOR	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
6 JURISDICTIONAL CAPACITY DOLLARS	4,409,005	4,634,026	4,489,612	4,488,735	5,319,783	3,627,647	3,573,437	3,573,437	3,573,427	3,573,437	3,573,437	3,518,617	48,354,600
7 CAPACITY COST RECOVERY REVENUES (Net of Revenue Taxes)	3,280,531	3,077,047	3,066,026	3,400,481	3,582,502	4,028,216	4,202,555	4,188,870	4,287,014	3,794,332	3,314,072	3,185,725	43,407,371
8 PRIOR PERIOD TRUE-UP PROVISION	(35,799)	(35,799)	(35,799)	(35,799)	(35,799)	(35,799)	(35,799)	(35,799)	(35,799)	(35,799)	(35,799)	(35,794)	(429,583)
9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (Net of Revenue Taxes)	3,244,732	3,041,248	3,030,227	3,364,682	3,546,703	3,992,417	4,166,756	4,153,071	4,251,215	3,758,533	3,278,273	3,149,931	42,977,788
10 TRUE-UP PROVISION FOR MONTH OVER/(UNDER) RECOVERY (Line 9 - Line 6)	(1,164,273)	(1,592,778)	(1,459,385)	(1,124,053)	(1,773,080)	364,770	593,319	579,634	677,788	185,096	(295,164)	(368,686)	(5,376,812)
11 INTEREST PROVISION FOR MONTH	(138)	(365)	(411)	(576)	(781)	(848)	(1,434)	(2,056)	(1,871)	(1,740)	(1,746)	(1,530)	(13,796)
12 ADJUSTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
13 TRUE-UP AND INT. PROVISION BEGINNING OF MONTH - OVER/(UNDER) RECOVERY	(1,741,480)	(2,870,092)	(4,427,436)	(5,851,433)	(6,940,263)	(8,678,325)	(8,278,604)	(7,650,920)	(7,037,543)	(6,325,827)	(6,106,672)	(6,367,783)	(1,741,480)
14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH	35,799	35,799	35,799	35,799	35,799	35,799	35,799	35,799	35,799	35,799	35,799	35,794	429,583
15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14)	(2,870,092)	(4,427,436)	(5,851,433)	(6,940,263)	(8,678,325)	(8,278,604)	(7,650,920)	(7,037,543)	(6,325,827)	(6,106,672)	(6,367,783)	(6,702,505)	**(6,702,505)**

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ACTUAL/ESTIMATED TRUE-UP AMOUNT

	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	Total
1 BEGINNING TRUE-UP AMOUNT	(1,741,480)	(2,870,092)	(4,427,436)	(5,851,433)	(6,940,263)	(8,678,325)	(8,278,604)	(7,650,920)	(7,037,543)	(6,325,827)	(6,106,672)	(6,367,783)	(1,741,480)
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(2,869,954)	(4,427,071)	(5,851,022)	(6,939,687)	(8,677,544)	(8,277,756)	(7,649,486)	(7,035,487)	(6,323,956)	(6,104,932)	(6,366,037)	(6,700,675)	(6,688,709)
3 TOTAL BEGINNING & ENDING TRUE-UP AMT. (LINE 1 + LINE 2)	(4,611,434)	(7,297,163)	(10,278,458)	(12,791,120)	(15,617,807)	(16,956,081)	(15,928,090)	(14,686,407)	(13,361,499)	(12,430,759)	(12,472,709)	(13,068,458)	(8,430,189)
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,305,717)	(3,648,582)	(5,139,229)	(6,395,560)	(7,808,904)	(8,478,041)	(7,964,045)	(7,343,204)	(6,680,750)	(6,215,380)	(6,236,355)	(6,534,229)	(4,215,095)
5 INTEREST RATE % - 1ST DAY OF MONTH	0.030	0.120	0.110	0.090	0.120	0.130	0.100	0.330	0.330	0.330	0.330	0.330	NA
6 INTEREST RATE % - 1ST DAY OF NEXT MONTH	0.120	0.110	0.090	0.120	0.130	0.100	0.330	0.330	0.330	0.330	0.330	0.330	NA
7 TOTAL (LINE 5 + LINE 6)	0.150	0.230	0.200	0.210	0.250	0.230	0.430	0.660	0.660	0.660	0.660	0.660	NA
8 AVERAGE INTEREST RATE % (50% OF LINE 7)	0.075	0.115	0.100	0.105	0.125	0.115	0.215	0.330	0.330	0.330	0.330	0.330	NA
9 MONTHLY AVERAGE INTEREST RATE % (LINE 8/12)	0.006	0.010	0.008	0.009	0.010	0.010	0.018	0.028	0.028	0.028	0.028	0.028	NA
10 INTEREST PROVISION (LINE 4 X LINE 9)	(138)	(365)	(411)	(576)	(781)	(848)	(1,434)	(2,056)	(1,871)	(1,740)	(1,746)	(1,830)	(13,796)

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

SCHEDULE E12

CONTRACT	TERM START	TERM END	CONTRACT TYPE	
ORANGE COGEN LP	4/17/1989	12/31/2015	QF	QF = QUALIFYING FACILITY
HARDEE POWER PARTNERS	1/1/1993	12/31/2012	LT	LT = LONG TERM
SEMINOLE ELECTRIC **	6/1/1992	12/31/2012	LT	ST = SHORT-TERM
CALPINE	11/1/2011	12/31/2016	LT	** THREE YEAR NOTICE REQUIRED FOR TERMINATION.
RELIANT	1/1/2009	5/31/2012	LT	
PASCO COGEN LTD	1/1/2009	12/31/2018	LT	

CONTRACT	ACT JANUARY MW	ACT FEBRUARY MW	ACT MARCH MW	ACT APRIL MW	ACT MAY MW	ACT JUNE MW	EST JULY MW	EST AUGUST MW	EST SEPTEMBER MW	EST OCTOBER MW	EST NOVEMBER MW	EST DECEMBER MW
ORANGE COGEN LP	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
HARDEE POWER PARTNERS	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0	370.0
CALPINE	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0	117.0
RELIANT	158.0	158.0	158.0	158.0	158.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
PASCO COGEN LTD	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0	121.0
SEMINOLE ELECTRIC	5.0	4.2	5.2	1.9	5.4	4.9	5.0	5.8	4.7	4.6	3.9	3.9

CAPACITY	ACT JANUARY ($)	ACT FEBRUARY ($)	ACT MARCH ($)	ACT APRIL ($)	ACT MAY ($)	ACT JUNE ($)	EST JULY ($)	EST AUGUST ($)	EST SEPTEMBER ($)	EST OCTOBER ($)	EST NOVEMBER ($)	EST DECEMBER ($)	TOTAL ($)
ORANGE COGEN LP	986,010	1,111,590	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	1,048,800	12,585,600
TOTAL COGENERATION	**$ 986,010**	**$ 1,111,590**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 1,048,800**	**$ 12,585,600**

REDACTED

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ACTUAL/ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

SCHEDULE E12

CAPACITY	ACT JANUARY ($)	ACT FEBRUARY ($)	ACT MARCH ($)	ACT APRIL ($)	ACT MAY ($)	ACT JUNE ($)	EST JULY ($)	EST AUGUST ($)	EST SEPTEMBER ($)	EST OCTOBER ($)	EST NOVEMBER ($)	EST DECEMBER ($)	TOTAL ($)
HARDEE POWER PARTNERS	[redacted]												
CALPINE - D													
RELIANT ENERGY SERVICES - D													
PASCO COGEN LTD - D													
CITY OF TALLAHASSEE													
SEMINOLE ELECTRIC													
FLORIDA POWER & LIGHT													
PROGRESS ENERGY FLORIDA													
THE ENERGY AUTHORITY													
SUBTOTAL CAPACITY PURCHASES													
SEMINOLE ELECTRIC - D													
PROGRESS ENERGY FLORIDA - CB													
FLORIDA POWER & LIGHT - CB													
ORLANDO UTILITIES - CB													
REEDY CREEK - CB													
SEMINOLE ELECTRIC - CB													
THE ENERGY AUTHORITY - CB													
VARIOUS - MA													
CARGILL ALLIANT - MA													
CONSTELLATION COMMODITIES - MA													
REEDY CREEK - MA													
SEMINOLE ELECTRIC - MA													
THE ENERGY AUTHORITY - MA													
J P MORGAN VENTURES - MA													
MORGAN STANLEY - MA													
SOUTHERN CO - MA													
NEW SMYRNA BEACH - MA													
EDF TRADING - MA													
CITY OF HOMESTEAD - MA													
SUBTOTAL CAPACITY SALES													
TOTAL PURCHASES AND (SALES)	$ 3,441,523	$ 3,541,910	$ 3,459,679	$ 3,458,798	$ 4,293,339	$ 2,594,092	$ 2,539,654	$ 2,539,654	$ 2,539,644	$ 2,539,654	$ 2,539,654	$ 2,484,604	$ 35,972,205
TOTAL CAPACITY	$ 4,427,533	$ 4,653,500	$ 4,508,479	$ 4,507,598	$ 5,342,139	$ 3,642,892	$ 3,588,454	$ 3,588,454	$ 3,588,444	$ 3,588,454	$ 3,588,454	$ 3,533,404	$ 48,557,805

TECO
TAMPA ELECTRIC

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 120001-EI
IN RE: TAMPA ELECTRIC'S
FUEL & PURCHASED POWER COST RECOVERY
AND CAPACITY COST RECOVERY

FUEL PROCUREMENT AND WHOLESALE POWER PURCHASES
RISK MANAGEMENT PLAN

JANUARY 2013 THROUGH DECEMBER 2013

TESTIMONY AND EXHIBIT
OF
J. Brent Caldwell

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

J. BRENT CALDWELL

Q. Please state your name, business address, occupation and employer.

A. My name is J. Brent Caldwell. My business address is 702 North Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") as Director of Origination & Market Services.

Q. Please provide a brief outline of your educational background and business experience.

A. I received a Bachelor Degree in Electrical Engineering from Georgia Institute of Technology in 1985 and a Master of Science in Electrical Engineering from University of South Florida in 1988. I have over 15 years of utility experience with an emphasis in state and federal regulatory matters, natural gas procurement and transportation, fuel logistics and cost reporting, and business systems analysis. In October 2010, I

assumed the long-term fuel origination responsibilities of Joann Wehle who was the previous witness in the fuel docket.

Q. Are you the same J. Brent Caldwell who previously filed direct testimony on behalf of Tampa Electric Company in this docket?

A. Yes, I am.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to sponsor and describe Exhibit No. ____ (JBC-2), entitled Tampa Electric Company's Fuel Procurement and Wholesale Power Purchases Risk Management Plan 2013.

Q. Was this exhibit prepared by you or under your direction and supervision?

A. Yes, it was.

Q. Please describe this Exhibit.

A. My Exhibit, No. ____ (JBC-2) sets forth all of the

various details of Tampa Electric's overall plan for mitigating risk in the company's procurement of generation fuel and purchased power during 2013.

Q. Does this conclude your testimony?

A. Yes, it does.

TAMPA ELECTRIC COMPANY
FUEL PROCUREMENT AND WHOLESALE POWER PURCHASES
RISK MANAGEMENT PLAN
2013

Introduction

Tampa Electric serves its retail customers' electricity needs through a portfolio of generation and wholesale purchases. Tampa Electric's generation fuel mix is primarily a blend of coal and natural gas. While fuel mix diversity enhances long-term reliability, the reliance on natural gas can potentially increase variation in fuel prices. The company's risk management activities reduce the impact of price uncertainty and volatility to the Fuel and Purchased Power Cost Recovery Clause.

I. Qualitative and Quantitative Risk Management Objectives

A. Qualitative objectives

Tampa Electric's goals in managing risks associated with fuel or power purchases are focused on minimizing supply risk to ensure reliability of electric service to its customers at a reasonable price. To the extent price risk can be reduced without compromising supply reliability or imposing unnecessary costs on customers, Tampa Electric is committed to executing strategies to accomplish its risk management goals.

B. Quantitative objectives

Tampa Electric's quantitative objective is to prudently manage its fuel and wholesale energy procurement activities to minimize the variance from projected expenditures while taking advantage of cost-saving opportunities that do not result in increased supply risk. Tampa Electric has established a portfolio of fuel and purchased power products with creditworthy counterparties for known volumes and prices.

II. Oversight & Reporting of Fuel Procurement Activities

The company provides fuel and wholesale energy procurement activities with independent and unavoidable oversight.

A. The TECO Energy Board of Directors established an Energy Risk Management Policy ("Risk Policy"). This policy governs all energy commodities transacting activities at each of TECO Energy's operating units. The scope of this policy includes:

- Roles and responsibilities of various persons and functions with respect to risk management
- Authorized transacting activity
- Risk limits
- Valuation and data management
- Credit risk management
- Reporting
- Compliance and enforcement

B. The Risk Policy established the Risk Advisory Committee ("RAC"). The responsibilities of the RAC include the following activities:

- Reviewing the Risk Management Policy periodically and recommending changes and enhancements for approval by the Board of Directors ("Board").
- Reviewing corporate risk limits for recommendation to the Board.
- Establishing the quantitative limits for operating companies within Board approved corporate risk limits. The RAC may, at its discretion, delegate approval of sub-limits to operating company management.
- Approving parameters for counterparty credit limits and the allocation of limits among the operating companies.
- Establishing guidelines for risk management and measurement.
- Overseeing and reviewing the risk management process and infrastructure.
- Reviewing and approving transacting strategies proposed by the operating companies.
- Understanding and approving methodologies used for valuation and risk measurement.
- Reviewing and approving corporate and operating company risk limits.
- Establishing credit underwriting standards, and monitoring credit risk-taking activities and related exposures.
- Reviewing risk reports, including portfolio risk summaries and profitability and performance summaries.
- Enacting, maintaining, and enforcing limit violation and trader misconduct policies.
- Taking appropriate courses of action when the risk position of a transacting group has exceeded or is approaching the established limits.
- Reviewing and approving new risk management products.
- Presenting periodic reports to the Board or its committees.

C. TECO Energy established a corporate risk management function ("middle office"), which is overseen by the Director of Independent Risk Oversight.

D. Tampa Electric established additional oversight or control mechanisms to ensure compliance with policies and procedures. The following practices

provide checks and balances on fuel and purchased power procurement activities.

- Fuel and wholesale energy procurement activities are conducted in accordance with company guidelines, including review by the operating stations and other management.
- All agreements are formalized in a written contract that is reviewed by legal counsel.
- The contracts are reviewed by the Director, Independent Risk Oversight of TECO Energy's Energy Risk Management Department for potential credit risks and incorporation of appropriate credit protection.
- The company maintains approval authority restrictions based on term and value of the transaction.
- Payments of invoices under each contract are settled and approved by an independent department.
- Each transaction is eligible for review by outside, internal and regulatory auditors.
- Information systems provide transaction authority control, credit monitoring, mark-to-market and value-at-risk analysis and other key controls.

E. In accordance with the Risk Policy, Tampa Electric established commodity specific transaction limits for commodity transactions.

- The Risk Authorizing Committee reviews and approves commodity transaction limits on an individual basis.
- The limits include commodity, physical or financial, tenor (time limit), and dollar amount.
- Only a few individuals are authorized to execute financial hedging transactions.

F. Tampa Electric's Fuels Management Department has updated and formalized its policies and procedures. The key elements of its policies and procedures are:

- Financial hedging of fuel commodities are for mitigation of risk to fuel price uncertainty and volatility.
- Hedging will be conducted in a manner consistent with the Risk Management Plan approved by the RAC.
- Execution of hedges under the Risk Management Plan will be consistent with approved transaction limits for authorized transactors.
- Duties will be separated to assure sufficient control over hedging transactions.
- Hedging activity will be monitored regularly and reported at least once a month to insure consistency with the Risk Management Plan.

G. Reports are generated that summarize the fuel procurement activities of the company. These include monthly financial reports produced by Regulatory Accounting, FERC Electric Quarterly Reports, FERC Form 1,

FERC Form 580, FERC Form 923, FERC Form 552, FPSC Form 423, FPSC A schedules and FPSC E schedules. In addition, position and mark-to-market reports are produced and reviewed by the Director of Independent Risk Oversight. The appropriate entries and related disclosures are made in the company's books and records as required by accounting standards.

III. Risk Assessment

In its Risk Policy, TECO Energy has identified the following types of risks for its commodity portfolio.

A. Market Risk

Market risk is the potential change in value of a commodity contract caused by adverse changes in market factors (price and volatility). The following are types of market risk.

1. **Price Risk:** Price risk refers to the uncertainty associated with changes in the price of an underlying asset. For instance, if a company has a short position in the market (e.g., needs to meet load requirements by purchasing electricity or natural gas), it will be susceptible to price increases. Conversely, if a company is in a long position (e.g., excess generation or natural gas supply), it is exposed to decreases in market prices. Tampa Electric manages its price risk using physical and financial hedges.

   In 2013, Tampa Electric is subject to limited price risk related to variation in coal prices. That price risk is mitigated in part because the company has already contracted for much of its expected coal needs at known prices. Expected market conditions do not currently require further price risk mitigation, for the reasons described in Section IV of this plan.

   Tampa Electric evaluated its exposure to changes in the price for natural gas during 2013 based on the forward price and estimated uncertainty in the price of natural gas and the company's expected usage under both low and high price natural gas cases. Natural gas expenditures decrease in the low case by an estimated $65.1 million and total fuel and purchased power costs decrease by $70.7 million due to lower prices. In the high case, natural gas expenditures increase by an estimated $67.7 million, and the total fuel and purchased power costs increase by $72.7 million. This exposure estimate does not take into account any hedges the company may implement to limit its exposure. Tampa Electric's

hedging strategy with respect to natural gas and purchased power is outlined in Section IV of this plan.

Tampa Electric requires small quantities of fuel oil and maintains a contract that eliminates its supply risk. Due to the small quantities of fuel oil needed for generation, the cost impact caused by price risk is minimal and is therefore not quantified.

2. **Time Spread Risk:** This is the risk that the relationship between two points (i.e., one month versus six months) on the forward curve changes. Because the shape of the fuel or electricity forward curve changes to reflect the market's expectations of spot and future fuel or electricity prices, the relationship between any two points on the curve is not always constant. Because of the nature of its business Tampa Electric has little reason or opportunity to offset energy commodity requirements in one month with resources delivered in another month. Therefore, time spread risk is not a significant issue for Tampa Electric.

3. **Liquidity Risk:** Liquidity risk is associated with the lack of marketability of a commodity. It includes the risk of an adverse cost or return variation stemming from the lack of marketability of a financial instrument. Liquidity risk may arise because a given position is very large relative to typical trading volumes of like commodity and contract tenor, or because market conditions are unsettled. Liquidity risk is usually reflected in a wide bid-ask spread and large price movements in response to any attempt to buy or sell. A firm facing the need to quickly unwind a portfolio of illiquid instruments may find it necessary to sell at prices far below fair value. Tampa Electric is not exposed to liquidity risk for natural gas financial instruments since the company does not purchase instruments for resale. Tampa Electric does have some liquidity risk for wholesale power transactions since the Florida market has a limited number of participants.

4. **Basis Risk:** Basis risk is the risk exposure due to a difference in commodity value between different delivery points. Electricity markets are regional. Prices can be different at different locations because of differences in both supply costs and the cost of transmission between the two locations. These price differences are dynamic, primarily due to changes in transmission availability between the two locations. Due to the stability of the coal market, Tampa Electric's negligible use of oil, and the indexing of its natural gas contract pricing, basis risk is not a significant issue for the company.

Fundamentally, market risk is created by the existence of "open"

positions. An open position is the difference between an existing requirement and the ability to meet that requirement with existing resources.

B. Volume Risk

Volume risk is the potential adverse economic impact of unanticipated changes in supply or demand. Tampa Electric faces supply risk, because there is uncertainty associated with the availability of generating units or fuel availability for those units. If a generating unit fails, Tampa Electric must replace the power with another unit's generation or with purchased power at market prices. Tampa Electric also faces demand risk since there is uncertainty associated with customer demand, and thus uncertainty in the determination of the fuel or energy purchase volumes necessary to supply such demand. Tampa Electric's volume risk for fuel and purchased power in 2013 will be managed operationally and through contract terms enforcement, including appropriate legal remedies, should a party default.

C. Credit Risk

Credit risk is the risk of financial loss due to a counterparty's failure to fulfill the terms of a contract on a timely basis. It includes both settlement risk associated with payment for fuel or energy received, as well as the potential risk that the counterparty defaults on an obligation to provide or receive fuel or energy. Credit risk depends on the probability of counterparty default, the concentration of credit exposure with a small number of counterparties, the total amount of exposure, and the volatility of markets. Tampa Electric's credit risk will vary based on the number of its trading counterparties and the mark-to-market value of its hedge transactions. Tampa Electric's existing credit risk is minimal since it uses a wide variety of counterparties, and has systems and processes in place to monitor and control credit risk.

D. Administrative Risk

Administrative risk is risk of loss associated with deficiencies in a company's internal control structure and management reporting due to human error, fraud or a system's inability to adequately capture, store and report transactions. The company has consistently maintained appropriate administrative controls for entering and administration of commodity transactions.

IV. Risk Management Strategy and Current Hedging Activity

Tampa Electric's risk management strategy is designed to limit exposure to different types of risk that are applicable to the company's operation.

A. Market Risk

Tampa Electric's potential market risk is the result of open positions in four commodities:

- Coal
- Natural Gas
- Fuel Oil
- Purchased Power

System energy requirements during 2013 are projected to be served in the proportions shown in the following table.

Commodity	Percent of System Energy
Coal	58
Natural Gas	38
No. 2 Oil	0
No. 6 Oil	0
Purchased Power	4

Based on Tampa Electric's assessment of market risk factors, the company has implemented the market risk management strategies described below.

1. **Coal:** Tampa Electric has contracted for much of its expected coal needs for 2013 through bilateral agreements with coal producers. The company will provide the projected amounts in both tons and dollars in its 2013 projection filing to be submitted August 31, 2012. Coal market pricing has retreated from record high levels in 2008. In 2012, coal prices have been relatively stable, and prices are expected to remain stable in 2013. Tampa Electric has secured a portion of its coal needs for 2013, reducing exposure to price volatility and mitigating coal volume risk. Tampa Electric's contracts with suppliers also incorporate legal remedies in the event of default, which address volume risk.

2. **Fuel Oil:** In 2013, Tampa Electric will continue to purchase its fuel oil needs at indexed market prices. Oil represents less than one percent of the company's needs on a GWH basis, and therefore, associated price impact from risk is minimal. Tampa Electric maintains a contract with a local supplier to deliver all of its needs, which mitigates supply risk.

3. **Natural Gas:** Tampa Electric continues to implement prudent financial hedging strategies for natural gas requirements. In 2012, the company used swap agreements—the exchange of a payment tied to the value of a natural gas index for a fixed payment—to hedge natural gas. In keeping with the company's approved risk management plan, Tampa Electric plans to hedge a significant percentage of its projected natural gas usage in 2013.

Tampa Electric uses the forward pricing information of the New York Mercantile Exchange ("NYMEX") natural gas forward price curve in developing natural gas price hedging strategy. Tampa Electric also subscribes to industry publications that provide information about underlying issues affecting the availability and price of natural gas and other commodities. The purpose of Tampa Electric's natural gas hedge plan is to reduce natural gas price volatility by utilizing financial instruments relying on three key variables: price, volume and time.

Tampa Electric projects prices during the company's annual fuel budgeting process. The volume of natural gas that the company will hedge falls between a minimum and a maximum percentage of the expected natural gas burn. The percentages vary according to the time remaining until the contract month.

Tampa Electric's approved Risk Management Plan describes the following key elements of the company's natural gas hedging strategy: (1) natural gas prices can be hedged up to 24 months into the future; (2) nearer months can be hedged for a greater percentage of the expected volume than outer months; and (3) natural gas options can be used for financial hedging.

Currently, Tampa Electric estimates over [redacted] percent of its total 2012 natural gas purchases will be covered by financial hedges. The net effect of these hedges is estimated to be a [redacted] of approximately [redacted]. For 2013, Tampa Electric has approximately [redacted] percent hedged with a currently estimated [redacted] of [redacted].

4. **Purchased Power:** Total forecasted purchased power for 2012 is 1,192 GWH. As of July 2012, Tampa Electric has physically hedged 82 GWH's of its 2013 expected purchased power needs through pre-scheduled purchased power agreements. The remaining GWH's of 2013 forecasted wholesale energy purchases will be purchased from as-available cogenerators or on the short-term, non-firm market for economy purposes, which are not hedged.

The company's purchased power contracts include a fuel component; therefore, Tampa Electric has exposure to fuel price risk for its wholesale energy purchases, particularly for purchased power supplied from natural gas-fired generation. Tampa Electric does not currently hedge wholesale energy transactions with financial instruments due to the lack of a liquid, published wholesale energy market and appropriate available instruments.

Tampa Electric is responsible for natural gas fuel delivery on two purchase contracts for peaking power. Although this contract volume is not currently included in the company's hedging portfolio, Tampa Electric continually assesses whether it should be added.

In summary, Tampa Electric's planned operations in 2013 result in nominal market risk associated with coal and fuel oil. Non-price risks associated with natural gas and purchased power are also minimal. Therefore, while the company continues to evaluate risk for all fuel and energy commodity transactions, it is currently focused on mitigating the price risk associated with natural gas and purchased power.

5. **Volume Risk:** Hedging of volumetric risk is problematic due to a limited number of viable financial hedging instruments. Tampa Electric has identified the following hedges.
   - Maintaining appropriate inventory stockpiles provides a physical hedge against volume risk.
   - "Swing" contracts enable the buyer to take variable volumes up to a predefined limit.
   - Full requirement contracts enable the buyer to take any volume up to total usage.

   Tampa Electric uses inventory swing contracts and full requirements contracts where needed commodity volumes are small and in situations where commodity volumes are unpredictable in volume and/or timing. Other alternatives will continue to be identified, assessed and implemented as necessary.

6. **Credit Risk:** TECO Energy's credit risk management process is composed of the following primary steps.
   - Gather counterparty information for initial evaluation.
   - Assess counterparty creditworthiness and assign credit limit.
   - Determine credit collateral requirements, as needed.
   - Request, review and monitor contractual requirements, legal covenants, collateral documents and credit provisions.
   - Quantify counterparty exposure and measure against approved limits.
   - Monitor counterparty and credit support provider qualities.

- Prepare credit exposure reports on a daily basis that are reviewed prior to entering into transactions.

7. **Administrative Risk:** Tampa Electric maintains energy trading risk management systems and processes to efficiently track, monitor and evaluate hedging activities. Tampa Electric's administrative processes and system controls have passed repeated internal and external (Sarbanes-Oxley) audits.