



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 070001-EI

IN RE: FUEL & PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

PROJECTIONS

JANUARY 2008 THROUGH DECEMBER 2008

TESTIMONY AND EXHIBIT

OF

CARLOS ALDAZABAL

- CMP \_\_\_\_\_
- COM 5
- CTR 1
- ECR 1
- GCL 1
- OPC \_\_\_\_\_
- RCA \_\_\_\_\_
- SCR \_\_\_\_\_
- SGA \_\_\_\_\_
- SEC \_\_\_\_\_
- OTH \_\_\_\_\_

DOCUMENT NUMBER DATE

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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 Manager, 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 12 years of  
21          electric utility experience working in the areas of fuel  
22          and interchange accounting, surveillance reporting,  
23          budgeting and analysis, and cost recovery clause  
24          management. In April 1999, I joined Tampa Electric as  
25          Supervisor, Regulatory Accounting. In January 2004, I

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was promoted to Manager, Regulatory Affairs. My present responsibilities include managing cost recovery for fuel and purchased power, interchange sales, and capacity payments.

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

**A.** The purpose of my testimony is to present, for Commission review and approval, the proposed annual capacity cost recovery factors, the proposed annual levelized fuel and purchased power cost recovery factors and the projected wholesale incentive benchmark for January 2008 through December 2008. In addition, I will address the 2008 projected incremental security costs as a result of the September 11, 2001 attacks as well as the appropriate base amount and period for calculating incremental security costs. I will also describe significant events that affect the factors and provide an overview of the composite effect from the various cost recovery factors for 2008.

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

**A.** Yes. Exhibit No. \_\_\_\_ (CA-3), consisting of two documents, was prepared under my direction and

1 supervision. Document No. 1 of Exhibit No. \_\_\_\_ (CA-3)  
2 is furnished as support for the projected capacity cost  
3 recovery factors. Document No. 2, which is furnished as  
4 support for the proposed levelized fuel and purchased  
5 power cost recovery factors, is comprised of Schedules E1  
6 through E10 for January 2008 through December 2008 as  
7 well as Schedule H1 for January through December, 2005  
8 through 2008.

9  
10 **Capacity Cost Recovery**

11 **Q.** Are you requesting Commission approval of the projected  
12 capacity cost recovery factors for the company's various  
13 rate schedules?

14  
15 **A.** Yes. The capacity cost recovery factors, prepared under  
16 my direction and supervision, are provided in Exhibit No.  
17 \_\_\_\_ (CA-3), Document No. 1, Projected Capacity Cost  
18 Recovery.

19  
20 **Q.** What payments are included in Tampa Electric's capacity  
21 cost recovery factors?

22  
23 **A.** Tampa Electric is requesting recovery of capacity  
24 payments for power purchased for retail customers  
25 excluding optional provision purchases for interruptible

1 customers through the capacity cost recovery factors.

2

3 The company is also requesting recovery of incremental  
4 security expenses as a result of the events of September  
5 11, 2001, as authorized in previous years. As shown in  
6 Exhibit No. \_\_\_\_ (CA-3), Document No. 1, Tampa Electric  
7 requests recovery of \$1,997,986, after jurisdictional  
8 separation, for estimated expenses in 2008.

9

10 **Q.** Were Tampa Electric's base year "post-9/11" security  
11 costs adjusted for retail energy sales growth as required  
12 by Order No. PSC-03-1461-FOF-EI, filed in Docket No.  
13 030001-EI on December 22, 2003?

14

15 **A.** Yes. Tampa Electric's 2007 actual adjusted base year  
16 total security O&M costs were \$2,232,959. After  
17 adjusting this amount for expected energy sales growth, a  
18 \$2,293,026 baseline was used to calculate Tampa  
19 Electric's 2008 incremental security costs. This  
20 calculation is shown on Exhibit No. \_\_\_\_ (CA-3), Document  
21 No. 1, page 4 of 5.

22

23 **Q.** Please summarize the proposed capacity cost recovery  
24 factors by rate schedule for January 2008 through  
25 December 2008.

1	A.	<b>Capacity Cost Recovery</b>
2	<u>Rate Schedule</u>	<u>Factor (cents per kWh)</u>
3	Average Factor	0.428
4	RS	0.517
5	GS and TS	0.496
6	GSD, EV-X	0.415
7	GSLD and SBF	0.353
8	IS-1, IS-3, SBI-1, SBI-3	0.032
9	SL-2, OL-1 and OL-3	0.063

10

11 These factors are shown in Exhibit No. \_\_\_\_ (CA-3),  
 12 Document No. 1, page 3 of 5.

13

14 Q. How does Tampa Electric's proposed average capacity cost  
 15 recovery factor of 0.428 cents per kWh compare to the  
 16 factor for January 2007 through December 2007?

17

18 A. The proposed capacity cost recovery factor is 0.157 cents  
 19 per kWh (or \$1.57 per 1,000 kWh) higher than the average  
 20 capacity cost recovery factor of 0.271 cents per kWh for  
 21 the January 2007 through December 2007 period.

22

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

24 Q. What is the appropriate amount of the base fuel and  
 25 purchased power cost recovery factor for the year 2008?

1     **A.**    The appropriate amount for the 2008 period is 5.219 cents  
2           per kWh before the normal application of factors that  
3           adjust for variations in line losses.    Schedule E1 of  
4           Exhibit No. \_\_\_\_ (CA-3), Document No. 2, Fuel Projection,  
5           shows the appropriate value for the total fuel and  
6           purchased power cost recovery factor as projected for the  
7           period January 2008 through December 2008.

8

9     **Q.**    Please describe the information provided on Schedule E1-  
10           C.

11

12     **A.**    The Generating Performance Incentive Factor ("GPIF") and  
13           true-up factors are provided on Schedule E1-C.    Tampa  
14           Electric has calculated a GPIF reward of \$1,439,819,  
15           which is included in the calculation of the total fuel  
16           and purchased power cost recovery factors.    Additionally,  
17           E1-C indicates the net true-up amount for the January  
18           2007 through December 2007 period.    The net true-up  
19           amount for this period is an over-recovery of  
20           \$15,392,712.

21

22     **Q.**    Please describe the information provided on Schedule E1-  
23           D.

24

25     **A.**    Schedule E1-D presents Tampa Electric's on-peak and off-

1 peak fuel adjustment factors for January 2008 through  
2 December 2008.

3  
4 Q. Please describe the information provided on Schedule E1-  
5 E.

6  
7 A. Schedule E1-E presents the standard, on-peak and off-peak  
8 fuel adjustment factors after adjusting for variations in  
9 line losses.

10  
11 Q. Please summarize the proposed fuel and purchased power  
12 cost recovery factors by rate schedule for January 2008  
13 through December 2008.

14  
15 A.

<u>Rate Schedule</u>	<u>Fuel Charge</u> <u>Factor (cents per kWh)</u>
Average Factor	5.219
RS, GS and TS	5.241
RST and GST	6.344 (on-peak)
	4.668 (off-peak)
SL-2, OL-1 and OL-3	4.920
GSD, GSLD, and SBF	5.221
GSDT, GSLDT, EV-X and SBFT	6.320 (on-peak)
	4.650 (off-peak)
IS-1, IS-3, SBI-1, SBI-3	5.084

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**Fuel Charge**

<u>Rate Schedule</u>	<u>Factor (cents per kWh)</u>
IST-1, IST-3, SBIT-1, SBIT-3	6.154 (on-peak)
	4.528 (off-peak)

**Q.** How does Tampa Electric's proposed average fuel adjustment factor of 5.219 cents per kWh compare to the average fuel adjustment factor for the January 2007 through December 2007 period?

**A.** The proposed fuel charge factor is 0.678 cents per kWh (or \$6.78 per 1,000 kWh) lower than the average fuel charge factor of 5.897 cents per kWh for the January 2007 through December 2007 period.

**Events Affecting the Projection Filing**

**Q.** Are there any significant events reflected in the calculation of the 2008 fuel and purchased power and capacity cost recovery projections?

**A.** Yes. There are two significant events. These are 1) the company's wholesale purchases; and 2) Tampa Electric's recovery of waterborne coal transportation costs as required in Order No. PSC-04-0999-FOF-EI ("Order No. 04-0999") issued October 12, 2004 in Docket No. 031033-EI.

1 Q. Please describe the first event that affects the  
2 company's projection filing.

3  
4 A. Tampa Electric entered into or continued several cost-  
5 effective purchase agreements with Progress Energy  
6 Florida, Reliant Energy, Okeelanta and Calpine Energy  
7 Services, L.P. The purchases improve supply reliability  
8 for retail ratepayers in 2007 and 2008 at reasonable and  
9 prudent costs. The direct testimony of Tampa Electric  
10 witness B. F. Smith describes the purchases and  
11 demonstrates that the costs associated with the purchased  
12 power agreements are prudent and appropriate for recovery  
13 through the Fuel and Purchased Power and Capacity Cost  
14 Recovery Clauses.

15  
16 Tampa Electric also intends to enter into purchase  
17 agreements to replace lost generation capacity during  
18 the planned 2008 Big Bend scrubber outage.

19  
20 Q. Please describe the second event.

21  
22 A. The calculation of the 2008 fuel and purchased power  
23 factor reflects Tampa Electric's recovery of waterborne  
24 coal transportation costs as required in Order No. PSC-  
25 04-0999-FOF-EI ("Order No. 04-0999") issued October 12,

1           2004 in Docket No. 031033-EI. Tampa Electric adjusted  
2 fuel expense for the disallowance of costs required by  
3 FPSC Order No. 04-0999, which specifies that a portion  
4 of the costs incurred by Tampa Electric under the  
5 current contract with TECO Transport is not reasonable  
6 for cost recovery. The annual adjustment to the  
7 company's fuel cost recovery is projected to be  
8 \$15,315,380 in 2008. This adjustment will be trued up  
9 to reflect the actual tons shipped and associated  
10 calculated disallowances as part of the normal true-up  
11 process.

12  
13 **Wholesale Incentive Benchmark Mechanism**

14 **Q.** What is Tampa Electric's projected wholesale incentive  
15 benchmark for 2008?

16  
17 **A.** The company's projected 2008 benchmark is \$1,181,573,  
18 which is the three-year average of \$878,238, \$757,156 and  
19 \$1,909,325 in gains on the company's non-separated  
20 wholesale sales, excluding emergency sales, for 2005,  
21 2006 and 2007 (estimated/actual), respectively.

22  
23 **Q.** Does Tampa Electric expect gains in 2008 from non-  
24 separated wholesale sales to exceed its 2008 wholesale  
25 incentive benchmark?

1    **A.**    Yes.    Tampa Electric anticipates that sales will exceed  
2           the projected benchmark by \$1,005,727 of which 80 percent  
3           or \$804,582 will flow back to ratepayers.

4

5    **Cost Recovery Factors**

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

10

11   **A.**    The composite effect on a residential bill for 1,000 kWh  
12           is a decrease of \$0.16 beginning January 2008. These  
13           charges are shown in Exhibit No. \_\_\_\_ (CA-3), Document  
14           No. 2, on Schedule E10.

15

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

17

18   **A.**    The new rates should go into effect concurrent with the  
19           first billing cycle for January 2008.

20

21   **Q.**    Does this conclude your testimony?

22

23   **A.**    Yes, it does.

24

25

**EXHIBIT TO THE TESTIMONY OF  
CARLOS ALDAZABAL**

**DOCUMENT NO. 1**

**PROJECTED CAPACITY COST RECOVERY  
JANUARY 2008 - DECEMBER 2008**

**TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS  
JANUARY 2008 THROUGH DECEMBER 2008  
PROJECTED**

RATE CLASS	(1) AVG 12 CP LOAD FACTOR AT METER (%)	(2) PROJECTED SALES AT METER (MWH)	(3) PROJECTED AVG 12 CP AT METER (MWH)	(4) DEMAND LOSS EXPANSION FACTOR	(5) ENERGY LOSS EXPANSION FACTOR	(6) PROJECTED SALES AT GENERATION (MWH)	(7) PROJECTED AVG 12 CP AT GENERATION (MWH)	(8) PERCENTAGE OF SALES AT GENERATION (%)	(9) PERCENTAGE OF DEMAND AT GENERATION (%)
RS	56.60%	9,337,419	1,883	1.06585	1.04883	9,793,346	2,007	46.06%	56.28%
GS, TS	59.28%	1,104,962	213	1.06585	1.04883	1,158,915	227	5.45%	6.37%
GSD, EV-X	71.68%	5,673,157	903	1.06518	1.04822	5,946,713	962	27.97%	26.98%
GSLD, SBF	84.31%	2,580,295	349	1.05143	1.03725	2,676,401	367	12.59%	10.29%
IS-1&3, SBI-1&3	NA	1,434,558	NA	NA	1.01750	1,459,666	NA	6.86%	NA
SLJOL	770.77%	216,846	3	1.06585	1.04883	227,434	3	1.07%	0.08%
TOTAL		20,347,237	3,351			21,262,475	3,566	100.00%	100.00%

13

- (1) AVG 12 CP load factor based on actual 2004 calendar data.
- (2) Projected MWH sales for the period Jan. 2008 thru Dec. 2008.
- (3) Calculated: Col (2) / (8760\*Col (1)).
- (4) Based on 2004 demand losses.
- (5) Based on 2004 energy losses.
- (6) Col (2) \* Col (5).
- (7) Col (3) \* Col (4).
- (8) Col (6) / total for Col (6).
- (9) Col (7) / total for Col (7).

NOTE: Interruptible rates not included in demand allocation of capacity payments.

TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS  
JANUARY 2008 THROUGH DECEMBER 2008  
PROJECTED

	Estimated												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
1 UNIT POWER CAPACITY CHARGES	3,700,100	3,700,100	3,660,100	2,917,600	2,917,600	2,917,600	2,917,600	2,917,600	2,917,600	2,917,600	2,957,600	2,957,600	37,398,700
2 CAPACITY PAYMENTS TO COGENERATORS	2,218,500	2,075,300	2,218,500	2,147,000	2,218,500	2,147,000	2,218,500	2,218,500	2,147,000	2,218,500	2,147,000	2,218,500	26,192,800
3 SECURITY COSTS	95,487	134,036	261,103	171,981	229,945	349,427	356,446	90,726	89,637	108,760	81,230	98,088	2,066,866
4 (UNIT POWER CAPACITY REVENUES)	(8,400)	(14,800)	(5,800)	(32,700)	(52,500)	(38,200)	(30,500)	(26,300)	(47,500)	(37,200)	(36,900)	(15,700)	(346,500)
5 TOTAL CAPACITY DOLLARS	\$6,005,687	\$5,894,636	\$6,133,903	\$5,203,881	\$5,313,545	\$5,375,827	\$5,462,046	\$5,200,526	\$5,106,737	\$5,207,860	\$5,148,930	\$5,258,488	\$65,311,866
6 SEPARATION FACTOR	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	0.9666743	
7 JURISDICTIONAL CAPACITY DOLLARS	\$5,805,543	\$5,698,193	\$5,929,486	\$5,030,458	\$5,136,467	\$5,196,674	\$5,280,019	\$5,027,215	\$4,936,551	\$5,034,111	\$4,977,338	\$5,083,245	\$63,135,300
8 ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD JAN. 2007 - DEC. 2007													<u>23,796,584</u>
9 TOTAL													\$86,931,884
10 REVENUE TAX FACTOR													1.00072
11 TOTAL RECOVERABLE CAPACITY DOLLARS													<u>\$86,994,475</u>

14

**TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS  
JANUARY 2008 THROUGH DECEMBER 2008  
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) CAPACITY RECOVERY FACTOR (\$/MWH)
RS	46.06%	56.28%	3,081,357	45,195,429	48,276,786	9,337,419	5.17
GS, TS	5.45%	6.37%	364,598	5,115,403	5,480,001	1,104,962	4.96
GSD, EV-X	27.97%	26.98%	1,871,158	21,666,181	23,537,339	5,673,157	4.15
GSLD, SBF	12.59%	10.29%	842,255	8,263,343	9,105,598	2,580,295	3.53
IS-1&3, SBI-1&3	6.86%	NA	458,925	0	458,925	1,434,558	0.32
SL/OL	1.07%	0.08%	71,582	64,244	135,826	216,846	0.63
TOTAL	100.00%	100.00%	6,689,875	80,304,600	86,994,475	20,347,237	4.28
			7.69%	92.31%			

NOTE: Using the 12 CP and 1/13th allocation method requires 1/13th or 7.69% of capacity costs to be allocated on the basis of energy, and 12/13th or 92.31% to be allocated on the basis of demand.



## 2008 Incremental Security O&M Expense

### Calculation of 2008 Incremental Security O&M Expense:

*Based on Security Expenses at Locations Where Post-9/11 Guards Patrol  
and Expenses to Comply with Post-9/11 NERC Cyber Security Standards*

	<u>2008 Projection</u>
Adjusted Baseline Amount Developed in 2007	\$ 2,232,959
Multiplied by 2007 Growth Factor	1.0269
2008 Baseline Security O&M Expense Adjusted for Energy Sales Growth	<u>2,293,026</u>
Total Security O&M Expense at Locations Where Post-9/11 Guards Patrol	\$ 3,619,945
Incremental NERC Cyber-Security Expense	1,281,849
Less Baseline Adjusted for Energy Sales Growth	<u>(2,293,026)</u>
	2,608,768
<i>Base Rate Items that Were Removed</i>	
O&M Savings Associated with Critical Intervention Incremental Expense and Operational Changes	(470,334)
Savings Due to Reduction in Capital Spending	<u>(71,568)</u>
Recoverable Incremental Security O&M Expense <sup>1</sup>	<u>\$ 2,066,866</u>
Retail Jurisdictional Separation Factor	0.9666743
<b>2008 Recoverable Retail Incremental Security O&amp;M Expense</b>	<b>\$ 1,997,986</b>

<sup>1</sup> All incremental security O&M expense is for guard services and NERC cyber security standards.

**EXHIBIT TO THE TESTIMONY OF  
CARLOS ALDAZABAL**

**DOCUMENT NO. 2**

**PROJECTED FUEL AND PURCHASED POWER COST RECOVERY  
JANUARY 2008 - DECEMBER 2008**

**SCHEDULES E1 THROUGH E10  
SCHEDULE E12  
SCHEDULE H1**

TAMPA ELECTRIC COMPANY

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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	Schedule E6 Power Sold	( " )
25-26	Schedule E7 Purchased Power	( " )
27	Schedule E8 Energy Payment to Qualifying Facilities	( " )
28	Schedule E9 Economy Energy Purchases	( " )
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30	Schedule H1 Generating System Comparative Data	(JAN. - DEC. 2005-2008)

**FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008**

SCHEDULE E1

	DOLLARS	MWH	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	942,046,990	19,586,497	4.80968
2. Nuclear Fuel Disposal Cost	0	0	0.00000
3. Coal Car Investment	0	0	0.00000
4a. Adjustments to Fuel Cost (Ft. Meade / Wauchula Wheeling)	(109,740)	19,586,497 <sup>(1)</sup>	(0.00056)
4b. Adjustments to Fuel Cost	0	19,586,497 <sup>(1)</sup>	0.00000
<b>5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4c)</b>	<b>941,937,250</b>	<b>19,586,497</b>	<b>4.80912</b>
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	53,895,600	574,898	9.37481
7. Energy Cost of Economy Purchases (E9)	107,048,900	1,361,559	7.86223
8. Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9. Energy Payments to Qualifying Facilities (E8)	29,106,500	659,244	4.41513
<b>10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)</b>	<b>190,051,000</b>	<b>2,595,701</b>	<b>7.32176</b>
<b>11. TOTAL AVAILABLE KWH (LINE 5 + LINE 10)</b>		<b>22,182,198</b>	
12. Fuel Cost of Schedule D Sales - Jurisd. (E6)	586,000	10,813	5.41940
13. Fuel Cost of Market Based Sales - Jurisd. (E6)	5,657,600	124,156	4.55685
14. Gains on Sales	2,187,300	NA	NA
<b>15. TOTAL FUEL COST AND GAINS OF POWER SALES</b>	<b>8,430,900</b>	<b>134,969</b>	<b>6.24655</b>
16. Net Inadvertant Interchange		0	
17. Wheeling Received Less Wheeling Delivered		0	
18. Interchange and Wheeling Losses		2,600	
<b>19. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)</b>	<b>1,123,557,350</b>	<b>22,044,629</b>	<b>5.09674</b>
20. Net Unbilled	NA <sup>(1)(a)</sup>	NA <sup>(a)</sup>	NA
21. Company Use	1,834,826 <sup>(1)</sup>	36,000	0.00874
22. T & D Losses	52,196,401 <sup>(1)</sup>	1,024,113	0.24874
23. System MWH Sales	1,123,557,350	20,984,516	5.35422
24. Wholesale MWH Sales	(34,136,855)	(637,279)	5.35666
25. Jurisdictional MWH Sales	1,089,420,495	20,347,237	5.35414
26. Jurisdictional Loss Multiplier			1.00087
27. Jurisdictional MWH Sales Adjusted for Line Loss	1,090,368,291	20,347,237	5.35880
28. Waterborne Coal Transportation Contract Adj. (WCT) <sup>(2)</sup>	(15,315,380)	20,347,237	(0.07527)
29. True-up <sup>(3)</sup>	(15,392,712)	20,347,237	(0.07565)
30. Total Jurisdictional Fuel Cost (Excl. GPIF and Incl. WCT)	1,059,660,199	20,347,237	5.20788
31. Revenue Tax Factor			1.00072
32. Fuel Factor (Excl. GPIF) Adjusted for Taxes	1,060,423,154	20,347,237	5.21163
33. GPIF Adjusted for Taxes <sup>(3)</sup>	1,439,819	20,347,237	0.00708
<b>34. Fuel Factor Adjusted for Taxes Including GPIF</b>	<b>1,061,862,973</b>	<b>20,347,237</b>	<b>5.21871</b>
<b>35. Fuel Factor Rounded to Nearest .001 cents per KWH</b>			<b>5.219</b>

(a) Data not available at this time.

(1) Included For Informational Purposes Only

(2) Represents WCT adjustment for 2007 required by FPSC Order No. PSC-04-0999-FOF-EI.

(3) Calculation Based on Jurisdictional KWH Sales

**CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008**

SCHEDULE E1-A

1. ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2007 - December 2007 (6 months actual, 6 months estimated )	\$17,742,556
2. FINAL TRUE-UP (January 2006 - December 2006) (Per True-Up filed March 1, 2007)	<u>(2,349,844)</u>
3. TOTAL OVER/(UNDER) RECOVERY (Line 1 + Line 2) To be included in the 12-month projected period January 2008 through December 2008 (Schedule E1, line 28)	<u>\$15,392,712</u>
4. JURISDICTIONAL MWH SALES (Projected January 2008 through December 2008)	20,347,237
5. TRUE-UP FACTOR - cents/kWh (Line 3 / Line 4 • 100 cents / 1,000 kWh)	<b>-0.0757</b>

SCHEDULE E1-C

**INCENTIVE FACTOR AND TRUE-UP FACTOR  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008**

1. TOTAL AMOUNT OF ADJUSTMENTS		
A. GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2008 through December 2008)	\$1,439,819	
B. TRUE-UP OVER / (UNDER) RECOVERED (January 2007 through December 2007)	\$15,392,712	
2. TOTAL SALES (January 2008 through December 2008)	20,347,237	MWh
3. ADJUSTMENT FACTORS		
A. GENERATING PERFORMANCE INCENTIVE FACTOR	0.0071	Cents/kWh
B. TRUE-UP FACTOR	(0.0757)	Cents/kWh

FUEL ADJUSTMENT FACTOR FOR  
 OPTIONAL TIME-OF-DAY RATES  
 TAMPA ELECTRIC COMPANY

SCHEDULE E1-D

ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008

1. COST RATIO  
 ON-PEAK COST / OFF-PEAK COST =  $\frac{6.297}{4.633} = 1.3592$

2. SALES/GENERATION

34.18 % ON-PEAK

65.82 % OFF-PEAK

3. FORMULA

FUEL ADJUSTMENT FACTOR ADJUSTED FOR TAX AND GPIF = (% ON-PEAK GENERATION \* COST RATIO \* OFF-PEAK FACTOR) + (% OFF-PEAK GENERATION \* OFF-PEAK FACTOR)

$$\begin{aligned} 5.2187 &= 0.3418 * 1.3592 Y + 0.6582 Y \\ 5.2187 &= 1.1228 * Y \\ 4.6479 &= Y \end{aligned}$$

where Y = OFF-PEAK FACTOR and

$$\begin{aligned} X &= 1.3592 Y \\ X &= 1.3592 * 4.6479 \\ X &= 6.3174 \end{aligned}$$

where X = ON-PEAK FACTOR

4. FUEL COST (CENTS/KWH)  $\frac{\text{ON-PEAK}}{6.3174}$   $\frac{\text{OFF-PEAK}}{4.6479}$

5. FUEL FACTOR (CENTS/KWH, NEAREST 0.001) 6.317 4.648

**FUEL RECOVERY FACTORS - BY RATE GROUP  
(ADJUSTED FOR LINE/TRANSFORMATION LOSSES)  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008**

SCHEDULE E1-E

GROUP	RATE SCHEDULE	AVERAGE FACTOR	FUEL RECOVERY LOSS MULTIPLIER	FUEL RECOVERY FACTOR
A	RS,GS,TS	5.219	1.0042	5.241
A1*	SL-2, OL-1&3	5.219	N/A	4.920
B	GSD,GSLD,SBF	5.219	1.0004	5.221
C	IS-1&3,SBI-1&3	5.219	0.9742	5.084
A	RST,GST			
	ON-PEAK	6.317	1.0042	6.344
	OFF-PEAK	4.648	1.0042	4.668
B	GSDT, EV-X, GSLDT, SBFT			
	ON-PEAK	6.317	1.0004	6.320
	OFF-PEAK	4.648	1.0004	4.650
C	IST-1&3, SBIT-1&3			
	ON-PEAK	6.317	0.9742	6.154
	OFF-PEAK	4.648	0.9742	4.528

\* GROUP A1 IS BASED ON GROUP A, 15% ON-PEAK AND 85% OFF-PEAK



FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008

SCHEDULE E2

	(a)	(b)	(c)	(d)	(e)	(f)		(h)	(i)	(j)	(k)	(l)	(m)
	Jan-08	Feb-08	Mar-08	Apr-08	May-08	ESTIMATED		Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	TOTAL PERIOD
1. Fuel Cost of System Net Generation	62,896,108	68,533,200	60,578,472	56,121,828	85,928,229	88,359,661	101,470,838	103,612,964	89,878,999	79,720,616	68,255,914	76,690,161	942,046,990
2. Nuclear Fuel Disposal	0	0	0	0	0	0	0	0	0	0	0	0	0
3. Fuel Cost of Power Sold <sup>(1)</sup>	452,100	871,300	93,600	490,900	878,000	797,100	715,600	848,700	1,558,500	631,700	652,700	440,700	8,430,900
4. Fuel Cost of Purchased Power	2,303,400	1,529,000	3,227,000	4,146,700	5,409,300	6,401,900	9,209,800	10,166,200	5,862,000	2,157,200	1,708,400	1,774,700	53,895,600
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	2,363,000	2,122,700	2,185,400	2,382,100	2,339,700	2,417,700	2,597,600	2,813,900	2,996,400	2,369,900	2,156,500	2,351,600	29,106,500
7. Energy Cost of Economy Purchases	22,624,500	8,030,900	13,044,400	16,033,000	4,243,400	9,005,100	5,481,500	5,198,300	10,458,100	4,457,400	3,043,700	5,428,600	107,048,900
8a. Adj. to Fuel Cost (Fl. Meade/Wauchula Wheeling)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(9,145)	(108,740)
8b. Adj. To Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>9. TOTAL FUEL &amp; NET POWER TRANSACTIONS</b>	<b>89,725,763</b>	<b>79,335,355</b>	<b>78,932,527</b>	<b>78,193,583</b>	<b>97,033,484</b>	<b>105,378,116</b>	<b>118,034,993</b>	<b>120,933,519</b>	<b>107,627,854</b>	<b>88,064,271</b>	<b>74,502,669</b>	<b>85,795,216</b>	<b>1,123,557,350</b>
10. Jurisdictional MWh Sold	1,609,833	1,457,852	1,419,115	1,492,171	1,657,376	1,892,473	1,976,080	1,972,363	1,961,934	1,796,186	1,557,051	1,554,823	20,347,237
11. Jurisdictional % of Total Sales	0.9586032	0.9677600	0.9684954	0.9675060	0.9694763	0.9701651	0.9704255	0.9674099	0.9685746	0.9685998	0.9717460	0.9773401	
12. Jurisdictional Total Fuel & Net Power Transactions (Line 9 * Line 11)	86,908,661	76,777,583	76,445,789	75,652,761	94,071,663	102,234,170	114,544,167	116,992,284	104,245,606	85,299,035	72,397,671	83,851,105	1,089,420,495
13. Jurisdictional Loss Multiplier	1.00087	1.00087	1.00087	1.00087	1.00087	1.00087	1.00087	1.00087	1.00087	1.00087	1.00087	1.00087	
14. JURISD. TOTAL FUEL & NET PWR. TRANS. Adjusted for Line Losses (Line 12 * Line 13)	86,984,272	78,844,379	76,512,297	75,718,579	94,153,505	102,323,114	114,643,820	117,094,067	104,336,300	85,373,245	72,460,657	83,924,055	1,090,368,290
15. Waterborne Coal Transportation Contract Adj. (WCT) (Per FPSC Order No. PSC-04-0999-FOF-EI)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,282)	(1,276,278)	(15,315,380)
<b>16. JURISD. TOTAL FUEL &amp; NET PWR. TRANS. (Incl. Waterborne Coal Transportation Contract Adj.)</b>	<b>85,707,990</b>	<b>75,568,097</b>	<b>75,236,015</b>	<b>74,442,297</b>	<b>92,877,223</b>	<b>101,046,832</b>	<b>113,367,538</b>	<b>115,817,785</b>	<b>103,060,018</b>	<b>84,096,963</b>	<b>71,184,375</b>	<b>82,647,777</b>	<b>1,075,052,910</b>
17. Cost Per kWh Sold (Cents/kWh)	5.3240	5.1835	5.3016	4.9889	5.6039	5.3394	5.7370	5.8720	5.2530	4.6820	4.5717	5.3156	5.2835
18. True-up (Cents/kWh) <sup>(2)</sup>	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757	-0.0757
19. Total (Cents/kWh) (Line 17+18)	5.2483	5.1078	5.2259	4.9132	5.5282	5.2637	5.6613	5.7963	5.1773	4.6063	4.4960	5.2399	5.2078
20. Revenue Tax Factor	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072	1.00072
21. Recovery Factor Adjusted for Taxes (Cents/kWh) (Excluding GPIF)	5.2521	5.1115	5.2297	4.9167	5.5322	5.2875	5.6654	5.8005	5.1810	4.6096	4.4992	5.2437	5.2115
22. GPIF Adjusted for Taxes (Cents/kWh) <sup>(2)</sup>	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071	0.0071
<b>23. TOTAL RECOVERY FACTOR (LINE 21+22)</b>	<b>5.2592</b>	<b>5.1186</b>	<b>5.2368</b>	<b>4.9238</b>	<b>5.5393</b>	<b>5.2746</b>	<b>5.6725</b>	<b>5.8076</b>	<b>5.1881</b>	<b>4.6167</b>	<b>4.5063</b>	<b>5.2508</b>	<b>5.2186</b>
<b>24. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH</b>	<b>5.259</b>	<b>5.119</b>	<b>5.237</b>	<b>4.924</b>	<b>5.539</b>	<b>5.275</b>	<b>5.673</b>	<b>5.808</b>	<b>5.188</b>	<b>4.617</b>	<b>4.506</b>	<b>5.251</b>	<b>5.219</b>

<sup>(1)</sup> Includes Gains  
<sup>(2)</sup> Based on Jurisdictional Sales Only

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH JUNE 2008

SCHEDULE E3

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>						
1. HEAVY OIL	158,113	133,494	254,212	511,014	231,090	723,396
2. LIGHT OIL	670,369	206,215	465,038	621,669	691,870	697,616
3. COAL	22,374,244	18,468,037	21,510,561	26,502,356	28,459,367	27,804,296
4. NATURAL GAS	39,693,382	49,725,454	38,348,661	28,486,789	56,545,902	59,134,353
5. NUCLEAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
<b>7. TOTAL (\$)</b>	<b>62,896,108</b>	<b>68,533,200</b>	<b>60,578,472</b>	<b>56,121,828</b>	<b>85,928,229</b>	<b>88,359,661</b>
<b>SYSTEM NET GENERATION (MWH)</b>						
8. HEAVY OIL	1,816	1,488	2,835	5,664	2,457	7,944
9. LIGHT OIL	4,799	1,493	3,369	4,501	5,070	5,122
10. COAL	802,325	660,305	762,623	933,852	1,002,582	978,875
11. NATURAL GAS	490,459	660,035	560,068	400,107	825,668	845,428
12. NUCLEAR	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0
<b>14. TOTAL (MWH)</b>	<b>1,299,399</b>	<b>1,323,321</b>	<b>1,328,895</b>	<b>1,344,124</b>	<b>1,835,777</b>	<b>1,837,369</b>
<b>UNITS OF FUEL BURNED</b>						
15. HEAVY OIL (BBL)	2,814	2,302	4,390	8,739	3,803	12,277
16. LIGHT OIL (BBL)	12,333	6,301	9,749	12,670	13,765	13,971
17. COAL (TON)	356,437	295,515	340,215	417,074	449,124	440,290
18. NATURAL GAS (MCF)	3,553,400	4,715,000	4,038,400	2,899,200	6,088,000	6,297,400
19. NUCLEAR (MMBTU)	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0
<b>BTUS BURNED (MMBTU)</b>						
21. HEAVY OIL	35,332	28,908	55,130	109,744	47,762	154,170
22. LIGHT OIL	50,894	15,843	35,701	47,831	54,308	54,994
23. COAL	8,505,126	6,999,599	8,092,833	9,908,243	10,662,946	10,450,183
24. NATURAL GAS	3,652,851	4,847,080	4,151,525	2,980,215	6,258,529	6,473,679
25. NUCLEAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
<b>27. TOTAL (MMBTU)</b>	<b>12,244,203</b>	<b>11,891,430</b>	<b>12,335,189</b>	<b>13,046,033</b>	<b>17,023,545</b>	<b>17,133,026</b>
<b>GENERATION MIX (% MWH)</b>						
28. HEAVY OIL	0.14	0.11	0.21	0.42	0.13	0.43
29. LIGHT OIL	0.37	0.11	0.25	0.33	0.28	0.28
30. COAL	61.74	49.90	57.39	69.48	54.61	53.28
31. NATURAL GAS	37.75	49.88	42.15	29.77	44.98	46.01
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
<b>34. TOTAL (%)</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>
<b>FUEL COST PER UNIT</b>						
35. HEAVY OIL (\$/BBL)	56.19	57.99	57.91	58.48	60.77	58.92
36. LIGHT OIL (\$/BBL)	54.36	32.73	47.70	49.07	50.26	49.93
37. COAL (\$/TON)	62.77	62.49	63.23	63.54	63.37	63.15
38. NATURAL GAS (\$/MCF)	11.17	10.55	9.50	9.83	9.29	9.39
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
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>						
41. HEAVY OIL	4.48	4.62	4.61	4.66	4.84	4.69
42. LIGHT OIL	13.17	13.02	13.03	13.00	12.74	12.69
43. COAL	2.63	2.64	2.66	2.67	2.67	2.66
44. NATURAL GAS	10.87	10.26	9.24	9.56	9.04	9.13
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
<b>47. TOTAL (\$/MMBTU)</b>	<b>5.14</b>	<b>5.76</b>	<b>4.91</b>	<b>4.30</b>	<b>5.05</b>	<b>5.16</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>						
48. HEAVY OIL	19,456	19,427	19,446	19,376	19,439	19,407
49. LIGHT OIL	10,605	10,612	10,597	10,627	10,712	10,737
50. COAL	10,601	10,601	10,612	10,610	10,635	10,676
51. NATURAL GAS	7,448	7,344	7,413	7,449	7,580	7,657
52. NUCLEAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
<b>54. TOTAL (BTU/KWH)</b>	<b>9,423</b>	<b>8,986</b>	<b>9,282</b>	<b>9,706</b>	<b>9,273</b>	<b>9,325</b>
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>						
55. HEAVY OIL	8.71	8.97	8.97	9.02	9.41	9.11
56. LIGHT OIL	13.97	13.81	13.80	13.81	13.65	13.62
57. COAL	2.79	2.80	2.82	2.84	2.84	2.84
58. NATURAL GAS	8.09	7.53	6.85	7.12	6.85	6.99
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
<b>61. TOTAL (CENTS/KWH)</b>	<b>4.84</b>	<b>5.18</b>	<b>4.56</b>	<b>4.18</b>	<b>4.68</b>	<b>4.81</b>

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JULY 2008 THROUGH DECEMBER 2008

SCHEDULE E3

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	TOTAL
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1. HEAVY OIL	924,630	961,762	769,708	276,392	127,202	180,118	5,251,131
2. LIGHT OIL	861,659	868,416	644,726	624,844	598,561	481,286	7,432,269
3. COAL	28,910,885	28,753,585	25,790,309	27,799,278	24,363,321	22,635,150	303,371,389
4. NATURAL GAS	70,773,664	73,029,201	62,674,256	51,020,102	43,166,830	53,393,607	625,992,201
5. NUCLEAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	101,470,838	103,612,964	89,878,999	79,720,616	68,255,914	76,690,161	942,046,990
<b>SYSTEM NET GENERATION (MWH)</b>							
8. HEAVY OIL	10,128	10,532	8,256	2,898	1,301	1,825	57,144
9. LIGHT OIL	6,223	6,256	4,789	4,673	4,493	3,625	54,413
10. COAL	1,012,538	1,014,392	914,846	989,863	865,243	801,626	10,739,070
11. NATURAL GAS	971,339	992,493	880,543	753,782	616,606	739,342	8,735,870
12. NUCLEAR	0	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	2,000,228	2,023,673	1,808,434	1,751,216	1,487,643	1,546,418	19,586,497
<b>UNITS OF FUEL BURNED</b>							
15. HEAVY OIL (BBL)	15,738	16,379	12,805	4,470	2,014	2,825	88,556
16. LIGHT OIL (BBL)	16,285	16,382	12,885	13,391	12,566	9,725	150,013
17. COAL (TON)	458,208	457,328	409,254	440,715	384,330	358,854	4,807,344
18. NATURAL GAS (MCF)	7,365,800	7,513,200	6,449,200	5,442,700	4,427,900	5,283,600	64,073,800
19. NUCLEAR (MMBTU)	0	0	0	0	0	0	0
20. OTHER	0	0	0	0	0	0	0
<b>BTUS BURNED (MMBTU)</b>							
21. HEAVY OIL	197,642	205,684	160,802	56,132	25,292	35,476	1,112,074
22. LIGHT OIL	68,608	69,341	51,178	49,505	47,547	38,408	584,158
23. COAL	10,876,186	10,895,316	9,764,633	10,506,506	9,181,303	8,492,257	114,335,131
24. NATURAL GAS	7,572,090	7,723,629	6,629,841	5,595,160	4,551,748	5,431,559	65,867,906
25. NUCLEAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	18,714,526	18,893,970	16,606,454	16,207,303	13,805,890	13,997,700	181,899,269
<b>GENERATION MIX (% MWH)</b>							
28. HEAVY OIL	0.51	0.52	0.46	0.17	0.09	0.12	0.29
29. LIGHT OIL	0.31	0.31	0.26	0.27	0.30	0.23	0.28
30. COAL	50.62	50.13	50.59	56.52	58.16	51.84	54.83
31. NATURAL GAS	48.56	49.04	48.69	43.04	41.45	47.81	44.60
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
<b>FUEL COST PER UNIT</b>							
35. HEAVY OIL (\$/BBL)	58.75	58.72	60.11	61.83	63.16	63.76	59.30
36. LIGHT OIL (\$/BBL)	52.91	53.01	50.04	46.66	47.67	49.49	49.54
37. COAL (\$/TON)	63.10	62.87	63.02	63.08	63.39	63.08	63.11
38. NATURAL GAS (\$/MCF)	9.61	9.72	9.72	9.37	9.75	10.11	9.77
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
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>							
41. HEAVY OIL	4.68	4.68	4.79	4.92	5.03	5.08	4.72
42. LIGHT OIL	12.56	12.52	12.80	12.62	12.59	12.53	12.72
43. COAL	2.66	2.64	2.64	2.65	2.65	2.67	2.65
44. NATURAL GAS	9.35	9.46	9.45	9.12	9.48	9.83	9.50
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)	5.42	5.48	5.41	4.92	4.94	5.48	5.18
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48. HEAVY OIL	19,514	19,529	19,477	19,369	19,440	19,439	19,461
49. LIGHT OIL	11,025	11,084	10,687	10,594	10,582	10,595	10,736
50. COAL	10,742	10,741	10,674	10,614	10,611	10,594	10,647
51. NATURAL GAS	7,796	7,782	7,529	7,423	7,382	7,346	7,540
52. NUCLEAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	9,356	9,336	9,183	9,255	9,280	9,052	9,287
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>							
55. HEAVY OIL	9.13	9.13	9.32	9.54	9.78	9.87	9.19
56. LIGHT OIL	13.85	13.88	13.46	13.37	13.32	13.28	13.66
57. COAL	2.86	2.83	2.82	2.81	2.82	2.82	2.82
58. NATURAL GAS	7.29	7.36	7.12	6.77	7.00	7.22	7.17
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)	5.07	5.12	4.97	4.55	4.59	4.96	4.81

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: JANUARY 2008

(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	188,363	65.8	66.0	91.3	10,561	COAL	85,305	23,319,970	1,989,310.0	5,197,937	2.76	60.93
2. B.B.#2	395	202,571	68.9	69.1	91.3	10,633	COAL	89,152	24,160,198	2,153,930.0	5,432,348	2.68	60.93
3. B.B.#3	400	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
4. B.B.#4	442	260,936	79.3	80.0	87.9	10,603	COAL	118,645	23,319,904	2,766,790.0	7,229,461	2.77	60.93
5. B.B. STA.	1,622	651,870	54.0	54.3	22.7	10,600	COAL	293,102	23,575,513	6,910,030.0	17,859,746	2.74	60.93
6. PHILLIPS #1 (HVY OIL)	18	927	6.9	100.0	54.8	19,057	HVY OIL	1,437	12,293,667	17,666.0	80,742	8.71	56.19
7. PHILLIPS #2 (HVY OIL)	18	889	6.6	100.0	53.7	19,872	HVY OIL	1,377	12,829,339	17,666.0	77,371	8.70	56.19
8. SEB-PHILLIPS TOTAL	36	1,816	6.8	100.0	27.1	19,456	HVY OIL	2,814	12,555,792	35,332.0	158,113	8.71	56.19
9. POLK #1 GASIFIER	260	150,455	77.8	-	-	10,602	COAL	63,335	25,185,064	1,595,096.0	4,514,498	3.00	71.28
10. POLK #1 CT OIL	245	4,653	2.6	-	-	10,580	LGT OIL	8,494	5,795,738	49,229.0	655,145	14.08	77.13
11. POLK #1 TOTAL	260	155,108	80.2	80.7	90.3	10,601	-	-	-	1,644,325.0	5,169,643	3.33	-
12. POLK #2 CT GAS	175	1,384	1.1	-	-	12,048	GAS	16,200	1,029,321	16,675.0	180,959	13.08	11.17
13. POLK #2 CT OIL	184	73	0.1	-	-	11,301	LGT OIL	100	8,250,000	825.0	7,320	10.03	73.20
14. POLK #2 TOTAL	184	1,457	1.1	100.0	72.0	12,011	-	-	-	17,500.0	188,279	12.92	-
15. POLK #3 CT GAS	175	1,339	1.0	0.0	-	12,026	GAS	15,700	1,025,669	16,103.0	175,374	13.10	11.17
16. POLK #3 CT OIL	184	70	0.1	0.0	-	11,357	LGT OIL	100	7,950,000	795.0	7,320	10.46	73.20
17. POLK #3 TOTAL	184	1,409	1.0	100.0	76.6	11,993	-	-	-	16,898.0	182,694	12.97	-
18. POLK #4 CT GAS	180	1781	1.3	100.0	66.0	12,618	GAS	21,900	1,026,119	22472.0	244,630	13.74	11.17
19. POLK #5 CT GAS	180	1479	1.1	100.0	74.7	12,114	GAS	17,400	1,029,713	17917.0	194,363	13.14	11.17
20. CITY OF TAMPA GAS	3	71	3.2	100.0	42.3	10,479	GAS	700	1,062,857	744.0	8,657	12.19	12.37
21. BAYSIDE #1	793	187,324	31.8	92.6	69.3	7,363	GAS	1,341,800	1,027,962	1,379,320.0	14,988,309	8.00	11.17
22. BAYSIDE #2	1,048	297,081	38.1	91.9	77.5	7,404	GAS	2,139,700	1,028,004	2,199,620.0	23,901,091	8.05	11.17
23. BAYSIDE TOTAL	1,841	484,405	35.4	92.2	37.2	7,388	GAS	3,481,500	1,027,988	3,578,940.0	38,889,400	8.03	11.17
24. B.B.C.T.#1	13	0	0.0	100.0	0.0	0	LGT OIL	0	0	3.0	0	0.00	0.00
25. B.B.C.T.#2	80	2	0.0	66.0	0.0	14,500	LGT OIL	5	5,800,000	29.0	417	20.85	83.40
26. B.B.C.T.#3	45	1	0.0	66.0	0.0	13,000	LGT OIL	2	6,500,000	13.0	167	16.70	83.50
27. C.T. TOTAL (OIL)	138	3	0.0	69.2	0.0	15,000	LGT OIL	7	6,428,571	45.0	584	19.47	83.43
28. TOT COAL (BB,POLK)	1,882	802,325	57.3	46.8	24.1	10,601	COAL	356,437	23,861,513	8,505,126.0	22,374,244	2.79	62.77
29. SYSTEM	4,628	1,299,399	37.7	78.9	10.2	9,423	-	-	-	12,244,203.0	62,896,109	4.84	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

27

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: FEBRUARY 2008

(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	176,799	66.0	66.0	91.7	10,560	COAL	80,062	23,319,927	1,867,040.0	4,939,022	2.79	61.69
2. B.B.#2	395	190,074	69.1	69.1	91.5	10,632	COAL	83,643	24,160,061	2,020,820.0	5,159,934	2.71	61.69
3. B.B.#3	400	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
4. B.B.#4	442	245,917	79.9	80.0	88.5	10,603	COAL	111,811	23,319,977	2,607,430.0	6,897,616	2.80	61.69
5. B.B. STA.	1,622	612,790	54.3	54.3	22.8	10,600	COAL	275,516	23,575,001	6,495,290.0	16,996,572	2.77	61.69
6. PHILLIPS #1 (HVY OIL)	18	740	5.9	100.0	50.8	19,532	HVY OIL	1,145	12,623,581	14,454.0	66,399	8.97	57.99
7. PHILLIPS #2 (HVY OIL)	18	748	6.0	100.0	50.7	19,324	HVY OIL	1,157	12,492,653	14,454.0	67,095	8.97	57.99
8. SEB-PHILLIPS TOTAL	36	1,488	5.9	100.0	25.4	19,427	HVY OIL	2,302	12,557,776	28,908.0	133,494	8.97	57.99
9. POLK #1 GASIFIER	260	47,515	26.3	-	-	10,614	COAL	19,999	25,216,711	504,309.0	1,471,465	3.10	73.58
10. POLK #1 CT OIL	245	1,470	0.9	-	-	10,575	LGT OIL	2,682	5,796,048	15,545.0	206,215	14.03	76.89
11. POLK #1 TOTAL	260	48,985	27.1	27.8	90.6	10,613	-	-	-	519,854.0	1,677,680	3.42	-
12. POLK #2 CT GAS	175	250	0.2	-	-	15,004	GAS	3,600	1,041,944	3,751.0	37,966	15.19	10.55
13. POLK #2 CT OIL	184	13	0.0	-	-	13,154	LGT OIL	0	0	171.0	0	0.00	0.00
14. POLK #2 TOTAL	184	263	0.2	100.0	47.6	14,913	-	-	-	3,922.0	37,966	14.44	-
15. POLK #3 CT GAS	175	182	0.1	0.0	-	15,648	GAS	2,800	1,017,143	2,848.0	29,529	16.22	10.55
16. POLK #3 CT OIL	184	10	0.0	0.0	-	12,400	LGT OIL	0	0	124.0	0	0.00	0.00
17. POLK #3 TOTAL	184	192	0.1	100.0	52.2	15,479	-	-	-	2,972.0	29,529	15.38	-
18. POLK #4 CT GAS	180	438	0.3	100.0	48.7	14,249	GAS	6,100	1,023,115	6,241.0	64,331	14.69	10.55
19. POLK #5 CT GAS	180	337	0.3	100.0	46.8	14,481	GAS	4,700	1,038,298	4,880.0	49,567	14.71	10.55
20. CITY OF TAMPA GAS	3	50	2.4	100.0	35.5	10,400	GAS	500	1,040,000	520.0	5,865	11.73	11.73
21. BAYSIDE #1	793	345,203	62.5	92.6	73.4	7,260	GAS	2,437,800	1,028,001	2,506,060.0	25,709,283	7.45	10.55
22. BAYSIDE #2	1,048	313,575	43.0	91.9	63.0	7,407	GAS	2,259,500	1,028,006	2,322,780.0	23,828,913	7.60	10.55
23. BAYSIDE TOTAL	1,841	658,778	51.4	92.2	33.5	7,330	GAS	4,697,300	1,028,003	4,828,840.0	49,538,196	7.52	10.55
24. B.B.C.T.#1	13	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	0	0.0	66.0	0.0	0	LGT OIL	0	0	2.0	0	0.00	0.00
26. B.B.C.T.#3	45	0	0.0	66.0	0.0	0	LGT OIL	0	0	1.0	0	0.00	0.00
27. C.T. TOTAL (OIL)	138	0	0.0	69.2	0.0	0	LGT OIL	0	0	3.0	0	0.00	0.00
28. TOT COAL (BB,POLK)	1,882	660,305	50.4	46.8	21.2	10,601	COAL	295,515	23,686,104	6,999,599.0	18,468,037	2.80	62.49
29. SYSTEM	4,628	1,323,321	41.1	75.9	9.7	8,986	-	-	-	11,891,430.0	68,533,200	5.18	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

28

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: MARCH 2008

(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	188,874	65.9	66.0	91.5	10,616	COAL	85,986	23,319,843	2,005,180.0	5,318,001	2.82	61.85
2. B.B.#2	395	203,124	69.1	69.1	91.5	10,609	COAL	89,192	24,160,239	2,154,900.0	5,516,284	2.72	61.85
3. B.B.#3	400	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
4. B.B.#4	442	262,575	79.8	80.0	88.4	10,618	COAL	119,557	23,319,923	2,788,060.0	7,394,277	2.82	61.85
5. B.B. STA.	1,622	654,573	54.2	54.3	22.8	10,615	COAL	294,735	23,574,194	6,948,140.0	18,228,562	2.78	61.85
6. PHILLIPS #1 (HVY OIL)	18	1,410	10.5	100.0	52.6	19,550	HVY OIL	2,183	12,627,119	27,565.0	126,411	8.97	57.91
7. PHILLIPS #2 (HVY OIL)	18	1,425	10.6	100.0	52.4	19,344	HVY OIL	2,207	12,489,805	27,565.0	127,801	8.97	57.91
8. SEB-PHILLIPS TOTAL	36	2,835	10.6	100.0	26.3	19,446	HVY OIL	4,390	12,558,087	55,130.0	254,212	8.97	57.91
9. POLK #1 GASIFIER	260	108,050	55.9	-	-	10,594	COAL	45,480	25,169,151	1,144,693.0	3,281,999	3.04	72.16
10. POLK #1 CT OIL	245	3,342	1.8	-	-	10,578	LGT OIL	6,099	5,796,196	35,351.0	464,528	13.90	76.16
11. POLK #1 TOTAL	260	111,392	57.6	57.3	90.4	10,594	-	-	-	1,180,044.0	3,746,527	3.36	-
12. POLK #2 CT GAS	175	353	0.3	-	-	14,252	GAS	4,800	1,048,125	5,031.0	45,580	12.91	9.50
13. POLK #2 CT OIL	184	19	0.0	-	-	12,526	LGT OIL	0	0	238.0	0	0.00	0.00
14. POLK #2 TOTAL	184	372	0.3	100.0	50.5	14,164	-	-	-	5,269.0	45,580	12.25	-
15. POLK #3 CT GAS	175	114	0.1	0.0	-	17,167	GAS	1,900	1,030,000	1,957.0	18,042	15.83	9.50
16. POLK #3 CT OIL	184	6	0.0	0.0	-	12,833	LGT OIL	0	0	77.0	0	0.00	0.00
17. POLK #3 TOTAL	184	120	0.1	100.0	65.2	16,950	-	-	-	2,034.0	18,042	15.04	-
18. POLK #4 CT GAS	180	2484	1.9	100.0	65.7	12,252	GAS	29,600	1,028,142	30433.0	281,076	11.32	9.50
19. POLK #5 CT GAS	180	1167	0.9	100.0	54.0	13,021	GAS	14,800	1,026,757	15196.0	140,538	12.04	9.50
20. CITY OF TAMPA GAS	3	73	3.3	100.0	52.9	10,521	GAS	700	1,097,143	768.0	7,469	10.23	10.67
21. BAYSIDE #1	793	308,091	52.2	71.7	82.5	7,307	GAS	2,189,900	1,027,983	2,251,180.0	20,794,852	6.75	9.50
22. BAYSIDE #2	1,048	247,786	31.8	41.5	88.9	7,454	GAS	1,796,700	1,027,974	1,846,960.0	17,061,104	6.89	9.50
23. BAYSIDE TOTAL	1,841	555,877	40.6	54.5	41.0	7,372	GAS	3,986,600	1,027,979	4,098,140.0	37,855,956	6.81	9.50
24. B.B.C.T.#1	13	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	2	0.0	66.0	0.0	13,000	LGT OIL	4	6,500,000	26.0	408	20.40	102.00
26. B.B.C.T.#3	45	0	0.0	66.0	0.0	0	LGT OIL	1	9,000,000	9.0	102	0.00	102.00
27. C.T. TOTAL (OIL)	138	2	0.0	69.2	0.0	17,500	LGT OIL	5	7,000,000	35.0	510	25.50	102.00
28. TOT COAL (BB,POLK)	1,882	762,623	54.5	46.8	22.9	10,612	COAL	340,215	23,787,408	8,092,833.0	21,510,561	2.82	63.23
29. SYSTEM	4,628	1,328,895	38.6	62.6	9.9	9,282	-	-	-	12,335,189.0	60,578,472	4.56	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

29

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: APRIL 2008

(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	375	178,254	66.0	66.0	91.8	10,610	COAL	81,102	23,320,017	1,891,300.0	5,032,122	2.82	62.05
2. B.B.#2	385	192,295	69.4	69.1	91.8	10,605	COAL	84,410	24,160,052	2,039,350.0	5,237,373	2.72	62.05
3. B.B.#3	390	171,405	61.0	61.5	90.6	10,645	COAL	78,242	23,319,828	1,824,590.0	4,854,668	2.83	62.05
4. B.B.#4	432	248,207	79.8	80.0	88.4	10,606	COAL	112,890	23,319,957	2,632,590.0	7,004,466	2.82	62.05
5. B.B. STA.	1,582	790,161	69.4	69.5	22.7	10,615	COAL	356,644	23,518,775	8,387,830.0	22,128,629	2.80	62.05
6. PHILLIPS #1 (HVY OIL)	17	1,986	16.2	53.3	85.9	27,629	HVY OIL	3,064	17,908,616	54,872.0	179,168	9.02	58.48
7. PHILLIPS #2 (HVY OIL)	17	3,678	30.0	86.7	85.9	14,919	HVY OIL	5,675	9,669,075	54,872.0	331,846	9.02	58.48
8. SEB-PHILLIPS TOTAL	34	5,664	23.1	70.0	42.9	19,376	HVY OIL	8,739	12,557,959	109,744.0	511,014	9.02	58.48
9. POLK #1 GASIFIER	255	143,691	78.3	-	-	10,581	COAL	60,430	25,159,904	1,520,413.0	4,373,727	3.04	72.38
10. POLK #1 CT OIL	225	4,444	2.7	-	-	10,570	LGT OIL	8,104	5,796,027	46,971.0	609,751	13.72	75.24
11. POLK #1 TOTAL	255	148,135	80.7	80.7	90.9	10,581	-	-	-	1,567,384.0	4,983,478	3.36	-
12. POLK #2 CT GAS	150	607	0.6	-	-	12,560	GAS	7,400	1,030,270	7,624.0	72,709	11.98	9.83
13. POLK #2 CT OIL	160	32	0.0	-	-	11,719	LGT OIL	100	3,750,000	375.0	7,042	22.01	70.42
14. POLK #2 TOTAL	160	639	0.6	100.0	79.9	12,518	-	-	-	7,999.0	79,751	12.48	-
15. POLK #3 CT GAS	150	212	0.2	0.0	-	14,726	GAS	3,100	1,007,097	3,122.0	30,459	14.37	9.83
16. POLK #3 CT OIL	165	11	0.0	0.0	-	12,545	LGT OIL	0	0	138.0	0	0.00	0.00
17. POLK #3 TOTAL	165	223	0.2	100.0	67.6	14,619	-	-	-	3,260.0	30,459	13.66	-
18. POLK #4 CT GAS	155	5134	4.6	100.0	87.2	12,065	GAS	60,300	1,027,214	61941.0	592,478	11.54	9.83
19. POLK #5 CT GAS	155	2607	2.3	100.0	84.1	12,114	GAS	30,700	1,028,730	31582.0	301,643	11.57	9.83
20. CITY OF TAMPA GAS	3	57	2.6	100.0	70.4	10,456	GAS	600	993,333	596.0	6,594	11.57	10.99
21. BAYSIDE #1	702	391,490	77.5	92.6	92.8	7,345	GAS	2,797,100	1,027,975	2,875,350.0	27,482,906	7.02	9.83
22. BAYSIDE #2	930	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
23. BAYSIDE TOTAL	1,632	391,490	33.3	39.9	39.9	7,345	GAS	2,797,100	1,027,975	2,875,350.0	27,482,906	7.02	9.83
24. B.B.C.T.#1	12	0	0.0	100.0	0.0	0	LGT OIL	1	6,000,000	6.0	81	0.00	81.00
25. B.B.C.T.#2	60	9	0.0	66.0	0.0	21,222	LGT OIL	33	5,787,879	191.0	2,682	29.80	81.27
26. B.B.C.T.#3	45	5	0.0	66.0	0.0	30,000	LGT OIL	26	5,769,231	150.0	2,113	42.26	81.27
27. C.T. TOTAL (OIL)	117	14	0.0	69.5	0.0	24,786	LGT OIL	60	5,783,333	347.0	4,876	34.83	81.27
28. TOT COAL (BB,POLK)	1,837	933,852	70.6	59.8	23.1	10,610	COAL	417,074	23,756,559	9,908,243.0	26,502,356	2.84	63.54
29. SYSTEM	4,258	1,344,124	43.8	63.4	9.7	9,706	-	-	-	13,046,033.0	56,121,828	4.18	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

30

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: MAY 2008

(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	375	183,337	65.7	66.0	91.2	10,676	COAL	83,935	23,319,950	1,957,360.0	5,194,071	2.83	61.88
2. B.B.#2	385	197,881	69.1	69.1	91.5	10,631	COAL	87,072	24,160,235	2,103,680.0	5,388,195	2.72	61.88
3. B.B.#3	390	218,514	75.3	76.9	89.5	10,633	COAL	99,635	23,320,018	2,323,490.0	6,165,619	2.82	61.88
4. B.B.#4	432	254,761	79.3	80.0	87.8	10,635	COAL	116,189	23,319,850	2,709,510.0	7,190,015	2.82	61.88
5. B.B. STA.	<b>1,582</b>	<b>854,493</b>	<b>72.6</b>	<b>73.3</b>	<b>22.5</b>	<b>10,643</b>	<b>COAL</b>	<b>386,831</b>	<b>23,509,078</b>	<b>9,094,040.0</b>	<b>23,937,900</b>	<b>2.80</b>	<b>61.88</b>
6. PHILLIPS #1 (HVY OIL)	17	1,117	8.8	100.0	58.1	21,380	HVY OIL	1,729	13,812,030	23,881.0	105,063	9.41	60.77
7. PHILLIPS #2 (HVY OIL)	17	1,340	10.6	0.0	59.7	17,822	HVY OIL	2,074	11,514,465	23,881.0	126,027	9.41	60.77
8. SEB-PHILLIPS TOTAL	<b>34</b>	<b>2,457</b>	<b>9.7</b>	<b>50.0</b>	<b>29.5</b>	<b>19,439</b>	<b>HVY OIL</b>	<b>3,803</b>	<b>12,559,032</b>	<b>47,762.0</b>	<b>231,090</b>	<b>9.41</b>	<b>60.77</b>
9. POLK #1 GASIFIER	255	148,089	78.1	-	-	10,594	COAL	62,293	25,185,912	1,568,906.0	4,521,467	3.05	72.58
10. POLK #1 CT OIL	225	4,580	2.7	-	-	10,572	LGT OIL	8,354	5,795,906	48,419.0	621,458	13.57	74.39
11. POLK #1 TOTAL	<b>255</b>	<b>152,669</b>	<b>80.5</b>	<b>80.7</b>	<b>90.6</b>	<b>10,594</b>				<b>1,617,325.0</b>	<b>5,142,925</b>	<b>3.37</b>	
12. POLK #2 CT GAS	150	5,521	4.9	-	-	12,957	GAS	69,600	1,027,802	71,535.0	646,438	11.71	9.29
13. POLK #2 CT OIL	160	291	0.2	-	-	12,124	LGT OIL	600	5,880,000	3,528.0	42,006	14.44	70.01
14. POLK #2 TOTAL	<b>160</b>	<b>5,812</b>	<b>4.9</b>	<b>100.0</b>	<b>64.9</b>	<b>12,915</b>				<b>75,063.0</b>	<b>688,444</b>	<b>11.85</b>	
15. POLK #3 CT GAS	150	3,771	3.4	0.0	-	12,547	GAS	46,000	1,028,565	47,314.0	427,243	11.33	9.29
16. POLK #3 CT OIL	165	198	0.2	0.0	-	11,778	LGT OIL	400	5,830,000	2,332.0	28,004	14.14	70.01
17. POLK #3 TOTAL	<b>165</b>	<b>3,969</b>	<b>3.2</b>	<b>100.0</b>	<b>68.7</b>	<b>12,508</b>				<b>49,646.0</b>	<b>455,247</b>	<b>11.47</b>	
18. POLK #4 CT GAS	155	8778	7.6	100.0	69.1	12,866	GAS	110,000	1,028,282	113111.0	1,021,669	11.64	9.29
19. POLK #5 CT GAS	155	7262	6.3	100.0	67.9	12,878	GAS	91,000	1,027,714	93522.0	845,199	11.64	9.29
20. CITY OF TAMPA GAS	3	99	4.4	100.0	64.7	10,475	GAS	1,000	1,037,000	1,037.0	10,455	10.56	10.46
21. BAYSIDE #1	702	342,772	65.6	92.6	91.3	7,416	GAS	2,472,900	1,028,004	2,542,150.0	22,968,048	6.70	9.29
22. BAYSIDE #2	930	457,465	66.1	86.0	89.6	7,410	GAS	3,297,500	1,028,009	3,389,860.0	30,626,850	6.69	9.29
23. BAYSIDE TOTAL	<b>1,632</b>	<b>800,237</b>	<b>65.9</b>	<b>88.8</b>	<b>45.2</b>	<b>7,413</b>	<b>GAS</b>	<b>5,770,400</b>	<b>1,028,007</b>	<b>5,932,010.0</b>	<b>53,594,898</b>	<b>6.70</b>	<b>9.29</b>
24. B.B.C.T.#1	12	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	60	1	0.0	66.0	0.0	20,000	LGT OIL	3	6,666,667	20.0	241	24.10	80.33
26. B.B.C.T.#3	45	0	0.0	66.0	0.0	0	LGT OIL	2	4,500,000	9.0	161	0.00	80.50
27. C.T. TOTAL (OIL)	<b>117</b>	<b>1</b>	<b>0.0</b>	<b>69.5</b>	<b>0.0</b>	<b>29,000</b>	<b>LGT OIL</b>	<b>5</b>	<b>5,800,000</b>	<b>29.0</b>	<b>402</b>	<b>40.20</b>	<b>80.40</b>
28. TOT COAL (BB,POLK)	<b>1,837</b>	<b>1,002,582</b>	<b>73.4</b>	<b>63.1</b>	<b>22.8</b>	<b>10,635</b>	<b>COAL</b>	<b>449,124</b>	<b>23,741,653</b>	<b>10,662,946.0</b>	<b>28,459,367</b>	<b>2.84</b>	<b>63.37</b>
29. SYSTEM	<b>4,258</b>	<b>1,835,777</b>	<b>57.9</b>	<b>83.4</b>	<b>11.0</b>	<b>9,273</b>				<b>17,023,545.0</b>	<b>85,928,229</b>	<b>4.68</b>	

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE



SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: JUNE 2008

(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	375	178,902	66.3	66.0	92.1	10,699	COAL	82,076	23,319,850	1,914,000.0	5,070,405	2.83	61.78
2. B.B.#2	385	192,473	69.4	69.1	91.9	10,662	COAL	84,936	24,160,191	2,052,070.0	5,247,087	2.73	61.78
3. B.B.#3	390	214,818	76.5	76.9	90.9	10,676	COAL	98,349	23,320,013	2,293,500.0	6,075,701	2.83	61.78
4. B.B.#4	432	248,875	80.0	80.0	88.6	10,725	COAL	114,454	23,320,024	2,669,070.0	7,070,619	2.84	61.78
5. B.B. STA.	1,582	835,068	73.3	73.3	22.8	10,692	COAL	379,815	23,507,866	8,928,640.0	23,463,812	2.81	61.78
6. PHILLIPS #1 (HVY OIL)	17	3,993	32.6	100.0	88.6	19,305	HVY OIL	6,171	12,491,492	77,085.0	363,613	9.11	58.92
7. PHILLIPS #2 (HVY OIL)	17	3,951	32.3	100.0	89.0	19,510	HVY OIL	6,106	12,624,468	77,085.0	359,783	9.11	58.92
8. SEB-PHILLIPS TOTAL	34	7,944	32.5	100.0	44.4	19,407	HVY OIL	12,277	12,557,628	154,170.0	723,396	9.11	58.92
9. POLK #1 GASIFIER	255	143,807	78.3	-	-	10,580	COAL	60,475	25,159,868	1,521,543.0	4,340,484	3.02	71.77
10. POLK #1 CT OIL	225	4,448	2.7	-	-	10,588	LGT OIL	8,110	5,796,054	47,006.0	597,664	13.44	73.69
11. POLK #1 TOTAL	255	148,255	80.7	80.7	91.0	10,580		-	-	1,568,549.0	4,938,148	3.33	-
12. POLK #2 CT GAS	150	7,258	6.7	-	-	12,433	GAS	87,800	1,027,768	90,238.0	824,442	11.36	9.39
13. POLK #2 CT OIL	160	382	0.3	-	-	11,743	LGT OIL	800	5,607,500	4,486.0	56,101	14.69	70.13
14. POLK #2 TOTAL	160	7,640	6.6	100.0	72.3	12,398		-	-	94,724.0	880,543	11.53	-
15. POLK #3 CT GAS	150	5,425	5.0	0.0	-	12,579	GAS	66,400	1,027,726	68,241.0	623,496	11.49	9.39
16. POLK #3 CT OIL	165	286	0.2	0.0	-	11,822	LGT OIL	600	5,635,000	3,381.0	42,075	14.71	70.13
17. POLK #3 TOTAL	165	5,711	4.8	100.0	67.9	12,541		-	-	71,622.0	665,571	11.65	-
18. POLK #4 CT GAS	155	17286	15.5	100.0	91.4	11,728	GAS	197,200	1,028,032	202728.0	1,851,708	10.71	9.39
19. POLK #5 CT GAS	155	13918	12.5	100.0	88.9	11,868	GAS	160,700	1,027,841	165174.0	1,508,973	10.84	9.39
20. CITY OF TAMPA GAS	3	149	6.9	100.0	92.0	10,456	GAS	1,500	1,038,667	1,558.0	15,852	10.64	10.57
21. BAYSIDE #1	702	334,306	66.1	92.6	90.2	7,421	GAS	2,413,300	1,028,024	2,480,930.0	22,660,887	6.78	9.39
22. BAYSIDE #2	930	467,086	69.8	91.9	90.0	7,418	GAS	3,370,500	1,027,981	3,464,810.0	31,648,995	6.78	9.39
23. BAYSIDE TOTAL	1,632	801,392	68.2	92.2	45.2	7,419	GAS	5,783,800	1,027,999	5,945,740.0	54,309,882	6.78	9.39
24. B.B.C.T.#1	12	0	0.0	100.0	0.0	0	LGT OIL	1	6,000,000	6.0	85	0.00	85.00
25. B.B.C.T.#2	60	4	0.0	66.0	0.0	18,500	LGT OIL	13	5,692,308	74.0	1,099	27.48	84.54
26. B.B.C.T.#3	45	2	0.0	66.0	0.0	20,500	LGT OIL	7	5,857,143	41.0	592	29.60	84.57
27. C.T. TOTAL (OIL)	117	6	0.0	69.5	0.0	20,167	LGT OIL	21	5,761,905	121.0	1,776	29.60	84.57
28. TOT COAL (BB,POLK)	1,837	978,875	74.0	63.1	23.0	10,676	COAL	440,290	23,734,773	10,450,183.0	27,804,296	2.84	63.15
29. SYSTEM	4,258	1,837,369	59.9	85.1	10.3	9,325	-	-	-	17,133,026.0	88,359,661	4.81	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

32

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: JULY 2008

(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	375	184,661	66.2	66.0	91.9	10,788	COAL	85,425	23,319,754	1,992,090.0	5,272,480	2.86	61.72
2. B.B.#2	385	198,917	69.4	69.1	91.9	10,714	COAL	88,207	24,160,214	2,131,100.0	5,444,186	2.74	61.72
3. B.B.#3	390	222,927	76.8	76.9	91.3	10,768	COAL	102,933	23,319,927	2,400,390.0	6,353,084	2.85	61.72
4. B.B.#4	432	257,318	80.1	80.0	88.6	10,794	COAL	119,108	23,320,012	2,777,600.0	7,351,414	2.86	61.72
5. B.B. STA.	1,582	863,823	73.4	73.3	22.8	10,767	COAL	395,673	23,507,240	9,301,180.0	24,421,164	2.83	61.72
6. PHILLIPS #1 (HVY OIL)	17	5,082	40.2	100.0	96.7	19,445	HVY OIL	7,897	12,513,739	98,821.0	463,960	9.13	58.75
7. PHILLIPS #2 (HVY OIL)	17	5,046	39.9	100.0	97.0	19,584	HVY OIL	7,841	12,603,112	98,821.0	460,670	9.13	58.75
8. SEB-PHILLIPS TOTAL	34	10,128	40.0	100.0	48.4	19,514	HVY OIL	15,738	12,558,267	197,642.0	924,630	9.13	58.75
9. POLK #1 GASIFIER	255	148,715	78.4	-	-	10,591	COAL	62,535	25,185,992	1,575,006.0	4,489,721	3.02	71.80
10. POLK #1 CT OIL	225	4,599	2.7	-	-	10,569	LGT OIL	8,386	5,796,208	48,607.0	613,858	13.35	73.20
11. POLK #1 TOTAL	255	153,314	80.8	80.7	91.0	10,590	-	-	-	1,623,613.0	5,103,579	3.33	-
12. POLK #2 CT GAS	150	16,888	15.1	-	-	11,825	GAS	194,300	1,027,756	199,693.0	1,866,834	11.05	9.61
13. POLK #2 CT OIL	160	889	0.7	-	-	11,319	LGT OIL	1,700	5,919,412	10,063.0	120,199	13.52	70.71
14. POLK #2 TOTAL	160	17,777	14.9	100.0	84.8	11,799	-	-	-	209,756.0	1,987,033	11.18	-
15. POLK #3 CT GAS	150	11,229	10.1	0.0	-	12,228	GAS	133,600	1,027,792	137,313.0	1,283,629	11.43	9.61
16. POLK #3 CT OIL	165	591	0.5	0.0	-	11,516	LGT OIL	1,200	5,671,667	6,806.0	84,846	14.36	70.71
17. POLK #3 TOTAL	165	11,820	9.6	100.0	74.6	12,193	-	-	-	144,119.0	1,368,475	11.58	-
18. POLK #4 CT GAS	155	32200	27.9	100.0	93.6	11,561	GAS	362,100	1,028,050	372257.0	3,479,057	10.80	9.61
19. POLK #5 CT GAS	155	27396	23.8	100.0	91.6	11,619	GAS	309,600	1,028,149	318315.0	2,974,637	10.86	9.61
20. CITY OF TAMPA GAS	3	251	11.2	100.0	108.7	10,446	GAS	2,600	1,008,462	2,622.0	28,038	11.17	10.78
21. BAYSIDE #1	702	362,711	69.4	92.6	90.3	7,415	GAS	2,616,400	1,028,008	2,689,680.0	25,138,371	6.93	9.61
22. BAYSIDE #2	930	520,664	75.2	91.9	89.0	7,399	GAS	3,747,200	1,028,024	3,852,210.0	36,003,098	6.91	9.61
23. BAYSIDE TOTAL	1,632	883,375	72.8	92.2	45.1	7,406	GAS	6,363,600	1,028,017	6,541,890.0	61,141,469	6.92	9.61
24. B.B.C.T.#1	12	6	0.1	100.0	0.0	18,167	LGT OIL	19	5,736,842	109.0	1,502	25.03	79.05
25. B.B.C.T.#2	60	84	0.2	66.0	46.7	19,929	LGT OIL	289	5,792,388	1,674.0	22,840	27.19	79.03
26. B.B.C.T.#3	45	54	0.2	66.0	40.0	24,981	LGT OIL	233	5,789,700	1,349.0	18,414	34.10	79.03
27. C.T. TOTAL (OIL)	117	144	0.2	69.5	20.5	21,750	LGT OIL	541	5,789,279	3,132.0	42,756	29.69	79.03
28. TOT COAL (BB,POLK)	1,837	1,012,538	74.1	63.1	23.0	10,742	COAL	458,208	23,736,351	10,876,186.0	28,910,885	2.86	63.10
29. SYSTEM	4,258	2,000,228	63.1	85.1	10.0	9,356	-	-	-	18,714,526.0	101,470,838	5.07	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

33

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: AUGUST 2008

(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	375	184,826	66.2	66.0	92.0	10,787	COAL	85,498	23,319,961	1,993,810.0	5,259,942	2.85	61.52
2. B.B.#2	385	198,962	69.5	69.1	92.0	10,713	COAL	88,226	24,160,225	2,131,560.0	5,427,772	2.73	61.52
3. B.B.#3	390	223,822	77.1	76.9	91.7	10,766	COAL	103,328	23,319,913	2,409,600.0	6,356,866	2.84	61.52
4. B.B.#4	432	257,822	80.2	80.0	88.8	10,794	COAL	119,337	23,320,010	2,782,940.0	7,341,759	2.85	61.52
5. B.B. STA.	1,582	865,432	73.5	73.3	22.8	10,767	COAL	396,389	23,506,984	9,317,910.0	24,386,339	2.82	61.52
6. PHILLIPS #1 (HVY OIL)	17	5,286	41.8	100.0	97.8	19,456	HVY OIL	8,220	12,511,192	102,842.0	482,672	9.13	58.72
7. PHILLIPS #2 (HVY OIL)	17	5,246	41.5	100.0	98.3	19,604	HVY OIL	8,159	12,604,731	102,842.0	479,090	9.13	58.72
8. SEB-PHILLIPS TOTAL	34	10,532	41.6	100.0	49.0	19,529	HVY OIL	16,379	12,557,787	205,684.0	961,762	9.13	58.72
9. POLK #1 GASIFIER	255	148,960	78.5	-	-	10,589	COAL	60,939	25,885,000	1,577,406.0	4,367,246	2.93	71.67
10. POLK #1 CT OIL	225	4,607	2.8	-	-	10,567	LGT OIL	8,399	5,796,166	48,682.0	612,488	13.29	72.92
11. POLK #1 TOTAL	255	153,567	80.9	80.7	91.1	10,589	-	-	-	1,626,088.0	4,979,734	3.24	-
12. POLK #2 CT GAS	150	16,905	15.1	-	-	11,865	GAS	195,100	1,028,114	200,585.0	1,896,313	11.22	9.72
13. POLK #2 CT OIL	160	890	0.7	-	-	11,389	LGT OIL	1,700	5,962,353	10,136.0	121,480	13.65	71.46
14. POLK #2 TOTAL	160	17,795	14.9	100.0	81.8	11,842	-	-	-	210,721.0	2,017,793	11.34	-
15. POLK #3 CT GAS	150	11,199	10.0	0.0	-	12,318	GAS	134,200	1,027,973	137,954.0	1,304,384	11.65	9.72
16. POLK #3 CT OIL	165	589	0.5	0.0	-	11,747	LGT OIL	1,200	5,765,833	6,919.0	85,751	14.56	71.46
17. POLK #3 TOTAL	165	11,788	9.6	100.0	70.7	12,290	-	-	-	144,873.0	1,390,135	11.79	-
18. POLK #4 CT GAS	155	34109	29.6	100.0	93.2	11,529	GAS	382,500	1,028,105	393250.0	3,717,785	10.90	9.72
19. POLK #5 CT GAS	155	24760	21.5	100.0	89.2	11,644	GAS	280,500	1,027,800	288298.0	2,726,376	11.01	9.72
20. CITY OF TAMPA GAS	3	270	12.1	100.0	113.9	10,452	GAS	2,700	1,045,185	2,822.0	29,394	10.89	10.89
21. BAYSIDE #1	702	371,588	71.1	92.6	90.3	7,414	GAS	2,679,900	1,028,001	2,754,940.0	26,047,824	7.01	9.72
22. BAYSIDE #2	930	533,662	77.1	91.9	89.1	7,394	GAS	3,838,300	1,028,002	3,945,780.0	37,307,125	6.99	9.72
23. BAYSIDE TOTAL	1,632	905,250	74.6	92.2	45.1	7,402	GAS	6,518,200	1,028,002	6,700,720.0	63,354,949	7.00	9.72
24. B.B.C.T.#1	12	11	0.1	100.0	91.7	20,727	LGT OIL	39	5,846,154	228.0	3,058	27.80	78.41
25. B.B.C.T.#2	60	99	0.2	66.0	55.0	19,404	LGT OIL	331	5,803,625	1,921.0	25,956	26.22	78.42
26. B.B.C.T.#3	45	60	0.2	66.0	44.4	24,250	LGT OIL	251	5,796,813	1,455.0	19,683	32.81	78.42
27. C.T. TOTAL (OIL)	117	170	0.2	69.5	20.8	21,200	LGT OIL	621	5,803,543	3,604.0	48,697	28.65	78.42
28. TOT COAL (BB,POLK)	1,837	1,014,392	74.2	63.1	23.0	10,741	COAL	457,328	23,823,855	10,895,316.0	28,753,585	2.83	62.87
29. SYSTEM	4,258	2,023,673	63.9	85.1	10.0	9,336	-	-	-	18,893,970.0	103,612,964	5.12	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

34

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: SEPTEMBER 2008

(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	375	113,600	42.1	41.8	92.1	10,699	COAL	52,116	23,320,094	1,215,350.0	3,212,255	2.83	61.64
2. B.B.#2	385	192,507	69.4	69.1	91.9	10,662	COAL	84,951	24,160,045	2,052,420.0	5,236,094	2.72	61.64
3. B.B.#3	390	215,719	76.8	76.9	91.3	10,674	COAL	98,743	23,320,033	2,302,690.0	6,086,187	2.82	61.64
4. B.B.#4	432	249,095	80.1	80.0	88.7	10,725	COAL	114,558	23,319,890	2,671,460.0	7,060,970	2.83	61.64
5. B.B. STA.	1,582	770,921	67.7	67.5	22.9	10,691	COAL	350,368	23,523,667	8,241,940.0	21,595,506	2.80	61.64
6. PHILLIPS #1 (HVY OIL)	17	4,149	33.9	100.0	93.5	19,378	HVY OIL	6,435	12,494,328	80,401.0	386,808	9.32	60.11
7. PHILLIPS #2 (HVY OIL)	17	4,107	33.6	100.0	93.6	19,577	HVY OIL	6,370	12,621,821	80,401.0	382,900	9.32	60.11
8. SEB-PHILLIPS TOTAL	34	8,256	33.7	100.0	46.8	19,477	HVY OIL	12,805	12,557,751	160,802.0	769,708	9.32	60.11
9. POLK #1 GASIFIER	255	143,925	78.4	-	-	10,580	COAL	58,886	25,858,319	1,522,693.0	4,194,803	2.91	71.24
10. POLK #1 CT OIL	225	4,451	2.7	-	-	10,569	LGT OIL	8,116	5,796,205	47,042.0	590,916	13.28	72.81
11. POLK #1 TOTAL	255	148,376	80.8	80.7	91.1	10,579	-	-	-	1,569,735.0	4,785,719	3.23	-
12. POLK #2 CT GAS	150	3,386	3.1	-	-	12,846	GAS	42,300	1,028,298	43,497.0	411,063	12.14	9.72
13. POLK #2 CT OIL	160	178	0.2	-	-	11,972	LGT OIL	400	5,327,500	2,131.0	28,908	16.24	72.27
14. POLK #2 TOTAL	160	3,564	3.1	100.0	69.6	12,802	-	-	-	45,628.0	439,971	12.34	-
15. POLK #3 CT GAS	150	2,840	2.6	0.0	-	12,746	GAS	35,200	1,028,381	36,199.0	342,067	12.04	9.72
16. POLK #3 CT OIL	165	149	0.1	0.0	-	11,906	LGT OIL	300	5,913,333	1,774.0	21,681	14.55	72.27
17. POLK #3 TOTAL	165	2,989	2.5	100.0	67.1	12,704	-	-	-	37,973.0	363,748	12.17	-
18. POLK #4 CT GAS	155	9016	8.1	93.3	89.5	11,955	GAS	104,800	1,028,473	107784.0	1,018,425	11.30	9.72
19. POLK #5 CT GAS	155	6812	6.1	90.0	87.9	11,931	GAS	79,100	1,027,446	81271.0	768,678	11.28	9.72
20. CITY OF TAMPA GAS	3	191	8.8	100.0	92.3	10,471	GAS	1,900	1,052,632	2,000.0	20,684	10.83	10.89
21. BAYSIDE #1	702	353,447	69.9	92.6	90.1	7,417	GAS	2,550,100	1,028,011	2,621,530.0	24,781,362	7.01	9.72
22. BAYSIDE #2	930	504,851	75.4	91.9	88.8	7,403	GAS	3,635,800	1,027,988	3,737,560.0	35,331,977	7.00	9.72
23. BAYSIDE TOTAL	1,632	858,298	73.0	92.2	45.0	7,409	GAS	6,185,900	1,027,998	6,359,090.0	60,113,339	7.00	9.72
24. B.B.C.T.#1	12	0	0.0	100.0	0.0	0	LGT OIL	2	5,000,000	10.0	161	0.00	80.50
25. B.B.C.T.#2	60	9	0.0	41.8	0.0	21,111	LGT OIL	33	5,757,576	190.0	2,657	29.52	80.52
26. B.B.C.T.#3	45	2	0.0	41.8	0.0	15,500	LGT OIL	5	6,200,000	31.0	403	20.15	80.60
27. C.T. TOTAL (OIL)	117	11	0.0	47.8	0.0	21,000	LGT OIL	40	5,775,000	231.0	3,221	29.28	80.53
28. TOT COAL (BB,POLK)	1,837	914,846	69.2	58.2	23.4	10,674	COAL	409,254	23,859,591	9,764,633.0	25,790,309	2.82	63.02
29. SYSTEM	4,258	1,808,434	59.0	81.8	10.6	9,183	-	-	-	16,606,454.0	89,878,999	4.97	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

35

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: OCTOBER 2008

(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	165,933	57.9	59.6	89.2	10,611	COAL	75,502	23,319,912	1,760,700.0	4,660,870	2.81	61.73
2. B.B.#2	395	198,612	67.6	69.1	89.5	10,606	COAL	87,185	24,160,234	2,106,410.0	5,382,082	2.71	61.73
3. B.B.#3	400	220,879	74.2	76.9	88.2	10,646	COAL	100,834	23,319,813	2,351,430.0	6,224,659	2.82	61.73
4. B.B.#4	442	256,009	77.9	80.0	86.2	10,608	COAL	116,455	23,319,995	2,715,730.0	7,188,970	2.81	61.73
5. B.B. STA.	1,622	841,433	69.7	71.7	22.1	10,618	COAL	379,976	23,512,722	8,934,270.0	23,456,581	2.79	61.73
6. PHILLIPS #1 (HVY OIL)	18	1,464	10.9	100.0	73.9	19,171	HVY OIL	2,258	12,429,584	28,066.0	139,618	9.54	61.83
7. PHILLIPS #2 (HVY OIL)	18	1,434	10.7	100.0	74.5	19,572	HVY OIL	2,212	12,688,065	28,066.0	136,774	9.54	61.83
8. SEB-PHILLIPS TOTAL	36	2,898	10.8	100.0	37.1	19,369	HVY OIL	4,470	12,557,494	56,132.0	276,392	9.54	61.83
9. POLK #1 GASIFIER	260	148,430	76.7	-	-	10,592	COAL	60,739	25,885,115	1,572,236.0	4,342,697	2.93	71.50
10. POLK #1 CT OIL	245	4,591	2.5	-	-	10,569	LGT OIL	8,372	5,795,748	48,522.0	609,852	13.28	72.84
11. POLK #1 TOTAL	260	153,021	79.1	80.7	89.0	10,592	-	-	-	1,620,758.0	4,952,549	3.24	-
12. POLK #2 CT GAS	175	850	0.7	-	-	12,588	GAS	10,400	1,028,846	10,700.0	97,490	11.47	9.37
13. POLK #2 CT OIL	184	45	0.0	-	-	11,933	LGT OIL	100	5,370,000	537.0	7,302	16.23	73.02
14. POLK #2 TOTAL	184	895	0.7	93.5	54.0	12,555	-	-	-	11,237.0	104,792	11.71	-
15. POLK #3 CT GAS	175	669	0.5	0.0	-	12,496	GAS	8,100	1,032,099	8,360.0	75,929	11.35	9.37
16. POLK #3 CT OIL	184	35	0.0	0.0	-	11,829	LGT OIL	100	4,140,000	414.0	7,302	20.86	73.02
17. POLK #3 TOTAL	184	704	0.5	54.8	63.8	12,463	-	-	-	8,774.0	83,231	11.82	-
18. POLK #4 CT GAS	180	2687	2.0	100.0	74.6	12,095	GAS	31,600	1,028,418	32498.0	296,218	11.02	9.37
19. POLK #5 CT GAS	180	1074	0.8	100.0	54.2	13,143	GAS	13,700	1,030,365	14116.0	128,424	11.96	9.37
20. CITY OF TAMPA GAS	3	21	0.9	100.0	175.0	10,286	GAS	200	1,080,000	216.0	2,107	10.03	10.54
21. BAYSIDE #1	793	345,127	58.5	92.6	78.8	7,358	GAS	2,470,200	1,028,022	2,539,420.0	23,155,655	6.71	9.37
22. BAYSIDE #2	1,048	403,354	51.7	91.9	73.0	7,412	GAS	2,908,500	1,027,970	2,989,850.0	27,264,279	6.76	9.37
23. BAYSIDE TOTAL	1,841	748,481	54.6	92.2	37.7	7,387	GAS	5,378,700	1,027,994	5,529,270.0	50,419,934	6.74	9.37
24. B.B.C.T.#1	13	0	0.0	77.4	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	1	0.0	59.6	0.0	19,000	LGT OIL	3	6,333,333	19.0	233	23.30	77.67
26. B.B.C.T.#3	45	1	0.0	59.6	0.0	13,000	LGT OIL	2	6,500,000	13.0	155	15.50	77.50
27. C.T. TOTAL (OIL)	138	2	0.0	61.3	0.0	16,000	LGT OIL	5	6,400,000	32.0	388	19.40	77.60
28. TOT COAL (BB,POLK)	1,882	989,863	70.7	61.8	22.4	10,614	COAL	440,715	23,839,683	10,506,506.0	27,799,278	2.81	63.08
29. SYSTEM	4,628	1,751,216	50.9	82.7	10.3	9,255	-	-	-	16,207,303.0	79,720,616	4.55	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

36

**SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY**

SCHEDULE E4

ESTIMATED FOR THE PERIOD: NOVEMBER 2008

(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	182,005	65.7	66.0	91.3	10,599	COAL	82,720	23,319,995	1,929,030.0	5,126,767	2.82	61.98
2. B.B.#2	395	183,319	64.5	64.5	96.4	10,625	COAL	80,621	24,160,082	1,947,810.0	4,996,676	2.73	61.98
3. B.B.#3	400	219,726	76.3	76.9	90.6	10,606	COAL	99,928	23,319,890	2,330,310.0	6,193,273	2.82	61.98
4. B.B.#4	442	134,931	42.4	42.6	88.0	10,639	COAL	61,557	23,319,850	1,435,500.0	3,815,140	2.83	61.98
5. B.B. STA.	<b>1,622</b>	<b>719,981</b>	<b>61.7</b>	<b>62.0</b>	<b>22.4</b>	<b>10,615</b>	<b>COAL</b>	<b>324,826</b>	<b>23,528,443</b>	<b>7,642,650.0</b>	<b>20,131,856</b>	<b>2.80</b>	<b>61.98</b>
6. PHILLIPS #1 (HVY OIL)	18	647	5.0	100.0	59.9	19,546	HVY OIL	1,002	12,620,758	12,646.0	63,285	9.78	63.16
7. PHILLIPS #2 (HVY OIL)	18	654	5.0	100.0	59.6	19,336	HVY OIL	1,012	12,496,047	12,646.0	63,917	9.77	63.16
8. SEB-PHILLIPS TOTAL	<b>36</b>	<b>1,301</b>	<b>5.0</b>	<b>100.0</b>	<b>29.9</b>	<b>19,440</b>	<b>HVY OIL</b>	<b>2,014</b>	<b>12,558,093</b>	<b>25,292.0</b>	<b>127,202</b>	<b>9.78</b>	<b>63.16</b>
9. POLK #1 GASIFIER	260	145,262	77.6	-	-	10,592	COAL	59,504	25,857,976	1,538,653.0	4,231,465	2.91	71.11
10. POLK #1 CT OIL	245	4,493	2.5	-	-	10,580	LGT OIL	8,201	5,796,244	47,535.0	598,484	13.32	72.98
11. POLK #1 TOTAL	<b>260</b>	<b>149,755</b>	<b>80.0</b>	<b>80.7</b>	<b>90.1</b>	<b>10,592</b>				<b>1,586,188.0</b>	<b>4,829,949</b>	<b>3.23</b>	
12. POLK #2 CT GAS	175	6	0.0	-	-	12,000	GAS	100	720,000	72.0	975	16.25	9.75
13. POLK #2 CT OIL	184	0	0.0	-	-	0	LGT OIL	0	0	4.0	0	0.00	0.00
14. POLK #2 TOTAL	<b>184</b>	<b>6</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>12,667</b>				<b>76.0</b>	<b>975</b>	<b>16.25</b>	
15. POLK #3 CT GAS	175	2	0.0	0.0	-	12,000	GAS	0	0	24.0	0	0.00	0.00
16. POLK #3 CT OIL	184	0	0.0	0.0	-	0	LGT OIL	0	0	1.0	0	0.00	0.00
17. POLK #3 TOTAL	<b>184</b>	<b>2</b>	<b>0.0</b>	<b>100.0</b>	<b>0.0</b>	<b>12,500</b>				<b>25.0</b>	<b>0</b>	<b>0.00</b>	
18. POLK #4 CT GAS	180	168	0.1	100.0	46.7	15,321	GAS	2,500	1,029,600	2574.0	24,372	14.51	9.75
19. POLK #5 CT GAS	180	89	0.1	100.0	49.4	12,146	GAS	1,100	982,727	1081.0	10,724	12.05	9.75
20. CITY OF TAMPA GAS	3	6	0.3	100.0	200.0	11,167	GAS	100	670,000	67.0	1,093	18.22	10.93
21. BAYSIDE #1	793	245,506	43.0	71.0	71.5	7,318	GAS	1,747,800	1,027,984	1,796,710.0	17,038,953	6.94	9.75
22. BAYSIDE #2	1,045	370,829	49.3	91.9	75.7	7,419	GAS	2,676,300	1,027,994	2,751,220.0	26,090,713	7.04	9.75
23. BAYSIDE TOTAL	<b>1,838</b>	<b>616,335</b>	<b>46.6</b>	<b>82.9</b>	<b>37.2</b>	<b>7,379</b>	<b>GAS</b>	<b>4,424,100</b>	<b>1,027,990</b>	<b>4,547,930.0</b>	<b>43,129,666</b>	<b>7.00</b>	<b>9.75</b>
24. B.B.C.T.#1	13	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	0	0.0	66.0	0.0	0	LGT OIL	1	5,000,000	5.0	77	0.00	77.00
26. B.B.C.T.#3	45	0	0.0	66.0	0.0	0	LGT OIL	0	0	2.0	0	0.00	0.00
27. C.T. TOTAL (OIL)	<b>138</b>	<b>0</b>	<b>0.0</b>	<b>69.2</b>	<b>0.0</b>	<b>0</b>	<b>LGT OIL</b>	<b>1</b>	<b>7,000,000</b>	<b>7.0</b>	<b>77</b>	<b>0.00</b>	<b>77.00</b>
28. TOT COAL (BB,POLK)	<b>1,882</b>	<b>865,243</b>	<b>63.9</b>	<b>53.4</b>	<b>23.2</b>	<b>10,611</b>	<b>COAL</b>	<b>384,330</b>	<b>23,889,114</b>	<b>9,181,303.0</b>	<b>24,363,321</b>	<b>2.82</b>	<b>63.39</b>
29. SYSTEM	<b>4,625</b>	<b>1,487,643</b>	<b>44.7</b>	<b>77.9</b>	<b>10.7</b>	<b>9,280</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>13,805,890.0</b>	<b>68,255,914</b>	<b>4.59</b>	<b>-</b>

LEGEND:  
B.B. = BIG BEND  
C.T. = COMBUSTION TURBINE  
SEB-PHIL = SEBRING-PHILLIPS

37

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: DECEMBER 2008

(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	188,617	65.8	66.0	91.4	10,560	COAL	85,413	23,320,103	1,991,840.0	5,272,809	2.80	61.73
2. B.B.#2	395	6,271	2.1	2.2	93.4	10,632	COAL	2,760	24,157,246	66,674.0	170,383	2.72	61.73
3. B.B.#3	400	227,985	76.6	76.9	91.0	10,611	COAL	103,734	23,319,934	2,419,070.0	6,403,821	2.81	61.73
4. B.B.#4	442	262,222	79.7	80.0	88.3	10,602	COAL	119,219	23,319,941	2,780,180.0	7,359,758	2.81	61.73
5. B.B. STA.	1,622	685,095	56.8	57.0	22.8	10,594	COAL	311,126	23,327,411	7,257,764.0	19,206,771	2.80	61.73
6. PHILLIPS #1 (HVY OIL)	18	907	6.8	100.0	52.5	19,557	HVY OIL	1,404	12,633,903	17,738.0	89,517	9.87	63.76
7. PHILLIPS #2 (HVY OIL)	18	918	6.9	100.0	52.6	19,322	HVY OIL	1,421	12,482,759	17,738.0	90,601	9.87	63.76
8. SEB-PHILLIPS TOTAL	36	1,825	6.8	100.0	26.3	19,439	HVY OIL	2,825	12,557,876	35,476.0	180,118	9.87	63.76
9. POLK #1 GASIFIER	260	116,531	60.2	-	-	10,594	COAL	47,728	25,865,173	1,234,493.0	3,428,379	2.94	71.83
10. POLK #1 CT OIL	245	3,604	2.0	-	-	10,579	LGT OIL	6,578	5,796,291	38,128.0	480,955	13.35	73.12
11. POLK #1 TOTAL	260	120,135	62.1	78.6	90.4	10,593	-	-	-	1,272,621.0	3,909,334	3.25	-
12. POLK #2 CT GAS	175	231	0.2	-	-	15,242	GAS	3,400	1,035,588	3,521.0	34,358	14.87	10.11
13. POLK #2 CT OIL	184	12	0.0	-	-	13,250	LGT OIL	0	0	159.0	0	0.00	0.00
14. POLK #2 TOTAL	184	243	0.2	100.0	44.0	15,144	-	-	-	3,680.0	34,358	14.14	-
15. POLK #3 CT GAS	175	153	0.1	0.0	-	16,137	GAS	2,400	1,028,750	2,469.0	24,253	15.85	10.11
16. POLK #3 CT OIL	184	8	0.0	0.0	-	13,000	LGT OIL	0	0	104.0	0	0.00	0.00
17. POLK #3 TOTAL	184	161	0.1	100.0	43.8	15,981	-	-	-	2,573.0	24,253	15.06	-
18. POLK #4 CT GAS	180	740	0.6	100.0	45.7	13,943	GAS	10,000	1,031,800	10318.0	101,054	13.66	10.11
19. POLK #5 CT GAS	180	520	0.4	100.0	48.1	14,219	GAS	7,200	1,026,944	7394.0	72,759	13.99	10.11
20. CITY OF TAMPA GAS	3	58	2.6	100.0	39.5	10,466	GAS	600	1,011,667	607.0	6,779	11.69	11.30
21. BAYSIDE #1	793	430,022	72.9	92.6	84.2	7,263	GAS	3,038,300	1,028,012	3,123,410.0	30,703,237	7.14	10.11
22. BAYSIDE #2	1,045	307,618	39.6	71.1	73.4	7,424	GAS	2,221,700	1,027,970	2,283,840.0	22,451,167	7.30	10.11
23. BAYSIDE TOTAL	1,838	737,640	53.9	80.4	38.4	7,330	GAS	5,260,000	1,027,994	5,407,250.0	53,154,404	7.21	10.11
24. B.B.C.T.#1	13	0	0.0	100.0	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	1	0.0	66.0	0.0	13,000	LGT OIL	2	6,500,000	13.0	221	22.10	110.50
26. B.B.C.T.#3	45	0	0.0	66.0	0.0	0	LGT OIL	1	4,000,000	4.0	110	0.00	110.00
27. C.T. TOTAL (OIL)	138	1	0.0	69.2	0.0	17,000	LGT OIL	3	5,666,667	17.0	331	33.10	110.33
28. TOT COAL (BB,POLK)	1,882	801,626	57.3	49.1	23.0	10,594	COAL	358,854	23,664,936	8,492,257.0	22,635,150	2.82	63.08
29. SYSTEM	4,625	1,546,418	44.9	75.0	10.6	9,052	-	-	-	13,997,700.0	76,690,161	4.96	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

38

SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
TAMPA ELECTRIC COMPANY

SCHEDULE E5

ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH JUNE 2008

	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
<b>HEAVY OIL</b>						
1. PURCHASES:						
2. UNITS (BBL)	2,814	2,302	4,390	8,739	3,803	12,277
3. UNIT COST (\$/BBL)	63.38	63.38	60.55	60.55	60.55	57.79
4. AMOUNT (\$)	178,352	145,901	265,835	529,187	230,289	709,511
5. BURNED:						
6. UNITS (BBL)	2,814	2,302	4,390	8,739	3,803	12,277
7. UNIT COST (\$/BBL)	56.19	57.99	57.91	58.48	60.77	58.92
8. AMOUNT (\$)	158,113	133,494	254,212	511,014	231,090	723,396
9. ENDING INVENTORY:						
10. UNITS (BBL)	15,325	15,325	15,325	15,325	15,325	15,325
11. UNIT COST (\$/BBL)	52.30	53.75	55.26	57.19	57.86	57.83
12. AMOUNT (\$)	801,495	823,672	846,906	876,361	886,631	886,206
13. DAYS SUPPLY:	159	159	163	187	178	219
<b>LIGHT OIL</b>						
14. PURCHASES:						
15. UNITS (BBL)	12,333	6,301	9,749	12,670	13,765	13,971
16. UNIT COST (\$/BBL)	73.08	72.21	71.25	70.27	69.88	70.00
17. AMOUNT (\$)	901,305	455,011	694,664	890,345	961,891	977,977
18. BURNED:						
19. UNITS (BBL)	12,333	6,301	9,749	12,670	13,765	13,971
20. UNIT COST (\$/BBL)	54.36	32.73	47.70	49.07	50.26	49.93
21. AMOUNT (\$)	670,369	206,215	465,038	621,669	691,870	697,616
22. ENDING INVENTORY:						
23. UNITS (BBL)	101,727	101,727	101,727	101,727	101,727	101,727
24. UNIT COST (\$/BBL)	80.76	80.27	79.60	78.73	77.91	77.20
25. AMOUNT (\$)	8,215,748	8,166,052	8,097,652	8,009,354	7,925,970	7,853,650
26. DAYS SUPPLY: NORMAL	252	247	252	255	257	261
27. DAYS SUPPLY: EMERGENCY	15	15	15	15	15	15
<b>COAL</b>						
28. PURCHASES:						
29. UNITS (TONS)	417,600	358,550	350,800	401,000	457,200	456,000
30. UNIT COST (\$/TON)	61.06	61.25	62.28	62.34	62.52	62.24
31. AMOUNT (\$)	25,497,593	21,962,549	21,848,196	24,999,825	28,582,080	28,379,325
32. BURNED:						
33. UNITS (TONS)	356,437	295,515	340,215	417,074	449,124	440,290
34. UNIT COST (\$/TON)	62.77	62.49	63.23	63.54	63.37	63.15
35. AMOUNT (\$)	22,374,244	18,468,037	21,510,561	26,502,356	28,459,367	27,804,296
36. ENDING INVENTORY:						
37. UNITS (TONS)	479,871	542,906	553,491	537,417	545,493	561,203
38. UNIT COST (\$/TON)	61.00	61.21	61.38	61.29	61.49	61.61
39. AMOUNT (\$)	29,270,483	33,229,156	33,973,307	32,935,938	33,542,367	34,575,256
40. DAYS SUPPLY:	41	41	39	38	41	44
<b>NATURAL GAS</b>						
41. PURCHASES:						
42. UNITS (MCF)	3,553,400	4,715,000	4,038,400	2,899,200	6,088,000	6,297,400
43. UNIT COST (\$/MCF)	11.17	10.55	9.50	9.83	9.29	9.39
44. AMOUNT (\$)	39,693,381	49,725,454	38,348,662	28,486,788	56,545,902	59,134,352
45. BURNED:						
46. UNITS (MCF)	3,553,400	4,715,000	4,038,400	2,899,200	6,088,000	6,297,400
47. UNIT COST (\$/MCF)	11.17	10.55	9.50	9.83	9.29	9.39
48. AMOUNT (\$)	39,693,382	49,725,454	38,348,661	28,486,789	56,545,902	59,134,353
49. ENDING INVENTORY:						
50. UNITS (MCF)	0	0	0	0	0	0
51. UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00
52. AMOUNT (\$)	0	0	0	0	0	0
53. DAYS SUPPLY:	0	0	0	0	0	0
<b>NUCLEAR</b>						
54. BURNED:						
55. UNITS (MMBTU)	0	0	0	0	0	0
56. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
57. AMOUNT (\$)	0	0	0	0	0	0
<b>OTHER</b>						
58. PURCHASES:						
59. UNITS (MMBTU)	0	0	0	0	0	0
60. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
61. AMOUNT (\$)	0	0	0	0	0	0
62. BURNED:						
63. UNITS (MMBTU)	0	0	0	0	0	0
64. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
65. AMOUNT (\$)	0	0	0	0	0	0
66. ENDING INVENTORY:						
67. UNITS (MMBTU)	0	0	0	0	0	0
68. UNIT COST (\$/MMBTU)	0.00	0.00	0.00	0.00	0.00	0.00
69. AMOUNT (\$)	0	0	0	0	0	0
70. DAYS SUPPLY:	0	0	0	0	0	0

NOTE: BEGINNING &amp; 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.



SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
TAMPA ELECTRIC COMPANY

SCHEDULE E5

ESTIMATED FOR THE PERIOD: JULY 2008 THROUGH DECEMBER 2008

	Jul-08	Aug-08	Sep-08	Oct-08	Nov-08	Dec-08	TOTAL
<b>HEAVY OIL</b>							
1. PURCHASES:							
2. UNITS (BBL)	15,738	16,379	12,805	4,470	2,014	2,825	88,556
3. UNIT COST (\$/BBL)	57.79	57.79	60.55	60.55	60.55	63.38	59.42
4. AMOUNT (\$)	909,529	946,574	775,403	270,679	121,957	179,049	5,262,266
5. BURNED:							
6. UNITS (BBL)	15,738	16,379	12,805	4,470	2,014	2,825	88,556
7. UNIT COST (\$/BBL)	58.75	58.72	60.11	61.83	63.16	63.76	59.30
8. AMOUNT (\$)	924,630	961,762	769,708	276,392	127,202	180,118	5,251,131
9. ENDING INVENTORY:							
10. UNITS (BBL)	15,325	15,325	15,325	15,325	15,325	15,325	15,325
11. UNIT COST (\$/BBL)	57.81	57.80	59.05	59.39	59.53	60.13	60.13
12. AMOUNT (\$)	885,937	885,802	905,017	910,210	912,278	921,468	921,468
13. DAYS SUPPLY:	174	139	113	94	79	68	-
<b>LIGHT OIL</b>							
14. PURCHASES:							
15. UNITS (BBL)	16,285	16,382	12,885	13,391	12,556	9,725	150,013
16. UNIT COST (\$/BBL)	70.58	71.34	72.15	72.87	73.51	73.88	71.64
17. AMOUNT (\$)	1,149,468	1,168,639	929,642	975,868	923,023	718,523	10,746,356
18. BURNED:							
19. UNITS (BBL)	16,285	16,382	12,885	13,391	12,556	9,725	150,013
20. UNIT COST (\$/BBL)	52.91	53.01	50.04	46.66	47.67	49.49	49.54
21. AMOUNT (\$)	861,659	868,416	644,726	624,844	598,561	481,286	7,432,269
22. ENDING INVENTORY:							
23. UNITS (BBL)	101,727	101,727	101,727	101,727	101,727	101,727	101,727
24. UNIT COST (\$/BBL)	76.58	76.11	75.83	75.61	75.50	75.45	75.45
25. AMOUNT (\$)	7,790,447	7,742,050	7,713,680	7,691,899	7,679,889	7,675,121	7,675,121
26. DAYS SUPPLY: NORMAL	266	271	273	277	284	282	-
27. DAYS SUPPLY: EMERGENCY	15	15	15	15	15	15	-
<b>COAL</b>							
28. PURCHASES:							
29. UNITS (TONS)	462,400	462,400	401,000	402,300	351,400	333,200	4,853,850
30. UNIT COST (\$/TON)	62.04	62.09	62.51	62.44	62.97	61.96	62.14
31. AMOUNT (\$)	28,688,187	28,708,769	25,066,516	25,119,113	22,129,047	20,645,437	301,626,637
32. BURNED:							
33. UNITS (TONS)	458,208	457,328	409,254	440,715	384,330	358,854	4,807,344
34. UNIT COST (\$/TON)	63.10	62.87	63.02	63.08	63.39	63.08	63.11
35. AMOUNT (\$)	28,910,885	28,753,585	25,790,309	27,799,278	24,363,321	22,635,150	303,371,389
36. ENDING INVENTORY:							
37. UNITS (TONS)	565,395	570,467	562,213	523,798	490,868	465,214	465,214
38. UNIT COST (\$/TON)	61.70	61.90	62.27	62.68	63.24	63.21	63.21
39. AMOUNT (\$)	34,884,620	35,313,945	35,008,278	32,830,924	31,044,455	29,406,114	29,406,114
40. DAYS SUPPLY:	45	44	43	40	37	35	-
<b>NATURAL GAS</b>							
41. PURCHASES:							
42. UNITS (MCF)	7,365,800	7,513,200	6,449,200	5,442,700	4,427,900	5,283,600	64,073,800
43. UNIT COST (\$/MCF)	9.61	9.72	9.72	9.37	9.75	10.11	9.77
44. AMOUNT (\$)	70,773,662	73,029,199	62,674,256	51,020,102	43,166,828	53,393,608	625,992,194
45. BURNED:							
46. UNITS (MCF)	7,365,800	7,513,200	6,449,200	5,442,700	4,427,900	5,283,600	64,073,800
47. UNIT COST (\$/MCF)	9.61	9.72	9.72	9.37	9.75	10.11	9.77
48. AMOUNT (\$)	70,773,664	73,029,201	62,674,256	51,020,102	43,166,830	53,393,607	625,992,201
49. ENDING INVENTORY:							
50. UNITS (MCF)	0	0	0	0	0	0	0
51. UNIT COST (\$/MCF)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
52. AMOUNT (\$)	0	0	0	0	0	0	0
53. DAYS SUPPLY:	0	0	0	0	0	0	-
<b>NUCLEAR</b>							
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
<b>OTHER</b>							
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 &amp; 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.

POWER SOLD  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008

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-08	SEMINOLE	JURISD. SCH. -D	1,059.0	0.0	1,059.0	6.648	7.309	70,400.00	77,400.00	7,000.00
	VARIOUS	JURISD. MKT. BASE	5,408.0	0.0	5,408.0	4.852	7.291	262,400.00	394,300.00	112,300.00
	TOTAL		6,467.0	0.0	6,467.0	5.146	7.294	332,800.00	471,700.00	119,300.00
Feb-08	SEMINOLE	JURISD. SCH. -D	991.0	0.0	991.0	8.932	7.366	68,700.00	73,000.00	4,300.00
	VARIOUS	JURISD. MKT. BASE	9,865.0	0.0	9,865.0	7.025	8.454	693,000.00	834,000.00	105,300.00
	TOTAL		10,856.0	0.0	10,856.0	7.016	8.355	761,700.00	907,000.00	109,600.00
Mar-08	SEMINOLE	JURISD. SCH. -D	1,060.0	0.0	1,060.0	6.236	6.858	66,100.00	72,700.00	6,600.00
	VARIOUS	JURISD. MKT. BASE	450.0	0.0	450.0	2.822	5.000	12,700.00	22,500.00	8,200.00
	TOTAL		1,510.0	0.0	1,510.0	5.219	6.305	78,800.00	95,200.00	14,800.00
Apr-08	SEMINOLE	JURISD. SCH. -D	1,021.0	0.0	1,021.0	4.956	5.455	50,800.00	55,700.00	5,100.00
	VARIOUS	JURISD. MKT. BASE	8,806.0	0.0	8,806.0	2.685	5.304	236,400.00	467,100.00	198,800.00
	TOTAL		9,827.0	0.0	9,827.0	2.921	5.320	287,000.00	522,800.00	203,900.00
May-08	SEMINOLE	JURISD. SCH. -D	1,021.0	0.0	1,021.0	4.114	4.525	42,000.00	46,200.00	4,200.00
	VARIOUS	JURISD. MKT. BASE	15,703.0	0.0	15,703.0	3.381	5.659	530,900.00	888,600.00	300,900.00
	TOTAL		16,724.0	0.0	16,724.0	3.426	5.590	572,900.00	934,800.00	305,100.00
Jun-08	SEMINOLE	JURISD. SCH. -D	834.0	0.0	834.0	4.724	5.192	39,400.00	43,300.00	3,900.00
	VARIOUS	JURISD. MKT. BASE	12,695.0	0.0	12,695.0	4.129	6.300	524,200.00	799,800.00	229,600.00
	TOTAL		13,529.0	0.0	13,529.0	4.166	6.232	563,600.00	843,100.00	233,500.00
Jul-08	SEMINOLE	JURISD. SCH. -D	844.0	0.0	844.0	5.190	5.711	43,800.00	48,200.00	4,400.00
	VARIOUS	JURISD. MKT. BASE	10,458.0	0.0	10,458.0	4.527	6.744	473,400.00	705,300.00	194,000.00
	TOTAL		11,302.0	0.0	11,302.0	4.576	6.667	517,200.00	753,500.00	198,400.00
Aug-08	SEMINOLE	JURISD. SCH. -D	844.0	0.0	844.0	5.723	6.291	48,300.00	53,100.00	4,800.00
	VARIOUS	JURISD. MKT. BASE	10,970.0	0.0	10,970.0	5.491	7.614	602,400.00	835,300.00	193,200.00
	TOTAL		11,814.0	0.0	11,814.0	5.508	7.520	650,700.00	888,400.00	198,000.00
Sep-08	SEMINOLE	JURISD. SCH. -D	814.0	0.0	814.0	5.197	5.725	42,300.00	46,600.00	4,300.00
	VARIOUS	JURISD. MKT. BASE	22,016.0	0.0	22,016.0	5.622	7.229	1,237,700.00	1,591,800.00	274,200.00
	TOTAL		22,830.0	0.0	22,830.0	5.607	7.176	1,280,000.00	1,638,200.00	278,500.00
Oct-08	SEMINOLE	JURISD. SCH. -D	824.0	0.0	824.0	4.466	4.915	38,800.00	40,500.00	3,700.00
	VARIOUS	JURISD. MKT. BASE	10,767.0	0.0	10,767.0	3.669	5.653	395,000.00	630,200.00	196,200.00
	TOTAL		11,591.0	0.0	11,591.0	3.725	5.786	431,800.00	670,700.00	199,900.00
Nov-08	SEMINOLE	JURISD. SCH. -D	716.0	0.0	716.0	4.316	4.749	30,900.00	34,000.00	3,100.00
	VARIOUS	JURISD. MKT. BASE	11,460.0	0.0	11,460.0	3.241	5.761	371,400.00	660,200.00	247,300.00
	TOTAL		12,176.0	0.0	12,176.0	3.304	5.701	402,300.00	694,200.00	250,400.00
Dec-08	SEMINOLE	JURISD. SCH. -D	785.0	0.0	785.0	5.949	6.548	46,700.00	51,400.00	4,700.00
	VARIOUS	JURISD. MKT. BASE	5,558.0	0.0	5,558.0	5.723	7.366	318,100.00	409,400.00	71,200.00
	TOTAL		6,343.0	0.0	6,343.0	5.751	7.265	364,800.00	460,800.00	75,900.00
Jan-08	SEMINOLE	JURISD. SCH. -D	10,813.0	0.0	10,813.0	5.419	5.938	586,000.00	642,100.00	56,100.00
THRU	VARIOUS	JURISD. MKT. BASE	124,156.0	0.0	124,156.0	4.557	6.635	5,657,600.00	8,238,300.00	2,131,200.00
Dec-08	TOTAL		134,969.0	0.0	134,969.0	4.626	6.580	6,243,600.00	8,880,400.00	2,187,300.00

PURCHASED POWER  
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH JUNE 2008

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	
<b>Jan-08</b>									
	HPP	IPP	12,017.0	0.0	0.0	12,017.0	12.893	12.893	1,549,300.00
	CALPINE	SCH. D	1,334.0	0.0	0.0	1,334.0	13.463	13.463	179,600.00
	OTHER	SCH. D	3,913.0	0.0	0.0	3,913.0	14.682	14.682	574,500.00
	<b>TOTAL</b>		<b>17,264.0</b>	<b>0.0</b>	<b>0.0</b>	<b>17,264.0</b>	<b>13.342</b>	<b>13.342</b>	<b>2,303,400.00</b>
<b>Feb-08</b>									
	HPP	IPP	8,621.0	0.0	0.0	8,621.0	13.519	13.519	1,165,500.00
	CALPINE	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	OTHER	SCH. D	2,594.0	0.0	0.0	2,594.0	14.013	14.013	363,500.00
	<b>TOTAL</b>		<b>11,215.0</b>	<b>0.0</b>	<b>0.0</b>	<b>11,215.0</b>	<b>13.634</b>	<b>13.634</b>	<b>1,529,000.00</b>
<b>Mar-08</b>									
	HPP	IPP	33,324.0	0.0	0.0	33,324.0	8.693	8.693	2,896,800.00
	CALPINE	SCH. D	190.0	0.0	0.0	190.0	12.895	12.895	24,500.00
	OTHER	SCH. D	2,472.0	0.0	0.0	2,472.0	12.367	12.367	305,700.00
	<b>TOTAL</b>		<b>35,986.0</b>	<b>0.0</b>	<b>0.0</b>	<b>35,986.0</b>	<b>8.967</b>	<b>8.967</b>	<b>3,227,000.00</b>
<b>Apr-08</b>									
	HPP	IPP	47,233.0	0.0	0.0	47,233.0	8.517	8.517	4,022,900.00
	CALPINE	SCH. D	82.0	0.0	0.0	82.0	11.341	11.341	9,300.00
	OTHER	SCH. D	970.0	0.0	0.0	970.0	11.804	11.804	114,500.00
	<b>TOTAL</b>		<b>48,285.0</b>	<b>0.0</b>	<b>0.0</b>	<b>48,285.0</b>	<b>8.588</b>	<b>8.588</b>	<b>4,146,700.00</b>
<b>May-08</b>									
	HPP	IPP	47,608.0	0.0	0.0	47,608.0	8.154	8.154	3,881,900.00
	CALPINE	SCH. D	4,246.0	0.0	0.0	4,246.0	11.493	11.493	488,000.00
	OTHER	SCH. D	8,168.0	0.0	0.0	8,168.0	12.725	12.725	1,039,400.00
	<b>TOTAL</b>		<b>60,022.0</b>	<b>0.0</b>	<b>0.0</b>	<b>60,022.0</b>	<b>9.012</b>	<b>9.012</b>	<b>5,409,300.00</b>
<b>Jun-08</b>									
	HPP	IPP	60,214.0	0.0	0.0	60,214.0	8.172	8.172	4,920,900.00
	CALPINE	SCH. D	3,932.0	0.0	0.0	3,932.0	11.694	11.694	459,800.00
	OTHER	SCH. D	8,324.0	0.0	0.0	8,324.0	12.268	12.268	1,021,200.00
	<b>TOTAL</b>		<b>72,470.0</b>	<b>0.0</b>	<b>0.0</b>	<b>72,470.0</b>	<b>8.834</b>	<b>8.834</b>	<b>6,401,900.00</b>

PURCHASED POWER  
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JULY 2008 THROUGH DECEMBER 2 008

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	
<b>Jul-08</b>									
	HPP	IPP	68,870.0	0.0	0.0	68,870.0	8.343	8.343	5,745,700.00
	CALPINE	SCH. D	7,617.0	0.0	0.0	7,617.0	12.091	12.091	921,000.00
	OTHER	SCH. D	22,212.0	0.0	0.0	22,212.0	11.449	11.449	2,543,100.00
	<b>TOTAL</b>		<b>98,699.0</b>	<b>0.0</b>	<b>0.0</b>	<b>98,699.0</b>	<b>9.331</b>	<b>9.331</b>	<b>9,209,800.00</b>
<b>Aug-08</b>									
	HPP	IPP	71,055.0	0.0	0.0	71,055.0	8.455	8.455	6,007,400.00
	CALPINE	SCH. D	8,525.0	0.0	0.0	8,525.0	12.231	12.231	1,042,700.00
	OTHER	SCH. D	27,279.0	0.0	0.0	27,279.0	11.423	11.423	3,116,100.00
	<b>TOTAL</b>		<b>106,859.0</b>	<b>0.0</b>	<b>0.0</b>	<b>106,859.0</b>	<b>9.514</b>	<b>9.514</b>	<b>10,166,200.00</b>
<b>Sep-08</b>									
	HPP	IPP	59,825.0	0.0	0.0	59,825.0	8.487	8.487	5,077,400.00
	CALPINE	SCH. D	2,177.0	0.0	0.0	2,177.0	12.435	12.435	270,700.00
	OTHER	SCH. D	3,973.0	0.0	0.0	3,973.0	12.935	12.935	513,900.00
	<b>TOTAL</b>		<b>65,975.0</b>	<b>0.0</b>	<b>0.0</b>	<b>65,975.0</b>	<b>8.885</b>	<b>8.885</b>	<b>5,862,000.00</b>
<b>Oct-08</b>									
	HPP	IPP	22,971.0	0.0	0.0	22,971.0	8.595	8.595	1,974,400.00
	CALPINE	SCH. D	164.0	0.0	0.0	164.0	13.476	13.476	22,100.00
	OTHER	SCH. D	1,294.0	0.0	0.0	1,294.0	12.419	12.419	160,700.00
	<b>TOTAL</b>		<b>24,429.0</b>	<b>0.0</b>	<b>0.0</b>	<b>24,429.0</b>	<b>8.830</b>	<b>8.830</b>	<b>2,157,200.00</b>
<b>Nov-08</b>									
	HPP	IPP	17,921.0	0.0	0.0	17,921.0	9.214	9.214	1,651,200.00
	CALPINE	SCH. D	1.0	0.0	0.0	1.0	10.000	10.000	100.00
	OTHER	SCH. D	402.0	0.0	0.0	402.0	14.204	14.204	57,100.00
	<b>TOTAL</b>		<b>18,324.0</b>	<b>0.0</b>	<b>0.0</b>	<b>18,324.0</b>	<b>9.323</b>	<b>9.323</b>	<b>1,708,400.00</b>
<b>Dec-08</b>									
	HPP	IPP	13,904.0	0.0	0.0	13,904.0	11.374	11.374	1,581,500.00
	CALPINE	SCH. D	374.0	0.0	0.0	374.0	12.620	12.620	47,200.00
	OTHER	SCH. D	1,092.0	0.0	0.0	1,092.0	13.370	13.370	146,000.00
	<b>TOTAL</b>		<b>15,370.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15,370.0</b>	<b>11.547</b>	<b>11.547</b>	<b>1,774,700.00</b>
<b>Jan-08</b>	HPP	IPP	463,563.0	0.0	0.0	463,563.0	8.731	8.731	40,474,900.00
<b>THRU</b>	CALPINE	SCH. D	28,642.0	0.0	0.0	28,642.0	12.098	12.098	3,465,000.00
<b>Dec-08</b>	OTHER	SCH. D	82,693.0	0.0	0.0	82,693.0	12.039	12.039	9,955,700.00
	<b>TOTAL</b>		<b>574,898.0</b>	<b>0.0</b>	<b>0.0</b>	<b>574,898.0</b>	<b>9.375</b>	<b>9.375</b>	<b>53,895,600.00</b>

**ENERGY PAYMENT TO QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH JUNE 2008**

SCHEDULE E8

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUP- TIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUST- MENT
							(A) FUEL COST	(B) TOTAL COST	
Jan-08	VARIOUS	CO-GEN.	54,828.0	0.0	0.0	54,828.0	4.310	4.310	2,363,000.00
Feb-08	VARIOUS	CO-GEN.	49,688.0	0.0	0.0	49,688.0	4.272	4.272	2,122,700.00
Mar-08	VARIOUS	CO-GEN.	54,828.0	0.0	0.0	54,828.0	3.986	3.986	2,185,400.00
Apr-08	VARIOUS	CO-GEN.	54,946.0	0.0	0.0	54,946.0	4.354	4.354	2,392,100.00
May-08	VARIOUS	CO-GEN.	56,799.0	0.0	0.0	56,799.0	4.119	4.119	2,339,700.00
Jun-08	VARIOUS	CO-GEN.	54,946.0	0.0	0.0	54,946.0	4.400	4.400	2,417,700.00
Jul-08	VARIOUS	CO-GEN.	56,799.0	0.0	0.0	56,799.0	4.573	4.573	2,597,600.00
Aug-08	VARIOUS	CO-GEN.	56,799.0	0.0	0.0	56,799.0	4.954	4.954	2,813,900.00
Sep-08	VARIOUS	CO-GEN.	54,946.0	0.0	0.0	54,946.0	5.453	5.453	2,996,400.00
Oct-08	VARIOUS	CO-GEN.	56,799.0	0.0	0.0	56,799.0	4.172	4.172	2,369,900.00
Nov-08	VARIOUS	CO-GEN.	53,038.0	0.0	0.0	53,038.0	4.066	4.066	2,156,500.00
Dec-08	VARIOUS	CO-GEN.	54,828.0	0.0	0.0	54,828.0	4.289	4.289	2,351,600.00
<b>TOTAL</b>			<b>659,244.0</b>	<b>0.0</b>	<b>0.0</b>	<b>659,244.0</b>	<b>4.415</b>	<b>4.415</b>	<b>29,106,500.00</b>

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**ECONOMY ENERGY PURCHASES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH JUNE 2008**

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	TRANSACTION COST cents/KWH	TOTAL \$ FOR FUEL ADJUSTMENT	COST IF GENERATED		FUEL SAVINGS (9B)-(8)
								(A) CENTS PER KWH	(B) (\$000)	
Jan-08	VARIOUS	SCH. - J / MB	307,426.0	38.0	307,388.0	7.359	22,624,500.00	7.359	22,624,500.00	0.00
Feb-08	VARIOUS	SCH. - J / MB	106,487.0	1.0	106,486.0	7.542	8,030,900.00	7.542	8,030,900.00	0.00
Mar-08	VARIOUS	SCH. - J / MB	191,028.0	36.0	190,992.0	6.829	13,044,400.00	6.829	13,044,400.00	0.00
Apr-08	VARIOUS	SCH. - J / MB	202,885.0	428.0	202,457.0	7.903	16,033,000.00	7.903	16,033,000.00	0.00
May-08	VARIOUS	SCH. - J / MB	51,791.0	66.0	51,725.0	8.193	4,243,400.00	8.193	4,243,400.00	0.00
Jun-08	VARIOUS	SCH. - J / MB	112,508.0	298.0	112,210.0	8.004	9,005,100.00	8.004	9,005,100.00	0.00
Jul-08	VARIOUS	SCH. - J / MB	60,295.0	686.0	59,609.0	9.091	5,481,500.00	9.091	5,481,500.00	0.00
Aug-08	VARIOUS	SCH. - J / MB	55,524.0	792.0	54,732.0	9.362	5,198,300.00	9.362	5,198,300.00	0.00
Sep-08	VARIOUS	SCH. - J / MB	109,985.0	334.0	109,651.0	9.509	10,458,100.00	9.509	10,458,100.00	0.00
Oct-08	VARIOUS	SCH. - J / MB	53,896.0	24.0	53,872.0	8.270	4,457,400.00	8.270	4,457,400.00	0.00
Nov-08	VARIOUS	SCH. - J / MB	39,700.0	8.0	39,692.0	7.667	3,043,700.00	7.667	3,043,700.00	0.00
Dec-08	VARIOUS	SCH. - J / MB	72,748.0	3.0	72,745.0	7.462	5,428,600.00	7.462	5,428,600.00	0.00
<b>TOTAL</b>			<b>1,364,273.0</b>	<b>2,714.0</b>	<b>1,361,559.0</b>	<b>7.847</b>	<b>107,048,900.00</b>	<b>7.847</b>	<b>107,048,900.00</b>	<b>0.00</b>

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

SCHEDULE E10

	Current Jan 07 - Dec 07	Projected Jan 08 - Dec 08	Difference	
			\$	%
Base Rate Revenue	\$51.92	\$51.92	0.00	0%
Fuel Recovery Revenue	59.22	52.41	-6.81	-11%
Conservation Revenue	0.73	0.98	0.25	34%
Capacity Revenue	3.25	5.17	1.92	59%
Environmental Revenue	(3.44)	1.04	4.48	-130%
Florida Gross Receipts Tax Revenue	2.86	2.86	0.00	0%
<b>TOTAL REVENUE</b>	<b>\$114.54</b>	<b>\$114.38</b>	<b>(\$0.16)</b>	<b>0%</b>

CAPACITY COSTS  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2008 THROUGH DECEMBER 2008

SCHEDULE E12

CONTRACT	TERM		CONTRACT TYPE
	START	END	
MCKAY BAY REFUSE	8/26/1982	7/31/2011	QF
ORANGE COGEN LP	4/17/1989	12/31/2015	QF
HILLSBOROUGH COUNTY	1/10/1985	3/1/2010	QF
HARDEE POWER PARTNERS	1/1/1993	12/31/2012	LT
SEMINOLE ELECTRIC	6/1/1992	**	LT
CALPINE	5/1/2005	4/30/2011	LT
OTHER NON-FIRM	12/1/2007	3/31/2008	ST

QF = QUALIFYING FACILITY  
LT = LONG TERM  
ST = SHORT TERM  
\*\* THREE YEAR NOTICE REQUIRED FOR TERMINATION.

CONTRACT	JANUARY MW	FEBRUARY MW	MARCH MW	APRIL MW	MAY MW	JUNE MW	JULY MW	AUGUST MW	SEPTEMBER MW	OCTOBER MW	NOVEMBER MW	DECEMBER MW
MCKAY BAY REFUSE	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
HILLSBOROUGH COUNTY	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
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	441.0	441.0	441.0	441.0	441.0	441.0	441.0	441.0	441.0	441.0	441.0	441.0
SEMINOLE ELECTRIC	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
CALPINE	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0	170.0
OTHER NON-FIRM	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0	110.0

CAPACITY YEAR 2008	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
MCKAY BAY REFUSE	317,800	297,300	317,800	307,600	317,800	307,600	317,800	317,800	307,600	317,800	307,600	317,800	3,752,300
HILLSBOROUGH COUNTY	1,046,900	979,300	1,046,900	1,013,100	1,046,900	1,013,100	1,046,900	1,046,900	1,013,100	1,046,900	1,013,100	1,046,900	12,360,000
ORANGE COGEN LP	853,800	798,700	853,800	826,300	853,800	826,300	853,800	853,800	826,300	853,800	826,300	853,800	10,080,500
TOTAL COGENERATION	2,218,500	2,075,300	2,218,500	2,147,000	2,218,500	2,147,000	2,218,500	2,218,500	2,147,000	2,218,500	2,147,000	2,218,500	26,192,800
HARDEE POWER PARTNERS CALPINE - D OTHER NON-FIRM SUBTOTAL CAPACITY PURCHASES	[REDACTED]												
SEMINOLE ELECTRIC - D VARIOUS MARKET BASED SUBTOTAL CAPACITY SALES	[REDACTED]												
TOTAL PURCHASES AND (SALES)	3,691,700	3,685,300	3,654,300	2,884,900	2,865,100	2,879,400	2,887,100	2,891,300	2,870,100	2,880,400	2,920,700	2,941,900	37,052,200
TOTAL CAPACITY	\$5,910,200	\$5,760,600	\$5,872,800	\$5,031,900	\$5,083,600	\$5,026,400	\$5,105,600	\$5,109,800	\$5,017,100	\$5,098,900	\$5,067,700	\$5,160,400	\$63,245,000

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GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY

SCHEDULE H1

PERIOD: JANUARY THROUGH DECEMBER

	ACTUAL 2005	ACTUAL 2006	ACT/EST 2007	EST 2008	DIFFERENCE (%)		
					2006-2005	2007-2006	2008-2007
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1 HEAVY OIL <sup>(1)</sup>	5,541,213	2,899,288	4,587,135	5,251,131	-47.7%	58.2%	14.5%
2 LIGHT OIL <sup>(1)</sup>	8,087,271	6,750,918	7,226,065	7,432,269	-16.5%	7.0%	2.9%
3 COAL	233,255,198	292,472,009	286,540,040	303,371,389	25.4%	-2.0%	5.9%
4 NATURAL GAS	528,761,324	513,398,597	581,718,254	625,992,201	-2.9%	13.3%	7.6%
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 (\$)	775,645,006	815,520,812	880,071,494	942,046,990	5.1%	7.9%	7.0%
<b>SYSTEM NET GENERATION (MWH)</b>							
8 HEAVY OIL <sup>(1)</sup>	70,843	28,562	51,259	57,144	-59.7%	79.5%	11.5%
9 LIGHT OIL <sup>(1)</sup>	64,426	44,642	48,111	54,413	-30.7%	7.8%	13.1%
10 COAL	9,660,298	10,968,579	10,556,022	10,739,070	13.5%	-3.8%	1.7%
11 NATURAL GAS	7,566,524	7,135,589	8,292,713	8,735,870	-5.7%	16.2%	5.3%
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)	17,362,091	18,177,372	18,946,105	19,586,497	4.7%	4.2%	3.4%
<b>UNITS OF FUEL BURNED</b>							
15 HEAVY OIL (BBL) <sup>(1)</sup>	110,256	46,507	80,240	88,556	-57.8%	72.5%	10.4%
16 LIGHT OIL (BBL) <sup>(1)</sup>	119,896	80,031	106,820	150,013	-33.2%	33.5%	40.4%
17 COAL (TON)	4,433,133	5,019,962	4,763,140	4,807,344	13.2%	-5.1%	0.9%
18 NATURAL GAS (MCF)	54,391,128	51,742,329	60,317,523	64,073,800	-4.9%	16.6%	6.2%
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%
<b>BTUS BURNED (MMBTU)</b>							
21 HEAVY OIL <sup>(1)</sup>	691,701	291,767	503,693	1,112,074	-57.8%	72.6%	120.8%
22 LIGHT OIL <sup>(1)</sup>	674,718	453,076	501,033	584,158	-32.8%	10.6%	16.6%
23 COAL	104,591,939	118,342,601	113,154,572	114,335,131	13.1%	-4.4%	1.0%
24 NATURAL GAS	56,454,350	53,483,131	62,130,961	65,867,906	-5.3%	16.2%	6.0%
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)	162,412,708	172,570,575	176,280,259	181,899,269	6.3%	2.2%	3.2%
<b>GENERATION MIX (% MWH)</b>							
28 HEAVY OIL <sup>(1)</sup>	0.41	0.16	0.27	0.29	-	-	-
29 LIGHT OIL <sup>(1)</sup>	0.37	0.25	0.25	0.28	-	-	-
30 COAL	55.64	60.33	55.71	54.83	-	-	-
31 NATURAL GAS	43.58	39.26	43.77	44.60	-	-	-
32 NUCLEAR	0.00	0.00	0.00	0.00	-	-	-
33 OTHER	0.00	0.00	0.00	0.00	-	-	-
34 TOTAL (%)	100.00	100.00	100.00	100.00	-	-	-
<b>FUEL COST PER UNIT</b>							
35 HEAVY OIL (\$/BBL) <sup>(1)</sup>	50.26	62.34	57.17	59.30	24.0%	-8.3%	3.7%
36 LIGHT OIL (\$/BBL) <sup>(1)</sup>	67.45	84.35	67.65	49.54	25.1%	-19.8%	-26.8%
37 COAL (\$/TON)	52.62	58.26	60.16	63.11	10.7%	3.3%	4.9%
38 NATURAL GAS (\$/MCF)	9.72	9.92	9.64	9.77	2.1%	-2.8%	1.3%
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%
<b>FUEL COST PER MMBTU (\$/MMBTU)</b>							
41 HEAVY OIL <sup>(1)</sup>	8.01	9.94	9.11	4.72	24.1%	-8.4%	-48.2%
42 LIGHT OIL <sup>(1)</sup>	11.99	14.90	14.42	12.72	24.3%	-3.2%	-11.8%
43 COAL	2.23	2.47	2.53	2.65	10.8%	2.4%	4.7%
44 NATURAL GAS	9.37	9.60	9.36	9.50	2.5%	-2.5%	1.5%
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)	4.78	4.73	4.99	5.18	-1.0%	5.5%	3.8%
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48 HEAVY OIL <sup>(1)</sup>	9,764	10,215	9,826	19,461	4.6%	-3.8%	98.1%
49 LIGHT OIL <sup>(1)</sup>	10,473	10,149	10,414	10,736	-3.1%	2.6%	3.1%
50 COAL	10,827	10,789	10,719	10,647	-0.4%	-0.6%	-0.7%
51 NATURAL GAS	7,461	7,495	7,492	7,540	0.5%	0.0%	0.6%
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)	9,354	9,494	9,304	9,287	1.5%	-2.0%	-0.2%
<b>GENERATED FUEL COST PER KWH (cents/KWH)</b>							
55 HEAVY OIL <sup>(1)</sup>	7.82	10.15	8.95	9.19	29.8%	-11.8%	2.7%
56 LIGHT OIL <sup>(1)</sup>	12.55	15.12	15.02	13.66	20.5%	-0.7%	-9.1%
57 COAL	2.41	2.67	2.71	2.82	10.8%	1.5%	4.1%
58 NATURAL GAS	6.99	7.19	7.01	7.17	2.9%	-2.5%	2.3%
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)	4.47	4.49	4.64	4.81	0.4%	3.3%	3.7%

<sup>(1)</sup> DISTILLATE (BBL, MWH & \$) USED FOR FIRING, HOT STANDBY, ETC. IS INCLUDED IN FOSSIL STEAM PLANTS.