



**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

**DOCKET NO. 110001-EI
FUEL & PURCHASED POWER COST RECOVERY
AND
CAPACITY COST RECOVERY**

**PROJECTIONS
JANUARY 2012 THROUGH DECEMBER 2012**

**TESTIMONY AND EXHIBIT
OF
CARLOS ALDAZABAL**

FILED: SEPTEMBER 1, 2011

DOCUMENT NUMBER-DATE

06318 SEP-1 =

FPSC-COMMISSION CLERK

1 **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

2 **PREPARED DIRECT TESTIMONY**

3 **OF**

4 **CARLOS ALDAZABAL**

5
6 **Q.** Please state your name, address, occupation and employer.

7
8 **A.** My name is Carlos Aldazabal. My business address is 702
9 North Franklin Street, Tampa, Florida 33602. I am
10 employed by Tampa Electric Company ("Tampa Electric" or
11 "company") in the position of Director, Regulatory
12 Affairs in the Regulatory Affairs Department.

13
14 **Q.** Please provide a brief outline of your educational
15 background and business experience.

16
17 **A.** I received a Bachelor of Science Degree in Accounting in
18 1991, and received a Masters of Accountancy in 1995 from
19 the University of South Florida in Tampa. I am a CPA in
20 the State of Florida and have accumulated 16 years of
21 electric utility experience working in the areas of fuel
22 and interchange accounting, surveillance reporting, and
23 budgeting and analysis. In April 1999, I joined Tampa
24 Electric as Supervisor, Regulatory Accounting. In
25 January 2004, I became Manager, Regulatory Affairs where

1 my duties included managing cost recovery for fuel and
2 purchased power, interchange sales, and capacity
3 payments. In August 2009, I was promoted to Director
4 Regulatory Affairs with primary responsibility for
5 overseeing all cost recovery clauses.
6

7 **Q.** Have you previously testified before this Commission?
8

9 **A.** Yes. I have submitted written testimony in the annual
10 fuel docket since 2004, and I testified before this
11 Florida Public Service Commission ("FPSC" or
12 "Commission") in Docket Nos. 060001-EI and 080001-EI
13 regarding the appropriateness and prudence of Tampa
14 Electric's recoverable fuel and purchased power costs as
15 well as capacity costs.
16

17 **Q.** What is the purpose of your testimony?
18

19 **A.** The purpose of my testimony is to present, for Commission
20 review and approval, the proposed annual capacity cost
21 recovery factors, the proposed annual levelized fuel and
22 purchased power cost recovery factors including an
23 inverted or two-tiered residential fuel charge to
24 encourage energy efficiency and conservation and the
25 projected wholesale incentive benchmark for January 2012

1 through December 2012. I will also describe significant
2 events that affect the factors and provide an overview of
3 the composite effect from the various cost recovery
4 factors for 2012.

5
6 **Q.** Have you prepared an exhibit to support your testimony?
7

8 **A.** Yes. Exhibit No. ____ (CA-3), consisting of three
9 documents, was prepared under my direction and
10 supervision. Document No. 1, consisting of four pages,
11 is furnished as support for the projected capacity cost
12 recovery factors utilizing the Commission approved
13 allocation methodology from Order No. PSC-09-0283-FOF-EI
14 issued April 30, 2009, in Docket No. 080317-EI based on
15 12 Coincident Peak ("CP") and 25 percent Average Demand
16 ("AD"). Document No. 2, which is furnished as support
17 for the proposed levelized fuel and purchased power cost
18 recovery factors, is comprised of Schedules E1 through
19 E10 for January 2012 through December 2012 as well as
20 Schedule H1 for January through December, 2009 through
21 2012. Document No. 3 provides a comparison of retail
22 residential fuel revenues under the inverted or tiered
23 fuel rate and a levelized fuel rate, which demonstrates
24 that the tiered rate is revenue neutral.
25

1 **Capacity Cost Recovery**

2 **Q.** Are you requesting Commission approval of the projected
3 capacity cost recovery factors for the company's various
4 rate schedules?

5
6 **A.** Yes. The capacity cost recovery factors, prepared under
7 my direction and supervision, are provided in Exhibit No.
8 ____ (CA-3), Document No. 1, page 3 of 4. The capacity
9 factors reflect the company's approved rate design from
10 Order No. PSC-09-0283-FOF-EI in Docket No. 080317-EI,
11 issued April 30, 2009.

12
13 **Q.** Are there any new incremental O&M security or NERC cyber-
14 security requirements since Tampa Electric's last full
15 revenue requirements case?

16
17 **A.** Yes. On February 16, 2010, the NERC adopted a new
18 interpretation of its requirements for physical security
19 of critical cyber assets. As a result, Tampa Electric
20 must install incremental controls for communication links
21 which span multiple locations because traditional
22 physical security measures cannot practically be applied.

23
24 **Q.** Please describe the costs to comply with the new NERC
25 cyber-security requirement?

1 **A.** Tampa Electric's compliance with the February 16, 2010,
2 NERC interpretation will require that Tampa Electric
3 spend approximately \$300,000 in incremental cyber
4 security costs through 2011. These are costs to comply
5 with requirements that did not exist and which Tampa
6 Electric could not have anticipated when its last full
7 revenue requirements case took place.

8
9 **Q.** Does Tampa Electric expect to incur incremental NERC
10 cyber-security expenses, in addition to those already
11 described?

12
13 **A.** Tampa Electric also anticipates incurring incremental
14 NERC cyber-security costs related to new measures
15 currently being promulgated by NERC, characterized as
16 Version 4 and Version 5 security costs. The company
17 anticipates that the majority of any Version 4 or Version
18 5 incremental NERC Cyber security requirements will
19 result in increased costs primarily in 2013 and 2014.

20
21 **Q.** What payments are included in Tampa Electric's capacity
22 cost recovery factors?

23
24 **A.** Tampa Electric is requesting recovery of capacity
25 payments for power purchased for retail customers,

1 excluding optional provision purchases for interruptible
 2 customers, through the capacity cost recovery factors.
 3 The company is also requesting recovery of the
 4 incremental NERC Cyber security costs I described
 5 earlier, which is consistent with prior orders of the
 6 Commission relating to incremental security costs. As
 7 shown in Exhibit No. ____ (CA-3), Document No. 1, Tampa
 8 Electric requests recovery of \$45,281,681 after
 9 jurisdictional separation and prior year true-up, for
 10 estimated expenses in 2012.

11
 12 **Q.** Please summarize the proposed capacity cost recovery
 13 factors by metering voltage level for January 2012
 14 through December 2012.

15
 16 **A.**

Rate Class and	Capacity Cost	Recovery Factor
<u>Metering Voltage</u>	<u>Cents per kWh</u>	<u>\$ per kW</u>
RS Secondary	0.278	
GS and TS Secondary	0.258	
GSD, SBF Standard		
Secondary		0.86
Primary		0.85
Transmission		0.84
IS, IST, SBI		
Primary		0.69

1	Transmission	0.69
2	GSD Optional	
3	Secondary	0.205
4	Primary	0.203
5	LS1 Secondary	0.065

6

7 These factors are shown in Exhibit No. ____ (CA-3),

8 Document No. 1, page 3 of 4.

9

10 **Q.** How does Tampa Electric's proposed average capacity cost

11 recovery factor of 0.238 cents per kWh compare to the

12 factor for January 2011 through December 2011?

13

14 **A.** The proposed capacity cost recovery factor is 0.053 cents

15 per kWh (or \$0.53 per 1,000 kWh) lower than the average

16 capacity cost recovery factor of 0.291 cents per kWh for

17 the January 2011 through December 2011 period.

18

19 **Fuel and Purchased Power Cost Recovery Factor**

20 **Q.** What is the appropriate amount of the levelized fuel and

21 purchased power cost recovery factor for the year 2012?

22

23 **A.** The appropriate amount for the 2012 period is 4.190 cents

24 per kWh before the application of time of use multipliers

25 for on-peak or off-peak usage. Schedule E1-E of Exhibit

1 No. ____ (CA-3), Document No. 2, shows the appropriate
2 value for the total fuel and purchased power cost
3 recovery factor for each metering voltage level as
4 projected for the period January 2012 through December
5 2012.

6
7 **Q.** Please describe the information provided on Schedule E1-C.

8
9 **A.** The Generating Performance Incentive Factor ("GPIF") and
10 true-up factors are provided on Schedule E1-C. Tampa
11 Electric has calculated a GPIF reward of \$2,054,696,
12 which is included in the calculation of the total fuel
13 and purchased power cost recovery factors. Additionally,
14 E1-C indicates the net true-up amount for the January
15 2011 through December 2011 period. The net true-up
16 amount for this period is an over-recovery of
17 \$47,813,410.

18
19 **Q.** Please describe the information provided on Schedule E1-D.

20
21 **A.** Schedule E1-D presents Tampa Electric's on-peak and off-
22 peak fuel adjustment factors for January 2012 through
23 December 2012. The schedule also presents Tampa
24 Electric's levelized fuel cost factors at each metering
25 voltage level.

1 Q. Please describe the information provided on Schedule E1-
2 E.

3
4 A. Schedule E1-E presents the standard, tiered, on-peak and
5 off-peak fuel adjustment factors at each metering voltage
6 to be applied to customer bills.

7
8 Q. Please describe the information provided in Document No.
9 3.

10
11 A. Exhibit No. ____ (CA-3), Document No. 3 demonstrates that
12 the tiered rate structure is designed to be revenue
13 neutral so that the company will recover the same fuel
14 costs as it would under the traditional levelized fuel
15 approach.

16
17 Q. Please summarize the proposed fuel and purchased power
18 cost recovery factors by metering voltage level for
19 January 2012 through December 2012.

20
21 A.

	Fuel Charge
<u>Metering Voltage Level</u>	<u>Factor (cents per kWh)</u>
22 Secondary	4.190
23 Tier I (Up to 1,000 kWh)	3.840
24 Tier II (Over 1,000 kWh)	4.840

25

1	Distribution Primary	4.148
2	Transmission	4.106
3	Lighting Service	4.129
4	Distribution Secondary	4.580 (on-peak)
5		4.036 (off-peak)
6	Distribution Primary	4.534 (on-peak)
7		3.996 (off-peak)
8	Transmission	4.488 (on-peak)
9		3.955 (off-peak)

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Q. How does Tampa Electric's proposed levelized fuel adjustment factor of 4.190 cents per kWh compare to the levelized fuel adjustment factor for the January 2011 through December 2011 period?

A. The proposed fuel charge factor is 0.035 cents per kWh (or \$0.35 per 1,000 kWh) lower than the average fuel charge factor of 4.225 cents per kWh for the January 2011 through December 2011 period.

Events Affecting the Projection Filing

Q. Are there any significant events reflected in the calculation of the 2012 fuel and purchased power and capacity cost recovery projections?

1 **A.** Yes. There is a significant event reflected in the 2012
2 projections: stabilization of natural gas prices after
3 several years of steady price declines and related hedge
4 results.
5
6 **Q.** Please describe the results of this natural gas pricing
7 event.
8
9 **A.** With the addition of Bayside Station in 2004 and more
10 recently the combustion turbines ("CT's") at Polk,
11 Bayside and Big Bend Stations, Tampa Electric increased
12 its reliance on natural gas as a fuel source. The
13 prolonged economic downturn resulted in a decline in fuel
14 commodity prices, particularly natural gas, which
15 translated into a significant decrease in fuel and
16 purchased power costs over the period. However, more
17 recently fuel commodity prices started to stabilize and
18 in some cases increase compared to prior periods. To
19 mitigate fuel price volatility and comply with the
20 company's Commission-approved Risk Management Plan,
21 financial hedges have been entered into for natural gas
22 in 2011 and 2012. Tampa Electric witness J. Brent
23 Caldwell's direct testimony describes existing and
24 forecasted natural gas costs and associated hedge results
25 in more detail.

1 **Wholesale Incentive Benchmark Mechanism**

2 **Q.** What is Tampa Electric's projected wholesale incentive
3 benchmark for 2012?

4
5 **A.** The company's projected 2012 benchmark is \$2,160,817,
6 which is the three-year average of \$3,533,488, \$2,948,964
7 and \$965,313 in gains on the company's non-separated
8 wholesale sales, excluding emergency sales, for 2009,
9 2010 and 2011 (estimated/actual), respectively.

10

11 **Q.** Does Tampa Electric expect gains in 2012 from non-
12 separated wholesale sales to exceed its 2012 wholesale
13 incentive benchmark?

14

15 **A.** No. Tampa Electric anticipates that sales will not
16 exceed the projected benchmark for 2012. Therefore, all
17 sales margins will flow back to customers.

18

19 **Cost Recovery Factors**

20 **Q.** What is the composite effect of Tampa Electric's proposed
21 changes in its capacity, fuel and purchased power,
22 environmental and energy conservation cost recovery
23 factors on a 1,000 kWh residential customer's bill?

24

25 **A.** The composite effect on a residential bill for 1,000 kWh

1 is a decrease of \$0.10 beginning January 2012. These
2 charges are shown in Exhibit No. ____ (CA-3), Document
3 No. 2, on Schedule E10.
4

5 **Q.** When should the new rates go into effect?
6

7 **A.** The new rates should go into effect concurrent with meter
8 reads for the first billing cycle for January 2012.
9

10 **Q.** Does this conclude your testimony?
11

12 **A.** Yes, it does.
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Docket No. 110001-EI
CCR 2012 Projection Filing
Exhibit No. _____ (CA-3)
Document No. 1

**EXHIBIT TO THE TESTIMONY OF
CARLOS ALDAZABAL**

DOCUMENT NO. 1

**PROJECTED CAPACITY COST RECOVERY
JANUARY 2012 - DECEMBER 2012**

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2012 THROUGH DECEMBER 2012
PROJECTED

RATE CLASS	(1) AVG 12 CP LOAD FACTOR AT METER (%)	(2) PROJECTED SALES AT METER (MWH)	(3) PROJECTED AVG 12 CP AT METER (MW)	(4) DEMAND LOSS EXPANSION FACTOR	(5) ENERGY LOSS EXPANSION FACTOR	(6) PROJECTED SALES AT GENERATION (MWH)	(7) PROJECTED AVG 12 CP AT GENERATION (MW)	(8) PERCENTAGE OF SALES AT GENERATION (%)	(9) PERCENTAGE OF DEMAND AT GENERATION (%)	(10) 12 CP & 25% AVG DEMAND FACTOR (%)
RS,RSVP	53.82%	8,889,736	1,886	1.08084	1.05540	9,382,208	2,038	46.82%	57.08%	54.51%
GS, TS	59.28%	1,041,638	201	1.08084	1.05538	1,099,328	217	5.49%	6.08%	5.93%
GSD Optional	4.71%	458,490	65	1.07633	1.05161	482,154	70	2.41%	1.96%	2.07%
GSD, SBF	76.20%	7,416,729	1,046	1.07633	1.05161	7,799,529	1,126	38.94%	31.54%	33.39%
IS,SBI	102.46%	1,023,749	114	1.03157	1.01880	1,042,990	118	5.21%	3.31%	3.79%
LS1	2255.01%	213,911	1	1.08084	1.05540	225,761	1	1.13%	0.03%	0.31%
TOTAL		19,044,253	3,312			20,031,970	3,570	100.00%	100.00%	100.00%

- (1) AVG 12 CP load factor based on 2011 projected calendar data.
(2) Projected MWH sales for the period January 2012 thru December 2012.
(3) Based on 12 months average CP at meter.
(4) Based on 2011 projected demand losses.
(5) Based on 2011 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).
(8) Based on 12 months average percentage of sales at generation.
(9) Based on 12 months average percentage of demand at generation.
(10) Col (8) * 25% + Col (9) * 75%

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2012 THROUGH DECEMBER 2012
PROJECTED

	January	February	March	April	May	June	July	August	September	October	November	December	Total
1 UNIT POWER CAPACITY CHARGES	3,384,790	3,384,790	3,384,790	3,384,780	3,384,790	2,452,900	2,452,910	2,452,910	2,452,900	2,452,910	2,452,910	2,397,860	34,039,240
2 CAPACITY PAYMENTS TO COGENERATORS	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	1,048,800	1,048,800	12,585,600
3 (UNIT POWER CAPACITY REVENUES)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(158,681)	(1,904,172)
4 TOTAL CAPACITY DOLLARS	\$4,274,909	\$4,274,909	\$4,274,909	\$4,274,899	\$4,274,909	\$3,343,019	\$3,343,029	\$3,343,029	\$3,343,019	\$3,343,029	\$3,343,029	\$3,287,979	\$44,720,668
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	\$4,257,019	\$4,257,019	\$4,257,019	\$4,257,009	\$4,257,019	\$3,329,029	\$3,329,039	\$3,329,039	\$3,329,029	\$3,329,039	\$3,329,039	\$3,274,219	\$44,533,518
7 ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD JAN. 2011 - DEC. 2011													715,584
8 TOTAL													\$45,249,102
9 REVENUE TAX FACTOR													1.00072
10 TOTAL RECOVERABLE CAPACITY DOLLARS													<u>\$45,281,681</u>

**TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2012 THROUGH DECEMBER 2012
PROJECTED**

RATE CLASS	(1) PERCENTAGE OF SALES AT GENERATION (%)	(2) PERCENTAGE OF DEMAND AT GENERATION (%)	(3) ENERGY RELATED COSTS (\$)	(4) DEMAND RELATED COSTS (\$)	(5) TOTAL CAPACITY COSTS (\$)	(6) PROJECTED SALES AT METER (MWH)	(7) EFFECTIVE AT SECONDARY LEVEL (MWH)	(8) BILLING KW LOAD FACTOR (%)	(9) PROJECTED BILLED KW AT METER (kw)	(10) CAPACITY RECOVERY FACTOR (\$/kw)	(11) CAPACITY RECOVERY FACTOR (\$/kwh)
RS	46.82%	57.08%	5,300,220	19,385,087	24,685,307	8,889,736	8,889,736				0.00278
GS, TS	5.49%	6.08%	621,491	2,064,845	2,686,336	1,041,638	1,041,638				0.00258
GSD, SBF											
Secondary						6,144,603	6,144,603			0.86	
Primary						1,269,911	1,257,212			0.85	
Transmission						2,215	2,171			0.84	
GSD, SBF - Standard	38.94%	31.54%	4,408,172	10,711,382	15,119,554	7,416,729	7,403,986	57.87%	17,526,343		
GSD - Optional											
Secondary	2.41%	1.96%	272,822	665,641	938,463						
Primary						447,736	447,736				0.00205
						10,754	10,646				0.00203
IS, SBI											
Primary						279,351	276,557			0.69	
Transmission						744,398	729,510			0.69	
Total IS, SBI	5.21%	3.31%	589,794	1,124,118	1,713,912	1,023,749	1,006,067	56.05%	2,459,026		
LS1	1.13%	0.03%	127,921	10,188	138,109	213,911	213,911				0.00065
TOTAL	100.00%	100.00%	11,320,420	33,961,261	45,281,681	19,044,253	19,013,720				0.00238

- (1) Obtained from page 1.
- (2) Obtained from page 1.
- (3) Total capacity costs * .25 * Col (1).
- (4) Total capacity costs * .75 * Col (2).
- (5) Col (3) + Col (4).
- (6) Projected kWh sales for the period January 2012 through December 2012.
- (7) Projected kWh sales at secondary for the period January 2012 through December 2012.
- (8) Col 7 / (Col 9 * 730) * 1000
- (9) Projected kw demand for the period January 2012 through December 2012.
- (10) Total Col (5) / Total Col (9).
- (11) {Col (5) / Total Col (7)} / 1000.

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

SCHEDULE E12

CONTRACT	TERM		CONTRACT TYPE
	START	END	
ORANGE COGEN LP	4/17/1989	12/31/2015	QF
HARDEE POWER PARTNERS	1/1/1993	12/31/2012	LT
SEMINOLE ELECTRIC	6/1/1992	12/31/2012	LT
RELIANT	1/1/2009	5/31/2012	LT
PASCO COGEN	1/1/2009	12/31/2018	LT

QF = QUALIFYING FACILITY
LT = LONG TERM
ST = SHORT TERM

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
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
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	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	4.6	4.6	5.0	6.0	4.2	4.6	5.0	5.8	4.7	4.6	3.9	3.9

CAPACITY	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
ORANGE COGEN LP	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	1,048,800	1,048,800	12,585,600
TOTAL COGENERATION	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	1,048,800	1,048,800	12,585,600
HARDEE POWER PARTNERS RELIANT ENERGY SERVICES - D PASCO COGEN - D SUBTOTAL CAPACITY PURCHASES	[REDACTED]												
SEMINOLE ELECTRIC - D VARIOUS MARKET BASED SUBTOTAL CAPACITY SALES	[REDACTED]												
TOTAL PURCHASES AND (SALES)	3,384,790	3,384,790	3,384,790	3,384,780	3,384,790	2,452,900	2,452,910	2,452,910	2,452,900	2,452,910	2,452,910	2,397,860	34,039,240
TOTAL CAPACITY	\$4,433,590	\$4,433,590	\$4,433,590	\$4,433,580	\$4,433,590	\$3,501,700	\$3,501,710	\$3,501,710	\$3,501,700	\$3,501,710	\$3,501,710	\$3,446,660	\$46,624,840

18

**EXHIBIT TO THE TESTIMONY OF
CARLOS ALDAZABAL**

DOCUMENT NO. 2

**PROJECTED FUEL AND PURCHASED POWER COST RECOVERY
JANUARY 2012 - DECEMBER 2012**

**SCHEDULES E1 THROUGH E10
SCHEDULE H1**

TAMPA ELECTRIC COMPANY

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PAGE NO.	DESCRIPTION	PERIOD
2	Schedule E1 Cost Recovery Clause Calculation	(JAN. 2012 - DEC. 2012)
3	Schedule E1-A Calculation of Total True-Up	(")
4	Schedule E1-C GPIF & True-Up Adj. Factors	(")
5	Schedule E1-D Fuel Adjustment Factor for TOD	(")
6	Schedule E1-E Fuel Recovery Factor-with Line Losses	(")
7	Schedule E2 Cost Recovery Clause Calculation (By Month)	(")
8-9	Schedule E3 Generating System Comparative Data	(")
10-21	Schedule E4 System Net Generation & Fuel Cost	(")
22-23	Schedule E5 Inventory Analysis	(")
24-25	Schedule E6 Power Sold	(")
26-27	Schedule E7 Purchased Power	(")
28	Schedule E8 Energy Payment to Qualifying Facilities	(")
29	Schedule E9 Economy Energy Purchases	(")
30	Schedule E10 Residential Bill Comparison	(")
31	Schedule H1 Generating System Comparative Data	(JAN. - DEC. 2009-2012)

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

SCHEDULE E1

	DOLLARS	MWH	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	800,026,687	19,243,810	4.15732
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4a. Adjustments to Fuel Cost	0	19,243,810 ⁽¹⁾	0.00000
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4a)	800,026,687	19,243,810	4.15732
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	18,485,740	318,850	5.79763
7. Energy Cost of Economy Purchases (E9)	20,741,040	480,000	4.32105
8. Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9. Energy Payments to Qualifying Facilities (E8)	11,459,630	224,630	5.10156
10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)	50,686,410	1,023,480	4.95236
11. TOTAL AVAILABLE KWH (LINE 5 + LINE 10)		20,267,290	
12. Fuel Cost of Schedule D Sales - Jurisd. (E6)	533,570	13,720	3.88899
13. Fuel Cost of Market Based Sales - Jurisd. (E6)	6,881,313	175,000	3.93218
14. Gains on Sales	688,887	NA	NA
15. TOTAL FUEL COST AND GAINS OF POWER SALES	8,103,770	188,720	4.29407
16. Net Inadvertant Interchange		0	
17. Wheeling Received Less Wheeling Delivered		0	
18. Interchange and Wheeling Losses		0	
19. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)	842,609,327	20,078,570	4.19656
20. Net Unbilled	NA ^{(1)(a)}	NA ^(a)	NA
21. Company Use	1,510,762 ⁽¹⁾	36,000	0.00792
22. T & D Losses	41,056,961 ⁽¹⁾	978,348	0.21536
23. System MWH Sales	842,609,327	19,064,222	4.41985
24. Wholesale MWH Sales	(888,271)	(19,969)	4.44825
25. Jurisdictional MWH Sales	841,721,056	19,044,253	4.41982
26. Jurisdictional Loss Multiplier			1.00010
27. Jurisdictional MWH Sales Adjusted for Line Loss	841,805,228	19,044,253	4.42026
28. True-up ⁽²⁾	(47,813,410)	19,044,253	(0.25106)
29. Total Jurisdictional Fuel Cost (Excl. GPIF)	793,991,818	19,044,253	4.16919
30. Revenue Tax Factor			1.00072
31. Fuel Factor (Excl. GPIF) Adjusted for Taxes	794,563,492	19,044,253	4.17219
32. GPIF Adjusted for Taxes ⁽²⁾	2,054,696	19,044,253	0.01079
33. Fuel Factor Adjusted for Taxes Including GPIF	796,618,188	19,044,253	4.18298
34. Fuel Factor Rounded to Nearest .001 cents per KWH			4.183

^(a) Data not available at this time.

⁽¹⁾ Included For Informational Purposes Only

⁽²⁾ Calculation Based on Jurisdictional MWH Sales

**TAMPA ELECTRIC COMPANY
CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP
FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012**

SCHEDULE E1-A

1. ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2011 - December 2011 (6 months actual, 6 months estimated)	\$42,726,419
2. FINAL TRUE-UP (January 2010 - December 2010) (Per True-Up filed March 1, 2011)	<u>5,086,991</u>
3. TOTAL OVER/(UNDER) RECOVERY (Line 1 + Line 2) To be included in the 12-month projected period January 2012 through December 2012 (Schedule E1, line 28)	<u>\$47,813,410</u>
4. JURISDICTIONAL MWH SALES (Projected January 2012 through December 2012)	19,044,253
5. TRUE-UP FACTOR - cents/kWh (Line 3 / Line 4 * 100 cents / 1,000 kWh)	(0.2511)

**TAMPA ELECTRIC COMPANY
INCENTIVE FACTOR AND TRUE-UP FACTOR
FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012**

SCHEDULE E1-C

1. TOTAL AMOUNT OF ADJUSTMENTS		
A. GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2012 through December 2012)	\$2,054,696	
B. TRUE-UP OVER / (UNDER) RECOVERED (January 2011 through December 2011)	\$47,813,410	
2. TOTAL SALES (January 2012 through December 2012)	19,044,253	MWh
3. ADJUSTMENT FACTORS		
A. GENERATING PERFORMANCE INCENTIVE FACTOR	0.0108	Cents/kWh
B. TRUE-UP FACTOR	(0.2511)	Cents/kWh

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DETERMINATION OF FUEL RECOVERY FACTOR
TIME OF USE RATE SCHEDULES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

SCHEDULE E1-D

			NET ENERGY FOR LOAD (%)	FUEL COST (%)
			ON PEAK	
			OFF PEAK	
			28.27	\$39.47
			71.73	\$34.78
			100.00	1.1348
		<u>TOTAL</u>	<u>ON PEAK</u>	<u>OFF PEAK</u>
1	Total Fuel & Net Power Trans (Jurisd)	(Sch E1 line 25)		
			\$841,721,056	
2	MWH Sales (Jurisd)	(Sch E1 line 25)		
			19,044,253	
2a	Effective MWH Sales (Jurisd)		19,013,721	
3	Cost Per KWH Sold	(line 1 / line 2)	4.4198	
4	Jurisdictional Loss Factor		1.00010	
5	Jurisdictional Fuel Factor		na	
6	True-Up	(Sch E1 line 28)	(\$47,813,410)	
7	TOTAL	(line 1 x line 4)+line 6	\$793,991,818	
8	Revenue Tax Factor		1.00072	
9	Recovery Factor	(line 7 x line 8) / line 2a / 10	4.1789	
10	GPIF Factor	(Sch E1-C line 3a)	0.0108	
11	Recovery Factor Including GPIF	(line 9 + line 10)	4.1897	4.5801
12	Recovery Factor Rounded to the Nearest .001 cents/KWH		4.190	4.580
			4.580	4.0359
			4.580	4.036
13	Hours: ON PEAK		25.27%	
14	OFF PEAK		74.73%	
			100.00%	

Jurisdictional Sales (MWH)

Metering Voltage:	Meter	Secondary
Distribution Secondary	16,737,624	16,737,624
Distribution Primary	1,560,016	1,544,416
Transmission	746,613	731,681
Total	19,044,253	19,013,721

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SCHEDULE E1-E

TAMPA ELECTRIC COMPANY
 FUEL COST RECOVERY FACTORS
 ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH DECEMBER 2012

METERING VOLTAGE LEVEL	LEVELIZED FUEL RECOVERY FACTOR cents/kWh	FIRST TIER (Up to 1000 kWh) cents/kWh	SECOND TIER (OVER 1000 kWh) cents/kWh
STANDARD			
Distribution Secondary (RS only)		3.840	4.840
Distribution Secondary	4.190		
Distribution Primary	4.148		
Transmission	4.106		
Lighting Service ⁽¹⁾	4.129		
TIME-OF-USE			
Distribution Secondary - On-Peak	4.580		
Distribution Secondary - Off-Peak	4.036		
Distribution Primary - On-Peak	4.534		
Distribution Primary - Off-Peak	3.996		
Transmission - On-Peak	4.488		
Transmission - Off-Peak	3.955		

(1) Lighting service is based on distribution secondary, 17% on-peak and 83% off-peak

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

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	Jan-12	Feb-12	Mar-12	Apr-12	May-12	ESTIMATED Jun-12	Jul-12	Aug-12	Sep-12	Oct-12	Nov-12	Dec-12	TOTAL PERIOD
1. Fuel Cost of System Net Generation	62,126,522	54,086,750	53,678,960	60,588,039	69,213,482	75,258,859	78,609,851	81,108,752	74,597,376	67,846,706	58,961,969	63,949,621	800,026,687
2. Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Fuel Cost of Power Sold ⁽¹⁾	833,830	702,480	171,370	662,700	724,000	736,760	762,580	807,580	588,490	525,500	684,080	884,400	8,103,770
4. Fuel Cost of Purchased Power	479,250	523,480	2,890,720	505,350	1,545,620	1,933,980	2,458,010	3,238,190	2,347,260	1,433,010	742,590	388,280	18,485,740
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	878,850	839,650	1,106,560	874,740	955,180	881,070	970,420	976,710	1,090,440	945,760	1,011,400	928,850	11,459,630
7. Energy Cost of Economy Purchases	419,890	1,637,980	4,648,220	1,508,050	1,347,440	1,344,010	1,711,220	1,473,100	2,292,110	2,662,270	1,388,780	308,170	20,741,040
8a. Adj. to Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
9. TOTAL FUEL & NET POWER TRANSACTIONS	63,070,482	56,386,380	62,153,090	62,813,479	72,337,722	78,680,959	82,966,921	85,989,172	79,738,696	72,362,246	61,420,659	64,690,521	842,609,327
10. Jurisdictional MWh Sold	1,496,179	1,354,985	1,327,566	1,390,649	1,534,258	1,775,270	1,849,797	1,863,031	1,885,287	1,688,519	1,449,275	1,429,437	19,044,253
11. Jurisdictional % of Total Sales	0.9997895	0.9999343	0.9999774	0.9998727	0.9987957	0.9980413	0.9979397	0.9975653	0.9983219	0.9986438	0.9998917	0.9999727	
12. Jurisdictional Total Fuel & Net Power Transactions (Line 9 * Line 11)	63,057,206	56,381,875	62,151,885	62,805,483	72,250,806	78,526,847	82,795,984	85,779,814	79,604,886	72,284,108	61,414,007	64,688,755	841,721,056
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. JURISD. TOTAL FUEL & NET PWR. TRANS. Adjusted for Line Losses (Line 12 * Line 13)	63,063,512	56,387,313	62,157,900	62,811,764	72,257,831	78,534,700	82,804,264	85,788,392	79,612,846	72,271,334	61,420,148	64,695,224	841,805,228
15. Cost Per kWh Sold (Cents/kWh)	4.2150	4.1615	4.6821	4.5167	4.7096	4.4238	4.4764	4.6048	4.2229	4.2802	4.2380	4.5259	4.4203
16. True-up (Cents/kWh) ⁽²⁾	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511	-0.2511
17. Total (Cents/kWh) (Line 15+16)	3.9639	3.9104	4.4310	4.2656	4.4585	4.1727	4.2253	4.3537	3.9718	4.0291	3.9869	4.2748	4.1692
18. 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
19. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	3.9668	3.9132	4.4342	4.2687	4.4617	4.1757	4.2283	4.3568	3.9747	4.0320	3.9898	4.2779	4.1722
20. GPIF Adjusted for Taxes (Cents/kWh) ⁽²⁾	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108	0.0108
21. TOTAL RECOVERY FACTOR (LINE 19+20)	3.9776	3.9240	4.4450	4.2795	4.4725	4.1865	4.2391	4.3676	3.9855	4.0428	4.0006	4.2887	4.1830
22. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH	3.978	3.924	4.445	4.280	4.473	4.187	4.239	4.368	3.986	4.043	4.001	4.289	4.183

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

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

SCHEDULE E3

	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	603,313	589,048	628,089	443,146	103,386	635,546
3. COAL	38,464,315	32,604,316	37,107,322	28,928,881	33,737,919	38,323,079
4. NATURAL GAS	23,058,894	20,893,386	15,943,549	31,216,212	35,372,177	36,300,034
5. NUCLEAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
7. TOTAL (\$)	62,126,522	54,086,750	53,678,960	60,588,039	69,213,482	75,258,659
SYSTEM NET GENERATION (MWH)						
8. HEAVY OIL	0	0	0	0	0	0
9. LIGHT OIL	2,580	2,500	2,680	1,890	440	2,670
10. COAL	1,066,920	895,360	1,023,260	783,040	962,430	1,056,750
11. NATURAL GAS	432,490	385,010	245,280	647,970	750,710	775,500
12. NUCLEAR	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0
14. TOTAL (MWH)	1,501,990	1,282,870	1,271,220	1,432,900	1,713,580	1,834,920
UNITS OF FUEL BURNED						
15. HEAVY OIL (BBL)	0	0	0	0	0	0
16. LIGHT OIL (BBL)	8,310	9,010	9,240	8,690	4,340	8,300
17. COAL (TON)	452,950	379,290	434,870	336,750	414,260	450,660
18. NATURAL GAS (MCF)	3,158,910	2,827,000	1,867,700	4,814,370	5,546,180	5,736,730
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	26,850	25,960	27,590	19,360	4,530	27,460
23. COAL	11,007,480	9,248,930	10,526,780	8,078,970	9,917,740	10,875,340
24. NATURAL GAS	3,242,600	2,905,320	1,915,210	4,948,610	5,701,150	5,896,880
25. NUCLEAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
27. TOTAL (MMBTU)	14,276,930	12,180,210	12,469,580	13,046,940	15,623,420	16,799,680
GENERATION MIX (% MWH)						
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.17	0.19	0.21	0.13	0.03	0.15
30. COAL	71.04	69.80	80.50	54.65	56.16	57.59
31. NATURAL GAS	28.79	30.01	19.29	45.22	43.81	42.26
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)	72.60	65.38	67.98	50.99	23.82	76.57
37. COAL (\$/TON)	84.92	85.96	85.33	85.91	81.44	85.04
38. NATURAL GAS (\$/MCF)	7.30	7.39	8.54	6.48	6.38	6.33
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	22.47	22.69	22.77	22.89	22.82	23.14
43. COAL	3.49	3.53	3.53	3.58	3.40	3.52
44. NATURAL GAS	7.11	7.19	8.32	6.31	6.20	6.16
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)	4.35	4.44	4.30	4.64	4.43	4.48
BTU BURNED PER KWH (BTU/KWH)						
48. HEAVY OIL	0	0	0	0	0	0
49. LIGHT OIL	10,407	10,384	10,295	10,243	10,295	10,285
50. COAL	10,317	10,330	10,287	10,317	10,305	10,291
51. NATURAL GAS	7,498	7,546	7,808	7,637	7,594	7,604
52. NUCLEAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	9,505	9,495	9,809	9,105	9,117	9,156
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	23.38	23.56	23.44	23.45	23.50	23.80
57. COAL	3.61	3.64	3.63	3.69	3.51	3.63
58. NATURAL GAS	5.33	5.43	6.50	4.82	4.71	4.68
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)	4.14	4.22	4.22	4.23	4.04	4.10

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

SCHEDULE E3

	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	553,164	699,157	659,296	706,030	539,535	679,391	6,939,101
3. COAL	39,586,541	39,530,103	35,054,823	35,492,847	35,584,325	34,915,431	429,329,702
4. NATURAL GAS	38,370,146	40,879,492	38,883,257	31,647,829	22,838,109	28,354,799	363,757,884
5. NUCLEAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	78,609,851	81,108,752	74,597,376	67,846,706	58,961,969	63,949,621	800,026,687
SYSTEM NET GENERATION (MWH)							
8. HEAVY OIL	0	0	0	0	0	0	0
9. LIGHT OIL	2,720	2,820	2,670	2,820	2,090	2,640	28,520
10. COAL	1,090,210	1,087,990	957,660	969,020	972,410	936,660	11,801,710
11. NATURAL GAS	821,460	875,420	837,090	644,930	433,350	564,370	7,413,580
12. NUCLEAR	0	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	1,914,390	1,966,230	1,797,420	1,616,770	1,407,850	1,503,670	19,243,810
UNITS OF FUEL BURNED							
15. HEAVY OIL (BBL)	0	0	0	0	0	0	0
16. LIGHT OIL (BBL)	8,390	8,680	9,240	8,650	8,320	10,180	101,350
17. COAL (TON)	464,960	463,540	406,090	412,030	415,730	400,360	5,031,490
18. NATURAL GAS (MCF)	6,077,320	6,552,290	6,190,680	4,853,070	3,235,910	4,064,370	54,924,530
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	27,930	29,190	27,400	29,100	21,760	27,340	294,470
23. COAL	11,221,960	11,197,750	9,841,030	9,986,660	10,045,750	9,681,980	121,630,370
24. NATURAL GAS	5,246,270	6,735,260	6,362,420	4,987,080	3,324,800	4,172,480	56,438,080
25. NUCLEAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	17,496,160	17,962,200	16,230,850	15,002,840	13,392,310	13,881,800	178,362,920
GENERATION MIX (% MWH)							
28. HEAVY OIL	0.00	0.00	0.00	0.00	0.00	0.00	0.00
29. LIGHT OIL	0.14	0.14	0.15	0.17	0.15	0.18	0.15
30. COAL	56.95	55.34	53.28	59.94	69.07	62.29	61.33
31. NATURAL GAS	42.91	44.52	46.57	39.89	30.78	37.53	38.52
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)	77.85	80.55	71.35	81.62	64.85	66.74	68.47
37. COAL (\$/TON)	85.14	85.28	86.32	86.14	85.59	87.21	85.33
38. NATURAL GAS (\$/MCF)	6.31	6.24	6.28	6.52	7.06	6.98	6.62
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	23.39	23.95	24.06	24.26	24.79	24.85	23.56
43. COAL	3.53	3.53	3.56	3.55	3.54	3.61	3.53
44. NATURAL GAS	6.14	6.07	6.11	6.35	6.87	6.80	6.45
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)	4.49	4.52	4.60	4.52	4.40	4.61	4.49
BTU BURNED PER KWH (BTU/KWH)							
48. HEAVY OIL	0	0	0	0	0	0	0
49. LIGHT OIL	10,268	10,351	10,262	10,319	10,411	10,356	10,325
50. COAL	10,293	10,292	10,276	10,306	10,331	10,337	10,306
51. NATURAL GAS	7,604	7,694	7,601	7,733	7,672	7,393	7,613
52. NUCLEAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	9,139	9,135	9,030	9,280	9,513	9,232	9,269
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	24.01	24.79	24.69	25.04	25.82	25.73	24.33
57. COAL	3.63	3.63	3.66	3.66	3.66	3.73	3.64
58. NATURAL GAS	4.67	4.67	4.65	4.91	5.27	5.02	4.91
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)	4.11	4.13	4.15	4.20	4.19	4.25	4.16

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	234,400	79.8	84.2	87.5	10,257	COAL	99,930	24,059,342	2,404,250.0	7,773,733	3.32	77.79
2. B.B.#2	395	245,670	83.6	85.7	91.7	10,252	COAL	101,550	24,801,379	2,518,580.0	7,899,756	3.22	77.79
3. B.B.#3	365	205,560	75.7	85.6	84.3	10,425	COAL	90,420	23,700,177	2,142,970.0	7,033,933	3.42	77.79
4. B.B.#4	427	254,950	80.3	87.8	87.0	10,300	COAL	111,410	23,570,416	2,625,980.0	8,710,924	3.42	78.19
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	3,560	-	-	459,554	-	129.09
5. B.B. COAL	1,582	940,580	79.9	85.9	87.7	10,304	-	-	-	9,691,780.0	31,877,900	3.39	-
6. POLK #1 GASIFIER	220	126,340	77.2	-	-	10,414	COAL	49,640	26,504,835	1,315,700.0	6,586,415	5.21	132.68
7. POLK #1 CT OIL	235	2,580	1.5	-	-	10,407	LGT OIL	4,750	5,652,632	26,850.0	603,313	23.38	127.01
8. POLK #1 TOTAL	220	128,920	78.8	87.9	88.9	10,414	-	-	-	1,342,550.0	7,189,728	5.58	-
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	2,560	1.9	99.2	99.9	11,523	GAS	28,700	1,027,875	29,500.0	209,500	8.18	7.30
16. POLK #5 CT GAS	183	1,790	1.3	99.2	97.8	11,799	GAS	20,920	1,009,560	21,120.0	152,708	8.53	7.30
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	226,950	38.5	97.3	70.9	7,492	GAS	1,658,670	1,025,123	1,700,340.0	12,107,688	5.33	7.30
19. BAYSIDE #2	1,047	199,950	25.7	96.8	76.8	7,389	GAS	1,436,820	1,028,271	1,477,440.0	10,488,263	5.25	7.30
20. BAYSIDE #3	61	270	0.6	98.6	88.5	11,148	GAS	2,930	1,027,304	3,010.0	21,388	7.92	7.30
21. BAYSIDE #4	61	260	0.6	98.6	85.2	11,154	GAS	2,820	1,028,369	2,900.0	20,585	7.92	7.30
22. BAYSIDE #5	61	430	0.9	98.6	64.1	11,953	GAS	5,000	1,028,000	5,140.0	36,498	8.49	7.30
23. BAYSIDE #6	61	280	0.6	98.6	91.8	11,250	GAS	3,050	1,032,787	3,150.0	22,264	7.95	7.30
24. BAYSIDE TOTAL	2,083	428,140	27.6	97.2	73.6	7,455	GAS	3,109,290	1,026,594	3,191,980.0	22,696,686	5.30	7.30
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	4,692	1,501,990	43.0	84.0	83.3	9,505	-	-	-	14,276,930.0	62,126,522	4.14	-

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	219,490	79.8	84.2	87.6	10,261	COAL	93,930	23,978,388	2,252,290.0	7,297,683	3.32	77.69
2. B.B.#2	395	228,760	83.2	85.7	91.3	10,253	COAL	94,580	24,799,218	2,345,510.0	7,348,184	3.21	77.69
3. B.B.#3	365	192,150	75.6	85.6	84.2	10,425	COAL	84,430	23,725,927	2,003,180.0	6,559,602	3.41	77.69
4. B.B.#4	427	133,880	45.0	57.5	74.5	10,426	COAL	59,410	23,495,539	1,395,870.0	4,659,870	3.48	78.44
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	4,450	-	-	582,724	-	130.95
5. B.B. COAL	1,582	774,280	70.3	77.7	85.2	10,328	-	-	-	7,996,850.0	26,448,063	3.42	-
6. POLK #1 GASIFIER	220	121,080	79.1	-	-	10,341	COAL	46,940	26,674,052	1,252,080.0	6,156,253	5.08	131.15
7. POLK #1 CT OIL	235	2,470	1.5	-	-	10,344	LGT OIL	4,490	5,690,423	25,550.0	579,643	23.47	129.10
8. POLK #1 TOTAL	220	123,550	80.7	87.9	91.2	10,341	-	-	-	1,277,630.0	6,735,896	5.45	-
9. POLK #2 CT GAS	183	240	0.2	-	-	12,042	GAS	2,810	1,028,470	2,890.0	20,768	8.65	7.39
10. POLK #2 CT OIL	187	10	0.0	-	-	15,000	LGT OIL	30	5,000,000	150.0	3,873	38.73	129.10
11. POLK #2 TOTAL	187	250	0.2	98.3	66.8	12,160	-	-	-	3,040.0	24,641	9.86	-
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	6,890	5.4	99.2	85.6	11,659	GAS	78,400	1,024,617	80,330.0	579,427	8.41	7.39
16. POLK #5 CT GAS	183	3,180	2.5	99.2	91.5	11,623	GAS	36,040	1,025,527	36,960.0	266,359	8.38	7.39
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	297,010	53.9	97.3	77.0	7,404	GAS	2,139,610	1,027,767	2,199,020.0	15,813,123	5.32	7.39
19. BAYSIDE #2	1,047	73,970	10.2	33.4	79.4	7,354	GAS	529,170	1,028,044	544,010.0	3,910,914	5.29	7.39
20. BAYSIDE #3	61	690	1.6	98.6	94.3	10,942	GAS	7,350	1,027,211	7,550.0	54,321	7.87	7.39
21. BAYSIDE #4	61	640	1.5	98.6	95.4	10,938	GAS	6,820	1,026,393	7,000.0	50,404	7.88	7.39
22. BAYSIDE #5	61	1,250	2.9	98.6	73.2	11,384	GAS	13,840	1,028,179	14,230.0	102,287	8.18	7.39
23. BAYSIDE #6	61	920	2.2	98.6	79.4	11,413	GAS	10,210	1,028,404	10,500.0	75,459	8.20	7.39
24. BAYSIDE TOTAL	2,083	374,480	25.8	65.3	77.5	7,430	GAS	2,707,000	1,027,820	2,782,310.0	20,006,508	5.34	7.39
25. B.B.C.T.#4 OIL	61	20	0.0	-	-	13,000	LGT OIL	40	6,500,000	260.0	5,532	27.66	138.30
26. B.B.C.T.#4 GAS	61	220	0.5	-	-	12,864	GAS	2,750	1,029,091	2,830.0	20,324	9.24	7.39
27. B.B.C.T.#4 TOTAL	61	240	0.6	99.5	98.4	12,875	-	-	-	3,090.0	25,856	10.77	-
28. SYSTEM	4,692	1,282,870	39.3	72.3	83.3	9,495	-	-	-	12,180,210.0	54,086,750	4.22	-

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	239,230	81.4	84.2	89.3	10,251	COAL	102,450	23,938,019	2,452,450.0	8,019,114	3.35	78.27
2. B.B.#2	395	246,860	84.0	85.7	92.2	10,251	COAL	102,040	24,798,902	2,530,480.0	7,987,021	3.24	78.27
3. B.B.#3	365	141,330	52.0	58.0	85.5	10,414	COAL	62,770	23,447,507	1,471,800.0	4,913,224	3.48	78.27
4. B.B.#4	427	264,580	83.3	87.8	90.3	10,281	COAL	115,620	23,527,158	2,720,210.0	9,094,117	3.44	78.66
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	4,450	-	-	590,083	-	132.60
5. B.B. COAL	1,582	892,000	75.8	79.5	89.7	10,286	-	-	-	9,174,940.0	30,603,559	3.43	-
6. POLK #1 GASIFIER	220	131,260	80.2	-	-	10,299	COAL	51,990	26,001,923	1,351,840.0	6,503,763	4.95	125.10
7. POLK #1 CT OIL	235	2,680	1.5	-	-	10,295	LGT OIL	4,790	5,759,916	27,590.0	628,089	23.44	131.13
8. POLK #1 TOTAL	220	133,940	81.8	87.9	92.4	10,299	-	-	-	1,379,430.0	7,131,852	5.32	-
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	16,990	12.5	99.2	88.4	11,431	GAS	192,160	1,010,658	194,210.0	1,640,366	9.65	8.54
16. POLK #5 CT GAS	183	4,850	3.6	99.2	88.3	11,816	GAS	55,880	1,025,591	57,310.0	477,017	9.84	8.54
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	220,840	37.5	75.3	76.4	7,398	GAS	1,590,510	1,027,180	1,633,740.0	13,577,327	6.15	8.54
19. BAYSIDE #2	1,047	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
20. BAYSIDE #3	61	370	0.8	98.6	86.7	11,459	GAS	4,130	1,026,634	4,240.0	35,256	9.53	8.54
21. BAYSIDE #4	61	110	0.2	98.6	90.2	11,727	GAS	1,260	1,023,810	1,290.0	10,756	9.78	8.54
22. BAYSIDE #5	61	1,440	3.2	98.6	65.6	11,403	GAS	15,980	1,027,534	16,420.0	136,413	9.47	8.54
23. BAYSIDE #6	61	680	1.5	98.6	50.7	11,765	GAS	7,780	1,028,278	8,000.0	66,414	9.77	8.54
24. BAYSIDE TOTAL	2,083	223,440	14.4	40.2	76.2	7,446	GAS	1,619,660	1,027,185	1,663,690.0	13,826,166	6.19	8.54
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	4,692	1,271,220	36.4	56.5	87.3	9,809	-	-	-	12,469,580.0	53,678,960	4.22	-

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	117,500	42.4	44.9	87.2	10,250	COAL	50,390	23,900,972	1,204,370.0	3,967,036	3.38	78.73
2. B.B.#2	385	119,620	43.2	45.7	88.8	10,279	COAL	49,580	24,799,919	1,229,580.0	3,903,267	3.26	78.73
3. B.B.#3	365	205,110	78.0	85.6	86.9	10,414	COAL	91,090	23,449,116	2,135,980.0	7,171,210	3.50	78.73
4. B.B.#4	417	249,270	83.0	87.8	90.0	10,326	COAL	109,630	23,478,154	2,573,910.0	8,699,944	3.49	79.36
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	5,340	-	-	717,116	-	134.29
5. B.B. COAL	1,562	691,500	61.9	66.2	88.4	10,331	-	-	-	7,143,840.0	24,458,573	3.54	-
6. POLK #1 GASIFIER	220	91,540	57.8	-	-	10,216	COAL	36,060	25,932,612	935,130.0	4,470,108	4.88	123.96
7. POLK #1 CT OIL	215	1,870	1.2	-	-	10,203	LGT OIL	3,300	5,781,818	19,080.0	436,532	23.34	132.28
8. POLK #1 TOTAL	220	93,410	59.0	61.5	95.0	10,215	-	-	-	954,210.0	4,906,640	5.25	-
9. POLK #2 CT GAS	151	440	0.4	-	-	14,409	GAS	6,170	1,027,553	6,340.0	40,006	9.09	6.48
10. POLK #2 CT OIL	159	20	0.0	-	-	14,000	LGT OIL	50	5,600,000	280.0	6,614	33.07	132.28
11. POLK #2 TOTAL	159	460	0.4	98.3	72.3	14,391	-	-	-	6,620.0	46,620	10.13	-
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	9,570	8.8	99.2	91.9	11,933	GAS	111,080	1,028,088	114,200.0	720,239	7.53	6.48
16. POLK #5 CT GAS	151	4,600	4.2	99.2	98.3	11,848	GAS	53,030	1,027,720	54,500.0	343,845	7.47	6.48
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	245,810	48.7	97.3	84.0	7,551	GAS	1,809,780	1,025,605	1,856,120.0	11,734,552	4.77	6.48
19. BAYSIDE #2	929	384,750	57.5	77.5	85.3	7,502	GAS	2,804,070	1,029,354	2,886,380.0	18,181,495	4.73	6.48
20. BAYSIDE #3	56	390	1.0	88.8	99.5	11,308	GAS	4,300	1,025,581	4,410.0	27,881	7.15	6.48
21. BAYSIDE #4	56	60	0.1	98.6	107.1	11,000	GAS	650	1,015,385	660.0	4,215	7.03	6.48
22. BAYSIDE #5	56	1,510	3.7	98.6	99.9	11,020	GAS	16,190	1,027,795	16,640.0	104,975	6.95	6.48
23. BAYSIDE #6	56	840	2.1	98.6	100.0	11,143	GAS	9,100	1,028,571	9,360.0	59,004	7.02	6.48
24. BAYSIDE TOTAL	1,854	633,360	47.4	87.2	84.8	7,537	GAS	4,644,090	1,027,881	4,773,570.0	30,112,122	4.75	6.48
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	4,308	1,432,900	46.2	75.1	87.2	9,105	-	-	-	13,046,940.0	60,588,039	4.23	-

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	236,480	82.6	84.2	90.6	10,229	COAL	101,220	23,899,032	2,419,060.0	7,989,820	3.38	78.94
2. B.B.#2	385	242,230	84.6	85.7	92.8	10,254	COAL	100,150	24,800,799	2,483,800.0	7,905,360	3.26	78.94
3. B.B.#3	365	208,120	76.6	85.6	85.4	10,424	COAL	92,510	23,450,438	2,169,400.0	7,302,295	3.51	78.94
4. B.B.#4	417	253,910	81.8	73.6	88.8	10,333	COAL	111,810	23,464,270	2,623,540.0	8,869,886	3.49	79.33
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	3,560	-	-	481,583	-	135.28
5. B.B. COAL	1,552	940,740	81.5	82.1	89.4	10,307		-	-	9,695,800.0	32,548,944	3.46	-
6. POLK #1 GASIFIER	220	21,690	13.3	-	-	10,232	COAL	8,570	25,897,316	221,940.0	1,188,975	5.48	138.74
7. POLK #1 CT OIL	215	440	0.3	-	-	10,295	LGT OIL	780	5,807,692	4,530.0	103,386	23.50	132.55
8. POLK #1 TOTAL	220	22,130	13.5	14.2	94.0	10,234		-	-	226,470.0	1,292,361	6.84	-
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	6,950	6.2	99.2	100.1	11,668	GAS	78,880	1,028,017	81,090.0	503,077	7.24	6.38
16. POLK #5 CT GAS	151	3,020	2.7	99.2	100.0	11,904	GAS	34,980	1,027,730	35,950.0	223,094	7.39	6.38
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	254,440	48.8	97.3	85.8	7,553	GAS	1,873,590	1,025,667	1,921,680.0	11,949,298	4.70	6.38
19. BAYSIDE #2	929	482,350	69.8	96.8	86.6	7,501	GAS	3,515,790	1,029,160	3,618,310.0	22,422,847	4.65	6.38
20. BAYSIDE #3	56	390	0.9	92.2	99.5	11,462	GAS	4,360	1,025,229	4,470.0	27,807	7.13	6.38
21. BAYSIDE #4	56	60	0.1	82.7	107.1	11,000	GAS	650	1,015,385	660.0	4,146	6.91	6.38
22. BAYSIDE #5	56	2,440	5.9	82.7	99.0	11,135	GAS	26,430	1,027,998	27,170.0	168,564	6.91	6.38
23. BAYSIDE #6	56	1,060	2.5	82.7	99.6	11,151	GAS	11,500	1,027,826	11,820.0	73,344	6.92	6.38
24. BAYSIDE TOTAL	1,854	740,740	53.7	95.6	86.4	7,539	GAS	5,432,320	1,027,942	5,584,110.0	34,646,006	4.68	6.38
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	4,308	1,713,580	53.5	78.4	88.2	9,117		-	-	15,623,420.0	69,213,482	4.04	-

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	230,820	83.3	84.2	91.4	10,226	COAL	98,760	23,901,073	2,360,470.0	7,813,170	3.38	79.11
2. B.B.#2	385	235,280	84.9	85.7	93.2	10,252	COAL	97,260	24,800,432	2,412,090.0	7,694,501	3.27	79.11
3. B.B.#3	365	208,550	79.4	85.6	88.3	10,405	COAL	92,410	23,481,441	2,169,920.0	7,310,804	3.51	79.11
4. B.B.#4	417	253,380	84.4	87.8	91.5	10,309	COAL	111,260	23,476,991	2,612,050.0	8,846,220	3.49	79.51
B.B. IGNITION							LGT OIL	3,560	-	-	484,739	-	136.16
5. B.B. COAL	1,552	928,030	83.0	85.9	91.1	10,295				9,554,530.0	32,149,434	3.46	-
6. POLK #1 GASIFIER	220	128,720	81.3	-	-	10,261	COAL	50,970	25,913,479	1,320,810.0	6,173,645	4.80	121.12
7. POLK #1 CT OIL	215	2,630	1.7	-	-	10,251	LGT OIL	4,660	5,785,408	26,960.0	624,403	23.74	133.99
8. POLK #1 TOTAL	220	131,350	82.9	87.9	93.6	10,261				1,347,770.0	6,798,048	5.18	-
9. POLK #2 CT GAS	151	220	0.2	-	-	14,409	GAS	3,090	1,025,890	3,170.0	19,552	8.89	6.33
10. POLK #2 CT OIL	159	10	0.0	-	-	14,000	LGT OIL	20	7,000,000	140.0	2,679	26.79	133.95
11. POLK #2 TOTAL	159	230	0.2	98.3	72.3	14,391				3,310.0	22,231	9.67	-
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	8,880	8.2	99.2	99.7	11,649	GAS	100,630	1,027,924	103,440.0	636,752	7.17	6.33
16. POLK #5 CT GAS	151	4,220	3.9	99.2	99.8	11,855	GAS	48,660	1,028,155	50,030.0	307,904	7.30	6.33
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	270,510	53.6	97.3	87.6	7,532	GAS	1,985,870	1,025,953	2,037,410.0	12,565,895	4.65	6.33
19. BAYSIDE #2	929	485,740	72.6	96.8	87.5	7,486	GAS	3,533,890	1,029,019	3,636,440.0	22,361,228	4.60	6.33
20. BAYSIDE #3	56	1,000	2.5	98.6	94.0	11,180	GAS	10,880	1,027,574	11,180.0	68,845	6.88	6.33
21. BAYSIDE #4	56	520	1.3	98.6	92.9	11,308	GAS	5,720	1,027,972	5,880.0	36,194	6.96	6.33
22. BAYSIDE #5	56	2,510	6.2	98.6	97.4	11,072	GAS	27,040	1,027,737	27,790.0	171,100	6.82	6.33
23. BAYSIDE #6	56	1,600	4.0	98.6	95.2	11,119	GAS	17,300	1,028,324	17,790.0	109,468	6.84	6.33
24. BAYSIDE TOTAL	1,854	761,880	57.1	97.2	87.6	7,529	GAS	5,580,700	1,027,916	5,736,490.0	35,312,730	4.63	6.33
25. B.B.C.T.#4 OIL	56	30	0.1	-	-	12,000	LGT OIL	60	6,000,000	360.0	8,464	28.21	141.07
26. B.B.C.T.#4 GAS	56	300	0.7	-	-	12,500	GAS	3,650	1,027,397	3,750.0	23,096	7.70	6.33
27. B.B.C.T.#4 TOTAL	56	330	0.8	99.5	98.2	12,455				4,110.0	31,560	9.56	-
28. SYSTEM	4,308	1,834,920	59.2	89.1	89.9	9,156				18,789,680.0	75,258,659	4.10	-

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

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JULY 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	238,010	83.1	84.2	91.2	10,227	COAL	101,850	23,900,049	2,434,220.0	8,075,975	3.39	79.29
2. B.B.#2	385	243,180	84.9	85.7	93.2	10,252	COAL	100,530	24,798,767	2,493,020.0	7,971,308	3.28	79.29
3. B.B.#3	365	213,860	78.8	85.6	87.7	10,409	COAL	94,810	23,478,325	2,225,980.0	7,517,753	3.52	79.29
4. B.B.#4	417	262,570	84.6	87.8	91.8	10,310	COAL	115,170	23,504,124	2,706,970.0	9,226,297	3.51	80.11
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	3,560	-	-	487,642	-	136.98
5. B.B. COAL	1,552	957,620	82.9	85.9	91.0	10,297	-	-	-	9,860,190.0	33,278,975	3.48	-
6. POLK #1 GASIFIER	220	132,590	81.0	-	-	10,271	COAL	52,600	25,889,163	1,361,770.0	6,307,566	4.76	119.92
7. POLK #1 CT OIL	215	2,710	1.7	-	-	10,255	LGT OIL	4,810	5,777,547	27,790.0	650,460	24.00	135.23
8. POLK #1 TOTAL	220	135,300	82.7	87.9	93.3	10,270	-	-	-	1,389,560.0	6,958,026	5.14	-
9. POLK #2 CT GAS	151	210	0.2	-	-	14,667	GAS	3,000	1,026,667	3,080.0	18,941	9.02	6.31
10. POLK #2 CT OIL	159	10	0.0	-	-	14,000	LGT OIL	20	7,000,000	140.0	2,704	27.04	135.20
11. POLK #2 TOTAL	159	220	0.2	98.3	69.2	14,636	-	-	-	3,220.0	21,645	9.84	-
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	11,900	10.6	99.2	99.8	11,755	GAS	136,080	1,027,925	139,880.0	859,163	7.22	6.31
16. POLK #5 CT GAS	151	5,590	5.0	99.2	100.1	11,780	GAS	64,060	1,027,943	65,850.0	404,453	7.24	6.31
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	290,160	55.6	97.3	88.6	7,516	GAS	2,124,940	1,026,307	2,180,840.0	13,416,154	4.62	6.31
19. BAYSIDE #2	929	510,010	73.8	96.8	87.7	7,483	GAS	3,710,100	1,028,652	3,816,400.0	23,424,319	4.59	6.31
20. BAYSIDE #3	56	340	0.8	98.6	101.2	11,559	GAS	3,830	1,026,110	3,930.0	24,181	7.11	6.31
21. BAYSIDE #4	56	60	0.1	98.6	107.1	10,167	GAS	600	1,016,667	610.0	3,788	6.31	6.31
22. BAYSIDE #5	56	2,350	5.6	98.6	99.9	11,145	GAS	25,480	1,027,865	26,190.0	160,872	6.85	6.31
23. BAYSIDE #6	56	840	2.0	98.6	100.0	11,298	GAS	9,230	1,028,169	9,490.0	58,275	6.94	6.31
24. BAYSIDE TOTAL	1,854	803,760	58.3	97.2	88.1	7,512	GAS	5,874,180	1,027,796	6,037,460.0	37,087,589	4.61	6.31
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	4,308	1,914,390	59.7	87.8	90.0	9,139	-	-	-	17,496,160.0	78,609,851	4.11	-

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

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	237,600	82.9	84.2	91.0	10,228	COAL	101,410	23,963,416	2,430,130.0	8,063,355	3.39	79.51
2. B.B.#2	385	243,080	84.9	85.7	93.1	10,252	COAL	100,490	24,799,582	2,492,110.0	7,990,203	3.29	79.51
3. B.B.#3	365	212,410	78.2	85.6	87.1	10,412	COAL	93,330	23,697,311	2,211,670.0	7,420,894	3.49	79.51
4. B.B.#4	417	261,420	84.3	87.8	91.4	10,311	COAL	114,730	23,494,117	2,695,480.0	9,166,602	3.51	79.90
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	3,560	-	-	490,433	-	137.76
5. B.B. COAL	1,562	954,510	82.7	85.9	90.7	10,298	-	-	-	9,829,390.0	33,131,487	3.47	-
6. POLK #1 GASIFIER	220	133,480	81.5	-	-	10,251	COAL	53,580	25,538,634	1,368,360.0	6,398,616	4.79	119.42
7. POLK #1 CT OIL	215	2,720	1.7	-	-	10,268	LGT OIL	4,900	5,700,000	27,930.0	668,760	24.59	136.48
8. POLK #1 TOTAL	220	136,200	83.2	87.9	93.9	10,252	-	-	-	1,396,290.0	7,067,376	5.19	-
9. POLK #2 CT GAS	151	1,230	1.1	-	-	13,317	GAS	15,930	1,028,249	16,380.0	99,387	8.08	6.24
10. POLK #2 CT OIL	159	60	0.1	-	-	13,000	LGT OIL	140	5,571,429	780.0	19,107	31.85	136.48
11. POLK #2 TOTAL	159	1,290	1.1	98.3	73.8	13,302	-	-	-	17,160.0	118,494	9.19	-
12. POLK #3 CT GAS	151	170	0.2	-	-	16,353	GAS	2,700	1,029,630	2,780.0	16,845	9.91	6.24
13. POLK #3 CT OIL	159	10	0.0	-	-	12,000	LGT OIL	20	8,000,000	120.0	2,730	27.30	136.50
14. POLK #3 TOTAL	159	180	0.2	98.3	56.6	16,111	-	-	-	2,900.0	19,575	10.88	-
15. POLK #4 CT GAS	151	19,880	17.7	99.2	99.7	11,631	GAS	224,930	1,027,964	231,220.0	1,403,330	7.06	6.24
16. POLK #5 CT GAS	151	12,830	11.4	99.2	100.0	11,714	GAS	146,190	1,028,046	150,290.0	912,074	7.11	6.24
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	305,060	58.5	97.3	88.8	7,507	GAS	2,233,460	1,025,337	2,290,050.0	13,934,473	4.57	6.24
19. BAYSIDE #2	929	526,270	76.1	96.8	87.8	7,476	GAS	3,821,890	1,029,391	3,934,220.0	23,844,628	4.53	6.24
20. BAYSIDE #3	56	1,740	4.2	98.6	100.2	10,948	GAS	18,520	1,028,618	19,050.0	115,546	6.64	6.24
21. BAYSIDE #4	56	670	1.6	98.6	99.7	11,164	GAS	7,270	1,028,886	7,480.0	45,357	6.77	6.24
22. BAYSIDE #5	56	4,220	10.1	98.6	99.2	11,005	GAS	45,180	1,027,888	46,440.0	281,876	6.68	6.24
23. BAYSIDE #6	56	3,050	7.3	98.6	95.6	11,016	GAS	32,690	1,027,837	33,600.0	203,952	6.69	6.24
24. BAYSIDE TOTAL	1,854	841,010	61.0	97.2	88.2	7,528	GAS	6,159,010	1,027,899	6,330,840.0	38,425,832	4.57	6.24
25. B.B.C.T.#4 OIL	56	30	0.1	-	-	12,000	LGT OIL	60	5,000,000	360.0	8,560	28.53	142.67
26. B.B.C.T.#4 GAS	56	300	0.7	-	-	12,500	GAS	3,530	1,062,323	3,750.0	22,024	7.34	6.24
27. B.B.C.T.#4 TOTAL	56	330	0.8	99.5	98.2	12,455	-	-	-	4,110.0	30,584	9.27	-
28. SYSTEM	4,308	1,966,230	61.3	92.7	90.0	9,135	-	-	-	17,962,200.0	81,108,752	4.13	-

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

36

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

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPABILITY (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	229,820	82.9	84.2	91.0	10,228	COAL	98,140	23,951,702	2,350,620.0	7,806,737	3.40	79.55
2. B.B.#2	385	235,670	85.0	85.7	93.3	10,251	COAL	97,410	24,799,815	2,415,750.0	7,748,667	3.29	79.55
3. B.B.#3	365	105,840	40.3	45.7	84.1	10,423	COAL	46,480	23,735,370	1,103,220.0	3,697,342	3.49	79.55
4. B.B.#4	417	255,920	85.2	87.8	92.4	10,309	COAL	112,020	23,551,419	2,638,230.0	8,979,990	3.51	80.16
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	4,450	-	-	617,055	-	138.66
5. B.B. COAL	1,552	827,250	74.0	76.5	91.1	10,284	-	-	-	8,507,820.0	28,849,791	3.49	-
6. POLK #1 GASIFIER	220	130,410	82.3	-	-	10,223	COAL	52,040	25,618,947	1,333,210.0	6,205,032	4.76	119.24
7. POLK #1 CT OIL	215	2,660	1.7	-	-	10,229	LGT OIL	4,760	5,716,387	27,210.0	655,169	24.63	137.64
8. POLK #1 TOTAL	220	133,070	84.0	87.9	94.8	10,223	-	-	-	1,360,420.0	6,860,201	5.16	-
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	280	0.3	-	-	14,607	GAS	3,980	1,027,638	4,090.0	24,998	8.93	6.28
13. POLK #3 CT OIL	159	10	0.0	-	-	19,000	LGT OIL	30	6,333,333	190.0	4,127	41.27	137.57
14. POLK #3 TOTAL	159	290	0.3	98.3	60.8	14,759	-	-	-	4,280.0	29,125	10.04	-
15. POLK #4 CT GAS	151	11,970	11.0	99.2	99.1	11,647	GAS	135,610	1,028,022	139,410.0	851,758	7.12	6.28
16. POLK #5 CT GAS	151	6,640	6.1	99.2	99.9	11,702	GAS	75,580	1,028,050	77,700.0	474,713	7.15	6.28
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	285,610	56.6	97.3	88.3	7,502	GAS	2,089,180	1,025,532	2,142,520.0	13,122,003	4.59	6.28
19. BAYSIDE #2	929	525,900	78.6	96.8	88.3	7,463	GAS	3,814,170	1,028,939	3,924,550.0	23,956,552	4.56	6.28
20. BAYSIDE #3	56	1,180	2.9	98.6	100.3	11,093	GAS	12,740	1,027,473	13,090.0	80,019	6.78	6.28
21. BAYSIDE #4	56	500	1.2	98.6	99.2	11,360	GAS	5,530	1,027,125	5,680.0	34,734	6.95	6.28
22. BAYSIDE #5	56	3,390	8.4	98.6	99.2	11,074	GAS	36,530	1,027,649	37,540.0	229,443	6.77	6.28
23. BAYSIDE #6	56	1,620	4.0	98.6	99.8	11,012	GAS	17,360	1,027,650	17,840.0	109,037	6.73	6.28
24. BAYSIDE TOTAL	1,854	818,200	61.3	97.2	88.4	7,506	GAS	5,975,510	1,027,732	6,141,220.0	37,531,788	4.59	6.28
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	4,308	1,797,420	57.9	84.4	90.2	9,030	-	-	-	16,230,850.0	74,597,376	4.15	-

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

37

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: OCTOBER 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	235,260	82.1	84.2	90.1	10,237	COAL	100,540	23,954,048	2,408,340.0	8,018,813	3.41	79.76
2. B.B.#2	385	240,500	84.0	85.7	92.1	10,260	COAL	99,500	24,798,593	2,467,460.0	7,935,865	3.30	79.76
3. B.B.#3	365	208,690	76.8	85.6	85.6	10,422	COAL	91,910	23,664,237	2,174,980.0	7,330,506	3.51	79.76
4. B.B.#4	417	151,860	48.9	53.8	86.5	10,360	COAL	66,850	23,534,331	1,573,270.0	5,375,927	3.54	80.42
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	3,560	-	-	496,130	-	139.36
5. B.B. COAL	1,552	836,310	72.4	76.7	88.8	10,312	-	-	-	8,624,050.0	29,157,241	3.49	-
6. POLK #1 GASIFIER	220	132,710	81.1	-	-	10,268	COAL	53,230	25,598,535	1,362,610.0	6,335,606	4.77	119.02
7. POLK #1 CT OIL	215	2,710	1.7	-	-	10,262	LGT OIL	4,870	5,710,472	27,810.0	675,191	24.91	138.64
8. POLK #1 TOTAL	220	135,420	82.7	87.9	93.4	10,267	-	-	-	1,390,420.0	7,010,797	5.18	-
9. POLK #2 CT GAS	151	1,460	1.3	-	-	13,110	GAS	18,620	1,027,927	19,140.0	121,425	8.32	6.52
10. POLK #2 CT OIL	159	80	0.1	-	-	11,625	LGT OIL	160	5,812,500	930.0	22,183	27.73	138.64
11. POLK #2 TOTAL	159	1,540	1.3	44.4	74.5	13,032	-	-	-	20,070.0	143,608	9.33	-
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	12,080	10.8	99.2	100.0	11,493	GAS	136,230	1,019,159	138,840.0	888,383	7.35	6.52
16. POLK #5 CT GAS	151	8,760	7.8	99.2	100.0	11,530	GAS	98,250	1,027,990	101,000.0	640,708	7.31	6.52
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	145,470	27.9	75.3	79.3	7,640	GAS	1,083,450	1,025,788	1,111,390.0	7,065,392	4.86	6.52
19. BAYSIDE #2	929	468,900	67.8	96.8	85.3	7,519	GAS	3,428,160	1,028,508	3,525,890.0	22,355,709	4.77	6.52
20. BAYSIDE #3	56	1,570	3.8	98.6	100.1	10,981	GAS	16,770	1,028,026	17,240.0	109,360	6.97	6.52
21. BAYSIDE #4	56	900	2.2	98.6	100.4	10,989	GAS	9,620	1,028,067	9,890.0	62,734	6.97	6.52
22. BAYSIDE #5	56	3,140	7.5	98.6	100.1	10,917	GAS	33,350	1,027,886	34,280.0	217,482	8.93	6.52
23. BAYSIDE #6	56	2,350	5.6	98.6	99.9	10,919	GAS	24,970	1,027,633	25,660.0	162,834	6.93	6.52
24. BAYSIDE TOTAL	1,854	622,330	45.1	88.9	84.0	7,591	GAS	4,596,320	1,027,855	4,724,350.0	29,973,511	4.82	6.52
25. B.B.C.T.#4 OIL	56	30	0.1	-	-	12,000	LGT OIL	60	6,000,000	360.0	8,656	28.85	144.27
26. B.B.C.T.#4 GAS	56	300	0.7	-	-	12,500	GAS	3,650	1,027,397	3,750.0	23,802	7.93	6.52
27. B.B.C.T.#4 TOTAL	56	330	0.8	99.5	98.2	12,455	-	-	-	4,110.0	32,458	9.84	-
28. SYSTEM	4,308	1,616,770	50.4	80.3	87.4	9,280	-	-	-	15,002,840.0	67,846,706	4.20	-

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

38

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 CAPABILITY (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	227,270	82.0	84.2	90.0	10,233	COAL	97,070	23,957,968	2,325,600.0	7,752,731	3.41	79.87
2. B.B.#2	385	233,020	84.1	85.7	92.3	10,257	COAL	96,370	24,800,353	2,390,010.0	7,696,823	3.30	79.87
3. B.B.#3	365	195,000	74.2	85.6	82.6	10,442	COAL	85,610	23,785,189	2,036,250.0	6,837,450	3.51	79.87
4. B.B.#4	417	214,490	71.4	81.9	83.1	10,385	COAL	94,420	23,591,400	2,227,500.0	7,585,224	3.54	80.33
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	4,450	-	-	623,735	-	140.17
5. B.B. COAL	1,552	869,780	77.8	84.3	87.0	10,324				8,979,360.0	30,495,963	3.51	-
6. POLK #1 GASIFIER	220	102,630	64.8	-	-	10,391	COAL	42,260	25,234,027	1,066,390.0	5,088,362	4.96	120.41
7. POLK #1 CT OIL	215	2,090	1.4	-	-	10,411	LGT OIL	3,870	5,622,739	21,760.0	539,535	25.82	139.41
8. POLK #1 TOTAL	220	104,720	66.1	73.2	89.6	10,391				1,088,150.0	5,627,897	5.37	-
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	4,800	4.4	89.3	99.3	11,571	GAS	54,030	1,027,947	55,540.0	381,328	7.94	7.06
16. POLK #5 CT GAS	151	1,690	1.6	89.3	86.1	12,089	GAS	19,890	1,027,149	20,430.0	140,378	8.31	7.06
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	202,950	40.2	97.3	79.5	7,611	GAS	1,503,410	1,027,458	1,544,690.0	10,610,629	5.23	7.06
19. BAYSIDE #2	929	222,990	33.3	74.2	80.9	7,595	GAS	1,648,410	1,027,469	1,693,690.0	11,633,997	5.22	7.06
20. BAYSIDE #3	56	60	0.1	98.6	107.1	11,000	GAS	650	1,015,385	660.0	4,588	7.65	7.06
21. BAYSIDE #4	56	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
22. BAYSIDE #5	56	620	1.5	98.6	100.6	11,210	GAS	6,760	1,028,107	6,950.0	47,710	7.70	7.06
23. BAYSIDE #6	56	240	0.6	98.6	85.7	11,833	GAS	2,760	1,028,986	2,840.0	19,479	8.12	7.06
24. BAYSIDE TOTAL	1,854	426,860	32.0	82.9	80.3	7,611	GAS	3,161,990	1,027,464	3,248,830.0	22,316,403	5.23	7.06
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	4,308	1,407,850	45.4	76.0	85.1	9,513				13,392,310.0	58,961,969	4.19	-

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

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 CAPABILITY (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	174,230	59.3	65.2	84.0	10,280	COAL	74,620	24,003,484	1,791,140.0	5,966,562	3.42	79.96
2. B.B.#2	395	184,760	62.9	66.3	89.1	10,265	COAL	76,430	24,814,078	1,896,540.0	6,111,288	3.31	79.96
3. B.B.#3	365	208,280	76.7	85.6	85.4	10,419	COAL	91,340	23,758,047	2,170,060.0	7,303,481	3.51	79.96
4. B.B.#4	427	239,800	75.5	87.8	81.9	10,361	COAL	105,110	23,637,142	2,484,500.0	8,493,666	3.54	80.81
B.B. IGNITION	-	-	-	-	-	-	LGT OIL	5,340	-	-	753,221	-	141.05
5. B.B. COAL	1,582	807,070	68.6	76.3	84.8	10,336	-	-	-	8,342,240.0	28,628,218	3.55	-
6. POLK #1 GASIFIER	220	129,590	79.2	-	-	10,338	COAL	52,860	25,345,062	1,339,740.0	6,287,213	4.85	118.94
7. POLK #1 CT OIL	235	2,640	1.5	-	-	10,356	LGT OIL	4,840	5,648,760	27,340.0	679,391	25.73	140.37
8. POLK #1 TOTAL	220	132,230	80.8	87.9	91.2	10,339	-	-	-	1,367,080.0	6,966,604	5.27	-
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	720	0.5	99.2	98.4	11,597	GAS	8,130	1,027,060	8,350.0	56,718	7.88	6.98
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	307,470	52.2	97.3	76.1	7,411	GAS	2,218,330	1,027,201	2,278,670.0	15,476,028	5.03	6.98
19. BAYSIDE #2	1,047	255,420	32.8	96.8	81.0	7,346	GAS	1,829,010	1,025,872	1,876,330.0	12,759,963	5.00	6.98
20. BAYSIDE #3	61	110	0.2	98.6	90.2	11,727	GAS	1,260	1,023,810	1,290.0	8,790	7.99	6.98
21. BAYSIDE #4	61	60	0.1	98.6	98.4	10,167	GAS	590	1,033,898	610.0	4,116	6.86	6.98
22. BAYSIDE #5	61	400	0.9	98.6	59.6	11,975	GAS	4,670	1,025,696	4,790.0	32,580	8.15	6.98
23. BAYSIDE #6	61	190	0.4	98.6	51.9	12,842	GAS	2,380	1,025,210	2,440.0	16,604	8.74	6.98
24. BAYSIDE TOTAL	2,083	563,650	36.4	97.2	78.2	7,388	GAS	4,056,240	1,026,599	4,164,130.0	28,298,081	5.02	6.98
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	4,692	1,503,670	43.1	76.9	82.7	9,232	-	-	-	13,881,800.0	63,949,621	4.25	-

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

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SCHEDULE E5

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

	Jan-12	Feb-12	Mar-12	Apr-12	May-12	Jun-12
HEAVY OIL						
PURCHASES:						
1. UNITS (BBL)	0	0	0	0	0	0
2. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
3. AMOUNT (\$)	0	0	0	0	0	0
BURNED:						
4. UNITS (BBL)	0	0	0	0	0	0
5. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
6. AMOUNT (\$)	0	0	0	0	0	0
ENDING INVENTORY:						
7. UNITS (BBL)	0	0	0	0	0	0
8. UNIT COST (\$/BBL)	0.00	0.00	0.00	0.00	0.00	0.00
9. AMOUNT (\$)	0	0	0	0	0	0
10. DAYS SUPPLY:	0	0	0	0	0	0
LIGHT OIL						
PURCHASES:						
11. UNITS (BBL)	8,310	9,010	9,240	8,690	4,340	8,300
12. UNIT COST (\$/BBL)	151.54	151.66	151.17	150.09	149.10	148.39
13. AMOUNT (\$)	1,259,263	1,366,434	1,396,808	1,304,271	647,084	1,231,674
BURNED:						
14. UNITS (BBL)	8,310	9,010	9,240	8,690	4,340	8,300
15. UNIT COST (\$/BBL)	72.60	65.38	67.98	50.99	23.82	76.57
16. AMOUNT (\$)	603,313	589,048	628,089	443,146	103,386	635,546
ENDING INVENTORY:						
17. UNITS (BBL)	98,915	98,915	98,915	98,915	98,915	98,915
18. UNIT COST (\$/BBL)	128.06	130.03	131.84	133.30	133.92	135.06
19. AMOUNT (\$)	12,667,093	12,862,050	13,040,980	13,184,989	13,247,104	13,359,082
20. DAYS SUPPLY: NORMAL	360	392	432	486	550	589
21. DAYS SUPPLY: EMERGENCY	14	14	14	14	14	14
COAL						
PURCHASES:						
22. UNITS (TONS)	381,935	371,935	401,005	391,935	396,935	396,005
23. UNIT COST (\$/TON)	82.63	81.81	83.86	83.12	83.39	83.55
24. AMOUNT (\$)	31,559,134	30,352,278	33,630,215	32,576,590	33,099,707	33,085,370
BURNED:						
25. UNITS (TONS)	452,950	379,290	434,870	336,750	414,260	450,660
26. UNIT COST (\$/TON)	84.92	85.96	85.33	85.91	81.44	85.04
27. AMOUNT (\$)	38,464,315	32,604,316	37,107,322	28,928,681	33,737,919	38,323,079
ENDING INVENTORY:						
28. UNITS (TONS)	693,063	685,708	651,843	707,028	689,703	635,048
29. UNIT COST (\$/TON)	79.67	78.26	78.08	78.36	80.31	79.94
30. AMOUNT (\$)	55,217,879	53,664,754	50,894,968	55,403,809	55,393,489	50,763,309
31. DAYS SUPPLY:	50	54	51	54	48	42
NATURAL GAS						
PURCHASES:						
32. UNITS (MCF)	3,162,703	2,827,000	1,867,700	4,814,370	5,947,056	5,736,730
33. UNIT COST (\$/MCF)	7.21	7.39	8.52	6.47	6.27	6.33
34. AMOUNT (\$)	22,807,147	20,893,815	15,916,651	31,152,341	37,295,728	36,335,393
BURNED:						
35. UNITS (MCF)	3,158,910	2,827,000	1,867,700	4,814,370	5,546,180	5,736,730
36. UNIT COST (\$/MCF)	7.30	7.39	8.54	6.48	6.38	6.33
37. AMOUNT (\$)	23,058,894	20,893,386	15,943,549	31,216,212	35,372,177	36,300,034
ENDING INVENTORY:						
38. UNITS (MCF)	674,027	674,027	674,027	674,027	1,074,903	1,074,903
39. UNIT COST (\$/MCF)	4.87	4.87	4.83	4.73	4.76	4.79
40. AMOUNT (\$)	3,280,729	3,281,159	3,254,260	3,190,389	5,113,940	5,149,300
41. DAYS SUPPLY:	4	5	5	5	9	11
NUCLEAR						
BURNED:						
42. UNITS (MMBTU)	0	0	0	0	0	0
43. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
44. AMOUNT (\$)	0	0	0	0	0	0
OTHER						
PURCHASES:						
45. UNITS (MMBTU)	0	0	0	0	0	0
46. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
47. AMOUNT (\$)	0	0	0	0	0	0
BURNED:						
48. UNITS (MMBTU)	0	0	0	0	0	0
49. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
50. AMOUNT (\$)	0	0	0	0	0	0
ENDING INVENTORY:						
51. UNITS (MMBTU)	0	0	0	0	0	0
52. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
53. AMOUNT (\$)	0	0	0	0	0	0
54. 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.

SCHEDULE E5

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

	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)	8,390	8,680	9,240	8,650	8,320	10,180	101,350
16. UNIT COST (\$/BBL)	148.42	148.58	148.79	149.00	149.18	149.36	149.64
17. AMOUNT (\$)	1,245,272	1,289,707	1,374,833	1,288,843	1,241,159	1,520,450	15,165,798
18. BURNED:							
19. UNITS (BBL)	8,390	8,680	9,240	8,650	8,320	10,180	101,350
20. UNIT COST (\$/BBL)	77.85	80.55	71.35	81.62	64.85	66.74	68.47
21. AMOUNT (\$)	653,164	699,157	659,296	706,030	539,535	679,391	6,939,101
22. ENDING INVENTORY:							
23. UNITS (BBL)	98,915	98,915	98,915	98,915	98,915	98,915	98,915
24. UNIT COST (\$/BBL)	136.11	137.13	138.13	139.01	139.79	140.68	140.68
25. AMOUNT (\$)	13,463,548	13,563,960	13,662,735	13,749,712	13,827,602	13,915,734	13,915,734
26. DAYS SUPPLY: NORMAL	681	809	1,003	1,345	1,977	3,589	-
27. DAYS SUPPLY: EMERGENCY	14	14	14	14	14	14	-
COAL							
28. PURCHASES:							
29. UNITS (TONS)	401,935	411,935	411,005	416,935	401,935	415,274	4,798,769
30. UNIT COST (\$/TON)	83.88	84.36	84.23	84.80	84.06	84.75	83.71
31. AMOUNT (\$)	33,712,390	34,749,435	34,618,896	35,355,842	33,784,830	35,193,986	401,718,673
32. BURNED:							
33. UNITS (TONS)	464,960	463,540	406,090	412,030	415,730	400,380	5,031,490
34. UNIT COST (\$/TON)	85.14	85.28	86.32	86.14	85.59	87.21	85.33
35. AMOUNT (\$)	39,586,541	39,530,103	35,054,823	35,492,847	35,584,325	34,915,431	429,329,702
36. ENDING INVENTORY:							
37. UNITS (TONS)	572,023	520,418	525,333	530,238	516,443	531,357	531,357
38. UNIT COST (\$/TON)	79.63	79.52	79.40	79.58	79.73	79.75	79.75
39. AMOUNT (\$)	45,549,584	41,382,090	41,712,247	42,196,337	41,174,039	42,378,149	42,378,149
40. DAYS SUPPLY:	39	37	39	40	39	41	-
NATURAL GAS							
41. PURCHASES:							
42. UNITS (MCF)	6,077,320	6,552,290	6,190,680	4,448,400	3,235,910	4,064,370	54,924,529
43. UNIT COST (\$/MCF)	6.32	6.24	6.28	6.68	7.09	7.01	6.62
44. AMOUNT (\$)	38,416,976	40,913,769	38,894,063	29,702,102	22,938,841	28,510,913	363,777,739
45. BURNED:							
46. UNITS (MCF)	6,077,320	6,552,290	6,190,680	4,853,070	3,235,910	4,064,370	54,924,530
47. UNIT COST (\$/MCF)	6.31	6.24	6.28	6.52	7.06	6.98	6.62
48. AMOUNT (\$)	38,370,146	40,879,492	38,883,257	31,647,829	22,838,109	28,354,799	363,757,884
49. ENDING INVENTORY:							
50. UNITS (MCF)	1,074,903	1,074,903	1,074,903	670,233	670,233	670,233	670,233
51. UNIT COST (\$/MCF)	4.83	4.87	4.88	4.92	5.07	5.30	5.30
52. AMOUNT (\$)	5,196,130	5,230,407	5,241,214	3,295,487	3,396,219	3,552,332	3,552,332
53. DAYS SUPPLY:	13	16	21	20	34	60	-
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
ESTIMATED FOR THE PERIOD: JANUARY 2012 THROUGH JUNE 2012

SCHEDULE E6

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHEDULE		(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) CENTS/KWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT	(9) TOTAL COST \$	(10) GAINS ON SALES
							(A) FUEL COST	(B) TOTAL COST			
Jan-12	SEMINOLE	JURISD.	SCH. -D	1,090.0	0.0	1,090.0	3.566	3.566	38,870.00	38,870.00	0.00
	VARIOUS	JURISD.	MKT. BASE	20,000.0	0.0	20,000.0	3.613	4.373	722,619.00	874,560.00	72,341.00
	TOTAL			21,090.0	0.0	21,090.0	3.611	4.331	761,489.00	913,430.00	72,341.00
Feb-12	SEMINOLE	JURISD.	SCH. -D	930.0	0.0	930.0	3.711	3.711	34,510.00	34,510.00	0.00
	VARIOUS	JURISD.	MKT. BASE	15,950.0	0.0	15,950.0	3.807	4.586	607,185.00	731,450.00	60,785.00
	TOTAL			16,880.0	0.0	16,880.0	3.802	4.538	641,695.00	765,960.00	60,785.00
Mar-12	SEMINOLE	JURISD.	SCH. -D	1,160.0	0.0	1,160.0	3.872	3.872	44,910.00	44,910.00	0.00
	VARIOUS	JURISD.	MKT. BASE	2,550.0	0.0	2,550.0	4.508	5.357	114,952.00	136,610.00	11,508.00
	TOTAL			3,710.0	0.0	3,710.0	4.309	4.893	159,862.00	181,520.00	11,508.00
Apr-12	SEMINOLE	JURISD.	SCH. -D	1,400.0	0.0	1,400.0	3.680	3.680	51,520.00	51,520.00	0.00
	VARIOUS	JURISD.	MKT. BASE	14,830.0	0.0	14,830.0	3.746	4.519	555,563.00	670,200.00	55,617.00
	TOTAL			16,230.0	0.0	16,230.0	3.740	4.447	607,083.00	721,720.00	55,617.00
May-12	SEMINOLE	JURISD.	SCH. -D	1,240.0	0.0	1,240.0	3.757	3.757	46,590.00	46,590.00	0.00
	VARIOUS	JURISD.	MKT. BASE	15,930.0	0.0	15,930.0	3.865	4.650	615,766.00	740,810.00	61,644.00
	TOTAL			17,170.0	0.0	17,170.0	3.858	4.586	662,356.00	787,400.00	61,644.00
Jun-12	SEMINOLE	JURISD.	SCH. -D	1,300.0	0.0	1,300.0	3.916	3.916	50,910.00	50,910.00	0.00
	VARIOUS	JURISD.	MKT. BASE	15,660.0	0.0	15,660.0	3.981	4.778	623,438.00	748,190.00	62,412.00
	TOTAL			16,960.0	0.0	16,960.0	3.976	4.712	674,348.00	799,100.00	62,412.00

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

SCHEDULE E6

(1) MONTH	(2) SOLD TO	(3) TYPE & SCHEDULE		(4) TOTAL MWH SOLD	(5) MWH WHEELED FROM OTHER SYSTEMS	(6) MWH FROM OWN GENERATION	(7) CENTS/KWH		(8) TOTAL \$ FOR FUEL ADJUSTMENT	(9) TOTAL COST \$	(10) GAINS ON SALES
							(A) FUEL COST	(B) TOTAL COST			
Jul-12	SEMINOLE	JURISD.	SCH. -D	1,360.0	0.0	1,360.0	4.099	4.099	55,750.00	55,750.00	0.00
	VARIOUS	JURISD.	MKT. BASE	15,490.0	0.0	15,490.0	4.265	5.090	660,688.00	788,460.00	66,142.00
	TOTAL			16,850.0	0.0	16,850.0	4.252	5.010	716,438.00	844,210.00	66,142.00
Aug-12	SEMINOLE	JURISD.	SCH. -D	1,360.0	0.0	1,360.0	4.283	4.283	58,250.00	58,250.00	0.00
	VARIOUS	JURISD.	MKT. BASE	15,870.0	0.0	15,870.0	4.292	5.120	681,141.00	812,500.00	68,189.00
	TOTAL			17,230.0	0.0	17,230.0	4.291	5.054	739,391.00	870,750.00	68,189.00
Sep-12	SEMINOLE	JURISD.	SCH. -D	1,320.0	0.0	1,320.0	4.067	4.067	53,680.00	53,680.00	0.00
	VARIOUS	JURISD.	MKT. BASE	11,720.0	0.0	11,720.0	4.148	4.961	486,142.00	581,460.00	48,668.00
	TOTAL			13,040.0	0.0	13,040.0	4.140	4.871	539,822.00	635,140.00	48,668.00
Oct-12	SEMINOLE	JURISD.	SCH. -D	980.0	0.0	980.0	3.779	3.779	37,030.00	37,030.00	0.00
	VARIOUS	JURISD.	MKT. BASE	11,840.0	0.0	11,840.0	3.750	4.523	444,019.00	535,580.00	44,451.00
	TOTAL			12,820.0	0.0	12,820.0	3.752	4.467	481,049.00	572,610.00	44,451.00
Nov-12	SEMINOLE	JURISD.	SCH. -D	840.0	0.0	840.0	3.786	3.786	31,800.00	31,800.00	0.00
	VARIOUS	JURISD.	MKT. BASE	15,690.0	0.0	15,690.0	3.779	4.555	592,923.00	714,730.00	59,357.00
	TOTAL			16,530.0	0.0	16,530.0	3.779	4.516	624,723.00	746,530.00	59,357.00
Dec-12	SEMINOLE	JURISD.	SCH. -D	740.0	0.0	740.0	4.020	4.020	29,750.00	29,750.00	0.00
	VARIOUS	JURISD.	MKT. BASE	19,470.0	0.0	19,470.0	3.990	4.788	776,877.00	932,160.00	77,773.00
	TOTAL			20,210.0	0.0	20,210.0	3.991	4.760	806,627.00	961,910.00	77,773.00
TOTAL											
Jan-12	SEMINOLE	JURISD.	SCH. -D	13,720.0	0.0	13,720.0	3.889	3.889	533,570.00	533,570.00	0.00
THRU	VARIOUS	JURISD.	MKT. BASE	175,000.0	0.0	175,000.0	3.932	4.724	6,881,313.00	8,266,710.00	688,887.00
Dec-12	TOTAL			188,720.0	0.0	188,720.0	3.929	4.663	7,414,883.00	8,800,280.00	688,887.00

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TAMPA ELECTRIC COMPANY
PURCHASED POWER
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES
ESTIMATED 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 INTERRUPTIBLE	MWH FOR FIRM	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
Jan-12									
	HPP	IPP	4,940.0	0.0	0.0	4,940.0	5.786	5.786	285,850.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	2,960.0	0.0	0.0	2,960.0	6.534	6.534	193,400.00
	TOTAL		7,900.0	0.0	0.0	7,900.0	6.066	6.066	479,250.00
Feb-12									
	HPP	IPP	7,940.0	0.0	0.0	7,940.0	5.705	5.705	453,000.00
	RELIANT	SCH. D	530.0	0.0	0.0	530.0	6.342	6.342	33,610.00
	PASCO COGEN	SCH. D	550.0	0.0	0.0	550.0	6.704	6.704	36,870.00
	TOTAL		9,020.0	0.0	0.0	9,020.0	5.804	5.804	523,480.00
Mar-12									
	HPP	IPP	37,240.0	0.0	0.0	37,240.0	5.351	5.351	1,992,600.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	12,070.0	0.0	0.0	12,070.0	7.441	7.441	898,120.00
	TOTAL		49,310.0	0.0	0.0	49,310.0	5.862	5.862	2,890,720.00
Apr-12									
	HPP	IPP	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	8,660.0	0.0	0.0	8,660.0	5.835	5.835	505,350.00
	TOTAL		8,660.0	0.0	0.0	8,660.0	5.835	5.835	505,350.00
May-12									
	HPP	IPP	16,410.0	0.0	0.0	16,410.0	5.880	5.880	964,830.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	10,120.0	0.0	0.0	10,120.0	5.739	5.739	580,790.00
	TOTAL		26,530.0	0.0	0.0	26,530.0	5.826	5.826	1,545,620.00
Jun-12									
	HPP	IPP	23,650.0	0.0	0.0	23,650.0	5.823	5.823	1,377,140.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	9,750.0	0.0	0.0	9,750.0	5.711	5.711	556,840.00
	TOTAL		33,400.0	0.0	0.0	33,400.0	5.790	5.790	1,933,980.00

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

SCHEDULE E7

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
							Jul-12	HPP	
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	12,550.0	0.0	0.0	12,550.0	5.698	5.698	715,050.00
	TOTAL		42,480.0	0.0	0.0	42,480.0	5.786	5.786	2,458,010.00
Aug-12	HPP	IPP	40,420.0	0.0	0.0	40,420.0	5.740	5.740	2,320,280.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	16,390.0	0.0	0.0	16,390.0	5.600	5.600	917,910.00
	TOTAL		56,810.0	0.0	0.0	56,810.0	5.700	5.700	3,238,190.00
Sep-12	HPP	IPP	26,310.0	0.0	0.0	26,310.0	5.690	5.690	1,496,950.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	15,080.0	0.0	0.0	15,080.0	5.639	5.639	850,310.00
	TOTAL		41,390.0	0.0	0.0	41,390.0	5.671	5.671	2,347,260.00
Oct-12	HPP	IPP	18,440.0	0.0	0.0	18,440.0	5.718	5.718	1,054,480.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	6,520.0	0.0	0.0	6,520.0	5.806	5.806	378,530.00
	TOTAL		24,960.0	0.0	0.0	24,960.0	5.741	5.741	1,433,010.00
Nov-12	HPP	IPP	7,180.0	0.0	0.0	7,180.0	5.873	5.873	421,650.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	5,100.0	0.0	0.0	5,100.0	6.293	6.293	320,940.00
	TOTAL		12,280.0	0.0	0.0	12,280.0	6.047	6.047	742,590.00
Dec-12	HPP	IPP	4,360.0	0.0	0.0	4,360.0	6.389	6.389	278,550.00
	RELIANT	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	PASCO COGEN	SCH. D	1,750.0	0.0	0.0	1,750.0	6.270	6.270	109,730.00
	TOTAL		6,110.0	0.0	0.0	6,110.0	6.355	6.355	388,280.00
TOTAL	HPP	IPP	216,820.0	0.0	0.0	216,820.0	5.714	5.714	12,388,290.00
Jan-12	RELIANT	SCH. D	530.0	0.0	0.0	530.0	6.342	6.342	33,610.00
THRU	PASCO COGEN	SCH. D	101,500.0	0.0	0.0	101,500.0	5.974	5.974	6,063,840.00
Dec-12	TOTAL		318,850.0	0.0	0.0	318,850.0	5.798	5.798	18,485,740.00

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

SCHEDULE E8

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
Jan-12	VARIOUS	CO-GEN.							
		FIRM	5,700.0	0.0	0.0	5,700.0	3.405	3.405	194,110.00
		AS AVAIL.	13,000.0	0.0	0.0	13,000.0	5.267	5.267	684,740.00
	TOTAL		18,700.0	0.0	0.0	18,700.0	4.700	4.700	878,850.00
Feb-12	VARIOUS	CO-GEN.							
		FIRM	5,340.0	0.0	0.0	5,340.0	3.558	3.558	190,020.00
		AS AVAIL.	11,820.0	0.0	0.0	11,820.0	5.496	5.496	649,630.00
	TOTAL		17,160.0	0.0	0.0	17,160.0	4.893	4.893	839,650.00
Mar-12	VARIOUS	CO-GEN.							
		FIRM	5,700.0	0.0	0.0	5,700.0	3.415	3.415	194,680.00
		AS AVAIL.	12,940.0	0.0	0.0	12,940.0	7.047	7.047	911,880.00
	TOTAL		18,640.0	0.0	0.0	18,640.0	5.936	5.936	1,106,560.00
Apr-12	VARIOUS	CO-GEN.							
		FIRM	6,210.0	0.0	0.0	6,210.0	3.481	3.481	216,170.00
		AS AVAIL.	12,380.0	0.0	0.0	12,380.0	5.320	5.320	658,570.00
	TOTAL		18,590.0	0.0	0.0	18,590.0	4.705	4.705	874,740.00
May-12	VARIOUS	CO-GEN.							
		FIRM	6,420.0	0.0	0.0	6,420.0	3.463	3.463	222,350.00
		AS AVAIL.	12,850.0	0.0	0.0	12,850.0	5.703	5.703	732,830.00
	TOTAL		19,270.0	0.0	0.0	19,270.0	4.957	4.957	955,180.00
Jun-12	VARIOUS	CO-GEN.							
		FIRM	6,210.0	0.0	0.0	6,210.0	3.466	3.466	215,240.00
		AS AVAIL.	12,440.0	0.0	0.0	12,440.0	5.352	5.352	665,830.00
	TOTAL		18,650.0	0.0	0.0	18,650.0	4.724	4.724	881,070.00
Jul-12	VARIOUS	CO-GEN.							
		FIRM	6,420.0	0.0	0.0	6,420.0	3.476	3.476	223,180.00
		AS AVAIL.	12,880.0	0.0	0.0	12,880.0	5.802	5.802	747,240.00
	TOTAL		19,300.0	0.0	0.0	19,300.0	5.028	5.028	970,420.00
Aug-12	VARIOUS	CO-GEN.							
		FIRM	6,420.0	0.0	0.0	6,420.0	3.481	3.481	223,500.00
		AS AVAIL.	12,870.0	0.0	0.0	12,870.0	5.852	5.852	753,210.00
	TOTAL		19,290.0	0.0	0.0	19,290.0	5.063	5.063	976,710.00
Sep-12	VARIOUS	CO-GEN.							
		FIRM	6,210.0	0.0	0.0	6,210.0	3.481	3.481	216,170.00
		AS AVAIL.	12,350.0	0.0	0.0	12,350.0	7.079	7.079	874,270.00
	TOTAL		18,560.0	0.0	0.0	18,560.0	5.875	5.875	1,090,440.00
Oct-12	VARIOUS	CO-GEN.							
		FIRM	6,420.0	0.0	0.0	6,420.0	3.536	3.536	227,030.00
		AS AVAIL.	12,830.0	0.0	0.0	12,830.0	5.602	5.602	718,730.00
	TOTAL		19,250.0	0.0	0.0	19,250.0	4.913	4.913	945,760.00
Nov-12	VARIOUS	CO-GEN.							
		FIRM	6,210.0	0.0	0.0	6,210.0	3.591	3.591	223,000.00
		AS AVAIL.	12,480.0	0.0	0.0	12,480.0	6.317	6.317	788,400.00
	TOTAL		18,690.0	0.0	0.0	18,690.0	5.411	5.411	1,011,400.00
Dec-12	VARIOUS	CO-GEN.							
		FIRM	5,700.0	0.0	0.0	5,700.0	3.542	3.542	201,920.00
		AS AVAIL.	12,830.0	0.0	0.0	12,830.0	5.666	5.666	726,930.00
	TOTAL		18,530.0	0.0	0.0	18,530.0	5.013	5.013	928,850.00
TOTAL Jan-12 THRU Dec-12	VARIOUS	CO-GEN.							
		FIRM	72,960.0	0.0	0.0	72,960.0	3.491	3.491	2,547,370.00
		AS AVAIL.	151,670.0	0.0	0.0	151,670.0	5.876	5.876	8,912,260.00
	TOTAL		224,630.0	0.0	0.0	224,630.0	5.102	5.102	11,459,630.00

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

SCHEDULE E9

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		(10)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	TRANSACT. COST cents/KWH	TOTAL \$ FOR FUEL ADJUSTMENT	COST IF GENERATED		FUEL SAVINGS (9B)-(8)
								(A) CENTS PER KWH	(B) (\$000)	
Jan-12	VARIOUS	ECONOMY	10,210.0	0.0	10,210.0	4.111	419,690.00	4.111	419,690.00	0.00
Feb-12	VARIOUS	ECONOMY	38,930.0	0.0	38,930.0	4.208	1,637,980.00	4.208	1,637,980.00	0.00
Mar-12	VARIOUS	ECONOMY	108,190.0	0.0	108,190.0	4.296	4,648,220.00	4.296	4,648,220.00	0.00
Apr-12	VARIOUS	ECONOMY	37,280.0	0.0	37,280.0	4.045	1,508,050.00	4.045	1,508,050.00	0.00
May-12	VARIOUS	ECONOMY	31,740.0	0.0	31,740.0	4.245	1,347,440.00	4.245	1,347,440.00	0.00
Jun-12	VARIOUS	ECONOMY	31,210.0	0.0	31,210.0	4.306	1,344,010.00	4.306	1,344,010.00	0.00
Jul-12	VARIOUS	ECONOMY	36,620.0	0.0	36,620.0	4.673	1,711,220.00	4.673	1,711,220.00	0.00
Aug-12	VARIOUS	ECONOMY	31,520.0	0.0	31,520.0	4.674	1,473,100.00	4.674	1,473,100.00	0.00
Sep-12	VARIOUS	ECONOMY	50,300.0	0.0	50,300.0	4.557	2,292,110.00	4.557	2,292,110.00	0.00
Oct-12	VARIOUS	ECONOMY	64,210.0	0.0	64,210.0	4.146	2,662,270.00	4.146	2,662,270.00	0.00
Nov-12	VARIOUS	ECONOMY	32,820.0	0.0	32,820.0	4.232	1,388,780.00	4.232	1,388,780.00	0.00
Dec-12	VARIOUS	ECONOMY	6,970.0	0.0	6,970.0	4.421	308,170.00	4.421	308,170.00	0.00
TOTAL	VARIOUS	ECONOMY	480,000.0	0.0	480,000.0	4.321	20,741,040.00	4.321	20,741,040.00	0.00

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SCHEDULE E10

**TAMPA ELECTRIC COMPANY
 RESIDENTIAL BILL COMPARISON
 FOR MONTHLY USAGE OF 1,000 KWH**

	Current	Projected	Difference	
	Jan 11 - Dec 11	Jan 12 - Dec 12	\$	%
Base Rate Revenue	55.45	55.45	0.00	0%
Fuel Recovery Revenue	38.75	38.40	(0.35)	-1%
Conservation Revenue	2.74	3.02	0.28	10%
Capacity Revenue	3.36	2.78	(0.58)	-17%
Environmental Revenue	4.04	4.60	0.56	14%
Florida Gross Receipts Tax Revenue	2.68	2.67	(0.01)	0%
TOTAL REVENUE	\$107.02	\$106.92	(\$0.10)	0%

SCHEDULE H1

TAMPA ELECTRIC COMPANY
 GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
 PERIOD: JANUARY THROUGH DECEMBER

	ACTUAL 2009	ACTUAL 2010	ACT/EST 2011	EST 2012	DIFFERENCE (%)		
					2010-2009	2011-2010	2012-2011
FUEL COST OF SYSTEM NET GENERATION (\$)							
1 HEAVY OIL ⁽¹⁾	3,015,616	28,030	0	0	-99.1%	-100.0%	0.0%
2 LIGHT OIL ⁽¹⁾	6,186,693	7,840,460	4,838,681	6,939,101	26.7%	-38.3%	43.4%
3 COAL	305,837,556	333,636,297	376,906,506	429,329,702	9.1%	13.0%	13.9%
4 NATURAL GAS	519,527,349	424,142,038	387,920,829	363,757,884	-18.4%	-8.5%	-6.2%
5 NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
6 OTHER	0	0	0	0	0.0%	0.0%	0.0%
7 TOTAL (\$)	834,567,214	765,646,825	769,666,016	800,026,687	-8.3%	0.5%	3.9%
SYSTEM NET GENERATION (MWH)							
8 HEAVY OIL ⁽¹⁾	23,796	0	0	0	-100.0%	0.0%	0.0%
9 LIGHT OIL ⁽¹⁾	33,256	49,477	22,756	28,520	48.8%	-54.0%	25.3%
10 COAL	9,619,445	10,612,934	10,693,313	11,801,710	10.3%	0.8%	10.4%
11 NATURAL GAS	8,660,347	8,374,745	8,200,014	7,413,580	-3.3%	-2.1%	-9.6%
12 NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
13 OTHER	0	0	0	0	0.0%	0.0%	0.0%
14 TOTAL (MWH)	18,336,844	19,037,156	18,916,083	19,243,810	3.8%	-0.6%	1.7%
UNITS OF FUEL BURNED							
15 HEAVY OIL (BBL) ⁽¹⁾	39,682	0	0	0	-100.0%	0.0%	0.0%
16 LIGHT OIL (BBL) ⁽¹⁾	62,998	84,364	67,817	101,350	33.9%	-19.6%	49.4%
17 COAL (TON)	4,238,624	4,442,745	4,610,713	5,031,490	4.8%	3.8%	9.1%
18 NATURAL GAS (MCF)	63,535,787	61,925,208	61,668,878	54,924,530	-2.5%	-0.4%	-10.9%
19 NUCLEAR (MMBTU)	0	0	0	0	0.0%	0.0%	0.0%
20 OTHER	0	0	0	0	0.0%	0.0%	0.0%
BTUS BURNED (MMBTU)							
21 HEAVY OIL ⁽¹⁾	248,834	0	0	0	-100.0%	0.0%	0.0%
22 LIGHT OIL ⁽¹⁾	351,269	488,733	241,787	294,470	39.1%	-50.5%	21.8%
23 COAL	101,367,908	107,891,545	111,696,157	121,630,370	6.4%	3.5%	8.9%
24 NATURAL GAS	65,028,004	63,015,339	63,035,616	56,438,080	-3.1%	0.0%	-10.5%
25 NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
26 OTHER	0	0	0	0	0.0%	0.0%	0.0%
27 TOTAL (MMBTU)	166,996,015	171,395,617	174,973,560	178,362,920	2.6%	2.1%	1.9%
GENERATION MIX (% MWH)							
28 HEAVY OIL ⁽¹⁾	0.13	0.00	0.00	0.00	-100.0%	0.0%	0.0%
29 LIGHT OIL ⁽¹⁾	0.18	0.26	0.12	0.15	44.4%	-53.8%	25.0%
30 COAL	52.46	55.75	56.53	61.33	6.3%	1.4%	8.5%
31 NATURAL GAS	47.23	43.99	43.35	38.52	-6.9%	-1.5%	-11.1%
32 NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
33 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
34 TOTAL (%)	100.00	100.00	100.00	100.00	0.0%	0.0%	0.0%
FUEL COST PER UNIT							
35 HEAVY OIL (\$/BBL) ⁽¹⁾	75.99	0.00	0.00	0.00	-100.0%	0.0%	0.0%
36 LIGHT OIL (\$/BBL) ⁽¹⁾	98.20	92.94	71.35	68.47	-5.4%	-23.2%	-4.0%
37 COAL (\$/TON)	72.15	75.10	81.75	85.33	4.1%	8.9%	4.4%
38 NATURAL GAS (\$/MCF)	8.18	6.85	6.29	6.62	-16.3%	-8.2%	5.2%
39 NUCLEAR (\$/MMBTU)	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
40 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
FUEL COST PER MMBTU (\$/MMBTU)							
41 HEAVY OIL ⁽¹⁾	12.12	0.00	0.00	0.00	-100.0%	0.0%	0.0%
42 LIGHT OIL ⁽¹⁾	17.61	18.04	20.01	23.56	-8.9%	24.8%	17.7%
43 COAL	3.02	3.09	3.37	3.53	2.3%	9.1%	4.7%
44 NATURAL GAS	7.99	6.73	6.15	6.45	-15.8%	-8.6%	4.9%
45 NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
46 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
47 TOTAL (\$/MMBTU)	5.00	4.47	4.40	4.49	-10.6%	-1.6%	2.0%
BTU BURNED PER KWH (BTU/KWH)							
48 HEAVY OIL ⁽¹⁾	10,457	0	0	0	-100.0%	0.0%	0.0%
49 LIGHT OIL ⁽¹⁾	10,563	9,878	10,625	10,325	-6.5%	7.6%	-2.8%
50 COAL	10,538	10,165	10,445	10,305	-3.5%	2.7%	-1.3%
51 NATURAL GAS	7,509	7,524	7,687	7,613	0.2%	2.2%	-1.0%
52 NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
53 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
54 TOTAL (BTU/KWH)	9,107	9,003	9,250	9,269	-1.1%	2.7%	0.2%
GENERATED FUEL COST PER KWH (cents/KWH)							
55 HEAVY OIL ⁽¹⁾	12.67	0.00	0.00	0.00	-100.0%	0.0%	0.0%
56 LIGHT OIL ⁽¹⁾	18.60	15.85	21.26	24.33	-14.8%	34.1%	14.4%
57 COAL	3.18	3.14	3.52	3.64	-1.3%	12.1%	3.4%
58 NATURAL GAS	6.00	5.06	4.73	4.91	-15.7%	-6.5%	3.8%
59 NUCLEAR	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
60 OTHER	0.00	0.00	0.00	0.00	0.0%	0.0%	0.0%
61 TOTAL (cents/KWH)	4.55	4.02	4.07	4.16	-11.6%	1.2%	2.2%

⁽¹⁾ DISTILLATE (BBLs, MWH & \$) USED FOR FIRING, HOT STANDBY, ETC. IS INCLUDED IN FOSSIL STEAM PLANTS.

Docket No. 110001-EI
FAC 2012 Projection Filing
Exhibit No. ____ (CA-3)
Document No. 3

**EXHIBIT TO THE TESTIMONY OF
CARLOS ALDAZABAL**

DOCUMENT NO. 3

**LEVELIZED AND TIERED FUEL RATE
JANUARY 2012 - DECEMBER 2012**

Tampa Electric Company
Comparison of Levelized and Tiered Fuel Revenues
For the Period January 2012 through December 2012

	Annual Units MWH	Levelized Fuel Rate Cents/kWh	Annual Fuel Revenues \$	Tiered Fuel Rates Cents/kWh	Annual Fuel Revenues \$
Residential Excluding TOU:					
TIER I (Up to 1,000) kWh	5,760,470	4.19	241,363,678	3.840	221,202,035
TIER II (Over 1,000) kWh	3,101,791	4.19	129,965,058	4.840	150,126,701
Total	<u>8,862,261</u>		<u>371,328,736</u>		<u>371,328,736</u>