



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 060001-EI  
IN RE: FUEL & PURCHASED POWER COST RECOVERY  
AND  
CAPACITY COST RECOVERY  
PROJECTIONS  
JANUARY 2007 THROUGH DECEMBER 2007  
TESTIMONY AND EXHIBIT  
OF  
CARLOS ALDAZABAL

DOCUMENT NUMBER-DATE

08072 SEP-18

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 11 years of  
21           electric utility experience working in the areas of fuel  
22           and interchange accounting, surveillance reporting,  
23           budgeting and analysis, and regulatory affairs. In  
24           April 1999, I joined Tampa Electric as Supervisor,  
25           Regulatory Accounting. In January 2004, I was promoted

1 to Manager, Regulatory Affairs. My present  
2 responsibilities include managing cost recovery for fuel  
3 and purchased power, interchange sales, and capacity  
4 payments.

5  
6 **Q.** What is the purpose of your testimony?

7  
8 **A.** The purpose of my testimony is to present, for Commission  
9 review and approval, the proposed annual capacity cost  
10 recovery factors, the proposed annual levelized fuel and  
11 purchased power cost recovery factors and the projected  
12 wholesale incentive benchmark for January 2007 through  
13 December 2007. In addition, I will address the 2007  
14 projected incremental security costs as a result of the  
15 September 11, 2001 attacks as well as the appropriate  
16 base amount and period for calculating incremental  
17 security costs. I will also describe significant events  
18 that affect the factors and provide an overview of the  
19 composite effect from the various cost recovery factors  
20 for 2007.

21  
22 **Q.** Have you prepared any exhibits to support your testimony?

23  
24 **A.** Yes. My Exhibit CA-3, consisting of two documents, was  
25 prepared under my direction and supervision. Document

1 No. 1 of Exhibit CA-3 is furnished as support for the  
2 projected capacity cost recovery factors. Document No. 2  
3 which is furnished as support for the proposed levelized  
4 fuel and purchased power cost recovery factors, is  
5 comprised of Schedules E1 through E10 and E12 for January  
6 2007 through December 2007 as well as Schedule H1 for  
7 January through December, 2004 through 2007.

8  
9 **Capacity Cost Recovery**

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

13  
14 **A.** Yes. The capacity cost recovery factors, prepared under  
15 my direction and supervision, are provided in Exhibit CA-  
16 3, Document No. 1, Projected Capacity Cost Recovery.

17  
18 **Q.** What payments are included in Tampa Electric's capacity  
19 cost recovery factors?

20  
21 **A.** Tampa Electric is requesting recovery of capacity  
22 payments for power purchased for retail customers  
23 excluding optional provision purchases for interruptible  
24 customers through the capacity cost recovery factors.

25

1 The company is also requesting recovery of incremental  
2 security expenses as a result of the events of September  
3 11, 2001, as authorized in previous years. As shown on  
4 Exhibit CA-3, Document No. 1, Tampa Electric requests  
5 recovery of \$668,761, after jurisdictional separation,  
6 for estimated expenses in 2007.

7  
8 **Q.** Were Tampa Electric's base year "post-9/11" security  
9 costs adjusted for retail energy sales growth as required  
10 by Order No. PSC-03-1461-FOF-EI, filed in Docket No.  
11 030001-EI on December 22, 2003?

12  
13 **A.** Yes. Tampa Electric's 2006 actual adjusted base year  
14 total security O&M costs were \$2,218,979. After  
15 adjusting this amount for expected energy sales growth, a  
16 \$2,273,344 baseline was used to calculate Tampa  
17 Electric's 2007 incremental security costs. This  
18 calculation is shown on Exhibit CA-3, Document No. 1, and  
19 page 5 of 5.

20  
21 **Q.** Please summarize the proposed capacity cost recovery  
22 factors by rate schedule for January 2007 through  
23 December 2007.

1	<b>A.</b>	<b>Capacity Cost Recovery</b>
2	<u>Rate Schedule</u>	<u>Factor (cents per kWh)</u>
3	Average Factor	0.271
4	RS	0.325
5	GS and TS	0.311
6	GSD, EV-X	0.261
7	GSLD and SBF	0.222
8	IS-1, IS-3, SBI-1, SBI-3	0.020
9	SL-2, OL-1 and OL-3	0.042

10

11 These factors are shown in Exhibit CA-3, Document No. 1,  
 12 and page 4 of 5.

13

14 **Q.** How does Tampa Electric's proposed average capacity cost  
 15 recovery factor of 0.271 cents per kWh compare to the  
 16 factor for January through December 2006?

17

18 **A.** The proposed capacity cost recovery factor is 0.016 cents  
 19 per kWh (or \$0.16 per 1,000 kWh) lower than the average  
 20 capacity cost recovery factor of 0.287 cents per kWh for  
 21 the January 2006 through December 2006 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 2007?

1   **A.**   The appropriate amount for the 2007 period is 5.897 cents  
2           per kWh before the normal application of factors that  
3           adjust for variations in line losses.   Schedule E1 of  
4           Exhibit CA-3, Document No. 2, Fuel Projection, shows the  
5           appropriate value for the total fuel and purchased power  
6           cost recovery factor as projected for the period January  
7           2007 through December 2007.

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 penalty of \$99,791, which  
15          is included in the calculation of the total fuel and  
16          purchased power cost recovery factors.   Additionally, E1-  
17          C indicates the net true-up amount for the January 2006  
18          through December 2006 period.   The net true-up amount for  
19          this period is an under-recovery of \$157,776,979.

20  
21   **Q.**   Please describe the information provided on Schedule E1-  
22          D.

23   **A.**   Schedule E1-D presents Tampa Electric's on-peak and off-  
24          peak fuel adjustment factors for January 2007 through  
25          December 2007.

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

3  
4 A. Schedule E1-E presents the standard, on-peak and off-peak  
5 fuel adjustment factors after adjusting for variations in  
6 line losses.

7  
8 Q. Please summarize the proposed fuel and purchased power  
9 cost recovery factors by rate schedule for January 2007  
10 through December 2007.

11  
12 A.

<u>Rate Schedule</u>	<u>Fuel Charge</u> <u>Factor (cents per kWh)</u>
Average Factor	5.897
RS, GS and TS	5.922
RST and GST	7.392 (on-peak)
	5.146 (off-peak)
SL-2, OL-1 and OL-3	5.483
GSD, GSLD, and SBF	5.899
GSDT, GSLDT, EV-X and SBFT	7.364 (on-peak)
	5.126 (off-peak)
IS-1, IS-3, SBI-1, SBI-3	5.745
IST-1, IST-3, SBIT-1, SBIT-3	7.171 (on-peak)
	4.992 (off-peak)

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25



1 Q. How does Tampa Electric's proposed average fuel  
2 adjustment factor of 5.897 cents per kWh compare to the  
3 average fuel adjustment factor for the January 2006  
4 through December 2006 period?

5  
6 A. The proposed fuel charge factor is 0.484 cents per kWh  
7 (or \$4.84 per 1,000 kWh) higher than the average fuel  
8 charge factor of 5.413 cents per kWh for the January 2006  
9 through December 2006 period.

10

11 **Events Affecting the Projection Filing**

12 Q. Are there any significant events reflected in the  
13 calculation of the 2007 fuel and purchased power and  
14 capacity cost recovery projections?

15

16 A. Yes. There are three significant events. These are 1)  
17 the significant changes in natural gas prices that  
18 resulted from Hurricane Katrina; 2) the company's  
19 wholesale purchases; and 3) Tampa Electric's recovery of  
20 waterborne coal transportation costs as required in Order  
21 No. PSC-04-0999-FOF-EI ("Order No. 04-0999") issued  
22 October 12, 2004 in Docket No. 031033-EI.

23

24 Q. Please describe the first event that affects the  
25 company's projection filing.

1     **A.**    With the addition of the natural gas-fired Bayside  
2            Station in 2004, Tampa Electric has increased its  
3            reliance on natural gas as a fuel source.    In 2005,  
4            Hurricane Katrina affected the region where much of the  
5            nation's natural gas supply originates, resulting in  
6            reduced production and delivery constraints that caused a  
7            spike in the price of natural gas.  The spike in natural  
8            gas prices over the last quarter of 2005 resulted in an  
9            average natural gas price per MMBTU that was 60% higher  
10           than the price in the 2006 projection filed in October  
11           2005.  Witness J. T. Wehle's direct testimony describes  
12           the increase in natural gas costs in more detail.  The  
13           post-hurricane effects of Hurricane Katrina on natural  
14           gas prices are a key driver behind Tampa Electric's  
15           increased fuel costs.

16  
17     **Q.**    Please describe the second event.

18  
19     **A.**    Tampa Electric entered into or continued several cost  
20            effective purchase agreements with Progress Energy  
21            Florida, Cargill and Calpine Energy Services, L.P.  The  
22            purchases improve supply reliability for retail  
23            ratepayers in 2006 and 2007 at reasonable and prudent  
24            costs.  The direct testimony of Tampa Electric witness B.  
25            F. Smith describes the purchases and demonstrates that

1 the costs associated with the purchased power agreements  
2 are prudent and appropriate for recovery through the Fuel  
3 and Purchased Power and Capacity Cost Recovery Clauses.  
4

5 Tampa Electric also intends to enter into purchase  
6 agreements to replace lost generation capacity during  
7 the planned Big Bend scrubber outages beginning in 2007.  
8

9 **Q.** Please describe the third event that affects the  
10 company's projection filing.  
11

12 **A.** The calculation of the 2007 fuel and purchased power  
13 factor reflects Tampa Electric's recovery of waterborne  
14 coal transportation costs as required in Order No. PSC-  
15 04-0999-FOF-EI ("Order No. 04-0999") issued October 12,  
16 2004 in Docket No. 031033-EI. Tampa Electric adjusted  
17 fuel expense for the disallowance of costs required by  
18 FPSC Order No. 04-0999, which specifies that a portion  
19 of the costs incurred by Tampa Electric under the  
20 current contract with TECO Transport is not reasonable  
21 for cost recovery. The annual adjustment to the  
22 company's fuel cost recovery is projected to be  
23 \$15,315,380 in 2007. This adjustment will be trued up  
24 to reflect the actual tons shipped and associated  
25 calculated disallowances as part of the normal true-up

1 process.

2

3 **Wholesale Incentive Benchmark Mechanism**

4 **Q.** What is Tampa Electric's projected wholesale incentive  
5 benchmark for 2007?

6

7 **A.** The company's projected 2007 benchmark is \$1,165,220,  
8 which is the three-year average of \$1,049,937, \$878,238  
9 and \$1,567,484 in gains on the company's non-separated  
10 wholesale sales, excluding emergency sales, for 2004,  
11 2005 and 2006 (estimated/actual), respectively.

12

13 **Q.** Does Tampa Electric expect gains in 2007 from non-  
14 separated wholesale sales to exceed its 2007 wholesale  
15 incentive benchmark?

16

17 **A.** No. Tampa Electric anticipates that sales will not  
18 exceed the projected benchmark of \$1,165,220.

19

20 **Cost Recovery Factors**

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

25

1    **A.**    The composite effect on a residential bill for 1,000 kWh  
2            is an increase of \$4.93 beginning January 2007. These  
3            charges are shown in Exhibit CA-3, Document No. 2, on  
4            Schedule E10.

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

7  
8    **A.**    The new rates should go into effect concurrent with the  
9            first billing cycle for January 2007.

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

12  
13   **A.**    Yes, it does.  
14  
15  
16  
17  
18  
19  
20  
21

**EXHIBIT TO THE TESTIMONY OF  
CARLOS ALDAZABAL**

**DOCUMENT NO. 1**

**PROJECTED CAPACITY COST RECOVERY  
JANUARY 2007 - DECEMBER 2007**

**TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS  
JANUARY 2007 THROUGH DECEMBER 2007  
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%	9,255,915	1,867	1.06585	1.04883	9,707,862	1,990	46.51%	56.40%
GS, TS	59.28%	1,097,671	211	1.06585	1.04883	1,151,268	225	5.52%	6.38%
GSD, EV-X	71.68%	5,594,333	891	1.06518	1.04822	5,864,089	949	28.09%	26.90%
GSLD, SBF	84.31%	2,530,495	343	1.05143	1.03725	2,624,745	361	12.58%	10.23%
IS-1&3, SBI-1&3	NA	1,282,897	NA	NA	1.01750	1,305,351	NA	6.25%	NA
SL/OL	770.77%	208,981	3	1.06585	1.04883	219,185	3	1.05%	0.09%
<b>TOTAL</b>		<b>19,970,292</b>	<b>3,315</b>			<b>20,872,500</b>	<b>3,528</b>	<b>100.00%</b>	<b>100.00%</b>

- (1) AVG 12 CP load factor based on actual 2004 calendar data.
- (2) Projected MWH sales for the period Jan. 2007 thru Dec. 2007.
- (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 2007 THROUGH DECEMBER 2007  
PROJECTED

	Estimated												Total
	January	February	March	April	May	June	July	August	September	October	November	December	
1 UNIT POWER CAPACITY CHARGES	3,137,000	3,137,000	3,137,000	2,272,000	2,272,000	2,272,000	2,272,000	2,272,000	2,272,000	2,272,000	2,272,000	2,947,000	30,534,000
2 CAPACITY PAYMENTS TO COGENERATORS	2,088,900	1,704,200	2,088,900	1,956,300	2,088,900	1,956,300	2,088,900	2,088,900	1,956,300	2,088,900	1,956,300	2,088,900	24,151,700
3 SECURITY COSTS	58,794	27,765	54,242	56,272	66,083	49,321	62,900	58,276	57,454	64,069	65,206	71,435	691,817
4 (UNIT POWER CAPACITY REVENUES)	(35,700)	(40,800)	(32,900)	(43,500)	(46,300)	(42,300)	(56,000)	(49,800)	(57,200)	(37,600)	(38,700)	(30,200)	(511,000)
5 TOTAL CAPACITY DOLLARS	\$5,248,994	\$4,828,165	\$5,247,242	\$4,241,072	\$4,380,683	\$4,235,321	\$4,367,800	\$4,369,376	\$4,228,554	\$4,387,369	\$4,254,806	\$5,077,135	\$54,866,517
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	0.9666743
7 JURISDICTIONAL CAPACITY DOLLARS	\$5,074,068	\$4,667,263	\$5,072,374	\$4,099,735	\$4,234,694	\$4,094,176	\$4,222,240	\$4,223,763	\$4,087,634	\$4,241,157	\$4,113,012	\$4,907,936	\$53,038,052
8 ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD JAN. 2006 - DEC. 2006													960,951
9 TOTAL													\$53,999,003
10 REVENUE TAX FACTOR													1.00072
11 TOTAL RECOVERABLE CAPACITY DOLLARS													<u>\$54,037,882</u>



**TAMPA ELECTRIC COMPANY  
CAPACITY COST RECOVERY CLAUSE  
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS  
JANUARY 2007 THROUGH DECEMBER 2007  
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	46.51%	56.40%	1,932,728	28,133,657	30,066,385	9,255,915	3.25
GS, TS	5.52%	6.38%	229,384	3,182,495	3,411,879	1,097,671	3.11
GSD, EV-X	28.09%	26.90%	1,167,284	13,418,357	14,585,641	5,594,333	2.61
GSLD, SBF	12.58%	10.23%	522,764	5,102,966	5,625,730	2,530,495	2.22
IS-1&3, SBI-1&3	6.25%	NA	259,720	0	259,720	1,282,897	0.20
SL/OL	1.05%	0.09%	43,633	44,894	88,527	208,981	0.42
<b>TOTAL</b>	<b>100.00%</b>	<b>100.00%</b>	<b>4,155,513</b>	<b>49,882,369</b>	<b>54,037,882</b>	<b>19,970,292</b>	<b>2.71</b>
			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.

**2007 Incremental Security O & M Expense**  
**Calculation of 2007 Projected Incremental Security O&M Expense:**

*Based on Security Expenses at Locations Where Post-9/11 Guards Patrol*

	<b>2007 Projection</b>
Adjusted Baseline Amount Developed in 2006	\$ 2,218,979
Multiplied by 2006 Growth Factor <sup>1</sup>	1.0245
2007 Baseline Security O&M Expense Adjusted for Energy Sales Growth <sup>1</sup>	2,273,344
Total Security O&M Expense at Locations Where Post-9/11 Guards Patrol	\$ 3,507,063
Less Baseline Adjusted for Energy Sales Growth	(2,273,344)
	1,233,719
<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	(71,568)
Recoverable Incremental Security O&M Expense <sup>2</sup>	\$ 691,817
Retail Jurisdictional Separation Factor	0.9666743
<b>2007 Recoverable Retail Incremental Security O&amp;M Expense</b>	<b>\$ 668,761</b>

<sup>1</sup> Projected growth factor will be trued up in 2007.

<sup>2</sup> All incremental security O&M expense is for guard services.

EXHIBIT TO THE TESTIMONY OF  
CARLOS ALDAZABAL

DOCUMENT NO. 2

PROJECTED FUEL AND PURCHASED POWER COST RECOVERY  
JANUARY 2007 - DECEMBER 2007

SCHEDULES E1 THROUGH E10  
SCHEDULE E12  
SCHEDULE H1

TAMPA ELECTRIC COMPANY

TABLE OF CONTENTS

PAGE NO.	DESCRIPTION	PERIOD
2	Schedule E1 Cost Recovery Clause Calculation	(JAN. 2007 - DEC. 2007)
3	Schedule E1-A Calculation of Total True-Up	( " )
4	Schedule E1-C GPIF & True-Up Adj. Factors	( " )
5	Schedule E1-D Fuel Adjustment Factor for TOD	( " )
6	Schedule E1-E Fuel Recovery Factor-with Line Losses	( " )
7	Schedule E2 Cost Recovery Clause Calculation (By Month)	( " )
8-9	Schedule E3 Generating System Comparative Data	( " )
10-21	Schedule E4 System Net Generation & Fuel Cost	( " )
22-23	Schedule E5 Inventory Analysis	( " )
24	Schedule E6 Power Sold	( " )
25-26	Schedule E7 Purchased Power	( " )
27	Schedule E8 Energy Payment to Qualifying Facilities	( " )
28	Schedule E9 Economy Energy Purchases	( " )
29	Schedule E10 Residential Bill Comparison	( " )
30	Schedule E12 Capacity Costs	( " )
31	Schedule H1 Generating System Comparative Data	(JAN. - DEC. 2004-2007)

**FUEL AND PURCHASED POWER  
COST RECOVERY CLAUSE CALCULATION  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007**

SCHEDULE E1

	DOLLARS	MWH	CENTS/KWH
1. Fuel Cost of System Net Generation (E3)	886,866,902	18,821,212	4.71206
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)	(99,456)	18,821,212 <sup>(1)</sup>	(0.00053)
4b. Adjustments to Fuel Cost	0	18,821,212 <sup>(1)</sup>	0.00000
4c. Adjustments to Fuel Cost (Incremental Hedging O&M)	0	18,821,212 <sup>(1)</sup>	0.00000
<b>5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4c)</b>	<b>886,767,446</b>	<b>18,821,212</b>	<b>4.71153</b>
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	19,463,400	256,297	7.59408
7. Energy Cost of Economy Purchases (E9)	145,008,200	2,199,717	6.59213
8. Demand and Non-Fuel Cost of Purchased Power	0	0	0.00000
9. Energy Payments to Qualifying Facilities (E8)	19,760,700	526,045	3.75647
<b>10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)</b>	<b>184,232,300</b>	<b>2,982,059</b>	<b>6.17802</b>
<b>11. TOTAL AVAILABLE KWH (LINE 5 + LINE 10)</b>		21,803,271	
12. Fuel Cost of Schedule D Sales - Jurisd. (E6)	322,900	15,306	2.10963
13. Fuel Cost of Market Based Sales - Jurisd. (E6)	1,812,700	29,980	6.04636
14. Gains on Sales	607,700	NA	NA
15. Fuel Cost of NSB Separated D Sale (E6)	4,136,400	87,600	4.72192
<b>16. TOTAL FUEL COST AND GAINS OF POWER SALES</b>	<b>6,879,700</b>	<b>132,886</b>	<b>5.17714</b>
17. Net Inadvertant Interchange		0	
18. Wheeling Received Less Wheeling Delivered		0	
19. Interchange and Wheeling Losses		2,500	
<b>20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-16+17+18-19)</b>	<b>1,064,120,046</b>	<b>21,667,885</b>	<b>4.91105</b>
21. Net Unbilled	NA <sup>(1)(a)</sup>	NA <sup>(a)</sup>	NA
22. Company Use	1,767,978 <sup>(1)</sup>	36,000	0.00860
23. T & D Losses	52,614,636 <sup>(1)</sup>	1,071,352	0.25590
24. System MWH Sales	1,064,120,046	20,560,533	5.17555
25. Wholesale MWH Sales	(30,570,554)	(590,241)	5.17933
26. Jurisdictional MWH Sales	1,033,549,492	19,970,292	5.17544
27. Jurisdictional Loss Multiplier			1.00087
28. Jurisdictional MWH Sales Adjusted for Line Loss	1,034,453,540	19,970,292	5.17996
29. Waterborne Coal Transportation Contract Adj. (WCT) <sup>(2)</sup>	(15,315,380)	19,970,292	(0.07669)
30. True-up <sup>(3)</sup>	157,776,979	19,970,292	0.79006
31. Total Jurisdictional Fuel Cost (Excl. GPIF and Incl. WCT)	1,176,915,139	19,970,292	5.89333
32. Revenue Tax Factor			1.00072
33. Fuel Factor (Excl. GPIF) Adjusted for Taxes	1,177,762,518	19,970,292	5.89757
34. GPIF Adjusted for Taxes <sup>(3)</sup>	(99,791)	19,970,292	(0.00050)
<b>35. Fuel Factor Adjusted for Taxes including GPIF</b>	<b>1,177,662,727</b>	<b>19,970,292</b>	<b>5.89707</b>
<b>36. Fuel Factor Rounded to Nearest .001 cents per KWH</b>			<b>5.897</b>

(a) Data not available at this time.

<sup>(1)</sup> Included For Informational Purposes Only<sup>(2)</sup> Represents WCT adjustment for 2007 required by FPSC Order No. PSC-04-0999-FOF-EI.<sup>(3)</sup> Calculation Based on Jurisdictional KWH Sales

**CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007**

SCHEDULE E1-A

1.	ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B) January 2006 - December 2006 (6 months actual, 6 months estimated )	(\$51,260,142)
2.	FINAL TRUE-UP (January 2005 - December 2005) (Per True-Up filed March 1, 2006)	<u>(106,516,837)</u>
3.	TOTAL OVER/(UNDER) RECOVERY (Line 1 + Line 2) To be included in the 12-month projected period January 2007 through December 2007 (Schedule E1, line 28)	<u>(\$157,776,979)</u>
4.	JURISDICTIONAL MWH SALES (Projected January 2007 through December 2007)	19,970,292
5.	TRUE-UP FACTOR - cents/kWh (Line 3 / Line 4 * 100 cents / 1,000 kWh)	<b>0.7901</b>

SCHEDULE E1-C

**INCENTIVE FACTOR AND TRUE-UP FACTOR  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007**

1. TOTAL AMOUNT OF ADJUSTMENTS		
A. GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2007 through December 2007)	(\$99,791)	
B. TRUE-UP OVER / (UNDER) RECOVERED (January 2006 through December 2006)	(\$157,776,979)	
2. TOTAL SALES (January 2007 through December 2007)	19,970,292	MWh
3. ADJUSTMENT FACTORS		
A. GENERATING PERFORMANCE INCENTIVE FACTOR	(0.0005)	Cents/kWh
B. TRUE-UP FACTOR	0.7901	Cents/kWh

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

SCHEDULE E1-D

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007

1. COST RATIO  
 ON-PEAK COST / OFF-PEAK COST =  $\frac{8.702}{6.058} = 1.4364$

2. SALES/GENERATION  
 34.55 % ON-PEAK  
 65.45 % 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)

$$5.8971 = 0.3455 * 1.4364 Y + 0.6545 Y$$

$$5.8971 = 1.1508 Y$$

$$5.1243 = Y$$

where Y = OFF-PEAK FACTOR and

$$X = 1.4364 Y$$

$$X = 1.4364 * 5.1243$$

$$X = 7.3605$$

where X = ON-PEAK FACTOR

4. FUEL COST (CENTS/KWH)	<u>ON-PEAK</u>	<u>OFF-PEAK</u>
	7.3605	5.1243

5. FUEL FACTOR (CENTS/KWH, NEAREST 0.001)	<u><u>7.361</u></u>	<u><u>5.124</u></u>
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**FUEL RECOVERY FACTORS - BY RATE GROUP  
(ADJUSTED FOR LINE/TRANSFORMATION LOSSES)  
TAMPA ELECTRIC COMPANY  
FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007**

SCHEDULE E1-E

GROUP	RATE SCHEDULE	AVERAGE FACTOR	FUEL RECOVERY LOSS MULTIPLIER	FUEL RECOVERY FACTOR
A	RS,GS,TS	5.897	1.0042	5.922
A1*	SL-2, OL-1&3	5.897	N/A	5.483
B	GSD,GSLD,SBF	5.897	1.0004	5.899
C	IS-1&3,SBI-1&3	5.897	0.9742	5.745
A	RST,GST			
	ON-PEAK	7.361	1.0042	7.392
	OFF-PEAK	5.124	1.0042	5.146
B	GSDT, EV-X, GSLDT, SBFT			
	ON-PEAK	7.361	1.0004	7.364
	OFF-PEAK	5.124	1.0004	5.126
C	IST-1&3, SBIT-1&3			
	ON-PEAK	7.361	0.9742	7.171
	OFF-PEAK	5.124	0.9742	4.992

\* 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 2007 THROUGH DECEMBER 2007**

SCHEDULE E2

	(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)
	Jan-07	Feb-07	Mar-07	Apr-07	May-07	ESTIMATED Jun-07	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	TOTAL PERIOD
1. Fuel Cost of System Net Generation	69,620,843	65,889,682	68,709,033	64,256,772	78,678,091	79,550,140	89,814,661	89,213,114	78,605,878	69,396,540	61,388,068	70,744,080	886,866,902
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>	964,400	445,500	445,400	426,300	707,100	542,900	558,200	532,800	769,100	460,500	577,700	449,800	6,879,700
4. Fuel Cost of Purchased Power	1,437,300	1,200,100	1,057,300	124,300	1,873,000	1,837,500	2,054,400	2,172,100	1,803,300	792,700	258,900	4,852,500	19,463,400
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	1,508,300	1,475,500	1,609,200	1,619,300	1,646,700	1,693,100	1,870,700	1,732,500	1,623,000	1,738,100	1,456,900	1,787,400	19,760,700
7. Energy Cost of Economy Purchases	5,668,400	6,547,000	10,619,800	11,818,000	15,374,000	16,043,000	18,148,800	19,752,500	17,667,400	11,558,200	6,786,900	5,024,200	145,008,200
8a. Adj. to Fuel Cost (Ft. Meade/Wauchula Wheeling)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(8,288)	(99,456)
8b. Adj. To Fuel Cost	0	0	0	0	0	0	0	0	0	0	0	0	0
8c. Adj. To Fuel Cost (Incremental Hedging O&M)	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>9. TOTAL FUEL &amp; NET POWER TRANSACTIONS</b>	<b>77,262,155</b>	<b>75,658,494</b>	<b>81,541,645</b>	<b>77,383,784</b>	<b>96,856,403</b>	<b>98,572,552</b>	<b>111,322,073</b>	<b>112,329,126</b>	<b>98,922,190</b>	<b>83,016,752</b>	<b>69,304,780</b>	<b>81,950,092</b>	<b>1,064,120,046</b>
10. Jurisdictional MWH Sold	1,563,258	1,429,392	1,403,073	1,448,365	1,595,204	1,856,710	1,942,423	1,944,216	1,976,297	1,774,352	1,524,989	1,512,015	19,970,292
11. Jurisdictional % of Total Sales	0.9705289	0.9722928	0.9663150	0.9689881	0.9707557	0.9717861	0.9700218	0.9662006	0.9686762	0.9664011	0.9771142	0.9898813	
12. Jurisdictional Total Fuel & Net Power Transactions (Line 9 * Line 11)	74,985,154	73,562,209	78,794,915	74,983,966	94,023,905	95,791,436	107,984,838	108,532,469	95,823,571	80,227,480	67,718,685	81,120,864	1,033,549,492
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)	75,050,744	73,626,554	78,863,837	75,049,555	94,106,148	95,875,225	108,079,293	108,627,403	95,907,388	80,297,655	67,777,919	81,191,821	1,034,453,542
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>73,774,462</b>	<b>72,350,272</b>	<b>77,587,555</b>	<b>73,773,273</b>	<b>92,829,866</b>	<b>94,598,943</b>	<b>106,803,011</b>	<b>107,351,121</b>	<b>94,631,106</b>	<b>79,021,373</b>	<b>66,501,637</b>	<b>79,915,543</b>	<b>1,019,138,162</b>
17. Cost Per kWh Sold (Cents/kWh)	4.7193	5.0616	5.5298	5.0936	5.8193	5.0950	5.4984	5.5216	4.7883	4.4535	4.3608	5.2854	5.1033
18. True-up (Cents/kWh) <sup>(2)</sup>	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901	0.7901
19. Total (Cents/kWh) (Line 17+18)	5.5094	5.8517	6.3199	5.8837	6.6094	5.8851	6.2885	6.3117	5.5784	5.2436	5.1509	6.0755	5.8934
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)	5.5134	5.8559	6.3245	5.8879	6.6142	5.8893	6.2930	6.3162	5.5824	5.2474	5.1546	6.0799	5.8976
22. GPIF Adjusted for Taxes (Cents/kWh) <sup>(2)</sup>	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)	(0.0005)
<b>23. TOTAL RECOVERY FACTOR (LINE 21+22)</b>	<b>5.5129</b>	<b>5.8554</b>	<b>6.3240</b>	<b>5.8874</b>	<b>6.6137</b>	<b>5.8888</b>	<b>6.2925</b>	<b>6.3157</b>	<b>5.5819</b>	<b>5.2469</b>	<b>5.1541</b>	<b>6.0794</b>	<b>5.8971</b>
<b>24. RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH</b>	<b>5.513</b>	<b>5.855</b>	<b>6.324</b>	<b>5.887</b>	<b>6.614</b>	<b>5.889</b>	<b>6.293</b>	<b>6.316</b>	<b>5.582</b>	<b>5.247</b>	<b>5.154</b>	<b>6.079</b>	<b>5.897</b>

<sup>(1)</sup> Includes Gains

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

25

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007

SCHEDULE E3

	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>						
1. HEAVY OIL	37,037	8,151	18,006	14,239	186,722	145,868
2. LIGHT OIL	738,240	600,250	657,739	453,802	629,130	609,351
3. COAL	27,179,732	18,458,995	20,464,302	19,329,953	22,945,470	26,993,829
4. NATURAL GAS	41,665,834	47,822,286	47,568,986	44,458,778	54,916,769	51,801,092
5. NUCLEAR	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0
<b>7. TOTAL (\$)</b>	<b>69,620,843</b>	<b>66,889,682</b>	<b>68,709,033</b>	<b>64,256,772</b>	<b>78,678,091</b>	<b>79,550,140</b>
<b>SYSTEM NET GENERATION (MWH)</b>						
8. HEAVY OIL	381	82	191	141	1,973	1,538
9. LIGHT OIL	4,775	4,063	4,473	3,085	4,264	4,156
10. COAL	1,006,545	687,368	756,422	706,511	837,254	981,793
11. NATURAL GAS	482,716	581,545	604,088	636,096	797,707	744,822
12. NUCLEAR	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0
<b>14. TOTAL (MWH)</b>	<b>1,494,417</b>	<b>1,273,058</b>	<b>1,365,174</b>	<b>1,345,833</b>	<b>1,641,198</b>	<b>1,732,309</b>
<b>UNITS OF FUEL BURNED</b>						
15. HEAVY OIL (BBL)	590	127	296	219	3,059	2,386
16. LIGHT OIL (BBL)	12,275	8,834	10,952	8,338	10,451	10,441
17. COAL (TON)	450,118	302,137	332,234	313,712	378,004	443,993
18. NATURAL GAS (MCF)	3,481,965	4,161,641	4,335,922	4,568,763	5,843,982	5,476,721
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	3,708	800	1,860	1,372	19,210	14,982
22. LIGHT OIL	52,711	42,983	47,333	32,701	45,486	44,329
23. COAL	10,733,826	7,280,373	8,028,886	7,505,601	8,995,911	10,569,316
24. NATURAL GAS	3,579,389	4,278,082	4,457,329	4,696,435	6,007,551	5,629,971
25. NUCLEAR	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0
<b>27. TOTAL (MMBTU)</b>	<b>14,369,634</b>	<b>11,602,238</b>	<b>12,535,408</b>	<b>12,236,109</b>	<b>15,068,158</b>	<b>16,258,598</b>
<b>GENERATION MIX (% MWH)</b>						
28. HEAVY OIL	0.03	0.01	0.01	0.01	0.12	0.09
29. LIGHT OIL	0.32	0.32	0.33	0.23	0.26	0.24
30. COAL	67.35	53.99	55.41	52.50	51.01	56.67
31. NATURAL GAS	32.30	45.68	44.25	47.26	48.61	43.00
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)	62.77	64.18	60.83	65.02	61.04	61.13
36. LIGHT OIL (\$/BBL)	60.14	67.95	60.06	54.43	60.20	58.36
37. COAL (\$/TON)	60.38	61.09	61.60	61.62	60.70	60.80
38. NATURAL GAS (\$/MCF)	11.97	11.49	10.97	9.73	9.40	9.46
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	9.99	10.19	9.68	10.38	9.72	9.74
42. LIGHT OIL	14.01	13.96	13.90	13.88	13.83	13.75
43. COAL	2.53	2.54	2.55	2.58	2.55	2.55
44. NATURAL GAS	11.64	11.18	10.67	9.47	9.14	9.20
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>4.84</b>	<b>5.77</b>	<b>5.48</b>	<b>5.25</b>	<b>5.22</b>	<b>4.89</b>
<b>BTU BURNED PER KWH (BTU/KWH)</b>						
48. HEAVY OIL	9,732	9,756	9,738	9,730	9,736	9,741
49. LIGHT OIL	11,039	10,579	10,582	10,600	10,667	10,666
50. COAL	10,664	10,592	10,614	10,623	10,745	10,765
51. NATURAL GAS	7,415	7,356	7,379	7,383	7,531	7,559
52. NUCLEAR	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0
<b>54. TOTAL (BTU/KWH)</b>	<b>9,616</b>	<b>9,114</b>	<b>9,182</b>	<b>9,092</b>	<b>9,181</b>	<b>9,386</b>
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>						
55. HEAVY OIL	9.72	9.94	9.43	10.10	9.46	9.48
56. LIGHT OIL	15.46	14.77	14.70	14.71	14.75	14.66
57. COAL	2.70	2.69	2.71	2.74	2.74	2.75
58. NATURAL GAS	8.63	8.22	7.87	6.99	6.88	6.95
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>4.66</b>	<b>5.25</b>	<b>5.03</b>	<b>4.77</b>	<b>4.79</b>	<b>4.59</b>

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007

SCHEDULE E3

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	TOTAL
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1. HEAVY OIL	172,064	190,625	188,388	128,817	45,652	5,910	1,141,479
2. LIGHT OIL	752,491	765,974	619,868	549,418	628,186	653,735	7,658,184
3. COAL	28,374,911	28,343,510	27,073,796	27,451,975	24,151,219	22,979,129	293,746,821
4. NATURAL GAS	60,515,195	59,913,005	50,723,826	41,266,330	36,563,011	47,105,306	584,320,418
5. NUCLEAR	0	0	0	0	0	0	0
6. OTHER	0	0	0	0	0	0	0
7. TOTAL (\$)	89,814,661	89,213,114	78,605,878	69,396,540	61,388,068	70,744,080	886,866,902
<b>SYSTEM NET GENERATION (MWH)</b>							
8. HEAVY OIL	1,837	2,040	2,021	1,363	483	60	12,110
9. LIGHT OIL	5,034	5,115	4,249	3,798	4,346	4,488	51,846
10. COAL	1,020,623	1,021,183	994,479	1,011,608	891,860	856,384	10,772,030
11. NATURAL GAS	839,520	839,215	725,983	632,411	511,983	589,140	7,985,226
12. NUCLEAR	0	0	0	0	0	0	0
13. OTHER	0	0	0	0	0	0	0
14. TOTAL (MWH)	1,867,014	1,867,553	1,726,732	1,649,180	1,408,672	1,450,072	18,821,212
<b>UNITS OF FUEL BURNED</b>							
15. HEAVY OIL (BBL)	2,853	3,172	3,127	2,116	748	92	18,785
16. LIGHT OIL (BBL)	12,706	12,896	10,658	10,164	10,665	10,957	129,337
17. COAL (TON)	464,667	464,878	449,327	453,247	398,745	378,643	4,829,705
18. NATURAL GAS (MCF)	6,353,638	6,364,007	5,334,561	4,580,195	3,682,785	4,221,700	58,405,880
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	17,918	19,916	19,636	13,290	4,696	582	117,970
22. LIGHT OIL	55,410	56,510	45,142	40,299	45,953	47,437	556,294
23. COAL	11,058,986	11,063,856	10,699,176	10,804,486	9,537,396	9,080,961	115,358,774
24. NATURAL GAS	6,531,467	6,542,308	5,484,026	4,708,592	3,785,845	4,339,957	60,040,952
25. NUCLEAR	0	0	0	0	0	0	0
26. OTHER	0	0	0	0	0	0	0
27. TOTAL (MMBTU)	17,663,781	17,682,590	16,247,980	15,566,667	13,373,890	13,468,937	176,073,990
<b>GENERATION MIX (% MWH)</b>							
28. HEAVY OIL	0.10	0.11	0.12	0.08	0.03	0.00	0.06
29. LIGHT OIL	0.27	0.27	0.25	0.23	0.31	0.31	0.28
30. COAL	54.66	54.68	57.59	61.34	63.31	59.08	57.23
31. NATURAL GAS	44.97	44.94	42.04	38.35	36.35	40.63	42.43
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)	60.31	60.10	60.25	60.88	61.03	64.24	60.77
36. LIGHT OIL (\$/BBL)	59.22	59.40	58.16	54.06	58.90	59.66	59.21
37. COAL (\$/TON)	61.07	60.97	60.25	60.57	60.57	60.69	60.82
38. NATURAL GAS (\$/MCF)	9.52	9.41	9.51	9.01	9.93	11.16	10.00
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	9.60	9.57	9.59	9.69	9.72	10.15	9.68
42. LIGHT OIL	13.58	13.55	13.73	13.63	13.67	13.78	13.77
43. COAL	2.57	2.56	2.53	2.54	2.53	2.53	2.55
44. NATURAL GAS	9.27	9.16	9.25	8.76	9.66	10.85	9.73
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)	5.08	5.05	4.84	4.46	4.59	5.25	5.04
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48. HEAVY OIL	9,754	9,763	9,716	9,751	9,723	9,700	9,742
49. LIGHT OIL	11,007	11,048	10,624	10,611	10,574	10,570	10,730
50. COAL	10,836	10,834	10,759	10,681	10,694	10,604	10,709
51. NATURAL GAS	7,780	7,796	7,554	7,445	7,394	7,367	7,519
52. NUCLEAR	0	0	0	0	0	0	0
53. OTHER	0	0	0	0	0	0	0
54. TOTAL (BTU/KWH)	9,461	9,468	9,410	9,439	9,494	9,288	9,355
<b>GENERATED FUEL COST PER KWH (CENTS/KWH)</b>							
55. HEAVY OIL	9.37	9.34	9.32	9.45	9.45	9.85	9.43
56. LIGHT OIL	14.95	14.98	14.59	14.47	14.45	14.57	14.77
57. COAL	2.78	2.78	2.72	2.71	2.71	2.68	2.73
58. NATURAL GAS	7.21	7.14	6.99	6.53	7.14	8.00	7.32
59. NUCLEAR	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60. OTHER	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61. TOTAL (CENTS/KWH)	4.81	4.78	4.55	4.21	4.36	4.88	4.71

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: JANUARY 2007

(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	411	217,041	71.0	83.8	78.7	10,461	COAL	98,178	23,125,242	2,270,390.0	5,908,638	2.72	60.18
2. B.B.#2	391	219,910	75.6	84.1	84.2	10,453	COAL	95,502	24,070,072	2,298,740.0	5,747,589	2.61	60.18
3. B.B.#3	433	156,127	48.5	60.1	55.4	10,991	COAL	74,204	23,125,034	1,715,970.0	4,465,813	2.86	60.18
4. B.B.#4	462	268,582	78.1	87.4	85.4	10,852	COAL	126,034	23,125,109	2,914,550.0	7,585,093	2.82	60.18
5. B.B. STA.	1,697	861,660	68.3	78.8	19.0	10,677	COAL	393,918	23,354,226	9,199,650.0	23,707,133	2.75	60.18
6. PHILLIPS #1 (HVY OIL)	18	189	1.4	85.1	61.8	9,810	HVY OIL	293	6,327,645	1,854.0	18,393	9.73	62.77
7. PHILLIPS #2 (HVY OIL)	18	192	1.4	84.3	62.7	9,656	HVY OIL	297	6,242,424	1,854.0	18,644	9.71	62.77
8. SEB-PHILLIPS TOTAL	36	381	1.4	84.7	31.1	9,732	HVY OIL	590	6,284,746	3,708.0	37,037	9.72	62.77
9. POLK #1 GASIFIER	260	144,885	74.9	-	-	10,589	COAL	56,200	27,298,505	1,534,176.0	3,472,599	2.40	61.79
10. POLK #1 CT OIL	245	4,481	2.5	-	-	10,566	LGT OIL	8,200	5,773,780	47,345.0	662,595	14.79	80.80
11. POLK #1 TOTAL	260	149,366	77.2	84.9	87.0	10,588	-	-	-	1,581,521.0	4,135,194	2.77	-
12. POLK #2 CT GAS	175	1,546	1.2	-	-	12,831	GAS	19,300	1,027,772	19,836.0	230,946	14.94	11.97
13. POLK #2 CT OIL	184	81	0.1	-	-	12,235	LGT OIL	200	4,955,000	991.0	16,376	20.22	81.88
14. POLK #2 TOTAL	184	1,627	1.2	98.8	58.9	12,801	-	-	-	20,827.0	247,322	15.20	-
15. POLK #3 CT GAS	175	1,259	1.0	0.0	-	12,850	GAS	15,700	1,030,446	16,178.0	187,868	14.92	11.97
16. POLK #3 CT OIL	184	66	0.0	0.0	-	12,106	LGT OIL	100	7,990,000	799.0	8,188	12.41	81.88
17. POLK #3 TOTAL	184	1,325	1.0	98.8	60.0	12,813	-	-	-	16,977.0	196,056	14.80	-
18. POLK #4 CT GAS	175	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
19. POLK #5 CT GAS	175	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
20. CITY OF TAMPA GAS	3	36	1.6	100.0	70.6	10,417	GAS	365	1,027,397	375.0	4,660	12.94	12.77
21. BAYSIDE #1	793	192,714	32.7	89.8	63.6	7,367	GAS	1,381,000	1,027,987	1,419,650.0	16,525,184	8.57	11.97
22. BAYSIDE #2	1,048	287,161	36.8	92.8	79.2	7,394	GAS	2,065,600	1,027,958	2,123,350.0	24,717,176	8.61	11.97
23. BAYSIDE TOTAL	1,841	479,875	35.0	91.5	35.8	7,383	GAS	3,446,600	1,027,970	3,543,000.0	41,242,360	8.59	11.97
24. B.B.C.T.#1	15	3	0.0	66.5	20.0	49,333	LGT OIL	26	5,692,308	148.0	2,149	71.63	82.65
25. B.B.C.T.#2	80	141	0.2	68.1	25.2	23,986	LGT OIL	584	5,791,096	3,382.0	48,271	34.23	82.66
26. B.B.C.T.#3	80	3	0.0	68.1	0.0	15,333	LGT OIL	8	5,750,000	46.0	661	22.03	82.63
27. C.T. TOTAL (OIL)	175	147	0.1	68.0	10.5	24,327	LGT OIL	618	5,786,408	3,576.0	51,081	34.75	82.66
28. TOT COAL (BB,POLK)	1,957	1,006,545	69.1	68.3	19.3	10,664	COAL	450,118	23,846,694	10,733,826.0	27,179,732	2.70	60.38
29. SYSTEM	4,730	1,494,417	42.5	79.5	9.1	9,616	-	-	-	14,369,634.0	69,620,843	4.66	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

28

SCHEDULE E4

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

ESTIMATED FOR THE PERIOD: FEBRUARY 2007

(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)	(N)
PLANT/UNIT	NET CAPA-GENERATION (MW)	NET GENERATION (MWH)	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	411	196,313	71.1	83.8	78.8	10,461	COAL	88,802	23,125,042	2,053,550	5,386,429	2.74	60.66
2. B.B.#2	391	198,634	84.1	84.1	84.1	10,453	COAL	86,262	24,070,042	2,076,330	5,232,362	2.63	60.66
3. B.B.#3	433	161,557	60.1	63.5	63.5	10,932	COAL	76,373	23,125,188	1,766,140	4,632,528	2.87	60.66
4. B.B.#4	462	0	0.0	0.0	0.0	0	COAL	0	0	0	0	0.00	0.00
5. B.B. STA.	1,697	556,504	48.8	55.0	18.2	10,595	COAL	251,437	23,449,293	5,896,020	15,251,319	2.74	60.66
6. PHILLIPS #1 (HVV OIL)	18	40	0.3	55.6	62	10,000	HVV OIL	62	6,451,613	400.0	3,979	9.95	64.18
7. PHILLIPS #2 (HVV OIL)	18	42	0.3	46.7	65	9,524	HVV OIL	65	6,153,846	400.0	4,172	9.93	64.18
8. SEB-PHILLIPS TOTAL	36	82	0.3	84.7	127	9,756	HVV OIL	127	6,299,213	800.0	8,151	9.94	64.18
9. POLK #1 GASIFIER	260	130,864	74.9	-	50,700	COAL	27,304,793	5,778,784	1,384,353	3,207,676	3,807,348	2.45	63.27
10. POLK #1 CT OIL	245	4,047	2.5	-	7,400	LGT OIL	10,567	10,578	42,763	599,672	14.82	81.04	
11. POLK #1 TOTAL	260	134,911	77.2	84.9	87.1	10,578		-	1,427,116	3,807,348	2.82	-	
12. POLK #2 CT GAS	175	190	0.2	-	3,000	GAS	1,013,333	3,040.0	3,174.0	34,474	18.14	11.49	
13. POLK #2 CT OIL	184	10	0.0	-	13,400	LGT OIL	13,400	0	134.0	0	0.00	0.00	
14. POLK #2 TOTAL	184	200	0.2	98.7	15,870		-	-	3,174.0	34,474	17.24	-	
15. POLK #3 CT GAS	175	62	0.1	0.0	800	GAS	1,017,500	814.0	814.0	9,193	14.83	11.49	
16. POLK #3 CT OIL	184	3	0.0	-	14,333	LGT OIL	14,333	0	43.0	0	0.00	0.00	
17. POLK #3 TOTAL	184	65	0.1	98.7	35.3	13,185		-	857.0	9,193	14.14	-	
18. POLK #4 CT GAS	175	329	0.3	98.7	4,700	GAS	1,035,319	4866.0	54,009	16.42	11.49		
19. POLK #5 CT GAS	175	0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00	
20. CITY OF TAMPA GAS	3	4	0.2	100.0	33.3	10,500	GAS	41	1,024,390	42.0	507	12.37	
21. BAYSIDE #1	793	307,528	57.7	89.8	72.8	7,283	GAS	2,178,700	1,027,994	2,239,690	25,035,877	8.14	11.49
22. BAYSIDE #2	1,048	273,432	38.8	92.8	62.9	7,423	GAS	1,974,400	1,027,973	2,029,630	22,688,225	8.30	11.49
23. BAYSIDE TOTAL	1,841	580,960	47.0	91.5	33.3	7,349	GAS	4,153,100	1,027,984	4,269,320	47,724,102	8.21	11.49
24. B.B.C.T.#1	15	0	0.0	66.5	0	LGT OIL	0	0	0	0	0	0.00	
25. B.B.C.T.#2	80	0	0.0	68.0	14,500	LGT OIL	14,500	5,800,000	29.0	413	20.65	82.60	
26. B.B.C.T.#3	80	1	0.0	68.0	14,000	LGT OIL	14,000	7,000,000	14.0	165	16.50	82.50	
27. C.T. TOTAL (OIL)	175	3	0.0	67.9	0.0	14,333	LGT OIL	7	6,142,857	43.0	578	19.27	82.57
28. TOT COAL (B.B.POLK)	1,957	687,368	52.3	47.7	19.5	10,592	COAL	302,137	24,096,264	7,280,373	18,458,995	2.69	61.09
29. SYSTEM	4,730	1,273,058	40.1	74.6	9.7	9,114		-	11,602,238	66,889,681	5.25	-	

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

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: MARCH 2007

(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	411	216,156	70.7	83.8	78.4	10,524	COAL	98,366	23,125,165	2,274,730.0	6,006,179	2.78	61.06
2. B.B.#2	391	219,882	75.6	84.1	84.2	10,435	COAL	95,321	24,070,142	2,294,390.0	5,820,253	2.65	61.06
3. B.B.#3	433	176,340	54.7	60.1	62.6	10,969	COAL	82,747	23,374,986	1,934,210.0	5,052,491	2.87	61.06
4. B.B.#4	462	0	0.0	0.0	0.0	0	COAL	0	0	0.0	0	0.00	0.00
5. B.B. STA.	1,697	612,378	48.5	55.0	18.1	10,620	COAL	276,434	23,525,796	6,503,330.0	16,878,923	2.76	61.06
6. PHILLIPS #1 (HVY OIL)	18	125	0.9	85.1	86.8	7,440	HVY OIL	194	4,793,814	930.0	11,801	9.44	60.83
7. PHILLIPS #2 (HVY OIL)	18	66	0.5	48.9	91.7	14,091	HVY OIL	102	9,117,647	930.0	6,205	9.40	60.83
8. SEB-PHILLIPS TOTAL	36	191	0.7	67.0	44.2	9,738	HVY OIL	296	6,283,784	1,860.0	18,006	9.43	60.83
9. POLK #1 GASIFIER	260	144,044	74.5	-	-	10,591	COAL	55,800	27,339,713	1,525,556.0	3,585,379	2.49	64.25
10. POLK #1 CT OIL	245	4,455	2.4	-	-	10,567	LGT OIL	8,100	5,812,099	47,078.0	657,144	14.75	81.13
11. POLK #1 TOTAL	260	148,499	76.8	84.9	86.5	10,590	-	-	-	1,572,634.0	4,242,523	2.86	-
12. POLK #2 CT GAS	175	223	0.2	-	-	15,135	GAS	3,300	1,022,727	3,375.0	36,204	16.23	10.97
13. POLK #2 CT OIL	184	12	0.0	-	-	12,583	LGT OIL	0	0	151.0	0	0.00	0.00
14. POLK #2 TOTAL	184	235	0.2	98.8	42.6	15,004	-	-	-	3,526.0	36,204	15.41	-
15. POLK #3 CT GAS	175	101	0.1	0.0	-	17,911	GAS	1,800	1,005,000	1,809.0	19,748	19.55	10.97
16. POLK #3 CT OIL	184	5	0.0	0.0	-	13,800	LGT OIL	0	0	69.0	0	0.00	0.00
17. POLK #3 TOTAL	184	106	0.1	98.8	57.6	17,717	-	-	-	1,878.0	19,748	18.63	-
18. POLK #4 CT GAS	175	522	0.4	98.8	49.7	13,682	GAS	6,900	1,035,072	7142.0	75,699	14.50	10.97
19. POLK #5 CT GAS	175	0	0.0	0.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
20. CITY OF TAMPA GAS	3	2	0.1	100.0	33.3	11,500	GAS	22	1,045,455	23.0	260	13.00	11.82
21. BAYSIDE #1	793	268,168	45.5	69.5	78.3	7,315	GAS	1,908,200	1,027,969	1,961,570.0	20,934,671	7.81	10.97
22. BAYSIDE #2	1,048	335,072	43.0	71.9	79.5	7,412	GAS	2,415,700	1,028,029	2,483,410.0	26,502,403	7.91	10.97
23. BAYSIDE TOTAL	1,841	603,240	44.0	70.8	39.3	7,369	GAS	4,323,900	1,028,002	4,444,980.0	47,437,074	7.86	10.97
24. B.B.C.T.#1	15	0	0.0	66.5	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	1	0.0	68.1	0.0	26,000	LGT OIL	4	6,500,000	26.0	397	39.70	99.25
26. B.B.C.T.#3	80	0	0.0	68.1	0.0	0	LGT OIL	2	4,500,000	9.0	198	0.00	99.00
27. C.T. TOTAL (OIL)	175	1	0.0	68.0	0.0	35,000	LGT OIL	6	5,833,333	35.0	595	59.50	99.17
28. TOT COAL (BB,POLK)	1,957	756,422	52.0	47.7	19.4	10,614	COAL	332,234	24,166,359	8,028,886.0	20,464,302	2.71	61.60
29. SYSTEM	4,730	1,365,174	38.8	66.4	10.1	9,182	-	-	-	12,535,408.0	68,709,032	5.03	-

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: APRIL 2007

(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	411	210,331	71.1	83.8	78.9	10,522	COAL	95,699	23,125,111	2,213,050.0	5,866,013	2.79	61.30
2. B.B.#2	391	212,823	75.6	84.1	84.1	10,435	COAL	92,261	24,070,084	2,220,730.0	5,655,276	2.66	61.30
3. B.B.#3	414	173,727	58.3	60.1	66.6	10,962	COAL	82,350	23,125,197	1,904,360.0	5,047,766	2.91	61.30
4. B.B.#4	457	10,017	3.0	0.0	49.8	10,856	COAL	4,702	23,127,393	108,745.0	288,216	2.88	61.30
5. B.B. STA.	1,673	606,898	50.4	55.1	18.4	10,623	COAL	275,012	23,442,195	6,446,885.0	16,857,271	2.78	61.30
6. PHILLIPS #1 (HVY OIL)	17	0	0.0	2.9	0.0	0	HVY OIL	0	#####	686.0	0	0.00	0.00
7. PHILLIPS #2 (HVY OIL)	17	141	1.2	81.4	55.3	4,865	HVY OIL	219	3,132,420	686.0	14,239	10.10	65.02
8. SEB-PHILLIPS TOTAL	34	141	0.6	42.2	27.6	9,730	HVY OIL	219	6,264,840	1,372.0	14,239	10.10	65.02
9. POLK #1 GASIFIER	255	99,613	54.3	-	-	10,628	COAL	38,700	27,357,003	1,058,716.0	2,472,682	2.48	63.89
10. POLK #1 CT OIL	225	3,081	1.9	-	-	10,594	LGT OIL	5,600	5,828,571	32,640.0	453,390	14.72	80.96
11. POLK #1 TOTAL	255	102,694	55.9	62.7	82.2	10,627		-	-	1,091,356.0	2,926,072	2.85	-
12. POLK #2 CT GAS	150	37	0.0	-	-	13,270	GAS	500	982,000	491.0	4,866	13.15	9.73
13. POLK #2 CT OIL	160	2	0.0	-	-	13,000	LGT OIL	0	0	26.0	0	0.00	0.00
14. POLK #2 TOTAL	160	39	0.0	98.8	0.0	13,256		-	-	517.0	4,866	12.48	-
15. POLK #3 CT GAS	150	6	0.0	0.0	-	13,500	GAS	100	810,000	81.0	973	16.22	9.73
16. POLK #3 CT OIL	165	0	0.0	0.0	-	0	LGT OIL	0	0	4.0	0	0.00	0.00
17. POLK #3 TOTAL	165	6	0.0	98.8	0.0	14,167		-	-	85.0	973	16.22	-
18. POLK #4 CT GAS	150	317	0.3	98.8	70.4	13,826	GAS	4,300	1,019,302	4383.0	41,843	13.20	9.73
19. POLK #5 CT GAS	150	94	0.1	98.8	62.7	18,223	GAS	1,700	1,007,647	1713.0	16,543	17.60	9.73
20. CITY OF TAMPA GAS	3	16	0.7	100.0	35.6	10,438	GAS	163	1,024,540	167.0	1,731	10.82	10.62
21. BAYSIDE #1	702	283,062	56.0	89.8	90.2	7,368	GAS	2,028,800	1,027,952	2,085,510.0	19,742,253	6.97	9.73
22. BAYSIDE #2	930	352,564	52.7	92.8	78.0	7,386	GAS	2,533,200	1,027,984	2,604,090.0	24,650,569	6.99	9.73
23. BAYSIDE TOTAL	1,632	635,626	54.1	91.5	41.7	7,378	GAS	4,562,000	1,027,970	4,689,600.0	44,392,822	6.98	9.73
24. B.B.C.T.#1	14	0	0.0	66.5	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	66	1	0.0	68.1	0.0	20,000	LGT OIL	3	6,666,667	20.0	247	24.70	82.33
26. B.B.C.T.#3	66	1	0.0	68.1	0.0	11,000	LGT OIL	2	5,500,000	11.0	165	16.50	82.50
27. C.T. TOTAL (OIL)	146	2	0.0	67.9	0.0	15,500	LGT OIL	5	6,200,000	31.0	412	20.60	82.40
28. TOT COAL (BB,POLK)	1,928	706,511	50.9	47.8	18.6	10,623	COAL	313,712	23,925,132	7,505,601.0	19,329,953	2.74	61.62
29. SYSTEM	4,368	1,345,833	42.8	75.8	10.5	9,092	-	-	-	12,236,109.0	64,256,772	4.77	-

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: MAY 2007

(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	411	217,389	71.1	83.8	78.8	10,587	COAL	99,520	23,125,100	2,301,410.0	6,014,670	2.77	60.44
2. B.B.#2	391	78,193	26.9	32.6	84.0	10,458	COAL	33,973	24,069,850	817,725.0	2,053,219	2.63	60.44
3. B.B.#3	414	177,590	57.7	60.1	65.9	10,957	COAL	84,144	23,125,119	1,945,840.0	5,085,394	2.86	60.44
4. B.B.#4	457	227,601	66.9	87.4	73.1	10,878	COAL	107,067	23,125,053	2,475,930.0	6,470,787	2.84	60.44
5. B.B. STA.	1,673	700,773	56.3	66.9	18.7	10,761	COAL	324,704	23,223,936	7,540,905.0	19,624,070	2.80	60.44
6. PHILLIPS #1 (HVY OIL)	17	887	7.0	71.4	65.2	10,829	HVY OIL	1,375	6,985,455	9,605.0	83,930	9.46	61.04
7. PHILLIPS #2 (HVY OIL)	17	1,086	8.6	84.3	65.2	8,844	HVY OIL	1,684	5,703,682	9,605.0	102,792	9.47	61.04
8. SEB-PHILLIPS TOTAL	34	1,973	7.8	77.8	32.6	9,736	HVY OIL	3,059	6,279,830	19,210.0	186,722	9.46	61.04
9. POLK #1 GASIFIER	255	136,481	71.9	-	-	10,661	COAL	53,300	27,298,424	1,455,006.0	3,321,400	2.43	62.32
10. POLK #1 CT OIL	225	4,221	2.5	-	-	10,636	LGTT OIL	7,700	5,830,649	44,896.0	620,164	14.69	80.54
11. POLK #1 TOTAL	255	140,702	74.2	84.9	83.6	10,660	-	-	-	1,499,902.0	3,941,564	2.80	-
12. POLK #2 CT GAS	150	670	0.6	-	-	13,257	GAS	8,600	1,032,791	8,882.0	80,812	12.06	9.40
13. POLK #2 CT OIL	160	35	0.0	-	-	12,600	LGTT OIL	100	4,410,000	441.0	7,815	22.33	78.15
14. POLK #2 TOTAL	160	705	0.6	98.8	62.9	13,224	-	-	-	9,323.0	88,627	12.57	-
15. POLK #3 CT GAS	150	94	0.1	0.0	-	18,181	GAS	1,700	1,005,294	1,709.0	15,975	16.99	9.40
16. POLK #3 CT OIL	165	5	0.0	0.0	-	12,800	LGTT OIL	0	0	64.0	0	0.00	0.00
17. POLK #3 TOTAL	165	99	0.1	98.8	60.0	17,909	-	-	-	1,773.0	15,975	16.14	-
18. POLK #4 CT GAS	150	13384	12.0	98.8	69.2	13,071	GAS	170,200	1,027,891	174947.0	1,599,335	11.95	9.40
19. POLK #5 CT GAS	150	1655	1.5	98.8	64.9	13,396	GAS	21,600	1,026,389	22170.0	202,971	12.26	9.40
20. CITY OF TAMPA GAS	3	214	9.6	100.0	73.5	10,481	GAS	2,182	1,027,956	2,243.0	22,543	10.53	10.33
21. BAYSIDE #1	702	297,914	57.0	89.8	91.5	7,428	GAS	2,152,600	1,028,008	2,212,890.0	20,227,552	6.79	9.40
22. BAYSIDE #2	930	483,776	69.9	92.8	90.5	7,410	GAS	3,487,100	1,027,992	3,584,710.0	32,767,581	6.77	9.40
23. BAYSIDE TOTAL	1,632	781,690	64.4	91.5	46.1	7,417	GAS	5,639,700	1,027,998	5,797,600.0	52,995,133	6.78	9.40
24. B.B.C.T.#1	14	0	0.0	66.5	0.0	0	LGTT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	66	3	0.0	68.1	0.0	25,667	LGTT OIL	13	5,923,077	77.0	1,069	35.63	82.23
26. B.B.C.T.#3	66	0	0.0	68.1	0.0	0	LGTT OIL	1	8,000,000	8.0	82	0.00	82.00
27. C.T. TOTAL (OIL)	146	3	0.0	68.0	0.0	28,333	LGTT OIL	14	6,071,429	85.0	1,151	38.37	82.21
28. TOT COAL (BB,POLK)	1,928	837,254	58.4	58.1	19.4	10,745	COAL	378,004	23,798,455	8,995,911.0	22,945,470	2.74	60.70
29. SYSTEM	4,368	1,641,198	50.5	81.9	10.2	9,181	-	-	-	15,068,158.0	78,678,091	4.79	-

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: JUNE 2007

(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	411	210,307	71.1	83.8	78.8	10,620	COAL	96,585	23,125,019	2,233,530.0	5,860,698	2.79	60.68
2. B.B.#2	391	205,575	73.0	78.5	84.1	10,494	COAL	89,625	24,070,181	2,157,290.0	5,438,371	2.65	60.68
3. B.B.#3	414	173,294	58.1	60.1	66.4	11,010	COAL	82,505	23,125,144	1,907,940.0	5,006,335	2.89	60.68
4. B.B.#4	457	260,539	79.2	87.4	86.5	10,986	COAL	123,778	23,125,111	2,862,380.0	7,510,747	2.88	60.68
5. B.B. STA.	1,673	849,715	70.5	77.7	19.8	10,781	COAL	392,493	23,340,900	9,161,140.0	23,816,151	2.80	60.68
6. PHILLIPS #1 (HVY OIL)	17	764	6.2	85.1	71.3	9,805	HVY OIL	1,185	6,321,519	7,491.0	72,445	9.48	61.14
7. PHILLIPS #2 (HVY OIL)	17	774	6.3	84.2	71.1	9,678	HVY OIL	1,201	6,237,302	7,491.0	73,423	9.49	61.13
8. SEB-PHILLIPS TOTAL	34	1,538	6.3	84.7	35.6	9,741	HVY OIL	2,386	6,279,128	14,982.0	145,868	9.48	61.13
9. POLK #1 GASIFIER	255	132,078	71.9	-	-	10,662	COAL	51,500	27,343,223	1,408,176.0	3,177,678	2.41	61.70
10. POLK #1 CT OIL	225	4,085	2.5	-	-	10,636	LGT OIL	7,500	5,793,067	43,448.0	600,441	14.70	80.06
11. POLK #1 TOTAL	255	136,163	74.2	84.9	83.6	10,661	-	-	-	1,451,624.0	3,778,119	2.77	-
12. POLK #2 CT GAS	150	1,020	0.9	-	-	12,813	GAS	12,700	1,029,055	13,069.0	120,118	11.78	9.46
13. POLK #2 CT OIL	160	54	0.0	-	-	12,259	LGT OIL	100	6,620,000	662.0	7,743	14.34	77.43
14. POLK #2 TOTAL	160	1,074	0.9	98.8	61.0	12,785	-	-	-	13,731.0	127,861	11.91	-
15. POLK #3 CT GAS	150	220	0.2	0.0	-	14,532	GAS	3,100	1,031,290	3,197.0	29,320	13.33	9.46
16. POLK #3 CT OIL	165	12	0.0	0.0	-	11,833	LGT OIL	0	0	142.0	0	0.00	0.00
17. POLK #3 TOTAL	165	232	0.2	98.8	70.3	14,392	-	-	-	3,339.0	29,320	12.64	-
18. POLK #4 CT GAS	150	12399	11.5	98.8	60.8	13,784	GAS	166,300	1,027,697	170906.0	1,572,882	12.69	9.46
19. POLK #5 CT GAS	150	2296	2.1	98.8	66.6	13,111	GAS	29,300	1,027,440	30104.0	277,122	12.07	9.46
20. CITY OF TAMPA GAS	3	189	8.8	100.0	95.5	10,450	GAS	1,921	1,028,110	1,975.0	19,886	10.52	10.35
21. BAYSIDE #1	702	284,769	56.3	89.8	89.2	7,432	GAS	2,058,800	1,027,958	2,116,360.0	19,472,336	6.84	9.46
22. BAYSIDE #2	930	443,929	66.3	92.8	88.7	7,421	GAS	3,204,600	1,028,010	3,294,360.0	30,309,427	6.83	9.46
23. BAYSIDE TOTAL	1,632	728,698	62.0	91.5	45.0	7,425	GAS	5,263,400	1,027,990	5,410,720.0	49,781,763	6.83	9.46
24. B.B.C.T.#1	14	0	0.0	66.5	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	66	3	0.0	68.1	0.0	15,667	LGT OIL	8	5,875,000	47.0	718	23.93	89.75
26. B.B.C.T.#3	66	2	0.0	68.1	0.0	15,000	LGT OIL	5	6,000,000	30.0	449	22.45	89.80
27. C.T. TOTAL (OIL)	146	5	0.0	67.9	0.0	15,400	LGT OIL	13	5,923,077	77.0	1,167	23.34	89.77
28. TOT COAL (BB,POLK)	1,928	981,793	70.7	67.4	19.9	10,765	COAL	443,993	23,805,141	10,569,316.0	26,993,829	2.75	60.80
29. SYSTEM	4,368	1,732,309	55.1	86.0	10.1	9,386	-	-	-	16,258,598.0	79,550,139	4.59	-

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: JULY 2007

(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	411	217,312	71.1	83.8	78.8	10,712	COAL	100,668	23,125,025	2,327,950.0	6,153,225	2.83	61.12
2. B.B.#2	391	219,919	75.6	84.1	84.2	10,547	COAL	96,359	24,070,196	2,319,380.0	5,889,842	2.68	61.12
3. B.B.#3	414	178,387	57.9	60.1	66.2	11,120	COAL	85,779	23,125,124	1,983,650.0	5,243,151	2.94	61.12
4. B.B.#4	457	268,524	79.0	87.4	86.3	11,072	COAL	128,561	23,125,209	2,973,000.0	7,858,156	2.93	61.12
5. B.B. STA.	1,673	884,142	71.0	79.0	19.8	10,862	COAL	411,367	23,346,501	9,603,980.0	25,144,374	2.84	61.12
6. PHILLIPS #1 (HVY OIL)	17	889	7.0	85.1	87.2	10,078	HVY OIL	1,381	6,487,328	8,959.0	83,288	9.37	60.31
7. PHILLIPS #2 (HVY OIL)	17	948	7.5	84.3	89.9	9,450	HVY OIL	1,472	6,086,277	8,959.0	88,776	9.36	60.31
8. SEB-PHILLIPS TOTAL	34	1,837	7.3	84.7	44.3	9,754	HVY OIL	2,853	6,280,407	17,918.0	172,064	9.37	60.31
9. POLK #1 GASIFIER	255	136,481	71.9	-	-	10,661	COAL	53,300	27,298,424	1,455,006.0	3,230,537	2.37	60.61
10. POLK #1 CT OIL	225	4,221	2.5	-	-	10,636	LGT OIL	7,700	5,830,649	44,896.0	613,519	14.53	79.68
11. POLK #1 TOTAL	255	140,702	74.2	84.9	83.6	10,660	-	-	-	1,499,902.0	3,844,056	2.73	-
12. POLK #2 CT GAS	150	8,690	7.8	-	-	12,725	GAS	107,600	1,027,695	110,580.0	1,024,782	11.79	9.52
13. POLK #2 CT OIL	160	457	0.4	-	-	11,987	LGT OIL	900	6,086,667	5,478.0	69,837	15.28	77.60
14. POLK #2 TOTAL	160	9,147	7.7	98.8	69.7	12,688	-	-	-	116,058.0	1,094,619	11.97	-
15. POLK #3 CT GAS	150	4,600	4.1	0.0	-	12,588	GAS	56,300	1,028,544	57,907.0	536,201	11.66	9.52
16. POLK #3 CT OIL	165	242	0.2	0.0	-	11,942	LGT OIL	500	5,780,000	2,890.0	38,798	16.03	77.60
17. POLK #3 TOTAL	165	4,842	3.9	98.8	66.7	12,556	-	-	-	60,797.0	574,999	11.88	-
18. POLK #4 CT GAS	150	27403	24.6	98.8	66.4	12,986	GAS	346,200	1,027,923	355867.0	3,297,209	12.03	9.52
19. POLK #5 CT GAS	150	14478	13.0	98.8	72.6	12,719	GAS	179,100	1,028,174	184146.0	1,705,748	11.78	9.52
20. CITY OF TAMPA GAS	3	348	15.6	100.0	175.8	10,451	GAS	3,538	1,027,982	3,637.0	36,843	10.59	10.41
21. BAYSIDE #1	702	312,140	59.8	89.8	90.6	7,430	GAS	2,256,100	1,027,969	2,319,200.0	21,487,096	6.88	9.52
22. BAYSIDE #2	930	471,861	68.2	92.8	89.0	7,418	GAS	3,404,800	1,027,999	3,500,130.0	32,427,315	6.87	9.52
23. BAYSIDE TOTAL	1,632	784,001	64.6	91.5	45.3	7,423	GAS	5,660,900	1,027,987	5,819,330.0	53,914,411	6.88	9.52
24. B.B.C.T.#1	14	4	0.0	66.5	0.0	19,750	LGT OIL	14	5,642,857	79.0	1,145	28.63	81.79
25. B.B.C.T.#2	66	62	0.1	68.1	47.0	18,210	LGT OIL	195	5,789,744	1,129.0	15,945	25.72	81.77
26. B.B.C.T.#3	66	48	0.1	68.1	72.7	19,542	LGT OIL	162	5,790,123	938.0	13,247	27.60	81.77
27. C.T. TOTAL (OIL)	146	114	0.1	68.0	26.0	18,825	LGT OIL	371	5,784,367	2,146.0	30,337	26.61	81.77
28. TOT COAL (BB,POLK)	1,928	1,020,623	71.2	68.5	19.8	10,836	COAL	464,667	23,799,809	11,058,986.0	28,374,911	2.78	61.07
29. SYSTEM	4,368	1,867,014	57.5	86.5	9.9	9,461	-	-	-	17,663,781.0	89,814,660	4.81	-

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: AUGUST 2007

(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	411	217,375	71.1	83.8	78.8	10,713	COAL	100,697	23,125,118	2,328,630.0	6,153,694	2.83	61.11
2. B.B.#2	391	219,921	75.6	84.1	84.2	10,546	COAL	96,360	24,070,050	2,319,390.0	5,888,655	2.68	61.11
3. B.B.#3	414	179,891	58.4	60.1	66.7	11,116	COAL	86,474	23,125,101	1,999,720.0	5,284,512	2.94	61.11
4. B.B.#4	457	267,515	78.7	87.4	86.0	11,069	COAL	128,047	23,125,181	2,961,110.0	7,825,079	2.93	61.11
5. B.B. STA.	1,673	884,702	71.1	79.0	19.8	10,861	COAL	411,578	23,346,364	9,608,850.0	25,151,940	2.84	61.11
6. PHILLIPS #1 (HVY OIL)	17	1,016	8.0	85.1	87.9	9,801	HVY OIL	1,580	6,302,532	9,958.0	94,952	9.35	60.10
7. PHILLIPS #2 (HVY OIL)	17	1,024	8.1	84.3	87.3	9,725	HVY OIL	1,592	6,255,025	9,958.0	95,673	9.34	60.10
8. SEB-PHILLIPS TOTAL	34	2,040	8.1	84.7	43.8	9,763	HVY OIL	3,172	6,278,689	19,916.0	190,625	9.34	60.10
9. POLK #1 GASIFIER	255	136,481	71.9	-	-	10,661	COAL	53,300	27,298,424	1,455,006.0	3,191,570	2.34	59.88
10. POLK #1 CT OIL	225	4,221	2.5	-	-	10,636	LGT OIL	7,700	5,830,649	44,896.0	611,803	14.49	79.45
11. POLK #1 TOTAL	255	140,702	74.2	84.9	83.6	10,660	-	-	-	1,499,902.0	3,803,373	2.70	-
12. POLK #2 CT GAS	150	9,309	8.3	-	-	12,665	GAS	114,700	1,027,925	117,903.0	1,079,774	11.60	9.41
13. POLK #2 CT OIL	160	490	0.4	-	-	11,965	LGT OIL	1,000	5,863,000	5,863.0	78,153	15.95	78.15
14. POLK #2 TOTAL	160	9,799	8.2	98.8	70.4	12,630	-	-	-	123,766.0	1,157,927	11.82	-
15. POLK #3 CT GAS	150	4,978	4.5	0.0	-	12,521	GAS	60,600	1,028,531	62,329.0	570,482	11.46	9.41
16. POLK #3 CT OIL	165	262	0.2	0.0	-	11,920	LGT OIL	500	6,246,000	3,123.0	39,077	14.91	78.15
17. POLK #3 TOTAL	165	5,240	4.3	98.8	67.6	12,491	-	-	-	65,452.0	609,559	11.63	-
18. POLK #4 CT GAS	150	28550	25.6	98.8	66.6	12,956	GAS	359,800	1,028,063	369897.0	3,387,121	11.86	9.41
19. POLK #5 CT GAS	150	15414	13.8	98.8	72.9	12,678	GAS	190,100	1,027,969	195417.0	1,789,582	11.61	9.41
20. CITY OF TAMPA GAS	3	335	15.0	100.0	153.0	10,454	GAS	3,407	1,027,884	3,502.0	34,954	10.43	10.26
21. BAYSIDE #1	702	308,449	59.1	89.8	90.8	7,431	GAS	2,229,500	1,028,033	2,292,000.0	20,988,290	6.80	9.41
22. BAYSIDE #2	930	472,180	68.2	92.8	89.2	7,415	GAS	3,405,900	1,027,998	3,501,260.0	32,062,802	6.79	9.41
23. BAYSIDE TOTAL	1,632	780,629	64.3	91.5	45.4	7,421	GAS	5,635,400	1,028,012	5,793,260.0	53,051,092	6.80	9.41
24. B.B.C.T.#1	14	8	0.1	66.5	57.1	19,000	LGT OIL	26	5,846,154	152.0	2,120	26.50	81.54
25. B.B.C.T.#2	66	76	0.2	68.1	57.6	18,000	LGT OIL	236	5,796,610	1,368.0	19,245	25.32	81.55
26. B.B.C.T.#3	66	58	0.1	68.1	43.9	19,103	LGT OIL	191	5,801,047	1,108.0	15,576	26.86	81.55
27. C.T. TOTAL (OIL)	146	142	0.1	68.0	19.5	18,507	LGT OIL	453	5,801,325	2,628.0	36,941	26.01	81.55
28. TOT COAL (BB,POLK)	1,928	1,021,183	71.2	68.5	19.8	10,834	COAL	464,878	23,799,483	11,063,856.0	28,343,510	2.78	60.97
29. SYSTEM	4,368	1,867,553	57.5	86.5	9.8	9,468	-	-	-	17,682,590.0	89,213,114	4.78	-

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: SEPTEMBER 2007

(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	411	210,347	71.1	83.8	78.9	10,620	COAL	96,602	23,125,091	2,233,930.0	5,831,870	2.77	60.37
2. B.B.#2	391	212,826	75.6	84.1	84.1	10,494	COAL	92,787	24,069,967	2,233,380.0	5,601,559	2.63	60.37
3. B.B.#3	414	173,784	58.3	60.1	66.6	11,009	COAL	82,730	23,125,106	1,913,140.0	4,994,417	2.87	60.37
4. B.B.#4	457	262,191	79.7	87.4	87.1	10,990	COAL	124,608	23,125,161	2,881,580.0	7,522,595	2.87	60.37
5. B.B. STA.	1,673	859,148	71.3	79.0	19.9	10,780	COAL	396,727	23,346,105	9,262,030.0	23,950,441	2.79	60.37
6. PHILLIPS #1 (HVY OIL)	17	918	7.5	85.1	66.7	10,695	HVY OIL	1,424	6,894,663	9,818.0	85,790	9.35	60.25
7. PHILLIPS #2 (HVY OIL)	17	1,103	9.0	84.2	78.2	8,901	HVY OIL	1,703	5,765,120	9,818.0	102,598	9.30	60.25
8. SEB-PHILLIPS TOTAL	34	2,021	8.3	84.7	36.2	9,716	HVY OIL	3,127	6,279,501	19,636.0	188,388	9.32	60.25
9. POLK #1 GASIFIER	255	135,331	73.7	-	-	10,619	COAL	52,600	27,322,167	1,437,146.0	3,123,355	2.31	59.38
10. POLK #1 CT OIL	225	4,186	2.6	-	-	10,593	LGT OIL	7,700	5,758,961	44,344.0	610,837	14.59	79.33
11. POLK #1 TOTAL	255	139,517	76.0	84.9	85.6	10,619	-	-	-	1,481,490.0	3,734,192	2.68	-
12. POLK #2 CT GAS	150	900	0.8	-	-	12,913	GAS	11,300	1,028,496	11,622.0	107,438	11.94	9.51
13. POLK #2 CT OIL	160	47	0.0	-	-	12,447	LGT OIL	100	5,850,000	585.0	7,872	16.75	78.72
14. POLK #2 TOTAL	160	947	0.8	98.8	59.2	12,890	-	-	-	12,207.0	115,310	12.18	-
15. POLK #3 CT GAS	150	210	0.2	0.0	-	14,600	GAS	3,000	1,022,000	3,066.0	28,523	13.58	9.51
16. POLK #3 CT OIL	165	11	0.0	0.0	-	12,273	LGT OIL	0	0	135.0	0	0.00	0.00
17. POLK #3 TOTAL	165	221	0.2	98.8	67.0	14,484	-	-	-	3,201.0	28,523	12.91	-
18. POLK #4 CT GAS	150	11262	10.4	98.8	60.5	13,829	GAS	151,500	1,027,974	155738.0	1,440,432	12.79	9.51
19. POLK #5 CT GAS	150	2024	1.9	98.8	64.3	13,280	GAS	26,100	1,029,808	26878.0	248,154	12.26	9.51
20. CITY OF TAMPA GAS	3	458	21.2	100.0	177.5	10,463	GAS	4,661	1,028,106	4,792.0	48,203	10.52	10.34
21. BAYSIDE #1	702	277,686	54.9	89.8	89.7	7,434	GAS	2,008,000	1,028,013	2,064,250.0	19,091,662	6.88	9.51
22. BAYSIDE #2	930	433,443	64.7	92.8	89.3	7,424	GAS	3,130,000	1,028,013	3,217,680.0	29,759,414	6.87	9.51
23. BAYSIDE TOTAL	1,632	711,129	60.5	91.5	45.2	7,428	GAS	5,138,000	1,028,013	5,281,930.0	48,851,076	6.87	9.51
24. B.B.C.T.#1	14	0	0.0	66.5	0.0	0	LGT OIL	0	0	1.0	0	0.00	0.00
25. B.B.C.T.#2	66	3	0.0	68.1	0.0	15,667	LGT OIL	8	5,875,000	47.0	713	23.77	89.13
26. B.B.C.T.#3	66	2	0.0	68.1	0.0	15,000	LGT OIL	5	6,000,000	30.0	446	22.30	89.20
27. C.T. TOTAL (OIL)	146	5	0.0	67.9	0.0	15,600	LGT OIL	13	6,000,000	78.0	1,159	23.18	89.15
28. TOT COAL (BB,POLK)	1,928	994,479	71.6	68.5	20.0	10,759	COAL	449,327	23,811,558	10,699,176.0	27,073,796	2.72	60.25
29. SYSTEM	4,368	1,726,732	54.9	86.5	10.0	9,410	-	-	-	16,247,980.0	78,605,878	4.55	-

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: OCTOBER 2007

(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	411	217,279	71.1	83.8	78.8	10,522	COAL	97,802	23,374,880	2,286,110.0	5,942,578	2.73	60.76
2. B.B.#2	391	219,917	75.6	84.1	84.2	10,435	COAL	94,824	24,200,097	2,294,750.0	5,761,631	2.62	60.76
3. B.B.#3	433	178,051	55.3	60.1	63.2	10,965	COAL	84,426	23,125,104	1,952,360.0	5,129,835	2.88	60.76
4. B.B.#4	462	275,211	80.1	87.4	87.5	10,856	COAL	129,195	23,125,044	2,987,640.0	7,850,058	2.85	60.76
5. B.B. STA.	1,697	890,458	70.5	78.8	19.6	10,692	COAL	406,247	23,436,136	9,520,860.0	24,684,102	2.77	60.76
6. PHILLIPS #1 (HVY OIL)	18	676	5.0	85.1	68.3	9,830	HVY OIL	1,049	6,334,604	6,645.0	63,861	9.45	60.88
7. PHILLIPS #2 (HVY OIL)	18	687	5.1	84.3	67.0	9,672	HVY OIL	1,067	6,227,741	6,645.0	64,956	9.46	60.88
8. SEB-PHILLIPS TOTAL	36	1,363	5.1	84.7	33.8	9,751	HVY OIL	2,116	6,280,718	13,290.0	128,817	9.45	60.88
9. POLK #1 GASIFIER	260	121,150	62.6	-	-	10,595	COAL	47,000	27,311,191	1,283,626.0	2,767,873	2.28	58.89
10. POLK #1 CT OIL	245	3,747	2.1	-	-	10,567	LGT OIL	6,800	5,822,941	39,596.0	539,452	14.40	79.33
11. POLK #1 TOTAL	260	124,897	64.6	83.3	86.6	10,595	-	-	-	1,323,222.0	3,307,325	2.65	-
12. POLK #2 CT GAS	175	708	0.5	-	-	13,171	GAS	9,100	1,024,725	9,325.0	81,984	11.58	9.01
13. POLK #2 CT OIL	184	37	0.0	-	-	12,541	LGT OIL	100	4,640,000	464.0	7,934	21.44	79.34
14. POLK #2 TOTAL	184	745	0.5	98.8	50.6	13,140	-	-	-	9,789.0	89,918	12.07	-
15. POLK #3 CT GAS	175	142	0.1	0.0	-	16,049	GAS	2,200	1,035,909	2,279.0	19,820	13.96	9.01
16. POLK #3 CT OIL	184	7	0.0	0.0	-	13,429	LGT OIL	0	0	94.0	0	0.00	0.00
17. POLK #3 TOTAL	184	149	0.1	98.8	40.5	15,926	-	-	-	2,373.0	19,820	13.30	-
18. POLK #4 CT GAS	175	4468	3.4	98.8	63.8	12,828	GAS	55,700	1,028,995	57315.0	501,812	11.23	9.01
19. POLK #5 CT GAS	175	1940	1.5	98.8	61.6	12,852	GAS	24,200	1,030,248	24932.0	218,023	11.24	9.01
20. CITY OF TAMPA GAS	3	304	13.6	100.0	177.8	10,464	GAS	3,095	1,027,787	3,181.0	30,321	9.97	9.80
21. BAYSIDE #1	793	142,971	24.2	34.7	83.5	7,368	GAS	1,024,700	1,028,037	1,053,430.0	9,231,727	6.46	9.01
22. BAYSIDE #2	1,048	481,878	61.8	92.8	76.9	7,384	GAS	3,461,200	1,028,005	3,558,130.0	31,182,643	6.47	9.01
23. BAYSIDE TOTAL	1,841	624,849	45.6	67.8	41.7	7,380	GAS	4,485,900	1,028,012	4,611,560.0	40,414,370	6.47	9.01
24. B.B.C.T.#1	15	0	0.0	51.6	0.0	0	LGT OIL	0	0	2.0	0	0.00	0.00
25. B.B.C.T.#2	80	4	0.0	52.7	0.0	19,000	LGT OIL	13	5,846,154	76.0	1,057	26.43	81.31
26. B.B.C.T.#3	80	3	0.0	52.7	0.0	22,333	LGT OIL	12	5,583,333	67.0	975	32.50	81.25
27. C.T. TOTAL (OIL)	175	7	0.0	52.6	0.0	20,714	LGT OIL	25	5,800,000	145.0	2,032	29.03	81.28
28. TOT COAL (BB,POLK)	1,957	1,011,608	69.5	68.3	19.4	10,681	COAL	453,247	23,837,965	10,804,486.0	27,451,975	2.71	60.57
29. SYSTEM	4,730	1,649,180	46.9	76.9	9.4	9,439	-	-	-	15,566,667.0	69,396,540	4.21	-

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: NOVEMBER 2007

(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	411	112,229	37.9	44.7	78.9	10,501	COAL	50,965	23,125,086	1,178,570.0	3,106,399	2.77	60.95
2. B.B.#2	391	212,829	75.6	84.1	96.4	10,448	COAL	92,380	24,069,929	2,223,580.0	5,630,710	2.65	60.95
3. B.B.#3	433	171,505	55.0	60.1	62.9	10,934	COAL	81,089	23,124,961	1,875,180.0	4,942,506	2.88	60.95
4. B.B.#4	462	255,086	76.7	87.4	83.8	10,880	COAL	120,011	23,125,130	2,775,270.0	7,314,865	2.87	60.95
5. B.B. STA.	1,697	751,649	61.5	69.3	19.4	10,713	COAL	344,445	23,378,478	8,052,600.0	20,994,480	2.79	60.95
6. PHILLIPS #1 (HVY OIL)	18	241	1.9	85.1	55.8	9,743	HVY OIL	374	6,278,075	2,348.0	22,826	9.47	61.03
7. PHILLIPS #2 (HVY OIL)	18	242	1.9	84.2	56.0	9,702	HVY OIL	374	6,278,075	2,348.0	22,826	9.43	61.03
8. SEB-PHILLIPS TOTAL	36	483	1.9	84.7	28.0	9,723	HVY OIL	748	6,278,075	4,696.0	45,652	9.45	61.03
9. POLK #1 GASIFIER	260	140,211	74.9	-	-	10,590	COAL	54,300	27,344,309	1,484,796.0	3,156,739	2.25	58.14
10. POLK #1 CT OIL	245	4,336	2.5	-	-	10,567	LGT OIL	7,900	5,799,747	45,818.0	627,699	14.48	79.46
11. POLK #1 TOTAL	260	144,547	77.2	84.9	87.0	10,589		-	-	1,530,614.0	3,784,438	2.62	-
12. POLK #2 CT GAS	175	119	0.1	-	-	17,059	GAS	2,000	1,015,000	2,030.0	19,856	16.69	9.93
13. POLK #2 CT OIL	184	6	0.0	-	-	13,500	LGT OIL	0	0	81.0	0	0.00	0.00
14. POLK #2 TOTAL	184	125	0.1	98.8	67.9	16,888		-	-	2,111.0	19,856	15.88	-
15. POLK #3 CT GAS	175	30	0.0	0.0	-	12,500	GAS	400	937,500	375.0	3,971	13.24	9.93
16. POLK #3 CT OIL	184	2	0.0	0.0	-	10,000	LGT OIL	0	0	20.0	0	0.00	0.00
17. POLK #3 TOTAL	184	32	0.0	98.8	0.0	12,344		-	-	395.0	3,971	12.41	-
18. POLK #4 CT GAS	175	610	0.5	98.8	58.1	13,169	GAS	7,800	1,029,872	8033.0	77,438	12.69	9.93
19. POLK #5 CT GAS	175	303	0.2	98.8	57.7	14,162	GAS	4,200	1,021,667	4291.0	41,698	13.76	9.93
20. CITY OF TAMPA GAS	3	38	1.8	100.0	55.1	10,421	GAS	385	1,028,571	396.0	4,144	10.91	10.76
21. BAYSIDE #1	793	199,339	34.9	62.8	76.9	7,354	GAS	1,426,000	1,028,029	1,465,970.0	14,157,328	7.10	9.93
22. BAYSIDE #2	1,045	311,544	41.4	71.2	77.2	7,398	GAS	2,242,000	1,027,988	2,304,750.0	22,258,576	7.14	9.93
23. BAYSIDE TOTAL	1,838	510,883	38.6	67.6	39.0	7,381	GAS	3,668,000	1,028,004	3,770,720.0	36,415,904	7.13	9.93
24. B.B.C.T.#1	15	0	0.0	66.5	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	1	0.0	68.1	0.0	24,000	LGT OIL	4	6,000,000	24.0	325	32.50	81.25
26. B.B.C.T.#3	80	1	0.0	68.1	0.0	10,000	LGT OIL	2	5,000,000	10.0	162	16.20	81.00
27. C.T. TOTAL (OIL)	175	2	0.0	67.9	0.0	17,000	LGT OIL	6	5,666,667	34.0	487	24.35	81.17
28. TOT COAL (BB,POLK)	1,957	891,860	63.3	60.1	20.0	10,694	COAL	398,745	23,918,534	9,537,396.0	24,151,219	2.71	60.57
29. SYSTEM	4,727	1,408,672	41.4	74.1	9.7	9,494	-	-	-	13,373,890.0	61,388,068	4.36	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE

38

SYSTEM NET GENERATION AND FUEL COST  
TAMPA ELECTRIC COMPANY

SCHEDULE E4

ESTIMATED FOR THE PERIOD: DECEMBER 2007

(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	411	217,439	71.1	83.8	78.9	10,461	COAL	98,359	23,125,083	2,274,560.0	6,019,693	2.77	61.20
2. B.B.#2	391	219,921	75.6	84.1	84.2	10,453	COAL	95,507	24,069,963	2,298,850.0	5,845,147	2.66	61.20
3. B.B.#3	433	6,212	1.9	0.0	65.2	10,923	COAL	2,934	23,127,130	67,855.0	179,564	2.89	61.20
4. B.B.#4	462	267,927	77.9	87.4	85.2	10,844	COAL	125,643	23,125,204	2,905,520.0	7,689,507	2.87	61.20
5. B.B. STA.	1,697	711,499	56.4	63.5	20.5	10,607	COAL	322,443	23,405,020	7,546,785.0	19,733,911	2.77	61.20
6. PHILLIPS #1 (HVY OIL)	18	29	0.2	85.1	53.7	10,034	HVY OIL	45	6,466,667	291.0	2,891	9.97	64.24
7. PHILLIPS #2 (HVY OIL)	18	31	0.2	84.3	57.4	9,387	HVY OIL	47	6,191,489	291.0	3,019	9.74	64.23
8. SEB-PHILLIPS TOTAL	36	60	0.2	84.7	27.8	9,700	HVY OIL	92	6,326,087	582.0	5,910	9.85	64.24
9. POLK #1 GASIFIER	260	144,885	74.9	-	-	10,589	COAL	56,200	27,298,505	1,534,176.0	3,245,218	2.24	57.74
10. POLK #1 CT OIL	245	4,481	2.5	-	-	10,566	LGT OIL	8,200	5,773,780	47,345.0	653,391	14.58	79.68
11. POLK #1 TOTAL	260	149,366	77.2	84.9	87.0	10,588	-	-	-	1,581,521.0	3,898,609	2.61	-
12. POLK #2 CT GAS	175	69	0.1	-	-	13,377	GAS	900	1,025,556	923.0	10,042	14.55	11.16
13. POLK #2 CT OIL	184	4	0.0	-	-	12,250	LGT OIL	0	0	49.0	0	0.00	0.00
14. POLK #2 TOTAL	184	73	0.1	98.8	39.7	13,315	-	-	-	972.0	10,042	13.76	-
15. POLK #3 CT GAS	175	37	0.0	0.0	-	13,459	GAS	500	996,000	498.0	5,579	15.08	11.16
16. POLK #3 CT OIL	184	2	0.0	0.0	-	13,000	LGT OIL	0	0	26.0	0	0.00	0.00
17. POLK #3 TOTAL	184	39	0.0	98.8	21.2	13,436	-	-	-	524.0	5,579	14.31	-
18. POLK #4 CT GAS	175	229	0.2	98.8	43.6	15,424	GAS	3,400	1,038,824	3532.0	37,937	16.57	11.16
19. POLK #5 CT GAS	175	132	0.1	98.8	37.7	17,000	GAS	2,200	1,020,000	2244.0	24,547	18.60	11.16
20. CITY OF TAMPA GAS	3	0	0.0	100.0	0.0	0	GAS	0	0	0.0	0	0.00	0.00
21. BAYSIDE #1	793	304,371	51.6	89.8	72.7	7,305	GAS	2,162,800	1,027,987	2,223,330.0	24,132,306	7.93	11.16
22. BAYSIDE #2	1,045	284,302	36.6	92.8	62.1	7,420	GAS	2,051,900	1,028,037	2,109,430.0	22,894,895	8.05	11.16
23. BAYSIDE TOTAL	1,838	588,673	43.0	91.5	33.2	7,360	GAS	4,214,700	1,028,011	4,332,760.0	47,027,201	7.99	11.16
24. B.B.C.T.#1	15	0	0.0	66.5	0.0	0	LGT OIL	0	0	0.0	0	0.00	0.00
25. B.B.C.T.#2	80	1	0.0	68.1	0.0	12,000	LGT OIL	2	6,000,000	12.0	229	22.90	114.50
26. B.B.C.T.#3	80	0	0.0	68.1	0.0	0	LGT OIL	1	5,000,000	5.0	115	0.00	115.00
27. C.T. TOTAL (OIL)	175	1	0.0	68.0	0.0	17,000	LGT OIL	3	5,666,667	17.0	344	34.40	114.67
28. TOT COAL (BB,POLK)	1,957	856,384	58.8	55.0	21.4	10,604	COAL	378,643	23,982,910	9,080,961.0	22,979,129	2.68	60.69
29. SYSTEM	4,727	1,450,072	41.2	81.3	10.2	9,288	-	-	-	13,468,937.0	70,744,080	4.88	-

LEGEND:

B.B. = BIG BEND

SEB-PHIL = SEBRING-PHILLIPS

C.T. = COMBUSTION TURBINE



SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS  
TAMPA ELECTRIC COMPANY

SCHEDULE E5

ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007

	Jan-07	Feb-07	Mar-07	Apr-07	May-07	Jun-07
<b>HEAVY OIL</b>						
1. PURCHASES:						
2. UNITS (BBL)	590	127	296	219	3,059	2,386
3. UNIT COST (\$/BBL)	55.18	53.27	52.56	52.33	53.08	56.42
4. AMOUNT (\$)	32,556	6,765	15,558	11,460	162,380	134,626
5. BURNED:						
6. UNITS (BBL)	590	127	296	219	3,059	2,386
7. UNIT COST (\$/BBL)	62.77	64.18	60.83	65.02	61.04	61.13
8. AMOUNT (\$)	37,037	8,151	18,006	14,239	186,722	145,868
9. ENDING INVENTORY:						
10. UNITS (BBL)	17,570	17,570	17,570	17,570	17,570	17,570
11. UNIT COST (\$/BBL)	58.52	58.48	58.38	58.31	57.53	57.40
12. AMOUNT (\$)	1,028,114	1,027,452	1,025,729	1,024,421	1,010,814	1,008,488
13. DAYS SUPPLY:	656	536	427	335	299	252
<b>LIGHT OIL</b>						
14. PURCHASES:						
15. UNITS (BBL)	12,275	8,834	10,952	8,338	10,451	10,441
16. UNIT COST (\$/BBL)	81.74	82.19	81.55	79.56	78.05	77.32
17. AMOUNT (\$)	1,003,328	726,091	893,187	663,366	815,719	807,250
18. BURNED:						
19. UNITS (BBL)	12,275	8,834	10,952	8,338	10,451	10,441
20. UNIT COST (\$/BBL)	60.14	67.95	60.06	54.43	60.20	58.36
21. AMOUNT (\$)	738,240	600,250	657,739	453,802	629,130	609,351
22. ENDING INVENTORY:						
23. UNITS (BBL)	104,852	104,852	104,852	104,852	104,852	104,852
24. UNIT COST (\$/BBL)	81.91	81.98	81.99	81.84	81.55	81.23
25. AMOUNT (\$)	8,588,148	8,596,185	8,596,747	8,581,048	8,551,128	8,517,421
26. DAYS SUPPLY: NORMAL	297	299	298	292	289	288
27. DAYS SUPPLY: EMERGENCY	15	15	15	15	15	15
<b>COAL</b>						
28. PURCHASES:						
29. UNITS (TONS)	441,000	400,100	355,700	342,100	392,800	451,000
30. UNIT COST (\$/TON)	59.78	60.89	61.18	60.75	58.39	60.35
31. AMOUNT (\$)	26,362,395	24,363,245	21,761,857	20,782,954	22,934,727	27,218,897
32. BURNED:						
33. UNITS (TONS)	450,118	302,137	332,234	313,712	378,004	443,993
34. UNIT COST (\$/TON)	60.38	61.09	61.80	61.62	60.70	60.80
35. AMOUNT (\$)	27,179,732	18,458,995	20,464,302	19,329,953	22,945,470	26,993,829
36. ENDING INVENTORY:						
37. UNITS (TONS)	647,346	745,309	768,775	797,163	811,959	818,966
38. UNIT COST (\$/TON)	59.51	60.00	60.34	60.46	59.77	59.98
39. AMOUNT (\$)	38,525,240	44,721,339	46,388,743	48,200,140	48,532,518	49,120,911
40. DAYS SUPPLY:	52	59	60	61	62	63
<b>NATURAL GAS</b>						
41. PURCHASES:						
42. UNITS (MCF)	3,481,965	4,161,641	4,335,922	4,568,763	5,843,982	5,281,121
43. UNIT COST (\$/MCF)	11.97	11.49	10.97	9.73	9.40	9.46
44. AMOUNT (\$)	41,665,833	47,822,286	47,568,986	44,458,778	54,916,769	49,951,088
45. BURNED:						
46. UNITS (MCF)	3,481,965	4,161,641	4,335,922	4,568,763	5,843,982	5,476,721
47. UNIT COST (\$/MCF)	11.97	11.49	10.97	9.73	9.40	9.46
48. AMOUNT (\$)	41,665,834	47,822,286	47,568,986	44,458,778	54,916,769	51,801,092
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: JANUARY 2007 THROUGH DECEMBER 2007

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	TOTAL
<b>HEAVY OIL</b>							
1. PURCHASES:							
2. UNITS (BBL)	2,853	3,172	3,127	2,116	748	92	18,785
3. UNIT COST (\$/BBL)	56.50	56.78	55.69	53.64	52.35	52.34	55.16
4. AMOUNT (\$)	161,190	180,109	174,138	113,505	39,161	4,815	1,036,263
5. BURNED:							
6. UNITS (BBL)	2,853	3,172	3,127	2,116	748	92	18,785
7. UNIT COST (\$/BBL)	60.31	60.10	60.25	60.88	61.03	64.24	60.77
8. AMOUNT (\$)	172,064	190,625	188,388	128,817	45,652	5,910	1,141,479
9. ENDING INVENTORY:							
10. UNITS (BBL)	17,570	17,570	17,570	17,570	17,570	17,570	17,570
11. UNIT COST (\$/BBL)	57.27	57.20	56.97	56.61	56.44	56.42	56.42
12. AMOUNT (\$)	1,006,279	1,004,959	1,000,953	994,668	991,614	991,238	991,238
13. DAYS SUPPLY:	200	159	130	108	91	78	-
<b>LIGHT OIL</b>							
14. PURCHASES:							
15. UNITS (BBL)	12,706	12,896	10,658	10,164	10,665	10,957	129,337
16. UNIT COST (\$/BBL)	77.47	78.03	78.61	79.21	80.00	80.72	79.48
17. AMOUNT (\$)	984,392	1,006,280	837,783	805,041	853,209	884,495	10,280,141
18. BURNED:							
19. UNITS (BBL)	12,706	12,896	10,658	10,164	10,665	10,957	129,337
20. UNIT COST (\$/BBL)	59.22	59.40	58.16	54.06	58.90	59.66	59.21
21. AMOUNT (\$)	752,491	765,974	619,868	549,418	628,186	653,735	7,658,184
22. ENDING INVENTORY:							
23. UNITS (BBL)	104,852	104,852	104,852	104,852	104,852	104,852	104,852
24. UNIT COST (\$/BBL)	80.92	80.70	80.57	80.50	80.51	80.58	80.58
25. AMOUNT (\$)	8,485,064	8,461,277	8,447,941	8,440,453	8,441,451	8,448,745	8,448,745
26. DAYS SUPPLY: NORMAL	283	279	279	271	272	274	-
27. DAYS SUPPLY: EMERGENCY	15	15	15	15	15	15	-
<b>COAL</b>							
28. PURCHASES:							
29. UNITS (TONS)	407,900	402,900	437,200	451,000	429,100	361,000	4,871,800
30. UNIT COST (\$/TON)	60.21	60.07	58.36	59.94	59.74	59.88	59.93
31. AMOUNT (\$)	24,560,372	24,201,116	25,515,437	27,031,818	25,636,264	21,616,715	291,985,797
32. BURNED:							
33. UNITS (TONS)	464,667	464,878	449,327	453,247	398,745	378,643	4,829,705
34. UNIT COST (\$/TON)	61.07	60.97	60.25	60.57	60.57	60.69	60.82
35. AMOUNT (\$)	28,374,911	28,343,510	27,073,796	27,451,975	24,151,219	22,979,129	293,746,821
36. ENDING INVENTORY:							
37. UNITS (TONS)	762,199	700,221	688,094	685,847	716,202	698,559	698,559
38. UNIT COST (\$/TON)	60.04	60.01	59.34	59.49	59.54	59.60	59.60
39. AMOUNT (\$)	45,765,142	42,021,844	40,828,377	40,801,623	42,643,201	41,635,657	41,635,657
40. DAYS SUPPLY:	59	53	52	52	54	53	-
<b>NATURAL GAS</b>							
41. PURCHASES:							
42. UNITS (MCF)	6,353,638	6,364,007	5,334,561	4,580,195	3,682,785	4,221,700	58,210,280
43. UNIT COST (\$/MCF)	9.52	9.41	9.51	9.01	9.93	11.16	10.01
44. AMOUNT (\$)	60,515,196	59,913,006	50,723,827	41,266,330	36,563,012	47,105,306	582,470,417
45. BURNED:							
46. UNITS (MCF)	6,353,638	6,364,007	5,334,561	4,580,195	3,682,785	4,221,700	58,405,880
47. UNIT COST (\$/MCF)	9.52	9.41	9.51	9.01	9.93	11.16	10.00
48. AMOUNT (\$)	60,515,195	59,913,005	50,723,826	41,266,330	36,563,011	47,105,306	584,320,418
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 2007 THROUGH DECEMBER 2007

SCHEDULE E6

(1)	(2)	(3)	(4)	(5)	(6)	(7)		(8)	(9)	(10)	
MONTH	SOLD TO	TYPE & SCHEDULE	TOTAL MWH SOLD	MWH WHEELED FROM OTHER SYSTEMS	MWH FROM OWN GENERATION	CENTS/KWH		TOTAL \$ FOR FUEL ADJUSTMENT	TOTAL COST \$	GAINS ON SALES	
						(A) FUEL COST	(B) TOTAL COST				
Jan-07	SEMINOLE	JURISD.	SCH. -D	775.0	0.0	775.0	2.077	2.619	16,100.00	20,300.00	
	VARIOUS	JURISD.	MKT. BASE	7,565.0	0.0	7,565.0	4.599	8.252	347,900.00	624,300.00	
	NSB	SEP.	SCH. -D	7,440.0	0.0	7,440.0	4.659	5.418	346,600.00	403,100.00	
	<b>TOTAL</b>			<b>15,780.0</b>	<b>0.0</b>	<b>15,780.0</b>	<b>4.503</b>	<b>6.639</b>	<b>710,600.00</b>	<b>1,047,700.00</b>	<b>253,800.00</b>
Feb-07	SEMINOLE	JURISD.	SCH. -D	1,246.0	0.0	1,246.0	1.870	2.592	23,300.00	32,300.00	
	VARIOUS	JURISD.	MKT. BASE	715.0	0.0	715.0	7.483	8.769	53,500.00	82,700.00	
	NSB	SEP.	SCH. -D	6,720.0	0.0	6,720.0	5.254	6.030	353,100.00	405,200.00	
	<b>TOTAL</b>			<b>8,681.0</b>	<b>0.0</b>	<b>8,681.0</b>	<b>4.952</b>	<b>5.762</b>	<b>429,900.00</b>	<b>500,200.00</b>	<b>15,600.00</b>
Mar-07	SEMINOLE	JURISD.	SCH. -D	1,001.0	0.0	1,001.0	1.948	2.567	19,500.00	25,700.00	
	VARIOUS	JURISD.	MKT. BASE	551.0	0.0	551.0	7.514	8.566	41,400.00	47,200.00	
	NSB	SEP.	SCH. -D	7,440.0	0.0	7,440.0	5.034	5.792	374,500.00	430,900.00	
	<b>TOTAL</b>			<b>8,992.0</b>	<b>0.0</b>	<b>8,992.0</b>	<b>4.842</b>	<b>5.603</b>	<b>435,400.00</b>	<b>503,800.00</b>	<b>10,000.00</b>
Apr-07	SEMINOLE	JURISD.	SCH. -D	1,403.0	0.0	1,403.0	2.096	2.708	29,400.00	38,000.00	
	VARIOUS	JURISD.	MKT. BASE	573.0	0.0	573.0	6.876	8.098	39,400.00	46,400.00	
	NSB	SEP.	SCH. -D	7,200.0	0.0	7,200.0	4.775	5.539	343,800.00	398,800.00	
	<b>TOTAL</b>			<b>9,176.0</b>	<b>0.0</b>	<b>9,176.0</b>	<b>4.497</b>	<b>5.266</b>	<b>412,600.00</b>	<b>483,200.00</b>	<b>13,700.00</b>
May-07	SEMINOLE	JURISD.	SCH. -D	1,354.0	0.0	1,354.0	2.171	2.762	29,400.00	37,400.00	
	VARIOUS	JURISD.	MKT. BASE	3,979.0	0.0	3,979.0	6.622	8.218	263,500.00	327,000.00	
	NSB	SEP.	SCH. -D	7,440.0	0.0	7,440.0	4.794	5.554	356,700.00	413,200.00	
	<b>TOTAL</b>			<b>12,773.0</b>	<b>0.0</b>	<b>12,773.0</b>	<b>5.086</b>	<b>6.088</b>	<b>649,600.00</b>	<b>777,600.00</b>	<b>57,500.00</b>
Jun-07	SEMINOLE	JURISD.	SCH. -D	1,295.0	0.0	1,295.0	2.170	2.749	28,100.00	35,600.00	
	VARIOUS	JURISD.	MKT. BASE	2,300.0	0.0	2,300.0	6.683	8.030	153,700.00	184,700.00	
	NSB	SEP.	SCH. -D	7,200.0	0.0	7,200.0	4.593	5.357	330,700.00	385,700.00	
	<b>TOTAL</b>			<b>10,795.0</b>	<b>0.0</b>	<b>10,795.0</b>	<b>4.748</b>	<b>5.614</b>	<b>512,500.00</b>	<b>606,000.00</b>	<b>30,400.00</b>
Jul-07	SEMINOLE	JURISD.	SCH. -D	2,001.0	0.0	2,001.0	2.449	3.048	49,000.00	61,000.00	
	VARIOUS	JURISD.	MKT. BASE	1,729.0	0.0	1,729.0	6.987	8.409	120,800.00	145,400.00	
	NSB	SEP.	SCH. -D	7,440.0	0.0	7,440.0	4.810	5.570	357,900.00	414,400.00	
	<b>TOTAL</b>			<b>11,170.0</b>	<b>0.0</b>	<b>11,170.0</b>	<b>4.724</b>	<b>5.558</b>	<b>527,700.00</b>	<b>620,800.00</b>	<b>30,500.00</b>
Aug-07	SEMINOLE	JURISD.	SCH. -D	1,609.0	0.0	1,609.0	2.206	2.803	35,500.00	45,100.00	
	VARIOUS	JURISD.	MKT. BASE	1,660.0	0.0	1,660.0	6.705	8.325	111,300.00	138,200.00	
	NSB	SEP.	SCH. -D	7,440.0	0.0	7,440.0	4.777	5.536	355,400.00	411,900.00	
	<b>TOTAL</b>			<b>10,709.0</b>	<b>0.0</b>	<b>10,709.0</b>	<b>4.690</b>	<b>5.558</b>	<b>502,200.00</b>	<b>595,200.00</b>	<b>30,600.00</b>
Sep-07	SEMINOLE	JURISD.	SCH. -D	1,698.0	0.0	1,698.0	2.226	2.821	37,800.00	47,900.00	
	VARIOUS	JURISD.	MKT. BASE	5,061.0	0.0	5,061.0	6.807	8.127	344,500.00	411,300.00	
	NSB	SEP.	SCH. -D	7,200.0	0.0	7,200.0	4.553	5.317	327,800.00	382,800.00	
	<b>TOTAL</b>			<b>13,959.0</b>	<b>0.0</b>	<b>13,959.0</b>	<b>5.087</b>	<b>6.032</b>	<b>710,100.00</b>	<b>842,000.00</b>	<b>59,000.00</b>
Oct-07	SEMINOLE	JURISD.	SCH. -D	1,079.0	0.0	1,079.0	1.983	2.530	21,400.00	27,300.00	
	VARIOUS	JURISD.	MKT. BASE	1,673.0	0.0	1,673.0	6.312	7.531	105,600.00	126,000.00	
	NSB	SEP.	SCH. -D	7,440.0	0.0	7,440.0	4.208	4.968	313,100.00	389,600.00	
	<b>TOTAL</b>			<b>10,192.0</b>	<b>0.0</b>	<b>10,192.0</b>	<b>4.318</b>	<b>5.130</b>	<b>440,100.00</b>	<b>522,900.00</b>	<b>20,400.00</b>
Nov-07	SEMINOLE	JURISD.	SCH. -D	952.0	0.0	952.0	1.765	2.279	16,800.00	21,700.00	
	VARIOUS	JURISD.	MKT. BASE	3,410.0	0.0	3,410.0	5.085	7.457	173,400.00	254,300.00	
	NSB	SEP.	SCH. -D	7,200.0	0.0	7,200.0	4.358	5.122	313,800.00	368,800.00	
	<b>TOTAL</b>			<b>11,562.0</b>	<b>0.0</b>	<b>11,562.0</b>	<b>4.359</b>	<b>5.577</b>	<b>504,000.00</b>	<b>644,800.00</b>	<b>73,700.00</b>
Dec-07	SEMINOLE	JURISD.	SCH. -D	893.0	0.0	893.0	1.859	2.531	16,600.00	22,600.00	
	VARIOUS	JURISD.	MKT. BASE	764.0	0.0	764.0	7.552	8.757	57,700.00	66,900.00	
	NSB	SEP.	SCH. -D	7,440.0	0.0	7,440.0	4.879	5.637	363,000.00	419,400.00	
	<b>TOTAL</b>			<b>9,097.0</b>	<b>0.0</b>	<b>9,097.0</b>	<b>4.807</b>	<b>5.594</b>	<b>437,300.00</b>	<b>508,900.00</b>	<b>12,500.00</b>
Jan-07 Dec-07	SEMINOLE	JURISD.	SCH. -D	15,306.0	0.0	15,306.0	2.110	2.711	322,900.00	414,900.00	
	VARIOUS	JURISD.	MKT. BASE	29,980.0	0.0	29,980.0	6.046	8.120	1,812,700.00	2,434,400.00	
	NSB	SEP.	SCH. -D	87,600.0	0.0	87,600.0	4.722	5.484	4,136,400.00	4,803,800.00	
	<b>TOTAL</b>			<b>132,886.0</b>	<b>0.0</b>	<b>132,886.0</b>	<b>4.720</b>	<b>5.759</b>	<b>6,272,000.00</b>	<b>7,653,100.00</b>	<b>607,700.00</b>

PURCHASED POWER  
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007

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	
							Jan-07	HPP	
	PEF	SCH. D	14,980.0	0.0	0.0	14,980.0	3.690	3.690	552,800.00
	CALPINE	SCH. D	1,583.0	0.0	0.0	1,583.0	14.043	14.043	222,300.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>21,008.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21,008.0</b>	<b>6.842</b>	<b>6.842</b>	<b>1,437,300.00</b>
Feb-07	HPP	IPP	1,029.0	0.0	0.0	1,029.0	22.964	22.964	236,300.00
	PEF	SCH. D	24,877.0	0.0	0.0	24,877.0	3.800	3.800	945,300.00
	CALPINE	SCH. D	115.0	0.0	0.0	115.0	16.087	16.087	18,500.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>26,021.0</b>	<b>0.0</b>	<b>0.0</b>	<b>26,021.0</b>	<b>4.612</b>	<b>4.612</b>	<b>1,200,100.00</b>
Mar-07	HPP	IPP	211.0	0.0	0.0	211.0	67.536	67.536	142,500.00
	PEF	SCH. D	25,387.0	0.0	0.0	25,387.0	3.580	3.580	908,900.00
	CALPINE	SCH. D	48.0	0.0	0.0	48.0	12.292	12.292	5,900.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>25,646.0</b>	<b>0.0</b>	<b>0.0</b>	<b>25,646.0</b>	<b>4.123</b>	<b>4.123</b>	<b>1,057,300.00</b>
Apr-07	HPP	IPP	37.0	0.0	0.0	37.0	331.351	331.351	122,600.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	16.0	0.0	0.0	16.0	10.625	10.625	1,700.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>53.0</b>	<b>0.0</b>	<b>0.0</b>	<b>53.0</b>	<b>234.528</b>	<b>234.528</b>	<b>124,300.00</b>
May-07	HPP	IPP	22,120.0	0.0	0.0	22,120.0	8.455	8.455	1,870,200.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	26.0	0.0	0.0	26.0	10.769	10.769	2,800.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>22,146.0</b>	<b>0.0</b>	<b>0.0</b>	<b>22,146.0</b>	<b>8.458</b>	<b>8.458</b>	<b>1,873,000.00</b>
Jun-07	HPP	IPP	21,526.0	0.0	0.0	21,526.0	8.504	8.504	1,830,500.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	65.0	0.0	0.0	65.0	10.769	10.769	7,000.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>21,591.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21,591.0</b>	<b>8.510</b>	<b>8.510</b>	<b>1,837,500.00</b>

PURCHASED POWER  
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007

SCHEDULE E7

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR OTHER UTILITIES	(6) MWH FOR INTERRUPTIBLE	(7) MWH FOR FIRM	(8) CENTS/KWH		(9) TOTAL \$ FOR FUEL ADJUSTMENT
							(A) FUEL COST	(B) TOTAL COST	
							Jul-07	HPP	
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	1,396.0	0.0	0.0	1,396.0	11.554	11.554	161,300.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>22,746.0</b>	<b>0.0</b>	<b>0.0</b>	<b>22,746.0</b>	<b>9.032</b>	<b>9.032</b>	<b>2,054,400.00</b>
Aug-07	HPP	IPP	22,848.0	0.0	0.0	22,848.0	8.718	8.718	1,992,000.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	1,574.0	0.0	0.0	1,574.0	11.442	11.442	180,100.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>24,422.0</b>	<b>0.0</b>	<b>0.0</b>	<b>24,422.0</b>	<b>8.894</b>	<b>8.894</b>	<b>2,172,100.00</b>
Sep-07	HPP	IPP	21,021.0	0.0	0.0	21,021.0	8.544	8.544	1,796,100.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	65.0	0.0	0.0	65.0	11.077	11.077	7,200.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>21,086.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21,086.0</b>	<b>8.552</b>	<b>8.552</b>	<b>1,803,300.00</b>
Oct-07	HPP	IPP	9,087.0	0.0	0.0	9,087.0	8.682	8.682	788,900.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	36.0	0.0	0.0	36.0	10.556	10.556	3,800.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>9,123.0</b>	<b>0.0</b>	<b>0.0</b>	<b>9,123.0</b>	<b>8.689</b>	<b>8.689</b>	<b>792,700.00</b>
Nov-07	HPP	IPP	1,525.0	0.0	0.0	1,525.0	16.669	16.669	254,200.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	42.0	0.0	0.0	42.0	11.190	11.190	4,700.00
	OTHER	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	<b>TOTAL</b>		<b>1,567.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1,567.0</b>	<b>16.522</b>	<b>16.522</b>	<b>258,900.00</b>
Dec-07	HPP	IPP	2.0	0.0	0.0	2.0	5,985.000	5,985.000	119,700.00
	PEF	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	CALPINE	SCH. D	0.0	0.0	0.0	0.0	0.000	0.000	0.00
	OTHER	SCH. D	60,886.0	0.0	0.0	60,886.0	7.773	7.773	4,732,800.00
	<b>TOTAL</b>		<b>60,888.0</b>	<b>0.0</b>	<b>0.0</b>	<b>60,888.0</b>	<b>7.970</b>	<b>7.970</b>	<b>4,852,500.00</b>
Jan-07	HPP	IPP	125,201.0	0.0	0.0	125,201.0	9.352	9.352	11,708,300.00
THRU	PEF	SCH. D	65,244.0	0.0	0.0	65,244.0	3.689	3.689	2,407,000.00
Dec-07	CALPINE	SCH. D	4,966.0	0.0	0.0	4,966.0	12.390	12.390	615,300.00
	OTHER	SCH. D	60,886.0	0.0	0.0	60,886.0	7.773	7.773	4,732,800.00
	<b>TOTAL</b>		<b>256,297.0</b>	<b>0.0</b>	<b>0.0</b>	<b>256,297.0</b>	<b>7.594</b>	<b>7.594</b>	<b>19,463,400.00</b>

**ENERGY PAYMENT TO QUALIFYING FACILITIES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007**

SCHEDULE E8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)		(9)
MONTH	PURCHASED FROM	TYPE & SCHEDULE	TOTAL MWH PURCHASED	MWH FOR OTHER UTILITIES	MWH FOR INTERRUPTIBLE	MWH FOR FIRM	(A) CENTS/KWH FUEL COST	(B) CENTS/KWH TOTAL COST	TOTAL \$ FOR FUEL ADJUSTMENT
Jan-07	VARIOUS	CO-GEN.	43,528.0	0.0	0.0	43,528.0	3.465	3.465	1,508,300
Feb-07	VARIOUS	CO-GEN.	39,309.0	0.0	0.0	39,309.0	3.754	3.754	1,475,500
Mar-07	VARIOUS	CO-GEN.	43,528.0	0.0	0.0	43,528.0	3.697	3.697	1,609,200
Apr-07	VARIOUS	CO-GEN.	44,016.0	0.0	0.0	44,016.0	3.679	3.679	1,619,300
May-07	VARIOUS	CO-GEN.	45,499.0	0.0	0.0	45,499.0	3.619	3.619	1,646,700
Jun-07	VARIOUS	CO-GEN.	44,016.0	0.0	0.0	44,016.0	3.847	3.847	1,693,100
Jul-07	VARIOUS	CO-GEN.	45,499.0	0.0	0.0	45,499.0	4.112	4.112	1,870,700
Aug-07	VARIOUS	CO-GEN.	45,499.0	0.0	0.0	45,499.0	3.808	3.808	1,732,500
Sep-07	VARIOUS	CO-GEN.	44,016.0	0.0	0.0	44,016.0	3.687	3.687	1,623,000
Oct-07	VARIOUS	CO-GEN.	45,499.0	0.0	0.0	45,499.0	3.820	3.820	1,738,100
Nov-07	VARIOUS	CO-GEN.	42,108.0	0.0	0.0	42,108.0	3.460	3.460	1,456,900
Dec-07	VARIOUS	CO-GEN.	43,528.0	0.0	0.0	43,528.0	4.106	4.106	1,787,400
<b>TOTAL</b>			<b>526,045.0</b>	<b>0.0</b>	<b>0.0</b>	<b>526,045.0</b>	<b>3.756</b>	<b>3.756</b>	<b>\$19,760,700</b>

45

**ECONOMY ENERGY PURCHASES  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007**

SCHEDULE E9

(1) MONTH	(2) PURCHASED FROM	(3) TYPE & SCHEDULE	(4) TOTAL MWH PURCHASED	(5) MWH FOR INTERRUP- TIBLE	(6) MWH FOR FIRM	(7) TRANSACT. COST cents/KWH	(8) TOTAL \$ FOR FUEL ADJUSTMENT	(9) COST IF GENERATED		(10) FUEL SAVINGS (9B)-(8)
								(A) CENTS PER KWH	(B) (\$000)	
Jan-07	VARIOUS	SCH. - J / MB	86,340.0	51.0	86,289.0	6.565	5,668,400.00	6.565	5,668,400.00	0.00
Feb-07	VARIOUS	SCH. - J / MB	113,109.0	1.0	113,108.0	5.788	6,547,000.00	5.788	6,547,000.00	0.00
Mar-07	VARIOUS	SCH. - J / MB	174,361.0	27.0	174,334.0	6.091	10,619,800.00	6.091	10,619,800.00	0.00
Apr-07	VARIOUS	SCH. - J / MB	203,210.0	5.0	203,205.0	5.816	11,818,000.00	5.816	11,818,000.00	0.00
May-07	VARIOUS	SCH. - J / MB	225,868.0	59.0	225,809.0	6.807	15,374,000.00	6.807	15,374,000.00	0.00
Jun-07	VARIOUS	SCH. - J / MB	234,587.0	121.0	234,466.0	6.839	16,043,000.00	6.839	16,043,000.00	0.00
Jul-07	VARIOUS	SCH. - J / MB	254,131.0	325.0	253,806.0	7.142	18,148,800.00	7.142	18,148,800.00	0.00
Aug-07	VARIOUS	SCH. - J / MB	278,562.0	419.0	278,143.0	7.091	19,752,500.00	7.091	19,752,500.00	0.00
Sep-07	VARIOUS	SCH. - J / MB	257,190.0	141.0	257,049.0	6.869	17,667,400.00	6.869	17,667,400.00	0.00
Oct-07	VARIOUS	SCH. - J / MB	175,460.0	193.0	175,267.0	6.587	11,558,200.00	6.587	11,558,200.00	0.00
Nov-07	VARIOUS	SCH. - J / MB	109,467.0	16.0	109,451.0	6.200	6,786,900.00	6.200	6,786,900.00	0.00
Dec-07	VARIOUS	SCH. - J / MB	88,790.0	0.0	88,790.0	5.659	5,024,200.00	5.659	5,024,200.00	0.00
<b>TOTAL</b>			<b>2,201,075.0</b>	<b>1,358.0</b>	<b>2,199,717.0</b>	<b>6.588</b>	<b>145,008,200.00</b>	<b>6.588</b>	<b>145,008,200.00</b>	<b>0.00</b>

46

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

SCHEDULE E10

	Current	Projected	Difference	
	Jan 06 - Dec 06	Jan 07 - Dec 07	\$	%
Base Rate Revenue	\$51.92	\$51.92	0.00	0%
Fuel Recovery Revenue	54.35	59.22	4.87	9%
Conservation Revenue	0.76	0.73	(0.03)	-4%
Capacity Revenue	3.56	3.25	(0.31)	-9%
Environmental Revenue	(3.72)	(3.44)	0.28	-8%
Florida Gross Receipts Tax Revenue	2.74	2.86	0.12	4%
<b>TOTAL REVENUE</b>	<b>\$109.61</b>	<b>\$114.54</b>	<b>\$4.93</b>	<b>4%</b>

47



**CAPACITY COSTS  
TAMPA ELECTRIC COMPANY  
ESTIMATED FOR THE PERIOD: JANUARY 2007 THROUGH DECEMBER 2007**

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
PROGRESS ENERGY FLORIDA	1/1/2006	3/31/2007	LT
SEMINOLE ELECTRIC	6/1/1992	**	LT
CALPINE	5/1/2006	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
PROGRESS ENERGY FLORIDA	50.0	50.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SEMINOLE ELECTRIC	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2	5.2
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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	250.0

CAPACITY YEAR 2007	JANUARY (\$)	FEBRUARY (\$)	MARCH (\$)	APRIL (\$)	MAY (\$)	JUNE (\$)	JULY (\$)	AUGUST (\$)	SEPTEMBER (\$)	OCTOBER (\$)	NOVEMBER (\$)	DECEMBER (\$)	TOTAL (\$)
MCKAY BAY REFUSE	310,600	253,400	310,600	290,900	310,600	290,900	310,600	310,600	290,900	310,600	290,900	310,600	3,591,200
HILLSBOROUGH COUNTY	975,300	795,700	975,300	913,400	975,300	913,400	975,300	975,300	913,400	975,300	913,400	975,300	11,276,400
ORANGE COGEN LP	803,000	655,100	803,000	752,000	803,000	752,000	803,000	803,000	752,000	803,000	752,000	803,000	9,284,100
TOTAL COGENERATION	2,088,900	1,704,200	2,088,900	1,956,300	2,088,900	1,956,300	2,088,900	2,088,900	1,956,300	2,088,900	1,956,300	2,088,900	24,151,700
HARDEE POWER PARTNERS PROGRESS ENERGY FLORIDA - D CALPINE - D OTHER NON-FIRM SUBTOTAL CAPACITY PURCHASES													
SEMINOLE ELECTRIC - D VARIOUS MARKET BASED SUBTOTAL CAPACITY SALES													
TOTAL PURCHASES AND (SALES)	3,101,300	3,096,200	3,104,100	2,228,500	2,225,700	2,229,700	2,216,000	2,222,200	2,214,800	2,234,400	2,233,300	2,916,800	30,023,000
TOTAL CAPACITY	\$5,190,200	\$4,800,400	\$5,193,000	\$4,184,800	\$4,314,600	\$4,186,000	\$4,304,900	\$4,311,100	\$4,171,100	\$4,323,300	\$4,189,600	\$5,005,700	\$54,174,700

48

GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE  
TAMPA ELECTRIC COMPANY

SCHEDULE H1

PERIOD: JANUARY THROUGH DECEMBER

	ACTUAL 2004	ACTUAL 2005	ACT/EST 2006	EST 2007	DIFFERENCE (%)		
					2005-2004	2006-2005	2007-2006
<b>FUEL COST OF SYSTEM NET GENERATION (\$)</b>							
1 HEAVY OIL <sup>(1)</sup>	3,537,147	5,541,213	2,093,570	1,141,479	56.7%	-62.2%	-45.5%
2 LIGHT OIL <sup>(1)</sup>	5,472,567	8,067,271	7,733,729	7,658,184	47.8%	-4.4%	-1.0%
3 COAL	239,400,294	233,255,198	291,565,334	293,746,821	-2.6%	25.0%	0.7%
4 NATURAL GAS	355,228,826	528,761,324	550,051,604	584,320,418	48.9%	4.0%	6.2%
5 NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
6 OTHER	0	0	0	0	0.0%	0.0%	0.0%
7 TOTAL (\$)	603,638,834	775,645,006	851,444,237	886,866,902	28.5%	9.8%	4.2%
<b>SYSTEM NET GENERATION (MWH)</b>							
8 HEAVY OIL <sup>(1)</sup>	64,777	70,843	21,694	12,110	9.4%	-69.4%	-44.2%
9 LIGHT OIL <sup>(1)</sup>	75,265	64,426	51,497	51,846	-14.4%	-20.1%	0.7%
10 COAL	10,709,425	9,660,298	10,901,665	10,772,030	-9.8%	12.9%	-1.2%
11 NATURAL GAS	6,652,128	7,566,524	7,829,750	7,985,226	13.7%	3.5%	2.0%
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)	17,501,595	17,362,091	18,804,806	18,821,212	-0.8%	8.3%	0.1%
<b>UNITS OF FUEL BURNED</b>							
15 HEAVY OIL (BBL) <sup>(1)</sup>	101,595	110,256	34,687	18,785	8.5%	-68.5%	-45.8%
16 LIGHT OIL (BBL) <sup>(1)</sup>	125,804	119,896	111,842	129,337	-4.7%	-6.7%	15.6%
17 COAL (TON)	4,873,135	4,433,133	4,966,696	4,829,705	-9.0%	12.0%	-2.8%
18 NATURAL GAS (MCF)	48,077,181	54,391,128	56,810,524	58,405,880	13.1%	4.4%	2.8%
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>	637,351	691,701	217,678	117,970	8.5%	-68.5%	-45.8%
22 LIGHT OIL <sup>(1)</sup>	716,513	674,718	641,669	556,294	-5.8%	-4.9%	-13.3%
23 COAL	114,155,548	104,591,939	117,928,635	115,358,774	-8.4%	12.8%	-2.2%
24 NATURAL GAS	49,812,785	56,454,350	58,569,567	60,040,952	13.3%	3.7%	2.5%
25 NUCLEAR	0	0	0	0	0.0%	0.0%	0.0%
26 OTHER	0	0	0	0	0.0%	0.0%	0.0%
27 TOTAL (MMBTU)	165,322,197	162,412,708	177,357,549	176,073,990	-1.8%	9.2%	-0.7%
<b>GENERATION MIX (% MWH)</b>							
28 HEAVY OIL <sup>(1)</sup>	0.37	0.41	0.12	0.06	-	-	-
29 LIGHT OIL <sup>(1)</sup>	0.43	0.37	0.27	0.28	-	-	-
30 COAL	61.19	55.64	57.97	57.23	-	-	-
31 NATURAL GAS	38.01	43.58	41.64	42.43	-	-	-
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>	34.82	50.26	60.36	60.77	44.3%	20.1%	0.7%
36 LIGHT OIL (\$/BBL) <sup>(1)</sup>	43.50	67.45	69.15	59.21	55.1%	2.5%	-14.4%
37 COAL (\$/TON)	49.13	52.62	58.70	60.82	7.1%	11.6%	3.6%
38 NATURAL GAS (\$/MCF)	7.39	9.72	9.68	10.00	31.5%	-0.4%	3.3%
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>	5.55	8.01	9.62	9.68	44.3%	20.1%	0.6%
42 LIGHT OIL <sup>(1)</sup>	7.64	11.99	12.05	13.77	56.9%	0.5%	14.3%
43 COAL	2.10	2.23	2.47	2.55	6.2%	10.8%	3.2%
44 NATURAL GAS	7.13	9.37	9.39	9.73	31.4%	0.2%	3.6%
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)	3.65	4.78	4.80	5.04	31.0%	0.4%	5.0%
<b>BTU BURNED PER KWH (BTU/KWH)</b>							
48 HEAVY OIL <sup>(1)</sup>	9,839	9,764	10,034	9,742	-0.8%	2.8%	-2.9%
49 LIGHT OIL <sup>(1)</sup>	9,520	10,473	12,460	10,730	10.0%	19.0%	-13.9%
50 COAL	10,659	10,827	10,817	10,709	1.6%	-0.1%	-1.0%
51 NATURAL GAS	7,488	7,461	7,480	7,519	-0.4%	0.3%	0.5%
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)	9,446	9,354	9,432	9,355	-1.0%	0.8%	-0.8%
<b>GENERATED FUEL COST PER KWH (cents/KWH)</b>							
55 HEAVY OIL <sup>(1)</sup>	5.46	7.82	9.65	9.43	43.2%	23.4%	-2.3%
56 LIGHT OIL <sup>(1)</sup>	7.27	12.55	15.02	14.77	72.0%	19.7%	-1.7%
57 COAL	2.24	2.41	2.67	2.73	7.6%	10.8%	2.2%
58 NATURAL GAS	5.34	6.99	7.03	7.32	30.9%	0.6%	4.1%
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)	3.45	4.47	4.53	4.71	29.6%	1.3%	4.0%

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