TECO
TAMPA ELECTRIC

BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 080001-EI

IN RE: FUEL & PURCHASED POWER COST RECOVERY

AND

CAPACITY COST RECOVERY

PROJECTIONS

JANUARY 2009 THROUGH DECEMBER 2009

TESTIMONY AND EXHIBIT

OF

CARLOS ALDAZABAL

# BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

## PREPARED DIRECT TESTIMONY

## OF

## CARLOS ALDAZABAL

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

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

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

**A.** I received a Bachelor of Science Degree in Accounting in 1991, and received a Masters of Accountancy in 1995 from the University of South Florida in Tampa. I am a CPA in the State of Florida and have accumulated 13 years of electric utility experience working in the areas of fuel and interchange accounting, surveillance reporting, budgeting and analysis, and cost recovery clause management. In April 1999, I joined Tampa Electric as Supervisor, Regulatory Accounting. In January 2004, I was promoted to Manager, Regulatory Affairs. My present responsibilities include managing cost recovery for fuel and purchased power, interchange sales, and capacity payments.

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

**A.** The purpose of my testimony is to present, for Commission review and approval, the proposed annual capacity cost recovery factors, the proposed annual levelized fuel and purchased power cost recovery factors including an inverted or two-tiered residential fuel charge to encourage energy efficiency and conservation and the projected wholesale incentive benchmark for January 2009 through December 2009. I will also describe significant events that affect the factors and provide an overview of the composite effect from the various cost recovery factors for 2009. Finally, my testimony addresses the projected capacity cost recovery factors that would become effective in May 2009 based on the company's rate design modification proposed in Docket No. 080317-EI.

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

**A.** Yes. Exhibit No. ____ (CA-3), consisting of three documents, was prepared under my direction and supervision. Document No. 1 is furnished as support for the projected capacity cost recovery factors utilizing existing retail class allocated cost of service and return studies as well as a proposed allocation methodology based on 12 Coincident Peak ("CP") and 25 percent Average Demand ("AD"). The proposed methodology is described in the direct testimony of William R. Ashburn submitted in Docket No. 080317-EI. Document No. 2, which is furnished as support for the proposed levelized fuel and purchased power cost recovery factors, is comprised of Schedules E1 through E10 for January 2009 through December 2009 as well as Schedule H1 for January through December, 2006 through 2009. Document No. 3 provides a comparison of retail residential fuel revenues under the proposed inverted or tiered fuel rate and the traditional levelized fuel rate, which demonstrates that the tiered rate is revenue neutral.

**Capacity Cost Recovery**

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

**A.** Yes. The capacity cost recovery factors, prepared under my direction and supervision, are provided in Exhibit No. ____ (CA-3), Document No. 1, pages 2 through 4. The capacity factors are annualized factors that are expected to apply for the period January through April 2009. Revised factors that illustrate the company's proposed rate design modifications are reflected on pages 5 through 7 of Document No. 1. Tampa Electric has requested an effective date of May 2009 for the change in capacity cost factors, coincident with the effective date of base rate modifications proposed in Docket No. 080317-EI.

**Q.** How will the proposed capacity cost recovery factors be impacted if the implementation date of the base rate adjustment is different than May 1, 2009?

**A.** The proposed capacity cost recovery factors starting January 1, 2009 are annualized factors. Therefore, those factors would remain in effect until the Commission approves the proposed changes submitted as part of Docket No. 080317-EI.

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

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

**Q.** Is Tampa Electric requesting recovery through the capacity clause for "post-9/11" incremental security costs?

**A.** No, the company is not requesting recovery of 2009 incremental security expenses as a result of the events of September 11, 2001 through the capacity cost recovery clause. As part of its request for a rate increase submitted in Docket No. 080317-EI, Tampa Electric proposes to move the incremental security expenses from the capacity cost recovery clause to base rates for recovery effective with May 2009 bills.

**Q.** Please summarize the proposed capacity cost recovery factors by metering voltage level for January 2009 through April 2009.

**A.**

| **Rate Schedule and <u>Metering Voltage</u>** | **Capacity Cost Recovery <u>Factor (cents per kWh)</u>** |
|---|---|
| RS Secondary | 0.580 |

| | |
|---|---|
| GS and TS Secondary | 0.547 |
| GSD | |
| Secondary | 0.429 |
| Primary | 0.425 |
| Transmission | 0.420 |
| GSLD and SBF | |
| Secondary | 0.377 |
| Primary | 0.373 |
| Transmission | 0.369 |
| IS-1, IS-3, SBI-1, SBI-3 | |
| Secondary | 0.035 |
| Primary | 0.035 |
| Transmission | 0.034 |
| SL-2, OL-1 and OL-3 | |
| Secondary | 0.089 |

These factors are shown in Exhibit No. ____ (CA-3), Document No. 1, page 4 of 8.

**Q.** How does Tampa Electric's proposed average capacity cost recovery factor of 0.467 cents per kWh compare to the factor for January 2008 through December 2008?

**A.** The proposed capacity cost recovery factor is 0.039 cents per kWh (or $0.39 per 1,000 kWh) higher than the average capacity cost recovery factor of 0.428 cents per kWh for the January 2008 through December 2008 period.

**Q.** Please describe the changes to the 2009 capacity cost recovery factors related to Tampa Electric's proposed rate design submitted in Docket No. 080317-EI.

**A.** As described in the direct testimony of William R. Ashburn filed in Docket No. 080317-EI on August 11, 2008, Tampa Electric proposes to combine all present demand rate schedules, which consist of General Service - Demand ("GSD"), General Service - Large Demand ("GSLD"), and Interruptible Service ("IS") into one new proposed GSD rate schedule. Additionally, the allocation of production demand costs according to the 12 CP and $1/13^{th}$ AD methodology, where $1/13^{th}$ or approximately eight percent of the demand costs is allocated on an energy basis, would be modified to 12 CP and 25 percent AD to better reflect cost causation, as shown in the company's 2009 Cost of Service Study. The new methodology helps ensure that the prices customers pay for electric service bear a reasonable relationship to the costs of providing that service.

**Q.** Are there any other proposed modifications that impact the capacity cost recovery factors?

**A.** Yes. It is more appropriate to recover capacity costs through a factor applied to billed kW demand for demand-measured customers because this recovery method will be consistent with the recovery of the production plant that otherwise would have been built. Therefore, Tampa Electric proposes to recover capacity costs from demand-measured customer classes on a dollar per kW basis rather than an energy basis.

**Q.** Has the Commission previously approved the recovery of capacity costs on a demand basis from demand-measured customers?

**A.** Yes. The Commission recognized the appropriateness of recovering capacity costs on a demand basis from demand measured customers in Order No. 25773 in Docket No. 910794-EQ. As a result of that order, Florida Power & Light began recovering capacity costs on a demand basis from demand-measured customers. Tampa Electric's proposed rate classes, including the new demand-based charges for GSD and Stand-by Firm ("SBF") customers, are reflected in the company's capacity cost recovery schedules effective from May 2009 through December 2009, as shown in Exhibit No. ____ (CA-3), Document No. 1, pages 5 through 7.

Q. Please summarize the proposed capacity cost recovery factors by metering voltage level for May 2009 through December 2009.

A.

| Rate Class and Metering Voltage | Capacity Cost Recovery Factor Cents per kWh | Capacity Cost Recovery Factor Cents per kW |
|---|---|---|
| RS Secondary | 0.534 | |
| GS and TS Secondary | 0.514 | |
| GSD, SBF Standard | | |
| Secondary | | 1.73 |
| Primary | | 1.71 |
| Transmission | | 1.70 |
| GSD Optional | | |
| Secondary | 0.410 | |
| Primary | 0.406 | |
| Transmission | 0.402 | |
| LS1 Secondary | 0.166 | |

These factors are shown in Exhibit No. ____ (CA-3), Document No. 1, page 7 of 8.

**Fuel and Purchased Power Cost Recovery Factor**

**Q.** What is the appropriate amount of the levelized fuel and purchased power cost recovery factor for the year 2009?

**A.** The appropriate amount for the 2009 period is 7.822 cents per kWh before any application of time of use multipliers for on-peak or off-peak usage. Schedule E1-E of Exhibit No. ____ (CA-3), Document No. 2, shows the appropriate value for the total fuel and purchased power cost recovery factor for each metering voltage level as projected for the period January 2009 through December 2009.

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

**A.** The Generating Performance Incentive Factor ("GPIF") and true-up factors are provided on Schedule E1-C. Tampa Electric has calculated a GPIF penalty of $849,634, which is included in the calculation of the total fuel and purchased power cost recovery factors. Additionally, E1-C indicates the net true-up amount for the January 2008 through December 2008 period. The net true-up amount for this period is an under-recovery of $208,773,232.

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

D.

**A.** Schedule E1-D presents Tampa Electric's on-peak and off-peak fuel adjustment factors for January 2009 through December 2009. The schedule also presents Tampa Electric's levelized fuel cost factors at each metering voltage level.

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

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

**Q.** Is Tampa Electric proposing a tiered rate structure for the fuel and purchased power cost recovery factor applicable to residential customers?

**A.** Yes. Due to the recent increases in fuel commodity prices, Tampa Electric is proposing a tiered rate structure in order to encourage energy efficiency and conservation. As shown on Schedule E1-E, the rate structure will result in a two-tiered fuel charge where usage in excess of 1,000 kWh is priced one cent per kWh more than the charge for a customer's usage up to 1,000 kWh. The company believes that a higher fuel factor for usage above 1,000 kWh will result in a shift in usage patterns by reducing usage in higher priced periods and will also encourage increased energy efficiency and conservation.

**Q.** Will the tiered fuel rate structure affect rate classes other than the residential rate class?

**A.** No. The tiered rate structure is only applicable to the residential class. Additionally, as shown in Exhibit No. ____ (CA-3), Document No. 3, the tiered rate structure is designed to be revenue neutral so that the company will recover the same fuel costs as it would under the traditional levelized fuel approach.

**Q.** Please summarize the proposed fuel and purchased power cost recovery factors by metering voltage level for January 2009 through December 2009.

**A.**

| **Metering Voltage Level** | **Fuel Charge Factor (cents per kWh)** |
|---|---|
| Secondary | 7.822 |
| Tier I (Up to 1,000 kWh) | 7.472 |

| | | |
|---|---|---|
| Tier II (Over 1,000 kWh) | 8.472 | |
| Distribution Primary | 7.744 | |
| Transmission | 7.666 | |
| Lighting Service | 7.498 | |
| | | |
| Distribution Secondary | 9.584 | (on-peak) |
| | 7.071 | (off-peak) |
| Distribution Primary | 9.488 | (on-peak) |
| | 7.000 | (off-peak) |
| Transmission | 9.392 | (on-peak) |
| | 6.930 | (off-peak) |

**Q.** How does Tampa Electric's proposed levelized fuel adjustment factor of 7.822 cents per kWh compare to the levelized fuel adjustment factor for the January 2008 through December 2008 period?

**A.** The proposed fuel charge factor is 2.603 cents per kWh (or $26.03 per 1,000 kWh) higher than the average fuel charge factor of 5.219 cents per kWh for the January 2008 through December 2008 period.

**Q.** Has Tampa Electric considered the impact of the higher fuel costs on customer bills?

**A.** Yes. On June 18, 2008, Tampa Electric notified its customers of the higher fuel costs the company was incurring and the impacts to rates as a result of the escalating costs. The company hopes that the six-month advance notice will allow customers to better plan and budget for the higher fuel costs in 2009. In addition, the company informed customers of the 12 new energy efficiency and conservation programs available to help customers minimize the impact of the price increase.

**Events Affecting the Projection Filing**

**Q.** Are there any significant events reflected in the calculation of the 2009 fuel and purchased power and capacity cost recovery projections?

**A.** Yes. There are two significant events. These are 1) the company's wholesale purchases; and 2) Tampa Electric's new coal transportation agreements.

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

**A.** Tampa Electric entered into or continued several cost-effective purchase agreements with Hardee Power Partners, Progress Energy Florida, Reliant Energy, Pasco Cogen, Calpine Energy Services, L.P., and qualifying facilities. The purchases improve supply reliability for retail ratepayers in 2008 and 2009 at reasonable and prudent costs. The direct testimony of Tampa Electric witness Benjamin F. Smith, II describes the purchases and demonstrates that the costs associated with the purchased power agreements are prudent and appropriate for recovery through the fuel and purchased power and capacity cost recovery clauses.

Tampa Electric also intends to enter into purchase agreements to replace lost generation capacity during the planned 2009 Big Bend scrubber outage.

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

**A.** In June and August of 2008, Tampa Electric signed new fuel transportation agreements that take effect beginning January 1, 2009. Under the new contracts, the company will have the ability to ship solid fuels directly to Big Bend Station via rail or water routes. The testimony of Tampa Electric witness Joann T. Wehle describes the transportation contracts that are effective beginning January 1, 2009. As stated in witness Wehle's testimony, the expected impact of the new agreements is an approximate average increase of $14 million in solid fuel transportation costs over the existing transportation agreement.

**Coal Transportation Agreement**

**Q.** In procuring transportation contracts, has Tampa Electric complied with the requirements of Order No. PSC-04-0999-FOF-EI, issued October 12, 2004, in Docket No. 031033-EI?

**A.** Yes. Tampa Electric adopted the requirements of the aforementioned Order to ensure an open and competitive RFP process. The company established and followed a schedule for procuring transportation services that provided the required time for each stage in the process. Tampa Electric provided an advance copy of the RFP to Staff and parties to the fuel docket and met with them to discuss the RFP. Additionally, meetings were held to update the parties and bidders and address any questions or concerns related to the process.

**Wholesale Incentive Benchmark Mechanism**

**Q.** What is Tampa Electric's projected wholesale incentive benchmark for 2009?

**A.** The company's projected 2009 benchmark is $816,969, which is the three-year average of $757,156, $799,040 and $894,710 in gains on the company's non-separated wholesale sales, excluding emergency sales, for 2006, 2007 and 2008 (estimated/actual), respectively.

**Q.** Does Tampa Electric expect gains in 2009 from non-separated wholesale sales to exceed its 2009 wholesale incentive benchmark?

**A.** No. Tampa Electric anticipates that sales will not exceed the projected benchmark for 2009. Therefore, all sales margins below the $816,969 threshold will flow back to customers.

**Cost Recovery Factors**

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

**A.** The composite effect on a residential bill for 1,000 kWh is an increase of $24.87 beginning January 2009. These charges are shown in Exhibit No. ____ (CA-3), Document No. 2, on Schedule E10. Additionally, the composite effect on a residential bill for 1,000 kWh would increase

$10.24 beginning May 2009 if the proposed changes related to the company's request for an increase in base rates in Docket No. 080317-EI are approved.

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

**A.** The new rates should go into effect concurrent with the first billing cycle for January 2009. Effective with the first billing cycle for May 2009, Tampa Electric proposes modified rates that reflect the company's new base rate charges and rate structure changes for Tampa Electric's commercial and industrial customers.

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

**A.** Yes, it does.

# EXHIBIT TO THE TESTIMONY OF

# CARLOS ALDAZABAL

# DOCUMENT NO. 1

# PROJECTED CAPACITY COST RECOVERY

# JANUARY 2009 - DECEMBER 2009

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2009 THROUGH APRIL 2009
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 | 54.27% | 9,068,656 | 1,908 | 1.08536 | 1.05482 | 9,565,824 | 2,071 | 45.53% | 57.36% |
| GS, TS | 57.68% | 1,090,649 | 216 | 1.08536 | 1.05482 | 1,150,441 | 234 | 5.48% | 6.48% |
| GSD | 74.86% | 5,629,887 | 858 | 1.08430 | 1.05426 | 5,935,356 | 930 | 28.25% | 25.75% |
| GSLD, SBF | 85.29% | 2,583,910 | 346 | 1.07227 | 1.04408 | 2,697,798 | 371 | 12.84% | 10.27% |
| IS-1&3, SBI-1&3 | NA | 1,393,108 | NA | NA | 1.02124 | 1,422,691 | NA | 6.77% | NA |
| SL/OL | 515.88% | 225,470 | 5 | 1.08536 | 1.05482 | 237,831 | 5 | 1.13% | 0.14% |
| TOTAL | | 19,991,680 | 3,333 | | | 21,009,941 | 3,611 | 100.00% | 100.00% |

(1) AVG 12 CP load factor based on 2009 projected calendar data.
(2) Projected MWH sales for the period Jan. 2009 thru Dec. 2009.
(3) Calculated: Col (2) / (8760*Col (1)).
(4) Based on 2009 projected demand losses.
(5) Based on 2009 projected 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 2009 THROUGH APRIL 2009**
**PROJECTED**

| | Estimated | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | January | February | March | April | May | June | July | August | September | October | November | December | Total |
| 1 UNIT POWER CAPACITY CHARGES | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 49,005,876 |
| 2 CAPACITY PAYMENTS TO COGENERATORS | 2,355,900 | 1,922,000 | 2,355,900 | 2,206,400 | 2,355,900 | 2,206,400 | 2,355,900 | 2,355,900 | 2,206,400 | 2,355,900 | 2,206,400 | 2,355,900 | 27,238,900 |
| 3 SECURITY COSTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 (UNIT POWER CAPACITY REVENUES) | (20,000) | (20,500) | (20,250) | (22,000) | (24,550) | (31,350) | (31,900) | (31,200) | (29,500) | (22,550) | (28,150) | (24,500) | (306,450) |
| 5 TOTAL CAPACITY DOLLARS | $6,419,723 | $5,985,323 | $6,419,473 | $6,268,223 | $6,415,173 | $6,258,873 | $6,407,823 | $6,408,523 | $6,260,723 | $6,417,173 | $6,262,073 | $6,415,223 | $75,938,326 |
| 6 SEPARATION FACTOR | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | |
| 7 JURISDICTIONAL CAPACITY DOLLARS | $6,188,443 | $5,769,693 | $6,188,202 | $6,042,401 | $6,184,057 | $6,033,388 | $6,176,972 | $6,177,646 | $6,035,171 | $6,185,985 | $6,036,472 | $6,184,105 | $73,202,535 |
| 8 ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD JAN. 2008 - DEC. 2008 | | | | | | | | | | | | | 19,828,942 |
| 9 TOTAL | | | | | | | | | | | | | $93,031,477 |
| 10 REVENUE TAX FACTOR | | | | | | | | | | | | | 1.00072 |
| 11 TOTAL RECOVERABLE CAPACITY DOLLARS | | | | | | | | | | | | | $93,098,459 |

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
JANUARY 2009 THROUGH APRIL 2009
PROJECTED

| RATE CLASS | (1) PERCENTAGE OF SALES AT GENERATION (%) | (2) PERCENTAGE OF DEMAND AT GENERATION (%) | (3) ENERGY RELATED COSTS ($) | (4) DEMAND RELATED COSTS ($) | (5) TOTAL CAPACITY COSTS ($) | (6) PROJECTED SALES AT METER (MWH) | (7) EFFECTIVE AT SECONDARY LEVEL (MWH) | (8) CAPACITY RECOVERY FACTOR ($/MWH) | (9) CAPACITY FACTOR AT PRIMARY ($/MWH) | (10) CAPACITY FACTOR AT TRANSMISSION ($/MWH) |
|---|---|---|---|---|---|---|---|---|---|---|
| RS | 45.53% | 57.36% | 3,259,616 | 49,294,718 | 52,554,334 | 9,068,656 | 9,068,656 | 5.80 | | |
| GS, TS | 5.48% | 6.48% | 392,328 | 5,568,859 | 5,961,187 | 1,090,649 | 1,090,649 | 5.47 | | |
| GSD | 28.25% | 25.75% | 2,022,494 | 22,129,341 | 24,151,835 | 5,629,887 | 5,628,510 | 4.29 | 4.25 | 4.20 |
| GSLD, SBF | 12.84% | 10.27% | 919,250 | 8,825,955 | 9,745,205 | 2,583,910 | 2,571,851 | 3.77 | 3.73 | 3.69 |
| IS-1&3, SBI-1&3 | 6.77% | NA | 484,683 | 0 | 484,683 | 1,393,108 | 1,371,631 | 0.35 | 0.35 | 0.34 |
| SL/OL | 1.13% | 0.14% | 80,900 | 120,315 | 201,215 | 225,470 | 225,470 | 0.89 | | |
| TOTAL | 100.00% | 100.00% | 7,159,271 | 85,939,188 | 93,098,459 | 19,991,680 | 19,956,767 | 4.67 | | |
| | | | 7.69% | 92.31% | | | | | | |

22

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.

**TAMPA ELECTRIC COMPANY**
**CAPACITY COST RECOVERY CLAUSE**
**CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS**
**MAY 2009 THROUGH DECEMBER 2009**
**PROJECTED**

| RATE CLASS | (1) AVG 12 CP LOAD FACTOR AT METER (%) | (2) PROJECTED SALES AT METER (MWH) | (3) PROJECTED AVG 12 CP AT METER (MW) | (4) DEMAND LOSS EXPANSION FACTOR | (5) ENERGY LOSS EXPANSION FACTOR | (6) PROJECTED SALES AT GENERATION (MWH) | (7) PROJECTED AVG 12 CP AT GENERATION (MW) | (8) PERCENTAGE OF SALES AT GENERATION (%) | (9) PERCENTAGE OF DEMAND AT GENERATION (%) |
|---|---|---|---|---|---|---|---|---|---|
| RS | 54.27% | 6,488,202 | 1,908 | 1.08536 | 1.05482 | 6,843,902 | 2,071 | 45.53% | 54.83% |
| GS, TS | 57.68% | 772,175 | 216 | 1.08536 | 1.05482 | 814,508 | 234 | 5.48% | 6.19% |
| Net Transfers | | (32,544) | (8) | 1.08536 | 1.05482 | (34,319) | (9) | -0.25% | -0.24% |
| GSD, SBF | 80.40% | 6,437,446 | 1,315 | 1.07602 | 1.04673 | 6,738,254 | 1,415 | 46.16% | 37.45% |
| Net Transfers | | 32,544 | 8 | 1.08536 | 1.05482 | 34,319 | 9 | 0.25% | 0.24% |
| GSD Optional | | 237,447 | 49 | 1.07602 | 1.04673 | 248,542 | 53 | 1.70% | 1.40% |
| LS1 | 515.88% | 150,739 | 5 | 1.08536 | 1.05482 | 159,003 | 5 | 1.13% | 0.13% |
| TOTAL | | 14,086,009 | 3,493 | | | 14,804,209 | 3,778 | 100.00% | 100.00% |

(1) AVG 12 CP load factor based on 2009 projected calendar data.
(2) Projected MWH sales for the period May 2009 thru Dec. 2009.
(3) Based on 12 months average CP at meter.
(4) Based on 2009 projected demand losses.
(5) Based on 2009 projected energy losses.
(6) Col (2) * Col (5).
(7) Col (3) * Col (4).
(8) Based on 12 months average percentage of sales at generation.
(9) Based on 12 months average percentage of demand at generation.

NOTES:
Net transfers due to restucturing of rate classes from 50 kW to 9,000 kWh's per month.
Assumes Tampa Electric's rate design utilizing 12 CP and 25 percent AD as proposed in the testimony of William R. Ashburn in Docket No. 080317-EI is approved.

TAMPA ELECTRIC COMPANY
CAPACITY COST RECOVERY CLAUSE
CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
MAY 2009 THROUGH DECEMBER 2009
PROJECTED

| | | May | June | July | August | September | October | November | December | Total |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | UNIT POWER CAPACITY CHARGES | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 4,083,823 | 32,670,584 |
| 2 | CAPACITY PAYMENTS TO COGENERATORS | 2,355,900 | 2,206,400 | 2,355,900 | 2,355,900 | 2,206,400 | 2,355,900 | 2,206,400 | 2,355,900 | 18,398,700 |
| 3 | SECURITY COSTS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | (UNIT POWER CAPACITY REVENUES) | (24,550) | (31,350) | (31,900) | (31,200) | (29,500) | (22,550) | (28,150) | (24,500) | (223,700) |
| 5 | TOTAL CAPACITY DOLLARS | $6,415,173 | $6,258,873 | $6,407,823 | $6,408,523 | $6,260,723 | $6,417,173 | $6,262,073 | $6,415,223 | $50,845,584 |
| 6 | SEPARATION FACTOR | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | 0.9639735 | |
| 7 | JURISDICTIONAL CAPACITY DOLLARS | $6,184,057 | $6,033,388 | $6,176,972 | $6,177,646 | $6,035,171 | $6,185,985 | $6,036,472 | $6,184,105 | $49,013,796 |
| 8 | ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD JAN. 2008 - DEC. 2008 | | | | | | | | | 16,865,545 |
| 9 | TOTAL | | | | | | | | | $65,879,341 |
| 10 | REVENUE TAX FACTOR | | | | | | | | | 1.00072 |
| 11 | TOTAL RECOVERABLE CAPACITY DOLLARS | | | | | | | | | $65,926,774 |

NOTE:
Assumes Tampa Electric's rate design utilizing 12 CP and 25 percent AD as proposed in the testimony of William R. Ashburn in Docket No. 080317-EI is approved.

25

# TAMPA ELECTRIC COMPANY
## CAPACITY COST RECOVERY CLAUSE
## CALCULATION OF ENERGY & DEMAND ALLOCATION BY RATE CLASS
## MAY 2009 THROUGH DECEMBER 2009
## PROJECTED

| RATE CLASS | (1) PERCENTAGE OF SALES AT GENERATION (%) | (2) PERCENTAGE OF DEMAND AT GENERATION (%) | (3) ENERGY RELATED COSTS ($) | (4) DEMAND RELATED COSTS ($) | (5) TOTAL CAPACITY COSTS ($) | (6) PROJECTED SALES AT METER (MWH) | (7) EFFECTIVE AT SECONDARY LEVEL (MWH) | (8) BILLING KW LOAD FACTOR (%) | (9) PROJECTED BILLED KW AT METER (kw) | (10) CAPACITY RECOVERY FACTOR ($/kw) | (11) CAPACITY RECOVERY FACTOR ($/kwh) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| RS | 45.53% | 54.83% | 7,504,115 | 27,110,738 | 34,614,853 | 6,488,202 | 6,488,202 | | | | 0.00534 |
| GS, TS | 5.23% | 5.95% | 861,993 | 2,941,982 | 3,803,975 | 739,631 | 739,631 | | | | 0.00514 |
| GSD, SBF | | | | | | | | | | | |
| Secondary | | | | | | 4,653,523 | 4,653,523 | | | 1.73 | |
| Primary | | | | | | 1,305,384 | 1,292,330 | | | 1.71 | |
| Transmission | | | | | | 511,083 | 500,862 | | | 1.70 | |
| GSD, SBF - Standard | 46.41% | 37.69% | 7,649,154 | 18,635,851 | 26,285,005 | 6,469,990 | 6,446,715 | 58.12% | 15,194,623 | | |
| GSD - Optional | 1.70% | 1.40% | 280,189 | 692,231 | 972,420 | 224,285 | 224,285 | | | | 0.00410 |
| Secondary | | | | | | 13,162 | 13,030 | | | | 0.00406 |
| Primary | | | | | | - | - | | | | 0.00402 |
| Transmission | | | | | | | | | | | |
| LS1 | 1.13% | 0.13% | 186,243 | 64,279 | 250,522 | 150,739 | 150,739 | | | | 0.00166 |
| TOTAL | 100.00% | 100.00% | 16,481,694 | 49,445,081 | 65,926,775 | 14,086,009 | 14,062,602 | | | | 0.00469 |

(1) Obtained from page 1.
(2) Obtained from page 1.
(3) Total capacity costs / .25 * Col (1).
(4) Total capacity costs / .75 * Col (2).
(5) Col (3) + Col (4).
(6) Projected kWh sales for the period May through December 2009.
(7) Projected kWh sales at secondary for the period May through December 2009.
(8) (kWh sales / 730)/((billed kw)(1000)).
(9) Col (7) / ((Col (8) * 730)*1000.
(10) Total Col (5) / Total Col (9).
(11) {Col (5) / Total Col (7)} / 1000.

NOTE:
Assumes Tampa Electric's rate design utilizing 12 CP and 25 percent AD as proposed in the testimony of William R. Ashburn in Docket No. 080317-EI is approved.

REDACTED

TAMPA ELECTRIC COMPANY
CAPACITY COSTS
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009

SCHEDULE E12

| CONTRACT | TERM START | TERM END | CONTRACT TYPE |
|---|---|---|---|
| MCKAY BAY REFUSE | 8/26/1982 | 7/31/2011 | QF |
| ORANGE COGEN LP | 4/17/1989 | 12/31/2015 | QF |
| HILLSBOROUGH COUNTY | 1/10/1985 | 3/1/2010 | QF |
| HARDEE POWER PARTNERS | 1/1/1993 | 12/31/2012 | LT |
| SEMINOLE ELECTRIC | 6/1/1992 | ** | LT |
| CALPINE | 5/1/2006 | 4/30/2011 | LT |
| RELIANT | 1/1/2009 | 5/31/2012 | LT |
| PASCO COGEN | 1/1/2009 | 12/31/2018 | LT |

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

| CONTRACT | JANUARY MW | FEBRUARY MW | MARCH MW | APRIL MW | MAY MW | JUNE MW | JULY MW | AUGUST MW | SEPTEMBER MW | OCTOBER MW | NOVEMBER MW | DECEMBER MW |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MCKAY BAY REFUSE | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 | 19.0 |
| HILLSBOROUGH COUNTY | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| ORANGE COGEN LP | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 | 23.0 |
| HARDEE POWER PARTNERS | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 | 441.0 |
| SEMINOLE ELECTRIC | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| CALPINE | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 | 170.0 |
| RELIANT | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 | 158.0 |
| PASCO COGEN | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 | 121.0 |

26

| CAPACITY YEAR 2009 | JANUARY ($) | FEBRUARY ($) | MARCH ($) | APRIL ($) | MAY ($) | JUNE ($) | JULY ($) | AUGUST ($) | SEPTEMBER ($) | OCTOBER ($) | NOVEMBER ($) | DECEMBER ($) | TOTAL ($) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MCKAY BAY REFUSE | 359,400 | 293,200 | 359,400 | 336,600 | 359,400 | 336,600 | 359,400 | 359,400 | 336,600 | 359,400 | 336,600 | 359,400 | 4,155,400 |
| HILLSBOROUGH COUNTY | 1,088,300 | 887,900 | 1,088,300 | 1,019,300 | 1,088,300 | 1,019,300 | 1,088,300 | 1,088,300 | 1,019,300 | 1,088,300 | 1,019,300 | 1,088,300 | 12,583,200 |
| ORANGE COGEN LP | 908,200 | 740,900 | 908,200 | 850,500 | 908,200 | 850,500 | 908,200 | 908,200 | 850,500 | 908,200 | 850,500 | 908,200 | 10,500,300 |
| TOTAL COGENERATION | 2,355,900 | 1,922,000 | 2,355,900 | 2,206,400 | 2,355,900 | 2,206,400 | 2,355,900 | 2,355,900 | 2,206,400 | 2,355,900 | 2,206,400 | 2,355,900 | 27,238,900 |
| HARDEE POWER PARTNERS | [redacted] | | | | | | | | | | | | |
| CALPINE - D | [redacted] | | | | | | | | | | | | |
| RELIANT ENERGY SERVICES - D | [redacted] | | | | | | | | | | | | |
| PASCO COGEN - D | [redacted] | | | | | | | | | | | | |
| SUBTOTAL CAPACITY PURCHASES | [redacted] | | | | | | | | | | | | |
| SEMINOLE ELECTRIC - D | [redacted] | | | | | | | | | | | | |
| VARIOUS MARKET BASED | [redacted] | | | | | | | | | | | | |
| SUBTOTAL CAPACITY SALES | [redacted] | | | | | | | | | | | | |
| TOTAL PURCHASES AND (SALES) | 4,063,823 | 4,063,323 | 4,063,573 | 4,061,823 | 4,059,273 | 4,052,473 | 4,051,923 | 4,052,623 | 4,054,323 | 4,061,273 | 4,055,673 | 4,059,323 | 48,699,426 |
| TOTAL CAPACITY | $6,419,723 | $5,985,323 | $6,419,473 | $6,268,223 | $6,415,173 | $6,258,873 | $6,407,823 | $6,408,523 | $6,260,723 | $6,417,173 | $6,262,073 | $6,415,223 | $75,938,326 |

Docket No. 080001-EI
FAC 2009 Projection Filing
Exhibit CA-3
Document No. 2

# EXHIBIT TO THE TESTIMONY OF

# CARLOS ALDAZABAL

## DOCUMENT NO. 2

## PROJECTED FUEL AND PURCHASED POWER COST RECOVERY
## JANUARY 2009 - DECEMBER 2009

## SCHEDULES E1 THROUGH E10
## SCHEDULE H1

## TAMPA ELECTRIC COMPANY

## TABLE OF CONTENTS

**TAMPA ELECTRIC COMPANY**
**FUEL AND PURCHASED POWER**
**COST RECOVERY CLAUSE CALCULATION**
**ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009**

SCHEDULE E1

| | DOLLARS | MWH | CENTS/KWH |
|---|---|---|---|
| 1. Fuel Cost of System Net Generation (E3) | 1,181,824,884 | 19,101,115 | 6.18720 |
| 2. Nuclear Fuel Disposal Cost | 0 | 0 | 0.00000 |
| 3. Coal Car Investment | 0 | 0 | 0.00000 |
| 4a. Adjustments to Fuel Cost (Wauchula Wheeling) | (72,312) | 19,101,115 (1) | (0.00038) |
| 4b. Adjustments to Fuel Cost | 0 | 19,101,115 (1) | 0.00000 |
| **5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4b)** | **1,181,752,572** | **19,101,115** | **6.18683** |
| 6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7) | 77,903,000 | 591,468 | 13.17113 |
| 7. Energy Cost of Economy Purchases (E9) | 78,685,100 | 1,126,461 | 6.98516 |
| 8. Demand and Non-Fuel Cost of Purchased Power | 0 | 0 | 0.00000 |
| 9. Energy Payments to Qualifying Facilities (E8) | 67,477,100 | 1,035,065 | 6.51912 |
| **10. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 9)** | **224,065,200** | **2,752,994** | **8.13896** |
| **11. TOTAL AVAILABLE KWH (LINE 5 + LINE 10)** | | 21,854,109 | |
| 12. *Fuel Cost of Schedule D Sales - Jurisd. (E6)* | 1,262,600 | 18,055 | 6.99308 |
| 13. Fuel Cost of Market Based Sales - Jurisd. (E6) | 1,804,400 | 39,541 | 4.56336 |
| 14. Gains on Sales | 718,000 | NA | NA |
| **15. TOTAL FUEL COST AND GAINS OF POWER SALES** | **3,785,000** | **57,596** | **6.57164** |
| 16. Net Inadvertant Interchange | | 0 | |
| 17. Wheeling Received Less Wheeling Delivered | | 0 | |
| 18. Interchange and Wheeling Losses | | 1,100 | |
| **19. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5+10-15+16+17-18)** | **1,402,032,772** | **21,795,413** | **6.43270** |
| 20. Net Unbilled | NA (1)(a) | NA (a) | NA |
| 21. *Company Use* | 2,315,772 (1) | 36,000 | 0.01115 |
| 22. T & D Losses | 64,289,111 (1) | 999,411 | 0.30968 |
| 23. System MWH Sales | 1,402,032,772 | 20,760,002 | 6.75353 |
| 24. Wholesale MWH Sales | (51,995,734) | (768,322) | 6.76744 |
| 25. Jurisdictional MWH Sales | 1,350,037,038 | 19,991,680 | 6.75299 |
| 26. Jurisdictional Loss Multiplier | | | 1.00136 |
| 27. Jurisdictional MWH Sales Adjusted for Line Loss | 1,351,872,824 | 19,991,680 | 6.76218 |
| 28. True-up (2) | 208,773,232 | 19,991,680 | 1.04430 |
| 29. Total Jurisdictional Fuel Cost (Excl. GPIF and Incl. WCT) | 1,560,646,056 | 19,991,680 | 7.80648 |
| 30. Revenue Tax Factor | | | 1.00072 |
| 31. Fuel Factor (Excl. GPIF) Adjusted for Taxes | 1,561,769,721 | 19,991,680 | 7.81210 |
| 32. GPIF Adjusted for Taxes (2) | (849,634) | 19,991,680 | (0.00425) |
| **33. Fuel Factor Adjusted for Taxes Including GPIF** | 1,560,920,087 | 19,991,680 | 7.80785 |
| **34. Fuel Factor Rounded to Nearest .001 cents per KWH** | | | 7.808 |

(a) Data not available at this time.
(1) Included For Informational Purposes Only
(2) *Calculation Based on Jurisdictional KWH Sales*

**TAMPA ELECTRIC COMPANY**
**CALCULATION OF PROJECTED PERIOD TOTAL TRUE-UP**
**FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009**

SCHEDULE E1-A

| | | |
|---|---|---|
| 1. | ESTIMATED OVER/(UNDER) RECOVERY (SCH. E1-B)<br>January 2008 - December 2008 (6 months actual, 6 months estimated ) | ($187,652,105) |
| 2. | FINAL TRUE-UP (January 2007 - December 2007)<br>*(Per True-Up filed March 3, 2008)* | (21,121,127) |
| 3. | TOTAL OVER/(UNDER) RECOVERY (Line 1 + Line 2)<br>To be included in the 12-month projected period January 2009 through December 2009<br>(Schedule E1, line 28) | ($208,773,232) |
| 4. | JURISDICTIONAL MWH SALES<br>(Projected January 2009 through December 2009) | 19,991,680 |
| 5. | TRUE-UP FACTOR - cents/kWh (Line 3 / Line 4 * 100 cents / 1,000 kWh) | **1.0443** |

SCHEDULE E1-C

**TAMPA ELECTRIC COMPANY**
**INCENTIVE FACTOR AND TRUE-UP FACTOR**
**FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009**

| | | | |
|---|---|---|---|
| 1. | TOTAL AMOUNT OF ADJUSTMENTS | | |
| | A. GENERATING PERFORMANCE INCENTIVE REWARD / (PENALTY) (January 2009 through December 2009) | ($849,634) | |
| | B. TRUE-UP OVER / (UNDER) RECOVERED (January 2008 through December 2008) | ($208,773,232) | |
| 2. | TOTAL SALES (January 2009 through December 2009) | 19,991,680 | MWh |
| 3. | ADJUSTMENT FACTORS | | |
| | A. GENERATING PERFORMANCE INCENTIVE FACTOR | **(0.0042)** | Cents/kWh |
| | B. TRUE-UP FACTOR | **1.0443** | Cents/kWh |

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

SCHEDULE E1-D

**ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009**

1. COST RATIO
ON-PEAK COST / OFF-PEAK COST = $\dfrac{7.346}{5.420}$ = 1.3554

2. SALES/GENERATION

29.87 % ON-PEAK

70.13 % 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)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 7.8220 | = | 0.2987 | * | 1.3554 | Y + | 0.7013 | Y |
| 7.8220 | = | 1.1062 | * | Y | | | |
| 7.0711 | = | Y | | | | | |

where Y = OFF-PEAK FACTOR and

| | | | | |
|---|---|---|---|---|
| X | = | 1.3554 | Y | |
| X | = | 1.3554 | * | 7.0711 |
| X | = | 9.5842 | | |

where X = ON-PEAK FACTOR

| | | ON-PEAK | OFF-PEAK | |
|---|---|---|---|---|
| **4.** | **FUEL COST (CENTS/KWH)** | **9.5842** | **7.0711** | |
| **5.** | **FUEL FACTOR (CENTS/KWH, NEAREST 0.001)** | **9.584** | **7.071** | |
| 6. | Total Jurisdictional fuel cost adjusted for taxes including GPIF (Schedule E1 line 33) | | | 1,560,920,087 |
| 7. | Jurisdictional MWH Sales (Schedule E1 line 33) | | | 19,991,680 |
| 8. | Jurisdictional Cost per Kwh Sold (Line 6 / Line 7 / 10) | | | 7.808 |
| 9. | Effective Jurisdictional Sales (See Below) | | | 19,956,767 |

LEVELIZED FUEL FACTORS

| | | | |
|---|---|---|---|
| 10. | Fuel Factor at Secondary Metering (Line 6 / Line 9 / 10) | Cents/kwh | 7.822 |
| 11. | Fuel Factor at Primary Metering (Line 10 * 99%) | Cents/kwh | 7.744 |
| 12. | Fuel Factor at Transmission Metering (Line 10 * 98%) | Cents/kwh | 7.666 |

*TIERED FUEL FACTORS*

| | | | |
|---|---|---|---|
| 13. | Fuel Factor - First Tier (Up to 1000 kWh) | Cents/kwh | 7.472 |
| 14. | *Fuel Factor - Second Tier (Over 1000 kWh)* | Cents/kwh | 8.472 |

| | Jurisdictional Sales (MWH) | |
|---|---|---|
| *Metering Voltage:* | Meter | Secondary |
| Distribution Secondary | 17,266,979 | 17,266,979 |
| Distribution Primary | 1,958,076 | 1,938,495 |
| Transmission | 766,625 | 751,293 |
| Total | 19,991,680 | 19,956,767 |

SCHEDULE E1-E

TAMPA ELECTRIC COMPANY
FUEL COST RECOVERY FACTORS
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009

| METERING VOLTAGE LEVEL | LEVELIZED FUEL RECOVERY FACTOR cents/kWh | FIRST TIER ( Up to 1000 kWh ) cents/kWh | SECOND TIER ( OVER 1000 kWh ) cents/kWh |
|---|---|---|---|
| **STANDARD** | | | |
| Distribution Secondary (RS only) | | 7.472 | 8.472 |
| Distribution Secondary | 7.822 | | |
| Distribution Primary | 7.744 | | |
| Transmission | 7.666 | | |
| Lighting Service [1] | 7.498 | | |
| **TIME-OF-USE** | | | |
| Distribution Secondary - On-Peak | 9.584 | | |
| Distribution Secondary - Off-Peak | 7.071 | | |
| Distribution Primary - On-Peak | 9.488 | | |
| Distribution Primary - Off-Peak | 7.000 | | |
| Transmission - On-Peak | 9.392 | | |
| Transmission - Off-Peak | 6.930 | | |

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

SCHEDULE E2

**TAMPA ELECTRIC COMPANY**
**FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION**
**ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009**

| | | (a) | (b) | (c) | (d) | (e) | (f) ESTIMATED | (g) | (h) | (i) | (j) | (k) | (l) | (m) TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 | PERIOD |
| 1. | Fuel Cost of System Net Generation | 89,899,547 | 87,517,404 | 86,239,586 | 89,087,402 | 109,871,718 | 108,944,609 | 117,274,008 | 118,281,315 | 106,904,923 | 98,090,138 | 76,128,696 | 93,585,538 | 1,181,824,884 |
| 2. | Nuclear Fuel Disposal | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. | Fuel Cost of Power Sold [1] | 206,967 | 171,767 | 145,767 | 130,267 | 217,467 | 509,967 | 467,367 | 422,167 | 460,667 | 208,667 | 476,167 | 367,767 | 3,785,000 |
| 4. | Fuel Cost of Purchased Power | 18,260,000 | 4,972,900 | 4,876,500 | 4,027,600 | 7,854,000 | 6,105,700 | 8,670,100 | 10,073,900 | 5,622,900 | 2,346,700 | 1,006,200 | 4,086,500 | 77,903,000 |
| 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 | 4,064,000 | 5,752,600 | 6,237,100 | 6,066,700 | 6,127,100 | 5,365,500 | 6,074,900 | 6,082,400 | 5,429,600 | 5,780,100 | 4,829,000 | 5,668,100 | 67,477,100 |
| 7. | Energy Cost of Economy Purchases | 7,209,800 | 6,433,400 | 7,130,000 | 6,413,100 | 6,816,200 | 6,124,000 | 7,102,500 | 7,282,200 | 5,988,400 | 6,833,900 | 4,955,700 | 6,395,900 | 78,685,100 |
| 8a. | Adj. to Fuel Cost (Ft. Meade/Wauchula Wheeling) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (6,026) | (72,312) |
| 8b. | Adj. To Fuel Cost | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 9. | **TOTAL FUEL & NET POWER TRANSACTIONS** | 119,220,354 | 104,498,511 | 104,331,393 | 105,458,509 | 130,445,525 | 126,023,816 | 138,648,115 | 141,291,622 | 123,479,130 | 112,836,145 | 86,437,403 | 109,362,245 | 1,402,032,772 |
| 10. | Jurisdictional MWH Sold | 1,589,826 | 1,440,340 | 1,404,225 | 1,471,280 | 1,616,201 | 1,844,299 | 1,933,410 | 1,922,621 | 1,955,991 | 1,762,209 | 1,516,639 | 1,534,639 | 19,991,680 |
| 11. | Jurisdictional % of Total Sales | 0.9616612 | 0.9609826 | 0.9596958 | 0.9586978 | 0.9612605 | 0.9667369 | 0.9641476 | 0.9607417 | 0.9660436 | 0.9610027 | 0.9636533 | 0.9699252 | |
| 12. | Jurisdictional Total Fuel & Net Power Transactions (Line 9 * Line 11) | 114,649,589 | 100,421,251 | 100,126,400 | 101,102,841 | 125,392,131 | 121,831,874 | 133,677,248 | 135,744,753 | 119,286,224 | 108,435,840 | 83,295,689 | 106,073,198 | 1,350,037,038 |
| 13. | Jurisdictional Loss Multiplier | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | 1.00136 | |
| 14. | ***JURISD. TOTAL FUEL & NET PWR. TRANS.*** Adjusted for Line Losses (Line 12 * Line 13) | 114,805,490 | 100,557,804 | 100,262,552 | 101,240,321 | 125,562,640 | 121,997,541 | 133,859,023 | 135,929,339 | 119,448,430 | 108,583,291 | 83,408,955 | 106,217,437 | 1,351,872,823 |
| 15. | Cost Per kWh Sold (Cents/kWh) | 7.2213 | 6.9815 | 7.1401 | 6.8811 | 7.7690 | 6.6148 | 6.9235 | 7.0700 | 6.1068 | 6.1618 | 5.4996 | 6.9213 | 6.7622 |
| 16. | True-up (Cents/kWh) [2] | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 | 1.0443 |
| 17. | Total (Cents/kWh) (Line 15+16) | 8.2656 | 8.0258 | 8.1844 | 7.9254 | 8.8133 | 7.6591 | 7.9678 | 8.1143 | 7.1511 | 7.2061 | 6.5439 | 7.9656 | 7.8065 |
| 18. | Revenue Tax Factor | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 | 1.00072 |
| 19. | *Recovery Factor Adjusted for Taxes (Cents/kWh)* (Excluding GPIF) | 8.2716 | 8.0316 | 8.1903 | 7.9311 | 8.8196 | 7.6646 | 7.9735 | 8.1201 | 7.1562 | 7.2113 | 6.5486 | 7.9713 | 7.8121 |
| 20. | GPIF Adjusted for Taxes (Cents/kWh) [2] | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) | (0.0042) |
| 21. | **TOTAL RECOVERY FACTOR (LINE 19+20)** | 8.2674 | 8.0274 | 8.1861 | 7.9269 | 8.8154 | 7.6604 | 7.9693 | 8.1159 | 7.1520 | 7.2071 | 6.5444 | 7.9671 | 7.8079 |
| 22. | **RECOVERY FACTOR ROUNDED TO NEAREST 0.001 CENTS/KWH** | 8.267 | 8.027 | 8.186 | 7.927 | 8.815 | 7.660 | 7.969 | 8.116 | 7.152 | 7.207 | 6.544 | 7.967 | 7.808 |

[1] Includes Gains
[2] Based on Jurisdictional Sales Only

34

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH JUNE 2009

SCHEDULE E3

| | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 |
|---|---|---|---|---|---|---|
| FUEL COST OF SYSTEM NET GENERATION ($) | | | | | | |
| 1. HEAVY OIL | 213,634 | 1,069 | 749 | 1,384 | 4,173 | 4,926 |
| 2. LIGHT OIL | 1,265,370 | 18,886 | 1,083,793 | 1,421,121 | 1,468,163 | 1,416,401 |
| 3. COAL | 29,110,051 | 23,324,501 | 30,672,816 | 28,988,352 | 32,802,939 | 41,786,667 |
| 4. NATURAL GAS | 59,310,492 | 64,172,948 | 54,482,228 | 58,676,545 | 75,596,443 | 65,736,615 |
| 5. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. TOTAL ($) | 89,899,547 | 87,517,404 | 86,239,586 | 89,087,402 | 109,871,718 | 108,944,609 |
| SYSTEM NET GENERATION (MWH) | | | | | | |
| 8. HEAVY OIL | 1,180 | 7 | 5 | 8 | 25 | 29 |
| 9. LIGHT OIL | 4,014 | 52 | 3,641 | 4,625 | 4,759 | 4,534 |
| 10. COAL | 813,284 | 630,875 | 824,080 | 750,474 | 825,294 | 1,049,013 |
| 11. NATURAL GAS | 550,670 | 642,209 | 549,675 | 652,134 | 866,739 | 759,968 |
| 12. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 13. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 14. TOTAL (MWH) | 1,369,148 | 1,273,143 | 1,377,401 | 1,407,241 | 1,696,817 | 1,813,544 |
| UNITS OF FUEL BURNED | | | | | | |
| 15. HEAVY OIL (BBL) | 1,825 | 10 | 7 | 12 | 39 | 46 |
| 16. LIGHT OIL (BBL) | 9,906 | 2,078 | 8,617 | 10,808 | 11,411 | 11,061 |
| 17. COAL (TON) | 362,096 | 285,294 | 366,239 | 328,433 | 362,315 | 467,380 |
| 18. NATURAL GAS (MCF) | 4,044,500 | 4,580,900 | 4,005,300 | 4,773,300 | 6,369,600 | 5,607,100 |
| 19. NUCLEAR (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 20. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| BTUS BURNED (MMBTU) | | | | | | |
| 21. HEAVY OIL | 11,465 | 65 | 49 | 78 | 246 | 290 |
| 22. LIGHT OIL | 45,214 | 613 | 38,734 | 49,387 | 50,723 | 48,611 |
| 23. COAL | 8,726,506 | 6,737,990 | 8,806,483 | 7,947,039 | 8,753,734 | 11,232,203 |
| 24. NATURAL GAS | 4,157,636 | 4,709,201 | 4,117,522 | 4,907,089 | 6,548,145 | 5,764,101 |
| 25. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 26. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 27. TOTAL (MMBTU) | 12,940,821 | 11,447,869 | 12,962,788 | 12,903,593 | 15,352,848 | 17,045,205 |
| GENERATION MIX (% MWH) | | | | | | |
| 28. HEAVY OIL | 0.09 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 29. LIGHT OIL | 0.29 | 0.00 | 0.26 | 0.33 | 0.28 | 0.25 |
| 30. COAL | 59.40 | 49.56 | 59.83 | 53.33 | 48.64 | 57.84 |
| 31. NATURAL GAS | 40.22 | 50.44 | 39.91 | 46.34 | 51.08 | 41.91 |
| 32. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34. TOTAL ( % ) | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| FUEL COST PER UNIT | | | | | | |
| 35. HEAVY OIL ($/BBL) | 117.06 | 106.90 | 107.00 | 115.33 | 107.00 | 107.09 |
| 36. LIGHT OIL ($/BBL) | 127.74 | 9.09 | 125.77 | 131.49 | 128.66 | 128.05 |
| 37. COAL ($/TON) | 80.39 | 81.76 | 83.75 | 88.26 | 90.54 | 89.41 |
| 38. NATURAL GAS ($/MCF) | 14.66 | 14.01 | 13.60 | 12.29 | 11.87 | 11.72 |
| 39. NUCLEAR ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| FUEL COST PER MMBTU ($/MMBTU) | | | | | | |
| 41. HEAVY OIL | 18.63 | 16.45 | 15.29 | 17.74 | 16.96 | 16.99 |
| 42. LIGHT OIL | 27.99 | 30.81 | 27.98 | 28.78 | 28.94 | 29.14 |
| 43. COAL | 3.34 | 3.46 | 3.48 | 3.65 | 3.75 | 3.72 |
| 44. NATURAL GAS | 14.27 | 13.63 | 13.23 | 11.96 | 11.54 | 11.40 |
| 45. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 46. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 47. TOTAL ($/MMBTU) | 6.95 | 7.64 | 6.65 | 6.90 | 7.16 | 6.39 |
| BTU BURNED PER KWH (BTU/KWH) | | | | | | |
| 48. HEAVY OIL | 9,716 | 9,286 | 9,800 | 9,750 | 9,840 | 10,000 |
| 49. LIGHT OIL | 11,264 | 11,788 | 10,638 | 10,678 | 10,658 | 10,721 |
| 50. COAL | 10,730 | 10,680 | 10,686 | 10,589 | 10,607 | 10,707 |
| 51. NATURAL GAS | 7,550 | 7,333 | 7,491 | 7,525 | 7,555 | 7,585 |
| 52. NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 |
| 53. OTHER | 0 | 0 | 0 | 0 | 0 | 0 |
| 54. TOTAL (BTU/KWH) | 9,452 | 8,992 | 9,411 | 9,169 | 9,048 | 9,399 |
| GENERATED FUEL COST PER KWH (CENTS/KWH) | | | | | | |
| 55. HEAVY OIL | 18.10 | 15.27 | 14.98 | 17.30 | 16.69 | 16.99 |
| 56. LIGHT OIL | 31.52 | 36.32 | 29.77 | 30.73 | 30.85 | 31.24 |
| 57. COAL | 3.58 | 3.70 | 3.72 | 3.86 | 3.97 | 3.98 |
| 58. NATURAL GAS | 10.77 | 9.99 | 9.91 | 9.00 | 8.72 | 8.65 |
| 59. NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 60. OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61. TOTAL (CENTS/KWH) | 6.57 | 6.87 | 6.26 | 6.33 | 6.48 | 6.01 |

TAMPA ELECTRIC COMPANY
GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
ESTIMATED FOR THE PERIOD: JULY 2009 THROUGH DECEMBER 2009

SCHEDULE E3

| | | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| | FUEL COST OF SYSTEM NET GENERATION ($) | | | | | | | |
| 1. | HEAVY OIL | 23,712 | 22,926 | 23,424 | 1,180 | 0 | 0 | 297,177 |
| 2. | LIGHT OIL | 1,488,098 | 1,527,547 | 1,421,910 | 1,418,108 | 1,085,495 | 1,399,138 | 15,014,030 |
| 3. | COAL | 43,862,095 | 44,126,308 | 42,475,800 | 40,260,308 | 39,835,686 | 30,824,170 | 428,069,693 |
| 4. | NATURAL GAS | 71,900,103 | 72,604,534 | 62,983,789 | 56,410,542 | 35,207,515 | 61,362,230 | 738,443,984 |
| 5. | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6. | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7. | TOTAL ($) | 117,274,008 | 118,281,315 | 106,904,923 | 98,090,138 | 76,128,696 | 93,585,538 | 1,181,824,884 |
| | SYSTEM NET GENERATION (MWH) | | | | | | | |
| 8. | HEAVY OIL | 132 | 128 | 130 | 6 | 0 | 0 | 1,650 |
| 9. | LIGHT OIL | 4,821 | 4,885 | 4,578 | 4,623 | 3,478 | 4,503 | 48,513 |
| 10. | COAL | 1,087,457 | 1,086,704 | 1,053,981 | 996,459 | 985,196 | 743,107 | 10,845,924 |
| 11. | NATURAL GAS | 828,686 | 842,250 | 739,479 | 652,715 | 401,727 | 718,776 | 8,205,028 |
| 12. | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13. | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14. | TOTAL (MWH) | 1,921,096 | 1,933,967 | 1,798,168 | 1,653,803 | 1,390,401 | 1,466,386 | 19,101,115 |
| | UNITS OF FUEL BURNED | | | | | | | |
| 15. | HEAVY OIL (BBL) | 206 | 199 | 203 | 10 | 0 | 0 | 2,557 |
| 16. | LIGHT OIL (BBL) | 11,465 | 11,664 | 11,015 | 10,578 | 8,983 | 9,976 | 117,562 |
| 17. | COAL (TON) | 487,308 | 486,987 | 469,396 | 439,918 | 437,341 | 326,065 | 4,818,772 |
| 18. | NATURAL GAS (MCF) | 6,143,800 | 6,266,400 | 5,398,900 | 4,832,300 | 2,904,300 | 5,110,700 | 60,037,100 |
| 19. | NUCLEAR (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20. | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | BTUS BURNED (MMBTU) | | | | | | | |
| 21. | HEAVY OIL | 1,292 | 1,249 | 1,276 | 60 | 0 | 0 | 16,070 |
| 22. | LIGHT OIL | 51,435 | 52,317 | 48,682 | 48,894 | 37,025 | 47,560 | 519,195 |
| 23. | COAL | 11,711,886 | 11,704,236 | 11,280,973 | 10,594,066 | 10,489,163 | 7,910,126 | 115,894,405 |
| 24. | NATURAL GAS | 6,315,858 | 6,441,975 | 5,550,005 | 4,967,607 | 2,985,633 | 5,253,987 | 61,718,759 |
| 25. | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26. | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27. | TOTAL (MMBTU) | 18,080,471 | 18,199,777 | 16,880,936 | 15,610,627 | 13,511,821 | 13,211,673 | 178,148,429 |
| | GENERATION MIX (% MWH) | | | | | | | |
| 28. | HEAVY OIL | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 |
| 29. | LIGHT OIL | 0.25 | 0.25 | 0.25 | 0.28 | 0.25 | 0.31 | 0.25 |
| 30. | COAL | 56.60 | 56.19 | 58.62 | 60.25 | 70.86 | 50.67 | 56.78 |
| 31. | NATURAL GAS | 43.14 | 43.55 | 41.12 | 39.47 | 28.89 | 49.02 | 42.96 |
| 32. | NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 33. | OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 34. | TOTAL ( % ) | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |
| | FUEL COST PER UNIT | | | | | | | |
| 35. | HEAVY OIL ($/BBL) | 115.11 | 115.21 | 115.39 | 118.00 | 0.00 | 0.00 | 116.22 |
| 36. | LIGHT OIL ($/BBL) | 129.79 | 130.96 | 129.09 | 134.06 | 120.84 | 140.25 | 127.71 |
| 37. | COAL ($/TON) | 90.01 | 90.61 | 90.49 | 91.52 | 91.09 | 94.53 | 88.83 |
| 38. | NATURAL GAS ($/MCF) | 11.70 | 11.59 | 11.67 | 11.67 | 12.12 | 12.01 | 12.30 |
| 39. | NUCLEAR ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40. | OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | FUEL COST PER MMBTU ($/MMBTU) | | | | | | | |
| 41. | HEAVY OIL | 18.35 | 18.36 | 18.36 | 19.67 | 0.00 | 0.00 | 18.49 |
| 42. | LIGHT OIL | 28.93 | 29.20 | 29.21 | 29.00 | 29.32 | 29.42 | 28.92 |
| 43. | COAL | 3.75 | 3.77 | 3.77 | 3.80 | 3.80 | 3.90 | 3.69 |
| 44. | NATURAL GAS | 11.38 | 11.27 | 11.35 | 11.36 | 11.79 | 11.68 | 11.96 |
| 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) | 6.49 | 6.50 | 6.33 | 6.28 | 5.63 | 7.08 | 6.63 |
| | BTU BURNED PER KWH (BTU/KWH) | | | | | | | |
| 48. | HEAVY OIL | 9,788 | 9,758 | 9,815 | 10,000 | 0 | 0 | 9,739 |
| 49. | LIGHT OIL | 10,669 | 10,710 | 10,634 | 10,576 | 10,645 | 10,562 | 10,702 |
| 50. | COAL | 10,770 | 10,770 | 10,703 | 10,632 | 10,647 | 10,645 | 10,686 |
| 51. | NATURAL GAS | 7,622 | 7,649 | 7,505 | 7,611 | 7,432 | 7,310 | 7,522 |
| 52. | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53. | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54. | TOTAL (BTU/KWH) | 9,412 | 9,411 | 9,388 | 9,439 | 9,718 | 9,010 | 9,327 |
| | GENERATED FUEL COST PER KWH (CENTS/KWH) | | | | | | | |
| 55. | HEAVY OIL | 17.96 | 17.91 | 18.02 | 19.67 | 0.00 | 0.00 | 18.01 |
| 56. | LIGHT OIL | 30.87 | 31.27 | 31.06 | 30.68 | 31.21 | 31.07 | 30.95 |
| 57. | COAL | 4.03 | 4.06 | 4.03 | 4.04 | 4.04 | 4.15 | 3.95 |
| 58. | NATURAL GAS | 8.68 | 8.62 | 8.52 | 8.64 | 8.76 | 8.54 | 9.00 |
| 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) | 6.10 | 6.12 | 5.95 | 5.93 | 5.48 | 6.38 | 6.19 |

TAMPA ELECTRIC COMPANY
SYSTEM NET GENERATION AND FUEL COST
ESTIMATED FOR THE PERIOD: JANUARY 2009

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 393 | 205,356 | 70.2 | 73.3 | 0.1 | 10,628 | COAL | 92,480 | 23,600,022 | 2,182,530.0 | 7,328,080 | 3.57 | 79.24 |
| 2. B.B.#2 | 393 | 0 | 0.0 | 0.0 | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 3. B.B.#3 | 393 | 220,602 | 75.4 | 77.8 | 0.1 | 10,565 | COAL | 98,760 | 23,599,939 | 2,330,730.0 | 7,825,704 | 3.55 | 79.24 |
| 4. B.B.#4 | 428 | 268,823 | 84.4 | 87.8 | 0.1 | 10,771 | COAL | 122,457 | 23,643,891 | 2,895,360.0 | 9,703,446 | 3.61 | 79.24 |
| **5. B.B. STA.** | **1,607** | **694,781** | **58.1** | **60.3** | **0.1** | **10,663** | **COAL** | **313,697** | **23,617,121** | **7,408,620.0** | **24,857,230** | **3.58** | **79.24** |
| 6. PHILLIPS #1 (HVY OIL) | 18 | 585 | 4.4 | 83.4 | 0.1 | 19,598 | HVY OIL | 905 | 12,668,508 | 11,465.0 | 105,939 | 18.11 | 117.06 |
| 7. PHILLIPS #2 (HVY OIL) | 18 | 595 | 4.4 | 83.5 | 0.1 | 9,716 | HVY OIL | 920 | 6,283,783 | 5,781.1 | 107,695 | 18.10 | 117.06 |
| **8. SEB-PHILLIPS TOTAL** | **36** | **1,180** | **4.4** | **83.5** | **0.1** | **14,615** | **HVY OIL** | **1,825** | **9,449,907** | **17,246.1** | **213,634** | **18.10** | **117.06** |
| 9. POLK #1 GASIFIER | 255 | 118,503 | 62.5 | - | - | 11,121 | COAL | 48,399 | 27,229,612 | 1,317,886.0 | 4,252,821 | 3.59 | 87.87 |
| 10. POLK #1 CT OIL | 235 | 3,665 | 2.1 | - | - | 11,093 | LGT OIL | 7,014 | 5,796,265 | 40,655.0 | 1,122,584 | 30.63 | 160.05 |
| **11. POLK #1 TOTAL** | **255** | **122,168** | **64.4** | **86.6** | **0.1** | **11,120** | | **-** | **-** | **1,358,541.0** | **5,375,405** | **4.40** | **-** |
| *12. POLK #2 CT GAS* | *184* | *3,499* | *2.6* | - | - | 14,012 | GAS | 47,700 | 1,027,862 | 49,029.0 | 699,474 | 19.99 | 14.66 |
| 13. POLK #2 CT OIL | 184 | 184 | 0.1 | - | - | 13,022 | LGT OIL | 400 | 5,990,000 | 2,396.0 | 70,662 | 38.40 | 176.66 |
| **14. POLK #2 TOTAL** | **184** | **3,683** | **2.7** | **98.7** | **0.1** | **13,963** | | **-** | **-** | **51,425.0** | **770,136** | **20.91** | **-** |
| 15. POLK #3 CT GAS | 184 | 3,078 | 2.2 | - | - | 13,953 | GAS | 41,800 | 1,027,416 | 42,946.0 | 612,956 | 19.91 | 14.66 |
| 16. POLK #3 CT OIL | 184 | 162 | 0.1 | - | - | 12,975 | LGT OIL | 400 | 5,255,000 | 2,102.0 | 70,662 | 43.62 | 176.66 |
| **17. POLK #3 TOTAL** | **184** | **3,240** | **2.4** | **98.7** | **0.1** | **13,904** | | **-** | **-** | **45,048.0** | **683,618** | **21.10** | **-** |
| **18. POLK #4 CT GAS** | **184** | **4849** | **3.5** | **98.7** | **0.0** | **14,198** | **GAS** | **66,900** | **1,029,068** | **68846.0** | **981,024** | **20.23** | **14.66** |
| **19. POLK #5 CT GAS** | **184** | **4136** | **3.0** | **98.7** | **0.0** | **14,280** | **GAS** | **57,500** | **1,027,165** | **59062.0** | **843,182** | **20.39** | **14.66** |
| **20. CITY OF TAMPA GAS** | **3** | **70** | **3.1** | **100.0** | **0.0** | **10,471** | GAS | **700** | 1,047,143 | **733.0** | **12,089** | **17.27** | **17.27** |
| 21. BAYSIDE #1 | 791 | 254,731 | 43.3 | 94.7 | 0.1 | 7,319 | GAS | 1,813,800 | 1,027,952 | 1,864,500.0 | 26,597,617 | 10.44 | 14.66 |
| 22. BAYSIDE #2 | 1,046 | 280,307 | 36.0 | 95.1 | 0.1 | 7,394 | GAS | 2,016,100 | 1,027,985 | 2,072,520.0 | 29,564,150 | 10.55 | 14.66 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| *25. BAYSIDE #5* | *0* | *0* | *0.0* | *0.0* | *0.0* | *0* | *GAS* | *0* | *0* | *0.0* | 0 | 0.00 | 0.00 |
| 26. BAYSIDE #6 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **27. BAYSIDE TOTAL** | **1,837** | **535,038** | **39.1** | **94.9** | **0.1** | **7,358** | **GAS** | **3,829,900** | **1,027,969** | **3,937,020.0** | **56,161,767** | **10.50** | **14.66** |
| 28. B.B.C.T.#1 OIL | 11 | 3 | 0.0 | 65.1 | 0.1 | 20,333 | LGT OIL | 10 | 6,100,000 | 61.0 | 1,462 | 48.73 | 146.20 |
| 29. B.B.C.T.#2 OIL | 79 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 39 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **129** | **3** | **0.0** | **97.0** | **0.1** | **20,333** | **LGT OIL** | **10** | **6,100,000** | **61.0** | **1,462** | **48.73** | **146.20** |
| **32. B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33. TOT COAL (BB,POLK)** | **1,862** | **813,284** | **58.7** | **52.1** | **0.1** | **10,730** | **COAL** | **362,096** | **24,099,979** | **8,726,506.0** | **29,110,051** | **3.58** | **80.39** |
| **34. SYSTEM** | **4,603** | **1,369,148** | **40.0** | **83.0** | **0.1** | **9,456** | **-** | **-** | **-** | **12,946,602.1** | **89,899,547** | **6.57** | **-** |

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

SCHEDULE E4

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: FEBRUARY 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 393 | 184,783 | 70.0 | 73.3 | 0.1 | 10,628 | COAL | 83,215 | 23,599,952 | 1,963,870.0 | 6,803,327 | 3.68 | 81.76 |
| 2. B.B.#2 | 393 | 0 | 0.0 | 0.0 | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 3. B.B.#3 | 393 | 193,109 | 73.1 | 77.8 | 0.1 | 10,579 | COAL | 86,560 | 23,600,046 | 2,042,820.0 | 7,076,801 | 3.66 | 81.76 |
| 4. B.B.#4 | 428 | 252,983 | 88.0 | 87.8 | 0.1 | 10,796 | COAL | 115,519 | 23,643,730 | 2,731,300.0 | 9,444,373 | 3.73 | 81.76 |
| **5. B.B. STA.** | **1,607** | **630,875** | **58.4** | **60.3** | **0.1** | **10,680** | **COAL** | **285,294** | **23,617,707** | **6,737,990.0** | **23,324,501** | **3.70** | **81.76** |
| 6. PHILLIPS #1 (HVY OIL) | 18 | 0 | 0.0 | 83.4 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7. PHILLIPS #2 (HVY OIL) | 18 | 7 | 0.1 | 83.5 | 0.1 | 9,286 | HVY OIL | 10 | 6,500,000 | 65.0 | 1,069 | 15.27 | 106.90 |
| **8. SEB-PHILLIPS TOTAL** | **36** | **7** | **0.0** | **83.5** | **0.1** | **9,286** | **HVY OIL** | **10** | **6,500,000** | **65.0** | **1,069** | **15.27** | **106.90** |
| 9. POLK #1 GASIFIER | 255 | 0 | 0.0 | - | - | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 10. POLK #1 CT OIL | 235 | 0 | 0.0 | - | - | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **11. POLK #1 TOTAL** | **255** | **0** | **0.0** | **0.0** | **0.0** | **0** | | **-** | **-** | **0.0** | **0** | **0.00** | **-** |
| 12. POLK #2 CT GAS | 184 | 642 | 0.5 | - | - | 12,061 | GAS | 7,500 | 1,032,400 | 7,743.0 | 105,066 | 16.37 | 14.01 |
| 13. POLK #2 CT OIL | 184 | 34 | 0.0 | - | - | 11,206 | LGT OIL | 100 | 3,810,000 | 381.0 | 17,706 | 52.08 | 177.06 |
| **14. POLK #2 TOTAL** | **184** | **676** | **0.5** | **98.7** | **0.1** | **12,018** | | **-** | **-** | **8,124.0** | **122,772** | **18.16** | **-** |
| 15. POLK #3 CT GAS | 184 | 313 | 0.3 | - | - | 12,942 | GAS | 3,900 | 1,038,718 | 4,051.0 | 54,634 | 17.45 | 14.01 |
| 16. POLK #3 CT OIL | 184 | 16 | 0.0 | - | - | 11,688 | LGT OIL | 0 | 0 | 187.0 | 0 | 0.00 | 0.00 |
| **17. POLK #3 TOTAL** | **184** | **329** | **0.3** | **98.7** | **0.1** | **12,881** | | **-** | **-** | **4,238.0** | **54,634** | **16.61** | **-** |
| **18. POLK #4 CT GAS** | **184** | **2143** | **1.7** | **98.7** | **0.1** | **11,596** | **GAS** | **24,200** | **1,026,901** | **24851.0** | **339,012** | **15.82** | **14.01** |
| **19. POLK #5 CT GAS** | **184** | **1175** | **1.0** | **98.7** | **0.1** | **11,829** | **GAS** | **13,500** | **1,029,556** | **13899.0** | **189,118** | **16.10** | **14.01** |
| **20. CITY OF TAMPA GAS** | **3** | **6** | **0.3** | **100.0** | **0.2** | **11,167** | GAS | **100** | 670,000 | **67.0** | **1,667** | **27.78** | **16.67** |
| 21. BAYSIDE #1 | 791 | 385,033 | 72.4 | 94.7 | 0.1 | 7,237 | GAS | 2,710,500 | 1,028,002 | 2,786,400.0 | 37,970,716 | 9.86 | 14.01 |
| 22. BAYSIDE #2 | 1,046 | 252,897 | 36.0 | 95.1 | 0.1 | 7,403 | GAS | 1,821,200 | 1,027,998 | 1,872,190.0 | 25,512,735 | 10.09 | 14.01 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. BAYSIDE #5 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 26. BAYSIDE #6 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **27. BAYSIDE TOTAL** | **1,837** | **637,930** | **51.7** | **94.9** | **0.1** | **7,303** | **GAS** | **4,531,700** | **1,028,001** | **4,658,590.0** | **63,483,451** | **9.95** | **14.01** |
| 28. B.B.C.T.#1 OIL | 11 | 2 | 0.0 | 65.1 | 0.1 | 22,500 | LGT OIL | 8 | 5,625,000 | 45.0 | 1,180 | 59.00 | 147.50 |
| 29. B.B.C.T.#2 OIL | 79 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 39 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **129** | **2** | **0.0** | **97.0** | **0.1** | **22,500** | **LGT OIL** | **8** | **5,625,000** | **45.0** | **1,180** | **59.00** | **147.50** |
| **32. B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33. TOT COAL (BB,POLK)** | **1,862** | **630,875** | **50.4** | **52.1** | **0.1** | **10,680** | **COAL** | **285,294** | **23,617,707** | **6,737,990.0** | **23,324,501** | **3.70** | **81.76** |
| **34. SYSTEM** | **4,603** | **1,273,143** | **41.2** | **78.2** | **0.1** | **8,992** | **-** | **-** | **-** | **11,447,869.0** | **87,517,404** | **6.87** | **-** |

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

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: MARCH 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 393 | 205,202 | 70.2 | 73.3 | 0.1 | 10,691 | COAL | 92,962 | 23,600,073 | 2,193,910.0 | 7,638,702 | 3.72 | 82.17 |
| 2. B.B.#2 | 393 | 0 | 0.0 | 0.0 | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 3. B.B.#3 | 393 | 220,069 | 75.3 | 77.8 | 0.1 | 10,591 | COAL | 98,764 | 23,600,097 | 2,330,840.0 | 8,115,453 | 3.69 | 82.17 |
| 4. B.B.#4 | 428 | 286,331 | 89.9 | 87.8 | 0.1 | 10,797 | COAL | 130,749 | 23,643,852 | 3,091,410.0 | 10,743,666 | 3.75 | 82.17 |
| **5. B.B. STA.** | **1,607** | **711,602** | **59.5** | **60.3** | **0.1** | **10,703** | **COAL** | **322,475** | **23,617,831** | **7,616,160.0** | **26,497,821** | **3.72** | **82.17** |
| 6. PHILLIPS #1 (HVY OIL) | 18 | 2 | 0.0 | 8.1 | 0.1 | 9,800 | HVY OIL | 3 | 6,533,331 | 19.6 | 321 | 16.05 | 107.00 |
| 7. PHILLIPS #2 (HVY OIL) | 18 | 3 | 0.0 | 48.5 | 0.1 | 16,333 | HVY OIL | 4 | 12,250,000 | 49.0 | 428 | 14.27 | 107.00 |
| **8. SEB-PHILLIPS TOTAL** | **36** | **5** | **0.0** | **28.3** | **0.1** | **13,720** | **HVY OIL** | **7** | **9,799,999** | **68.6** | **749** | **14.98** | **107.00** |
| 9. POLK #1 GASIFIER | 255 | 112,478 | 59.3 | - | - | 10,583 | COAL | 43,764 | 27,198,679 | 1,190,323.0 | 4,174,995 | 3.71 | 95.40 |
| 10. POLK #1 CT OIL | 235 | 3,479 | 2.0 | - | - | 10,567 | LGT OIL | 6,343 | 5,795,680 | 36,762.0 | 1,030,206 | 29.61 | 162.42 |
| **11. POLK #1 TOTAL** | **255** | **115,957** | **61.1** | **67.1** | **0.1** | **10,582** | | **-** | **-** | **1,227,085.0** | **5,205,201** | **4.49** | **-** |
| 12. POLK #2 CT GAS | 184 | 2,833 | 2.1 | - | - | 12,822 | GAS | 35,300 | 1,029,037 | 36,325.0 | 480,169 | 16.95 | 13.60 |
| 13. POLK #2 CT OIL | 184 | 149 | 0.1 | - | - | 12,128 | LGT OIL | 300 | 6,023,333 | 1,807.0 | 52,892 | 35.50 | 176.31 |
| **14. POLK #2 TOTAL** | **184** | **2,982** | **2.2** | **98.7** | **0.1** | **12,787** | | **-** | **-** | **38,132.0** | **533,061** | **17.88** | **-** |
| 15. POLK #3 CT GAS | 184 | 234 | 0.2 | - | - | 13,714 | GAS | 3,200 | 1,002,813 | 3,209.0 | 43,528 | 18.60 | 13.60 |
| 16. POLK #3 CT OIL | 184 | 12 | 0.0 | - | - | 11,917 | LGT OIL | 0 | 0 | 143.0 | 0 | 0.00 | 0.00 |
| **17. POLK #3 TOTAL** | **184** | **246** | **0.2** | **98.7** | **0.1** | **13,626** | | **-** | **-** | **3,352.0** | **43,528** | **17.69** | **-** |
| **18. POLK #4 CT GAS** | **184** | **4053** | **3.0** | **76.4** | **0.1** | **13,335** | **GAS** | **52,600** | **1,027,529** | **54048.0** | **715,493** | **17.65** | **13.60** |
| **19. POLK #5 CT GAS** | **184** | **3275** | **2.4** | **76.4** | **0.1** | **13,563** | **GAS** | **43,200** | **1,028,241** | **44420.0** | **587,629** | **17.94** | **13.60** |
| **20. CITY OF TAMPA GAS** | **3** | **4** | **0.2** | **100.0** | **0.2** | **10,000** | **GAS** | **0** | **0** | **40.0** | **0** | **0.00** | **0.00** |
| 21. BAYSIDE #1 | 791 | 247,694 | 42.1 | 73.3 | 0.1 | 7,324 | GAS | 1,764,600 | 1,028,023 | 1,814,050.0 | 24,003,032 | 9.69 | 13.60 |
| 22. BAYSIDE #2 | 1,046 | 291,582 | 37.5 | 73.6 | 0.1 | 7,426 | GAS | 2,106,400 | 1,028,024 | 2,165,430.0 | 28,652,378 | 9.83 | 13.60 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. BAYSIDE #5 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 26. BAYSIDE #6 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **27. BAYSIDE TOTAL** | **1,837** | **539,276** | **39.5** | **73.5** | **0.1** | **7,379** | **GAS** | **3,871,000** | **1,028,024** | **3,979,480.0** | **52,655,410** | **9.76** | **13.60** |
| 28. B.B.C.T.#1 OIL | 11 | 1 | 0.0 | 65.1 | 0.1 | 22,000 | LGT OIL | 4 | 5,500,000 | 22.0 | 695 | 69.50 | 173.75 |
| 29. B.B.C.T.#2 OIL | 79 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 39 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **129** | **1** | **0.0** | **97.0** | **0.1** | **22,000** | **LGT OIL** | **4** | **5,500,000** | **22.0** | **695** | **69.50** | **173.75** |
| **32. B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33. TOT COAL (BB,POLK)** | **1,862** | **824,080** | **59.5** | **52.1** | **0.1** | **10,686** | **COAL** | **366,239** | **24,045,727** | **8,806,483.0** | **30,672,816** | **3.72** | **83.75** |
| **34. SYSTEM** | **4,603** | **1,377,401** | **40.2** | **71.1** | **0.1** | **9,411** | **-** | **-** | **-** | **12,962,807.6** | **86,239,587** | **6.26** | **-** |

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

SCHEDULE E4

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: APRIL 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 383 | 197,155 | 71.5 | 73.3 | 0.1 | 10,686 | COAL | 89,271 | 23,599,937 | 2,106,790.0 | 7,616,509 | 3.86 | 85.32 |
| 2. B.B.#2 | 378 | 172,652 | 63.4 | 63.1 | 0.1 | 10,475 | COAL | 76,635 | 23,600,052 | 1,808,590.0 | 6,538,418 | 3.79 | 85.32 |
| 3. B.B.#3 | 383 | 213,064 | 77.3 | 77.8 | 0.1 | 10,589 | COAL | 95,598 | 23,599,866 | 2,256,100.0 | 8,156,322 | 3.83 | 85.32 |
| 4. B.B.#4 | 435 | 27,389 | 8.7 | 8.8 | 0.1 | 10,780 | COAL | 12,488 | 23,643,978 | 295,266.0 | 1,065,463 | 3.89 | 85.32 |
| **5. B.B. STA.** | **1,579** | **610,260** | **53.7** | **54.2** | **0.1** | **10,597** | **COAL** | **273,992** | **23,601,952** | **6,466,746.0** | **23,376,712** | **3.83** | **85.32** |
| 6. PHILLIPS #1 (HVY OIL) | 17 | 4 | 0.0 | 64.0 | 0.1 | 9,750 | HVY OIL | 6 | 6,499,999 | 39.0 | 692 | 17.30 | 115.33 |
| 7. PHILLIPS #2 (HVY OIL) | 17 | 4 | 0.0 | 80.7 | 0.1 | 19,500 | HVY OIL | 6 | 13,000,000 | 78.0 | 692 | 17.30 | 115.33 |
| **8. SEB-PHILLIPS TOTAL** | **34** | **8** | **0.0** | **72.3** | **0.1** | **14,625** | **HVY OIL** | **12** | **9,749,999** | **117.0** | **1,384** | **17.30** | **115.33** |
| 9. POLK #1 GASIFIER | 235 | 140,214 | 82.9 | - | - | 10,557 | COAL | 54,441 | 27,190,775 | 1,480,293.0 | 5,611,640 | 4.00 | 103.08 |
| 10. POLK #1 CT OIL | 215 | 4,337 | 2.8 | - | - | 10,544 | LGT OIL | 7,890 | 5,795,944 | 45,730.0 | 1,298,023 | 29.93 | 164.51 |
| **11. POLK #1 TOTAL** | **235** | **144,551** | **85.4** | **86.6** | **0.1** | **10,557** | | **-** | **-** | **1,526,023.0** | **6,909,663** | **4.78** | **-** |
| 12. POLK #2 CT GAS | 149 | 3,194 | 3.0 | - | - | 13,613 | GAS | 42,300 | 1,027,896 | 43,480.0 | 519,971 | 16.28 | 12.29 |
| 13. POLK #2 CT OIL | 159 | 168 | 0.1 | - | - | 12,685 | LGT OIL | 400 | 5,327,500 | 2,131.0 | 69,827 | 41.56 | 174.57 |
| **14. POLK #2 TOTAL** | **159** | **3,362** | **2.9** | **98.7** | **0.1** | **13,567** | | **-** | **-** | **45,611.0** | **589,798** | **17.54** | **-** |
| 15. POLK #3 CT GAS | 149 | 2,233 | 2.1 | - | - | 13,562 | GAS | 29,400 | 1,030,102 | 30,285.0 | 361,399 | 16.18 | 12.29 |
| 16. POLK #3 CT OIL | 164 | 118 | 0.1 | - | - | 12,619 | LGT OIL | 300 | 4,963,333 | 1,489.0 | 52,371 | 44.38 | 174.57 |
| **17. POLK #3 TOTAL** | **164** | **2,351** | **2.0** | **98.7** | **0.1** | **13,515** | | **-** | **-** | **31,774.0** | **413,770** | **17.60** | **-** |
| **18. POLK #4 CT GAS** | **149** | **6587** | **6.1** | **98.7** | **0.1** | **13,415** | **GAS** | **85,900** | **1,028,719** | **88367.0** | **1,055,923** | **16.03** | **12.29** |
| **19. POLK #5 CT GAS** | **149** | **4033** | **3.8** | **98.7** | **0.1** | **13,809** | **GAS** | **54,100** | **1,029,390** | **55690.0** | **665,023** | **16.49** | **12.29** |
| **20. CITY OF TAMPA GAS** | **3** | **58** | **2.7** | **100.0** | **0.0** | **10,466** | GAS | **600** | 1,011,667 | **607.0** | **8,284** | **14.28** | **13.81** |
| 21. BAYSIDE #1 | 700 | 305,051 | 60.5 | 94.7 | 0.1 | 7,354 | GAS | 2,182,200 | 1,027,967 | 2,243,230.0 | 26,824,623 | 8.79 | 12.29 |
| 22. BAYSIDE #2 | 928 | 330,978 | 49.5 | 95.1 | 0.1 | 7,388 | GAS | 2,378,800 | 1,028,010 | 2,445,430.0 | 29,241,322 | 8.83 | 12.29 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. BAYSIDE #5 | 57 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 26. BAYSIDE #6 | 57 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **27. BAYSIDE TOTAL** | **1,742** | **636,029** | **50.7** | **88.7** | **0.1** | **7,372** | **GAS** | **4,561,000** | **1,027,989** | **4,688,660.0** | **56,065,945** | **8.81** | **12.29** |
| 28. B.B.C.T.#1 OIL | 10 | 2 | 0.0 | 65.1 | 0.1 | 18,500 | LGT OIL | 6 | 6,166,667 | 37.0 | 900 | 45.00 | 150.00 |
| 29. B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **10** | **2** | **0.0** | **65.1** | **0.1** | **18,500** | **LGT OIL** | **6** | **6,166,667** | **37.0** | **900** | **45.00** | **150.00** |
| **32. B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33. TOT COAL (BB,POLK)** | **1,814** | **750,474** | **57.5** | **47.2** | **0.1** | **10,589** | **COAL** | **328,433** | **24,196,835** | **7,947,039.0** | **28,988,352** | **3.86** | **88.26** |
| **34. SYSTEM** | **4,224** | **1,407,241** | **46.3** | **77.0** | **0.1** | **9,169** | **-** | **-** | **-** | **12,903,632.0** | **89,087,402** | **6.33** | **-** |

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

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: MAY 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 383 | 203,111 | 71.3 | 73.3 | 0.1 | 10,756 | COAL | 92,570 | 23,599,978 | 2,184,650.0 | 8,049,260 | 3.96 | 86.95 |
| 2. B.B.#2 | 378 | 242,785 | 86.3 | 86.1 | 0.1 | 10,498 | COAL | 108,001 | 23,599,967 | 2,548,820.0 | 9,391,036 | 3.87 | 86.95 |
| 3. B.B.#3 | 383 | 217,313 | 76.3 | 77.8 | 0.1 | 10,586 | COAL | 97,479 | 23,600,057 | 2,300,510.0 | 8,476,114 | 3.90 | 86.95 |
| 4. B.B.#4 | 435 | 18,076 | 5.6 | 5.7 | 0.1 | 10,813 | COAL | 8,266 | 23,644,810 | 195,448.0 | 718,755 | 3.98 | 86.95 |
| 5. **B.B. STA.** | **1,579** | **681,285** | **58.0** | **58.8** | **0.1** | **10,611** | **COAL** | **306,316** | **23,601,209** | **7,229,428.0** | **26,635,165** | **3.91** | **86.95** |
| 6. PHILLIPS #1 (HVY OIL) | 17 | 13 | 0.1 | 83.4 | 0.1 | 9,840 | HVY OIL | 20 | 6,396,000 | 127.9 | 2,140 | 16.46 | 107.00 |
| 7. PHILLIPS #2 (HVY OIL) | 17 | 12 | 0.1 | 83.5 | 0.1 | 20,500 | HVY OIL | 19 | 12,947,368 | 246.0 | 2,033 | 16.94 | 107.00 |
| 8. **SEB-PHILLIPS TOTAL** | **34** | **25** | **0.1** | **83.5** | **0.1** | **14,957** | **HVY OIL** | **39** | **9,587,692** | **373.9** | **4,173** | **16.69** | **107.00** |
| 9. POLK #1 GASIFIER | 235 | 144,009 | 82.4 | - | - | 10,585 | COAL | 55,999 | 27,220,236 | 1,524,306.0 | 6,167,774 | 4.28 | 110.14 |
| 10. POLK #1 CT OIL | 215 | 4,454 | 2.8 | - | - | 10,561 | LGT OIL | 8,116 | 5,795,835 | 47,039.0 | 1,347,223 | 30.25 | 166.00 |
| 11. **POLK #1 TOTAL** | **235** | **148,463** | **84.9** | **86.6** | **0.1** | **10,584** | | **-** | **-** | **1,571,345.0** | **7,514,997** | **5.06** | **-** |
| 12. POLK #2 CT GAS | 149 | 3,402 | 3.1 | - | - | 13,042 | GAS | 43,100 | 1,029,443 | 44,369.0 | 511,516 | 15.04 | 11.87 |
| 13. POLK #2 CT OIL | 159 | 179 | 0.2 | - | - | 12,162 | LGT OIL | 400 | 5,442,500 | 2,177.0 | 69,109 | 38.61 | 172.77 |
| 14. **POLK #2 TOTAL** | **159** | **3,581** | **3.0** | **98.7** | **0.1** | **12,998** | | **-** | **-** | **46,546.0** | **580,625** | **16.21** | **-** |
| 15. POLK #3 CT GAS | 149 | 2,391 | 2.2 | - | - | 12,805 | GAS | 29,800 | 1,027,383 | 30,616.0 | 353,670 | 14.79 | 11.87 |
| 16. POLK #3 CT OIL | 164 | 126 | 0.1 | - | - | 11,952 | LGT OIL | 300 | 5,020,000 | 1,506.0 | 51,831 | 41.14 | 172.77 |
| 17. **POLK #3 TOTAL** | **164** | **2,517** | **2.1** | **98.7** | **0.1** | **12,762** | | **-** | **-** | **32,122.0** | **405,501** | **16.11** | **-** |
| 18. **POLK #4 CT GAS** | **149** | **8645** | **7.8** | **98.7** | **0.1** | **12,985** | **GAS** | **109,200** | **1,027,976** | **112255.0** | **1,295,998** | **14.99** | **11.87** |
| 19. **POLK #5 CT GAS** | **149** | **5721** | **5.2** | **98.7** | **0.1** | **13,186** | **GAS** | **73,300** | **1,029,127** | **75435.0** | **869,933** | **15.21** | **11.87** |
| 20. **CITY OF TAMPA GAS** | **3** | **92** | **4.1** | **100.0** | **0.1** | **10,478** | GAS | **900** | 1,071,111 | **964.0** | **12,000** | **13.04** | 13.33 |
| 21. BAYSIDE #1 | 700 | 348,752 | 67.0 | 94.7 | 0.1 | 7,401 | GAS | 2,510,800 | 1,028,019 | 2,581,150.0 | 29,798,454 | 8.54 | 11.87 |
| 22. BAYSIDE #2 | 928 | 491,935 | 71.3 | 95.1 | 0.1 | 7,403 | GAS | 3,542,700 | 1,028,007 | 3,641,920.0 | 42,045,158 | 8.55 | 11.87 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. BAYSIDE #5 | 57 | 3,049 | 7.2 | 94.2 | 0.1 | 10,571 | GAS | 31,400 | 1,026,465 | 32,231.0 | 372,659 | 12.22 | 11.87 |
| 26. BAYSIDE #6 | 57 | 2,752 | 6.5 | 94.2 | 0.1 | 10,612 | GAS | 28,400 | 1,028,345 | 29,205.0 | 337,054 | 12.25 | 11.87 |
| 27. **BAYSIDE TOTAL** | **1,742** | **846,488** | **65.3** | **94.8** | **0.1** | **7,424** | **GAS** | **6,113,300** | **1,028,005** | **6,284,506.0** | **72,553,325** | **8.57** | **11.87** |
| 28. B.B.C.T.#1 OIL | 10 | 0 | 0.0 | 56.7 | 0.0 | 0 | LGT OIL | 0 | 0 | 1.0 | 0 | 0.00 | 0.00 |
| 29. B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 100.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 31. **C.T. TOTAL OIL** | **10** | **0** | **0.0** | **56.7** | **0.0** | **0** | **LGT OIL** | **0** | **0** | **1.0** | **0** | **0.00** | **0.00** |
| 32. **B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| 33. **TOT COAL (BB,POLK)** | **1,814** | **825,294** | **61.2** | **51.2** | **0.1** | **10,607** | **COAL** | **362,315** | **24,160,562** | **8,753,734.0** | **32,802,939** | **3.97** | **90.54** |
| 34. **SYSTEM** | **4,224** | **1,696,817** | **54.0** | **81.3** | **0.1** | **9,048** | **-** | **-** | **-** | **15,352,975.9** | **109,871,717** | **6.48** | **-** |

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

41

SCHEDULE E4

**TAMPA ELECTRIC COMPANY**
***SYSTEM NET GENERATION AND FUEL COST***
**ESTIMATED FOR THE PERIOD: JUNE 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 383 | 196,626 | 71.3 | 73.3 | 0.1 | 10,787 | COAL | 89,873 | 23,600,080 | 2,121,010.0 | 7,740,456 | 3.94 | 86.13 |
| 2. B.B.#2 | 378 | 235,192 | 66.4 | 86.1 | 0.1 | 10,530 | COAL | 104,943 | 23,599,954 | 2,476,650.0 | 9,038,384 | 3.84 | 86.13 |
| 3. B.B.#3 | 383 | 208,769 | 75.7 | 77.8 | 0.1 | 10,640 | COAL | 93,951 | 23,643,814 | 2,221,360.0 | 8,091,680 | 3.88 | 86.13 |
| 4. B.B.#4 | 435 | 271,135 | 86.6 | 87.8 | 0.1 | 10,903 | COAL | 125,027 | 23,643,773 | 2,956,110.0 | 10,768,150 | 3.97 | 86.13 |
| **5. B.B. STA.** | **1,579** | **911,722** | **80.2** | **81.4** | **0.1** | **10,722** | **COAL** | **413,794** | **23,623,180** | **9,775,130.0** | **35,638,670** | **3.91** | **86.13** |
| 6. PHILLIPS #1 (HVY OIL) | 17 | 15 | 0.1 | 83.4 | 0.1 | 10,000 | HVY OIL | 24 | 6,250,000 | 150.0 | 2,570 | 17.13 | 107.08 |
| 7. PHILLIPS #2 (HVY OIL) | 17 | 14 | 0.1 | 83.5 | 0.1 | 20,714 | HVY OIL | 22 | 13,181,818 | 290.0 | 2,356 | 16.83 | 107.09 |
| ***8. SEB-PHILLIPS TOTAL*** | **34** | **29** | **0.1** | **83.5** | **0.1** | **15,172** | **HVY OIL** | **46** | **9,565,217** | **440.0** | **4,926** | **16.99** | **107.09** |
| 9. POLK #1 GASIFIER | 235 | 137,291 | 81.1 | - | - | 10,613 | COAL | 53,586 | 27,191,300 | 1,457,073.0 | 6,147,997 | 4.48 | 114.73 |
| 10. POLK #1 CT OIL | 215 | 4,246 | 2.7 | - | - | 10,601 | LGT OIL | 7,766 | 5,796,034 | 45,012.0 | 1,296,294 | 30.53 | 166.92 |
| ***11. POLK #1 TOTAL*** | **235** | **141,537** | **83.7** | **86.6** | **0.1** | **10,613** | | **-** | **-** | **1,502,085.0** | **7,444,291** | **5.26** | **-** |
| 12. POLK #2 CT GAS | 149 | 2,280 | 2.1 | - | - | 13,192 | GAS | 29,300 | 1,026,553 | 30,078.0 | 343,497 | 15.07 | 11.72 |
| 13. POLK #2 CT OIL | 159 | 120 | 0.1 | - | - | 12,317 | LGT OIL | 300 | 4,926,667 | 1,478.0 | 51,432 | 42.86 | 171.44 |
| **14. POLK #2 TOTAL** | **159** | ***2,400*** | **2.1** | ***98.7*** | ***0.1*** | **13,148** | | **-** | **-** | **31,556.0** | **394,929** | **16.46** | **-** |
| 15. POLK #3 CT GAS | 149 | 3,200 | 3.0 | - | - | 13,531 | GAS | 42,100 | 1,028,480 | 43,299.0 | 493,557 | 15.42 | 11.72 |
| 16. POLK #3 CT OIL | 164 | 168 | 0.1 | - | - | 12,625 | LGT OIL | 400 | 5,302,500 | 2,121.0 | 68,575 | 40.82 | 171.44 |
| **17. POLK #3 TOTAL** | **164** | **3,368** | **2.9** | ***98.7*** | ***0.1*** | ***13,486*** | | **-** | **-** | **45,420.0** | **562,132** | **16.69** | **-** |
| **18. POLK #4 CT GAS** | **149** | **9080** | **8.5** | **98.7** | **0.1** | **12,947** | **GAS** | **114,400** | **1,027,605** | **117558.0** | **1,341,161** | **14.77** | **11.72** |
| **19. POLK #5 CT GAS** | **149** | **4700** | **4.4** | **98.7** | **0.1** | **13,558** | **GAS** | ***62,000*** | ***1,027,758*** | ***63721.0*** | ***726,853*** | **15.46** | **11.72** |
| **20. CITY OF TAMPA GAS** | **3** | **178** | **8.2** | **100.0** | **0.1** | **10,478** | GAS | **1,800** | 1,036,111 | **1,865.0** | **23,241** | **13.06** | **12.91** |
| 21. BAYSIDE #1 | 700 | 344,735 | 68.4 | 94.7 | 0.1 | 7,410 | GAS | 2,484,700 | 1,028,028 | 2,554,340.0 | 29,129,220 | 8.45 | 11.72 |
| 22. BAYSIDE #2 | 928 | 391,038 | 58.5 | 95.1 | 0.1 | 7,423 | GAS | 2,823,400 | 1,028,019 | 2,902,510.0 | 33,099,948 | 8.46 | 11.72 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. BAYSIDE #5 | 57 | 2,489 | 6.1 | 94.2 | 0.1 | 10,641 | GAS | 25,800 | 1,026,589 | 26,486.0 | 302,465 | 12.15 | 11.72 |
| 26. BAYSIDE #6 | 57 | 2,268 | 5.5 | 94.2 | 0.1 | 10,690 | GAS | 23,600 | 1,027,288 | 24,244.0 | 276,673 | 12.20 | 11.72 |
| **27. BAYSIDE TOTAL** | **1,742** | **740,530** | **59.0** | **94.8** | **0.1** | **7,437** | **GAS** | **5,357,500** | **1,028,013** | **5,507,580.0** | **62,808,306** | **8.48** | **11.72** |
| 28. B.B.C.T.#1 OIL | 10 | 0 | 0.0 | 65.1 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 29. B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 100 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **10** | **0** | **0.0** | **65.1** | **0.0** | **0** | **LGT OIL** | **0** | **0** | ***0.0*** | **100** | ***0.00*** | **0.00** |
| **32. B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33. TOT COAL (BB,POLK)** | **1,814** | **1,049,013** | **80.3** | **70.9** | **0.1** | **10,707** | **COAL** | **467,380** | **24,032,271** | **11,232,203.0** | **41,786,667** | **3.98** | **89.41** |
| **34. SYSTEM** | **4,224** | **1,813,544** | **59.6** | **89.8** | **0.1** | **9,399** | **-** | **-** | **-** | **17,045,355.0** | **108,944,609** | **6.01** | **-** |

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

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: JULY 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 383 | 203,381 | 71.4 | 73.3 | 0.1 | 10,879 | COAL | 93,750 | 23,600,107 | 2,212,510.0 | 8,083,377 | 3.97 | 86.22 |
| 2. B.B.#2 | 378 | 243,122 | 86.4 | 86.1 | 0.1 | 10,583 | COAL | 109,024 | 23,599,941 | 2,572,960.0 | 9,400,342 | 3.87 | 86.22 |
| 3. B.B.#3 | 383 | 217,197 | 76.2 | 77.8 | 0.1 | 10,721 | COAL | 98,484 | 23,643,841 | 2,328,540.0 | 8,491,555 | 3.91 | 86.22 |
| 4. B.B.#4 | 435 | 281,035 | 86.8 | 87.8 | 0.1 | 10,973 | COAL | 130,428 | 23,643,773 | 3,083,810.0 | 11,245,853 | 4.00 | 86.22 |
| **5. B.B. STA.** | **1,579** | **944,735** | **80.4** | **81.4** | **0.1** | **10,794** | **COAL** | **431,686** | **23,623,235** | **10,197,820.0** | **37,221,127** | **3.94** | **86.22** |
| 6. PHILLIPS #1 (HVY OIL) | 17 | 67 | 0.5 | 83.4 | 0.1 | 9,788 | HVY OIL | 105 | 6,245,599 | 655.8 | 12,086 | 18.04 | 115.10 |
| 7. PHILLIPS #2 (HVY OIL) | 17 | 65 | 0.5 | 83.5 | 0.1 | 19,877 | HVY OIL | 101 | 12,792,079 | 1,292.0 | 11,626 | 17.89 | 115.11 |
| **8. SEB-PHILLIPS TOTAL** | **34** | **132** | **0.5** | **83.5** | **0.1** | **14,756** | **HVY OIL** | **206** | **9,455,281** | **1,947.8** | **23,712** | **17.96** | **115.11** |
| 9. POLK #1 GASIFIER | 235 | 142,722 | 81.6 | - | - | 10,608 | COAL | 55,622 | 27,220,632 | 1,514,066.0 | 6,640,968 | 4.65 | 119.39 |
| 10. POLK #1 CT OIL | 215 | 4,414 | 2.8 | - | - | 10,585 | LGT OIL | 8,061 | 5,796,179 | 46,723.0 | 1,351,318 | 30.61 | 167.64 |
| **11. POLK #1 TOTAL** | **235** | **147,136** | **84.2** | **86.6** | **0.1** | **10,608** | | **-** | **-** | **1,560,789.0** | **7,992,286** | **5.43** | **-** |
| 12. POLK #2 CT GAS | 149 | 2,248 | 2.0 | - | - | 11,711 | GAS | 25,600 | 1,028,398 | 26,327.0 | 299,585 | 13.33 | 11.70 |
| 13. POLK #2 CT OIL | 159 | 118 | 0.1 | - | - | 11,517 | LGT OIL | 200 | 6,795,000 | 1,359.0 | 34,195 | 28.98 | 170.98 |
| **14. POLK #2 TOTAL** | **159** | **2,366** | **2.0** | **98.7** | **0.1** | **11,702** | | **-** | **-** | **27,686.0** | **333,780** | **14.11** | **-** |
| 15. POLK #3 CT GAS | 149 | 5,497 | 5.0 | - | - | 11,952 | GAS | 63,900 | 1,028,185 | 65,701.0 | 747,793 | 13.60 | 11.70 |
| 16. POLK #3 CT OIL | 164 | 289 | 0.2 | - | - | 11,602 | LGT OIL | 600 | 5,588,333 | 3,353.0 | 102,585 | 35.50 | 170.98 |
| **17. POLK #3 TOTAL** | **164** | **5,786** | **4.7** | **98.7** | **0.1** | **11,935** | | **-** | **-** | **69,054.0** | **850,378** | **14.70** | **-** |
| **18. POLK #4 CT GAS** | **149** | **10539** | **9.5** | **98.7** | **0.1** | **12,270** | **GAS** | **125,800** | **1,027,941** | **129315.0** | **1,472,181** | **13.97** | **11.70** |
| **19. POLK #5 CT GAS** | **149** | **7662** | **6.9** | **98.7** | **0.1** | **12,285** | **GAS** | **91,600** | **1,027,587** | **94127.0** | **1,071,954** | **13.99** | **11.70** |
| **20. CITY OF TAMPA GAS** | **3** | **154** | **6.9** | **100.0** | **0.1** | **10,429** | GAS | **1,600** | 1,003,750 | **1,606.0** | **20,692** | **13.44** | **12.93** |
| 21. BAYSIDE #1 | 700 | 365,865 | 70.3 | 94.7 | 0.1 | 7,405 | GAS | 2,635,500 | 1,028,021 | 2,709,350.0 | 30,842,074 | 8.43 | 11.70 |
| 22. BAYSIDE #2 | 928 | 421,124 | 61.0 | 95.1 | 0.1 | 7,421 | GAS | 3,040,200 | 1,028,015 | 3,125,370.0 | 35,578,097 | 8.45 | 11.70 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. BAYSIDE #5 | 57 | 8,258 | 19.5 | 94.2 | 0.1 | 10,516 | GAS | 84,500 | 1,027,657 | 86,837.0 | 988,866 | 11.97 | 11.70 |
| 26. BAYSIDE #6 | 57 | 7,339 | 17.3 | 94.2 | 0.1 | 10,523 | GAS | 75,100 | 1,028,296 | 77,225.0 | 878,862 | 11.98 | 11.70 |
| **27. BAYSIDE TOTAL** | **1,742** | **802,586** | **61.9** | **94.8** | **0.1** | **7,474** | **GAS** | **5,835,300** | **1,028,016** | **5,998,782.0** | **68,287,899** | **8.51** | **11.70** |
| 28. B.B.C.T.#1 OIL | 10 | 0 | 0.0 | 65.1 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 29. B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **10** | **0** | **0.0** | **65.1** | **0.0** | **0** | **LGT OIL** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **32. B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33. TOT COAL (BB,POLK)** | **1,814** | **1,087,457** | **80.6** | **70.9** | **0.1** | **10,770** | **COAL** | **487,308** | **24,033,847** | **11,711,886.0** | **43,862,095** | **4.03** | **90.01** |
| **34. SYSTEM** | **4,224** | **1,921,096** | **61.1** | **89.8** | **0.1** | **9,412** | **-** | **-** | **-** | **18,081,126.8** | **117,274,009** | **6.10** | **-** |

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

SCHEDULE E4

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: AUGUST 2009**

| | (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | B.B.#1 | 383 | 203,344 | 71.4 | 73.3 | 0.1 | 10,879 | COAL | 93,734 | 23,599,974 | 2,212,120.0 | 8,104,851 | 3.99 | 86.47 |
| 2. | B.B.#2 | 378 | 243,093 | 86.4 | 86.1 | 0.1 | 10,583 | COAL | 109,012 | 23,599,879 | 2,572,670.0 | 9,425,886 | 3.88 | 86.47 |
| 3. | B.B.#3 | 383 | 216,744 | 76.1 | 77.8 | 0.1 | 10,722 | COAL | 98,289 | 23,643,846 | 2,323,930.0 | 8,498,706 | 3.92 | 86.47 |
| 4. | B.B.#4 | 435 | 280,838 | 86.8 | 87.8 | 0.1 | 10,973 | COAL | 130,340 | 23,643,778 | 3,081,730.0 | 11,270,044 | 4.01 | 86.47 |
| **5.** | **B.B. STA.** | **1,579** | **944,019** | **80.4** | **81.4** | **0.1** | **10,795** | **COAL** | **431,375** | **23,623,182** | **10,190,450.0** | **37,299,487** | **3.95** | **86.47** |
| 6. | PHILLIPS #1 (HVY OIL) | 17 | 65 | 0.5 | 83.4 | 0.1 | 9,758 | HVY OIL | 102 | 6,218,214 | 634.3 | 11,751 | 18.08 | 115.21 |
| 7. | PHILLIPS #2 (HVY OIL) | 17 | 63 | 0.5 | 83.5 | 0.1 | 19,825 | HVY OIL | 97 | 12,876,289 | 1,249.0 | 11,175 | 17.74 | 115.21 |
| **8.** | **SEB-PHILLIPS TOTAL** | **34** | **128** | **0.5** | **83.5** | **0.1** | **14,713** | **HVY OIL** | **199** | **9,463,607** | **1,883.3** | **22,926** | **17.91** | **115.21** |
| 9. | POLK #1 GASIFIER | 235 | 142,685 | 81.6 | - | - | 10,609 | COAL | 55,612 | 27,220,492 | 1,513,786.0 | 6,826,821 | 4.78 | 122.76 |
| 10. | POLK #1 CT OIL | 215 | 4,413 | 2.8 | - | - | 10,586 | LGT OIL | 8,060 | 5,795,782 | 46,714.0 | 1,356,340 | 30.74 | 168.28 |
| **11.** | **POLK #1 TOTAL** | **235** | **147,098** | **84.1** | **86.6** | **0.1** | **10,609** | | **-** | **-** | **1,560,500.0** | **8,183,161** | **5.56** | **-** |
| 12. | POLK #2 CT GAS | 149 | 3,594 | 3.2 | - | - | 12,346 | GAS | 43,100 | 1,029,513 | 44,372.0 | 499,354 | 13.89 | 11.59 |
| 13. | POLK #2 CT OIL | 159 | 189 | 0.2 | - | - | 11,799 | LGT OIL | 400 | 5,575,000 | 2,230.0 | 68,483 | 36.23 | 171.21 |
| **14.** | **POLK #2 TOTAL** | **159** | **3,783** | **3.2** | **98.7** | **0.1** | **12,319** | | **-** | **-** | **46,602.0** | **567,837** | **15.01** | **-** |
| 15. | POLK #3 CT GAS | 149 | 5,377 | 4.9 | - | - | 12,477 | GAS | 65,300 | 1,027,381 | 67,088.0 | 756,561 | 14.07 | 11.59 |
| 16. | POLK #3 CT OIL | 164 | 283 | 0.2 | - | - | 11,919 | LGT OIL | 600 | 5,621,667 | 3,373.0 | 102,724 | 36.30 | 171.21 |
| **17.** | **POLK #3 TOTAL** | **164** | **5,660** | **4.6** | **98.7** | **0.1** | **12,449** | | **-** | **-** | **70,461.0** | **859,285** | **15.18** | **-** |
| **18.** | **POLK #4 CT GAS** | **149** | **10880** | **9.8** | **98.7** | **0.1** | **12,577** | **GAS** | **133,100** | **1,028,084** | **136838.0** | **1,542,088** | **14.17** | **11.59** |
| **19.** | **POLK #5 CT GAS** | **149** | **7785** | **7.0** | **98.7** | **0.1** | **12,625** | **GAS** | **95,600** | **1,028,117** | **98288.0** | **1,107,615** | **14.23** | **11.59** |
| **20.** | **CITY OF TAMPA GAS** | **3** | **175** | **7.8** | **100.0** | **0.1** | **10,429** | GAS | **1,800** | 1,013,889 | **1,825.0** | **23,297** | **13.31** | **12.94** |
| 21. | BAYSIDE #1 | 700 | 368,661 | 70.8 | 94.7 | 0.1 | 7,405 | GAS | 2,655,400 | 1,028,022 | 2,729,810.0 | 30,765,287 | 8.35 | 11.59 |
| 22. | BAYSIDE #2 | 928 | 427,707 | 61.9 | 95.1 | 0.1 | 7,421 | GAS | 3,087,300 | 1,028,018 | 3,173,800.0 | 35,769,252 | 8.36 | 11.59 |
| 23. | BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. | BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. | BAYSIDE #5 | 57 | 9,498 | 22.4 | 94.2 | 0.1 | 10,510 | GAS | 97,100 | 1,028,043 | 99,823.0 | 1,124,994 | 11.84 | 11.59 |
| 26. | BAYSIDE #6 | 57 | 8,573 | 20.2 | 94.2 | 0.1 | 10,513 | GAS | 87,700 | 1,027,719 | 90,131.0 | 1,016,086 | 11.85 | 11.59 |
| **27.** | **BAYSIDE TOTAL** | **1,742** | **814,439** | **62.8** | **94.8** | **0.1** | **7,482** | **GAS** | **5,927,500** | **1,028,016** | **6,093,564.0** | **68,675,619** | **8.43** | **11.59** |
| 28. | B.B.C.T.#1 OIL | 10 | 0 | 0.0 | 65.1 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 29. | B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. | B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **31.** | **C.T. TOTAL OIL** | **10** | **0** | **0.0** | **65.1** | **0.0** | **0** | **LGT OIL** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **32.** | **B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33.** | **TOT COAL (BB,POLK)** | **1,814** | **1,086,704** | **80.5** | **70.9** | **0.1** | **10,770** | **COAL** | **486,987** | **24,033,980** | **11,704,236.0** | **44,126,308** | **4.06** | **90.61** |
| **34.** | **SYSTEM** | **4,224** | **1,933,967** | **61.5** | **89.8** | **0.1** | **9,411** | **-** | **-** | **-** | **18,200,411.3** | **118,281,315** | **6.12** | **-** |

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

**TAMPA ELECTRIC COMPANY**
***SYSTEM NET GENERATION AND FUEL COST***
**ESTIMATED FOR THE PERIOD: SEPTEMBER 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 383 | 196,866 | 71.4 | 73.3 | 0.1 | 10,787 | COAL | 89,980 | 23,599,911 | 2,123,520.0 | 7,740,251 | 3.93 | 86.02 |
| 2. B.B.#2 | 378 | 235,357 | 86.5 | 86.1 | 0.1 | 10,530 | COAL | 105,015 | 23,599,962 | 2,478,350.0 | 9,033,590 | 3.84 | 86.02 |
| 3. B.B.#3 | 383 | 210,995 | 76.5 | 77.8 | 0.1 | 10,635 | COAL | 94,904 | 23,643,998 | 2,243,910.0 | 8,163,823 | 3.87 | 86.02 |
| 4. B.B.#4 | 435 | 272,416 | 87.0 | 87.8 | 0.1 | 10,901 | COAL | 125,602 | 23,643,811 | 2,969,710.0 | 10,804,523 | 3.97 | 86.02 |
| **5. B.B. STA.** | **1,579** | **915,634** | **80.5** | **81.4** | **0.1** | **10,720** | **COAL** | **415,501** | **23,623,264** | **9,815,490.0** | **35,742,187** | **3.90** | **86.02** |
| 6. PHILLIPS #1 (HVY OIL) | 17 | 66 | 0.5 | 83.4 | 0.1 | 9,815 | HVY OIL | 103 | 6,289,470 | 647.8 | 11,885 | 18.01 | 115.39 |
| 7. PHILLIPS #2 (HVY OIL) | 17 | 64 | 0.5 | 83.5 | 0.1 | 19,938 | HVY OIL | 100 | 12,760,000 | 1,276.0 | 11,539 | 18.03 | 115.39 |
| **8. SEB-PHILLIPS TOTAL** | **34** | **130** | **0.5** | **83.5** | **0.1** | **14,799** | **HVY OIL** | **203** | **9,476,923** | **1,923.8** | **23,424** | **18.02** | **115.39** |
| 9. POLK #1 GASIFIER | 235 | 138,347 | 81.8 | - | - | 10,593 | COAL | 53,895 | 27,191,446 | 1,465,483.0 | 6,733,613 | 4.87 | 124.94 |
| 10. POLK #1 CT OIL | 215 | 4,279 | 2.8 | - | - | 10,580 | LGT OIL | 7,811 | 5,795,929 | 45,272.0 | 1,318,843 | 30.82 | 168.84 |
| **11. POLK #1 TOTAL** | **235** | **142,626** | **84.3** | **86.6** | **0.1** | **10,592** | | **-** | **-** | **1,510,755.0** | **8,052,456** | **5.65** | **-** |
| 12. POLK #2 CT GAS | 149 | 2,068 | 1.9 | - | - | 11,696 | GAS | 23,500 | 1,029,234 | 24,187.0 | 274,142 | 13.26 | 11.67 |
| 13. POLK #2 CT OIL | 159 | 109 | 0.1 | - | - | 11,440 | LGT OIL | 200 | 6,235,000 | 1,247.0 | 34,322 | 31.49 | 171.61 |
| **14. POLK #2 TOTAL** | **159** | **2,177** | **1.9** | **98.7** | **0.1** | **11,683** | | **-** | **-** | **25,434.0** | **308,464** | **14.17** | **-** |
| 15. POLK #3 CT GAS | 149 | 3,611 | 3.4 | - | - | 11,520 | GAS | 40,500 | 1,027,111 | 41,598.0 | 472,458 | 13.08 | 11.67 |
| 16. POLK #3 CT OIL | 164 | 190 | 0.2 | - | - | 11,384 | LGT OIL | 400 | 5,407,500 | 2,163.0 | 68,645 | 36.13 | 171.61 |
| **17. POLK #3 TOTAL** | **164** | **3,801** | **3.2** | **98.7** | **0.1** | **11,513** | | **-** | **-** | **43,761.0** | **541,103** | **14.24** | **-** |
| **18. POLK #4 CT GAS** | **149** | **3123** | **2.9** | **98.7** | **0.1** | **12,333** | **GAS** | **37,500** | **1,027,067** | **38515.0** | **437,461** | **14.01** | **11.67** |
| ***19. POLK #5 CT GAS*** | ***149*** | ***1017*** | ***0.9*** | ***98.7*** | ***0.1*** | ***12,258*** | **GAS** | **12,200** | **1,021,803** | **12466.0** | **142,321** | **13.99** | **11.67** |
| **20. CITY OF TAMPA GAS** | **3** | **163** | **7.5** | **100.0** | **0.2** | **10,454** | GAS | **1,700** | 1,002,353 | **1,704.0** | **22,020** | **13.51** | **12.95** |
| 21. BAYSIDE #1 | 700 | 343,440 | 68.1 | 94.7 | 0.1 | 7,409 | GAS | 2,475,200 | 1,028,022 | 2,544,560.0 | 28,874,782 | 8.41 | 11.67 |
| 22. BAYSIDE #2 | 928 | 379,291 | 56.8 | 95.1 | 0.1 | 7,424 | GAS | 2,739,000 | 1,027,999 | 2,815,690.0 | 31,952,176 | 8.42 | 11.67 |
| 23. BAYSIDE #3 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 24. BAYSIDE #4 | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 25. BAYSIDE #5 | 57 | 3,943 | 9.6 | 94.2 | 0.1 | 10,537 | GAS | 40,400 | 1,028,366 | 41,546.0 | 471,292 | 11.95 | 11.67 |
| 26. BAYSIDE #6 | 57 | 2,823 | 6.9 | 94.2 | 0.1 | 10,535 | GAS | 28,900 | 1,029,031 | 29,739.0 | 337,137 | 11.94 | 11.67 |
| **27. BAYSIDE TOTAL** | **1,742** | **729,497** | **58.2** | **94.8** | **0.1** | **7,446** | **GAS** | **5,283,500** | **1,028,018** | **5,431,535.0** | **61,635,387** | **8.45** | **11.67** |
| 28. B.B.C.T.#1 OIL | 10 | 0 | 0.0 | 65.1 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 29. B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 100 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **10** | **0** | **0.0** | **65.1** | **0.0** | **0** | **LGT OIL** | **0** | **0** | **0.0** | **100** | **0.00** | **0.00** |
| **32. B.B.C.T.#4 GAS** | **0** | **0** | **0.0** | **0.0** | **0.0** | **0** | **GAS** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **33. TOT COAL (BB,POLK)** | **1,814** | **1,053,981** | **80.7** | **70.9** | **0.1** | **10,703** | **COAL** | **469,396** | **24,032,955** | **11,280,973.0** | **42,475,800** | **4.03** | **90.49** |
| **34. SYSTEM** | **4,224** | **1,798,168** | **59.1** | **89.8** | **0.1** | **9,388** | **-** | **-** | **-** | **16,881,583.8** | **106,904,923** | **5.95** | **-** |

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

45

SCHEDULE E4

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: OCTOBER 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 383 | 203,945 | 71.6 | 73.3 | 0.1 | 10,686 | COAL | 92,343 | 23,600,056 | 2,179,300.0 | 7,961,938 | 3.90 | 86.22 |
| 2. B.B.#2 | 378 | 243,250 | 86.5 | 86.1 | 0.1 | 10,475 | COAL | 107,972 | 23,600,007 | 2,548,140.0 | 9,309,491 | 3.83 | 86.22 |
| 3. B.B.#3 | 383 | 120,936 | 42.4 | 42.7 | 0.1 | 10,588 | COAL | 54,157 | 23,643,850 | 1,280,480.0 | 4,669,489 | 3.86 | 86.22 |
| 4. B.B.#4 | 435 | 283,141 | 87.5 | 87.8 | 0.1 | 10,781 | COAL | 129,103 | 23,643,835 | 3,052,490.0 | 11,131,434 | 3.93 | 86.22 |
| 5. **B.B. STA.** | **1,579** | **851,272** | **72.5** | **72.9** | **0.1** | **10,643** | **COAL** | **383,575** | **23,620,961** | **9,060,410.0** | **33,072,352** | **3.89** | **86.22** |
| 6. PHILLIPS #1 (HVY OIL) | 17 | 3 | 0.0 | 83.4 | 0.1 | 10,000 | HVY OIL | 5 | 6,000,000 | 30.0 | 590 | 19.67 | 118.00 |
| 7. PHILLIPS #2 (HVY OIL) | 17 | 3 | 0.0 | 83.5 | 0.1 | 20,000 | HVY OIL | 5 | 12,000,000 | 60.0 | 590 | 19.67 | 118.00 |
| 8. **SEB-PHILLIPS TOTAL** | **34** | **6** | **0.0** | **83.5** | **0.1** | **15,000** | **HVY OIL** | **10** | **9,000,000** | **90.0** | **1,180** | **19.67** | **118.00** |
| 9. POLK #1 GASIFIER | 235 | 145,187 | 83.0 | - | - | 10,563 | COAL | 56,343 | 27,219,992 | 1,533,656.0 | 7,187,956 | 4.95 | 127.57 |
| 10. POLK #1 CT OIL | 215 | 4,490 | 2.8 | - | - | 10,541 | LGT OIL | 8,166 | 5,795,738 | 47,328.0 | 1,383,670 | 30.82 | 169.44 |
| 11. **POLK #1 TOTAL** | **235** | **149,677** | **85.6** | **86.6** | **0.1** | **10,563** | | **-** | **-** | **1,580,984.0** | **8,571,626** | **5.73** | **-** |
| 12. POLK #2 CT GAS | 149 | 2,292 | 2.1 | - | - | 12,707 | GAS | 28,400 | 1,025,493 | 29,124.0 | 331,527 | 14.46 | 11.67 |
| 13. POLK #2 CT OIL | 159 | 121 | 0.1 | - | - | 11,802 | LGT OIL | 200 | 7,140,000 | 1,428.0 | 34,438 | 28.46 | 172.19 |
| 14. **POLK #2 TOTAL** | **159** | **2,413** | **2.0** | **98.7** | **0.1** | **12,661** | | **-** | **-** | **30,552.0** | **365,965** | **15.17** | **-** |
| 15. POLK #3 CT GAS | 149 | 224 | 0.2 | - | - | 13,902 | GAS | 3,000 | 1,038,000 | 3,114.0 | 35,020 | 15.63 | 11.67 |
| 16. POLK #3 CT OIL | 164 | 12 | 0.0 | - | - | 11,500 | LGT OIL | 0 | 0 | 138.0 | 0 | 0.00 | 0.00 |
| 17. **POLK #3 TOTAL** | **164** | **236** | **0.2** | **98.7** | **0.1** | **13,780** | | **-** | **-** | **3,252.0** | **35,020** | **14.84** | **-** |
| 18. **POLK #4 CT GAS** | **149** | **4871** | **4.4** | **98.7** | **0.1** | **13,281** | **GAS** | **62,900** | **1,028,490** | **64692.0** | **734,263** | **15.07** | **11.67** |
| 19. **POLK #5 CT GAS** | **149** | **3175** | **2.9** | **98.7** | **0.1** | **13,348** | **GAS** | **41,200** | **1,028,665** | **42381.0** | **480,948** | **15.15** | **11.67** |
| 20. **CITY OF TAMPA GAS** | **3** | **56** | **2.5** | **100.0** | **0.0** | **10,411** | GAS | **600** | 971,667 | **583.0** | **7,722** | **13.79** | **12.87** |
| 21. BAYSIDE #1 | 700 | 254,800 | 48.9 | 73.3 | 0.1 | 7,359 | GAS | 1,824,100 | 1,027,992 | 1,875,160.0 | 21,293,620 | 8.36 | 11.67 |
| 22. BAYSIDE #2 | 928 | 362,937 | 52.6 | 73.6 | 0.1 | 7,425 | GAS | 2,621,300 | 1,027,990 | 2,694,670.0 | 30,599,730 | 8.43 | 11.67 |
| 23. BAYSIDE #3 | 57 | 5,434 | 12.8 | 94.2 | 0.1 | 10,542 | GAS | 55,700 | 1,028,420 | 57,283.0 | 650,214 | 11.97 | 11.67 |
| 24. BAYSIDE #4 | 57 | 4,036 | 9.5 | 94.2 | 0.1 | 10,799 | GAS | 42,400 | 1,027,948 | 43,585.0 | 494,956 | 12.26 | 11.67 |
| 25. BAYSIDE #5 | 57 | 7,284 | 17.2 | 94.2 | 0.1 | 10,531 | GAS | 74,600 | 1,028,217 | 76,705.0 | 870,843 | 11.96 | 11.67 |
| 26. BAYSIDE #6 | 57 | 6,321 | 14.9 | 94.2 | 0.1 | 10,535 | GAS | 64,800 | 1,027,623 | 66,590.0 | 756,442 | 11.97 | 11.67 |
| 27. **BAYSIDE TOTAL** | **1,856** | **640,812** | **46.4** | **76.0** | **0.1** | **7,512** | **GAS** | **4,682,900** | **1,027,994** | **4,813,993.0** | **54,665,805** | **8.53** | **11.67** |
| 28. B.B.C.T.#1 OIL | 10 | 0 | 0.0 | 65.1 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 29. B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 31. **C.T. TOTAL OIL** | **10** | **0** | **0.0** | **65.1** | **0.0** | **0** | **LGT OIL** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| 32. **B.B.C.T.#4 GAS** | **0** | **1,285** | **0.0** | **94.2** | **#DIV/0!** | **10,677** | **GAS** | **13,300** | **1,031,579** | **13,720.0** | **155,257** | **12.08** | **11.67** |
| 33. **TOT COAL (BB,POLK)** | **1,814** | **996,459** | **73.8** | **63.5** | **0.1** | **10,632** | **COAL** | **439,918** | **24,081,911** | **10,594,066.0** | **40,260,308** | **4.04** | **91.52** |
| 34. **SYSTEM** | **4,338** | **1,653,803** | **51.2** | **78.8** | **0.1** | **9,439** | **-** | **-** | **-** | **15,610,657.0** | **98,090,138** | **5.93** | **-** |

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

46

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: NOVEMBER 2009**

| (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. B.B.#1 | 383 | 176,464 | 64.0 | 66.0 | 0.1 | 10,662 | COAL | 79,722 | 23,599,885 | 1,881,430.0 | 6,923,083 | 3.92 | 86.84 |
| 2. B.B.#2 | 378 | 226,836 | 83.3 | 83.2 | 0.1 | 10,491 | COAL | 100,837 | 23,599,968 | 2,379,750.0 | 8,756,716 | 3.86 | 86.84 |
| 3. B.B.#3 | 383 | 202,999 | 73.6 | 77.8 | 0.1 | 10,580 | COAL | 90,837 | 23,643,890 | 2,147,740.0 | 7,888,313 | 3.89 | 86.84 |
| 4. B.B.#4 | 435 | 266,441 | 85.1 | 87.8 | 0.1 | 10,815 | COAL | 121,870 | 23,643,965 | 2,881,490.0 | 10,583,228 | 3.97 | 86.84 |
| **5. B.B. STA.** | **1,579** | **872,740** | **76.8** | **79.0** | **0.1** | **10,645** | **COAL** | **393,266** | **23,623,731** | **9,290,410.0** | **34,151,340** | **3.91** | **86.84** |
| 6. PHILLIPS #1 (HVY OIL) | 17 | 0 | 0.0 | 83.4 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7. PHILLIPS #2 (HVY OIL) | 17 | 0 | 0.0 | 83.5 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **8. SEB-PHILLIPS TOTAL** | **34** | **0** | **0.0** | **83.5** | **0.0** | **0** | **HVY OIL** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| 9. POLK #1 GASIFIER | 235 | 112,456 | 66.5 | - | - | 10,660 | COAL | 44,075 | 27,198,026 | 1,198,753.0 | 5,684,346 | 5.05 | 128.97 |
| 10. POLK #1 CT OIL | 215 | 3,478 | 2.2 | - | - | 10,645 | LGT OIL | 6,388 | 5,795,711 | 37,023.0 | 1,085,495 | 31.21 | 169.93 |
| **11. POLK #1 TOTAL** | **235** | **115,934** | **68.5** | **72.2** | **0.1** | **10,659** | | **-** | **-** | **1,235,776.0** | **6,769,841** | **5.84** | **-** |
| 12. POLK #2 CT GAS | 149 | 4 | 0.0 | - | - | 10,750 | GAS | 0 | 0 | 43.0 | 0 | 0.00 | 0.00 |
| 13. POLK #2 CT OIL | 159 | 0 | 0.0 | - | - | 0 | LGT OIL | 0 | 0 | 2.0 | 0 | 0.00 | 0.00 |
| **14. POLK #2 TOTAL** | **159** | **4** | **0.0** | **88.8** | **0.1** | **11,250** | | **-** | **-** | **45.0** | **0** | **0.00** | **-** |
| 15. POLK #3 CT GAS | 149 | 1 | 0.0 | - | - | 8,000 | GAS | 0 | 0 | 8.0 | 0 | 0.00 | 0.00 |
| 16. POLK #3 CT OIL | 164 | 0 | 0.0 | - | - | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **17. POLK #3 TOTAL** | **164** | **1** | **0.0** | **88.8** | **0.1** | **8,000** | | **-** | **-** | **8.0** | **0** | **0.00** | **-** |
| **18. POLK #4 CT GAS** | **149** | **47** | **0.0** | **88.8** | **0.1** | **11,830** | **GAS** | **500** | **1,112,000** | **556.0** | **6,061** | **12.90** | **12.12** |
| **19. POLK #5 CT GAS** | **149** | **14** | **0.0** | **88.8** | **0.1** | **11,571** | **GAS** | **200** | **810,000** | **162.0** | **2,425** | **17.32** | **12.13** |
| **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 | 700 | 192,187 | 38.1 | 94.7 | 0.1 | 7,365 | GAS | 1,377,000 | 1,027,974 | 1,415,520.0 | 16,692,748 | 8.69 | 12.12 |
| 22. BAYSIDE #2 | 928 | 206,939 | 31.0 | 95.1 | 0.1 | 7,448 | GAS | 1,499,200 | 1,028,008 | 1,541,190.0 | 18,174,123 | 8.78 | 12.12 |
| 23. BAYSIDE #3 | 57 | 581 | 1.4 | 94.2 | 0.1 | 11,291 | GAS | 6,400 | 1,025,000 | 6,560.0 | 77,584 | 13.35 | 12.12 |
| 24. BAYSIDE #4 | 57 | 608 | 1.5 | 94.2 | 0.1 | 11,332 | GAS | 6,700 | 1,028,358 | 6,890.0 | 81,221 | 13.36 | 12.12 |
| 25. BAYSIDE #5 | 57 | 642 | 1.6 | 94.2 | 0.1 | 10,863 | GAS | 6,800 | 1,025,588 | 6,974.0 | 82,433 | 12.84 | 12.12 |
| 26. BAYSIDE #6 | 57 | 604 | 1.5 | 94.2 | 0.1 | 11,071 | GAS | 6,500 | 1,028,769 | 6,687.0 | 78,797 | 13.05 | 12.12 |
| **27. BAYSIDE TOTAL** | **1,856** | **401,561** | **30.0** | **94.8** | **0.1** | **7,431** | **GAS** | **2,902,600** | **1,027,982** | **2,983,821.0** | **35,186,906** | **8.76** | **12.12** |
| 28. B.B.C.T.#1 OIL | 10 | 0 | 0.0 | 65.1 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 29. B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| **31. C.T. TOTAL OIL** | **10** | **0** | **0.0** | **65.1** | **0.0** | **0** | **LGT OIL** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| **32. B.B.C.T.#4 GAS** | **0** | **100** | **0.0** | **94.2** | **#DIV/0!** | **10,430** | **GAS** | **1,000** | **1,043,000** | **1,043.0** | **12,123** | **12.12** | **12.12** |
| **33. TOT COAL (BB,POLK)** | **1,814** | **985,196** | **75.4** | **68.7** | **0.1** | **10,647** | **COAL** | **437,341** | **23,983,946** | **10,489,163.0** | **39,835,686** | **4.04** | **91.09** |
| **34. SYSTEM** | **4,338** | **1,390,401** | **44.5** | **86.8** | **0.1** | **9,718** | **-** | **-** | **-** | **13,511,821.0** | **76,128,696** | **5.48** | **-** |

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

**TAMPA ELECTRIC COMPANY**
**SYSTEM NET GENERATION AND FUEL COST**
**ESTIMATED FOR THE PERIOD: DECEMBER 2009**

| | (A) PLANT/UNIT | (B) NET CAPA-BILITY (MW) | (C) NET GENERATION (MWH) | (D) NET CAPACITY FACTOR (%) | (E) EQUIV. AVAIL. FACTOR (%) | (F) NET OUTPUT FACTOR (%) | (G) AVG. NET HEAT RATE (BTU/KWH) | (H) FUEL TYPE | (I) FUEL BURNED (UNITS) | (J) FUEL HEAT VALUE (BTU/UNIT) | (K) FUEL BURNED (MM BTU) | (L) AS BURNED FUEL COST ($) | (M) FUEL COST PER KWH (cents/KWH) | (N) COST OF FUEL ($/UNIT) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | B.B.#1 | 393 | 0 | 0.0 | 0.0 | 0.0 | 0 | COAL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 2. | B.B.#2 | 388 | 87,736 | 30.4 | 30.5 | 0.1 | 10,499 | COAL | 39,031 | 23,600,215 | 921,140.0 | 3,394,163 | 3.87 | 86.96 |
| 3. | B.B.#3 | 393 | 222,530 | 76.1 | 77.8 | 0.1 | 10,562 | COAL | 99,404 | 23,643,817 | 2,350,290.0 | 8,644,242 | 3.88 | 86.96 |
| 4. | B.B.#4 | 445 | 287,270 | 86.8 | 87.8 | 0.1 | 10,784 | COAL | 131,022 | 23,643,739 | 3,097,850.0 | 11,393,765 | 3.97 | 86.96 |
| 5. | **B.B. STA.** | **1,619** | **597,536** | **49.6** | **50.3** | **0.1** | **10,659** | **COAL** | **269,457** | **23,637,463** | **6,369,280.0** | **23,432,170** | **3.92** | **86.96** |
| 6. | PHILLIPS #1 (HVY OIL) | 18 | 0 | 0.0 | 83.4 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7. | PHILLIPS #2 (HVY OIL) | 18 | 0 | 0.0 | 83.5 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 8. | **SEB-PHILLIPS TOTAL** | **36** | **0** | **0.0** | **83.5** | **0.0** | **0** | **HVY OIL** | **0** | **0** | **0.0** | **0** | **0.00** | **0.00** |
| 9. | POLK #1 GASIFIER | 240 | 145,571 | 81.5 | - | - | 10,585 | COAL | 56,608 | 27,219,580 | 1,540,846.0 | 7,392,000 | 5.08 | 130.58 |
| 10. | POLK #1 CT OIL | 235 | 4,502 | 2.6 | - | - | 10,562 | LGT OIL | 8,204 | 5,796,075 | 47,551.0 | 1,399,038 | 31.08 | 170.53 |
| 11. | **POLK #1 TOTAL** | **240** | **150,073** | **84.0** | **86.6** | **0.1** | **10,584** | | **-** | **-** | **1,588,397.0** | **8,791,038** | **5.86** | **-** |
| 12. | POLK #2 CT GAS | 184 | 12 | 0.0 | - | - | 11,583 | GAS | 100 | 1,390,000 | 139.0 | 1,201 | 10.01 | 12.01 |
| 13. | POLK #2 CT OIL | 184 | 1 | 0.0 | - | - | 7,000 | LGT OIL | 0 | 0 | 7.0 | 0 | 0.00 | 0.00 |
| 14. | **POLK #2 TOTAL** | **184** | **13** | **0.0** | **98.7** | **0.1** | **11,231** | | **-** | **-** | **146.0** | **1,201** | **9.24** | **-** |
| 15. | POLK #3 CT GAS | 184 | 2 | 0.0 | - | - | 15,000 | GAS | 0 | 0 | 30.0 | 0 | 0.00 | 0.00 |
| 16. | POLK #3 CT OIL | 184 | 0 | 0.0 | - | - | 0 | LGT OIL | 0 | 0 | 2.0 | 0 | 0.00 | 0.00 |
| 17. | **POLK #3 TOTAL** | **184** | **2** | **0.0** | **98.7** | **0.0** | **16,000** | | **-** | **-** | **32.0** | **0** | **0.00** | **-** |
| 18. | **POLK #4 CT GAS** | **184** | **153** | **0.1** | **98.7** | **0.1** | **15,007** | **GAS** | **2,200** | **1,043,636** | **2296.0** | **26,415** | **17.26** | **12.01** |
| 19. | **POLK #5 CT GAS** | **184** | **46** | **0.0** | **98.7** | **0.1** | **11,674** | **GAS** | **500** | **1,074,000** | **537.0** | **6,003** | **13.05** | **12.01** |
| 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 | 791 | 441,203 | 75.0 | 94.7 | 0.1 | 7,230 | GAS | 3,103,000 | 1,027,999 | 3,189,880.0 | 37,256,540 | 8.44 | 12.01 |
| 22. | BAYSIDE #2 | 1,046 | 274,835 | 35.3 | 95.1 | 0.1 | 7,397 | GAS | 1,977,500 | 1,028,000 | 2,032,870.0 | 23,743,090 | 8.64 | 12.01 |
| 23. | BAYSIDE #3 | 62 | 497 | 1.1 | 94.2 | 0.1 | 11,191 | GAS | 5,400 | 1,030,000 | 5,562.0 | 64,836 | 13.05 | 12.01 |
| 24. | BAYSIDE #4 | 62 | 483 | 1.0 | 94.2 | 0.1 | 11,325 | GAS | 5,300 | 1,032,075 | 5,470.0 | 63,635 | 13.17 | 12.01 |
| 25. | BAYSIDE #5 | 62 | 551 | 1.2 | 94.2 | 0.1 | 10,911 | GAS | 5,800 | 1,036,552 | 6,012.0 | 69,638 | 12.64 | 12.01 |
| 26. | BAYSIDE #6 | 62 | 519 | 1.1 | 94.2 | 0.1 | 11,060 | GAS | 5,600 | 1,025,000 | 5,740.0 | 67,237 | 12.96 | 12.01 |
| 27. | **BAYSIDE TOTAL** | **2,085** | **718,088** | **46.3** | **94.8** | **0.1** | **7,305** | **GAS** | **5,102,600** | **1,028,012** | **5,245,534.0** | **61,264,976** | **8.53** | **12.01** |
| 28. | B.B.C.T.#1 OIL | 11 | 0 | 0.0 | 65.1 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 29. | B.B.C.T.#2 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30. | B.B.C.T.#3 OIL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | LGT OIL | 0 | 0 | 0.0 | 100 | 0.00 | 0.00 |
| 31. | **C.T. TOTAL OIL** | **11** | **0** | **0.0** | **65.1** | **0.0** | **0** | **LGT OIL** | **0** | **0** | **0.0** | **100** | **0.00** | **0.00** |
| 32. | **B.B.C.T.#4 GAS** | **62** | **475** | **1.0** | **94.2** | **0.1** | **11,476** | **GAS** | **5,300** | **1,028,491** | **5,451.0** | **63,635** | **13.40** | **12.01** |
| 33. | **TOT COAL (BB,POLK)** | **1,859** | **743,107** | **53.7** | **43.8** | **0.1** | **10,645** | **COAL** | **326,065** | **24,259,353** | **7,910,126.0** | **30,824,170** | **4.15** | **94.53** |
| 34. | **SYSTEM** | **4,792** | **1,466,386** | **41.1** | **79.8** | **0.1** | **9,010** | **-** | **-** | **-** | **13,211,673.0** | **93,585,538** | **6.38** | **-** |

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

48

SCHEDULE E5

TAMPA ELECTRIC COMPANY
SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH JUNE 2009

| | Jan-09 | Feb-09 | Mar-09 | Apr-09 | May-09 | Jun-09 |
|---|---|---|---|---|---|---|
| HEAVY OIL | | | | | | |
| 1. PURCHASES: | | | | | | |
| 2. UNITS (BBL) | 1,825 | 10 | 7 | 12 | 39 | 46 |
| 3. UNIT COST ($/BBL) | 118.52 | 119.00 | 119.29 | 119.58 | 119.85 | 120.02 |
| 4. AMOUNT ($) | 216,303 | 1,190 | 835 | 1,435 | 4,674 | 5,521 |
| 5. BURNED: | | | | | | |
| 6. UNITS (BBL) | 1,825 | 10 | 7 | 12 | 39 | 46 |
| 7. UNIT COST ($/BBL) | 117.06 | 106.90 | 107.00 | 115.33 | 107.00 | 107.09 |
| 8. AMOUNT ($) | 213,634 | 1,069 | 749 | 1,384 | 4,173 | 4,926 |
| 9. ENDING INVENTORY: | | | | | | |
| 10. UNITS (BBL) | 7,973 | 7,973 | 7,973 | 7,973 | 7,973 | 7,973 |
| 11. UNIT COST ($/BBL) | 106.90 | 106.91 | 106.92 | 106.94 | 107.00 | 107.08 |
| 12. AMOUNT ($) | 852,271 | 852,392 | 852,479 | 852,631 | 853,131 | 853,727 |
| 13. DAYS SUPPLY: | 31 | 28 | 26 | 24 | 23 | 22 |
| LIGHT OIL | | | | | | |
| 14. PURCHASES: | | | | | | |
| 15. UNITS (BBL) | 9,906 | 2,078 | 8,617 | 10,808 | 11,411 | 11,061 |
| 16. UNIT COST ($/BBL) | 176.59 | 176.61 | 176.20 | 174.47 | 172.66 | 171.33 |
| 17. AMOUNT ($) | 1,749,260 | 366,992 | 1,518,301 | 1,885,681 | 1,970,263 | 1,895,048 |
| 18. BURNED: | | | | | | |
| 19. UNITS (BBL) | 9,906 | 2,078 | 8,617 | 10,808 | 11,411 | 11,061 |
| 20. UNIT COST ($/BBL) | 127.74 | 9.09 | 125.77 | 131.49 | 128.66 | 128.05 |
| 21. AMOUNT ($) | 1,265,370 | 18,886 | 1,083,793 | 1,421,121 | 1,468,163 | 1,416,401 |
| 22. ENDING INVENTORY: | | | | | | |
| 23. UNITS (BBL) | 81,907 | 81,907 | 81,907 | 81,907 | 81,907 | 81,907 |
| 24. UNIT COST ($/BBL) | 152.61 | 153.32 | 155.05 | 156.67 | 158.01 | 159.03 |
| 25. AMOUNT ($) | 12,500,214 | 12,557,679 | 12,699,359 | 12,832,215 | 12,942,059 | 13,025,603 |
| 26. DAYS SUPPLY: NORMAL | 253 | 246 | 243 | 245 | 247 | 248 |
| 27. DAYS SUPPLY: EMERGENCY | 12 | 12 | 12 | 12 | 12 | 12 |
| COAL | | | | | | |
| 28. PURCHASES: | | | | | | |
| 29. UNITS (TONS) | 398,399 | 400,000 | 398,764 | 404,441 | 400,999 | 403,586 |
| 30. UNIT COST ($/TON) | 83.68 | 82.70 | 85.34 | 92.13 | 92.73 | 89.17 |
| 31. AMOUNT ($) | 33,337,342 | 33,078,524 | 34,029,864 | 37,260,600 | 37,185,702 | 35,987,542 |
| 32. BURNED: | | | | | | |
| 33. UNITS (TONS) | 362,096 | 285,294 | 366,239 | 328,433 | 362,315 | 467,380 |
| 34. UNIT COST ($/TON) | 80.39 | 81.76 | 83.75 | 88.26 | 90.54 | 89.41 |
| 35. AMOUNT ($) | 29,110,051 | 23,324,501 | 30,672,816 | 28,988,352 | 32,802,939 | 41,786,667 |
| 36. ENDING INVENTORY: | | | | | | |
| 37. UNITS (TONS) | 516,821 | 631,527 | 664,052 | 740,060 | 778,744 | 714,950 |
| 38. UNIT COST ($/TON) | 79.40 | 81.06 | 82.80 | 86.11 | 88.18 | 88.68 |
| 39. AMOUNT ($) | 41,038,073 | 51,190,108 | 54,982,589 | 63,725,622 | 68,668,197 | 63,399,052 |
| 40. DAYS SUPPLY: | 38 | 48 | 50 | 56 | 59 | 54 |
| NATURAL GAS | | | | | | |
| 41. PURCHASES: | | | | | | |
| 42. UNITS (MCF) | 4,044,500 | 4,580,900 | 4,000,439 | 4,768,439 | 6,369,600 | 5,616,823 |
| 43. UNIT COST ($/MCF) | 14.60 | 13.93 | 13.39 | 12.25 | 11.84 | 11.72 |
| 44. AMOUNT ($) | 59,058,492 | 63,790,448 | 53,551,016 | 58,428,107 | 75,424,843 | 65,846,990 |
| 45. BURNED: | | | | | | |
| 46. UNITS (MCF) | 4,044,500 | 4,580,900 | 4,005,300 | 4,773,300 | 6,369,600 | 5,607,100 |
| 47. UNIT COST ($/MCF) | 14.66 | 14.01 | 13.60 | 12.29 | 11.87 | 11.72 |
| 48. AMOUNT ($) | 59,310,492 | 64,172,948 | 54,482,228 | 58,676,545 | 75,596,443 | 65,736,615 |
| 49. ENDING INVENTORY: | | | | | | |
| 50. UNITS (MCF) | 437,530 | 437,530 | 432,669 | 427,807 | 427,807 | 437,530 |
| 51. UNIT COST ($/MCF) | 14.16 | 13.28 | 11.28 | 10.83 | 10.43 | 10.45 |
| 52. AMOUNT ($) | 6,194,250 | 5,811,750 | 4,880,538 | 4,632,100 | 4,460,500 | 4,570,875 |
| 53. DAYS SUPPLY: | 3 | 3 | 3 | 3 | 3 | 3 |
| NUCLEAR | | | | | | |
| 54. BURNED: | | | | | | |
| 55. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 56. UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57. AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 |
| OTHER | | | | | | |
| 58. PURCHASES: | | | | | | |
| 59. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 60. UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61. AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 |
| 62. BURNED: | | | | | | |
| 63. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 64. UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65. AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 |
| 66. ENDING INVENTORY: | | | | | | |
| 67. UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 |
| 68. UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 69. AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 |
| 70. DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 |

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

SCHEDULE E5

**TAMPA ELECTRIC COMPANY**
**SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS**
**ESTIMATED FOR THE PERIOD: JULY 2009 THROUGH DECEMBER 2009**

| | | Jul-09 | Aug-09 | Sep-09 | Oct-09 | Nov-09 | Dec-09 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| | **HEAVY OIL** | | | | | | | |
| 1. | PURCHASES: | | | | | | | |
| 2. | UNITS (BBL) | 206 | 199 | 203 | 10 | 0 | 0 | 2,557 |
| 3. | UNIT COST ($/BBL) | 120.22 | 120.47 | 120.66 | 120.80 | 0.00 | 0.00 | 119.04 |
| 4. | AMOUNT ($) | 24,765 | 23,973 | 24,493 | 1,208 | 0 | 0 | 304,397 |
| 5. | BURNED: | | | | | | | |
| 6. | UNITS (BBL) | 206 | 199 | 203 | 10 | 0 | 0 | 2,557 |
| 7. | UNIT COST ($/BBL) | 115.11 | 115.21 | 115.39 | 118.00 | 0.00 | 0.00 | 116.22 |
| 8. | AMOUNT ($) | 23,712 | 22,926 | 23,424 | 1,180 | 0 | 0 | 297,177 |
| 9. | ENDING INVENTORY: | | | | | | | |
| 10. | UNITS (BBL) | 7,973 | 7,973 | 7,973 | 7,973 | 7,973 | 7,973 | 7,973 |
| 11. | UNIT COST ($/BBL) | 107.41 | 107.73 | 108.05 | 108.07 | 108.07 | 108.06 | 108.06 |
| 12. | AMOUNT ($) | 856,365 | 858,900 | 861,460 | 861,587 | 861,587 | 861,587 | 861,587 |
| 13. | DAYS SUPPLY: | 21 | 20 | 20 | 20 | 20 | 20 | - |
| | **LIGHT OIL** | | | | | | | |
| 14. | PURCHASES: | | | | | | | |
| 15. | UNITS (BBL) | 11,465 | 11,664 | 11,015 | 10,578 | 8,983 | 9,976 | 117,562 |
| 16. | UNIT COST ($/BBL) | 170.87 | 171.10 | 171.50 | 172.09 | 172.63 | 173.21 | 172.92 |
| 17. | AMOUNT ($) | 1,959,013 | 1,995,742 | 1,889,097 | 1,820,396 | 1,550,774 | 1,727,931 | 20,328,498 |
| 18. | BURNED: | | | | | | | |
| 19. | UNITS (BBL) | 11,465 | 11,664 | 11,015 | 10,578 | 8,983 | 9,976 | 117,562 |
| 20. | UNIT COST ($/BBL) | 129.79 | 130.96 | 129.09 | 134.06 | 120.84 | 140.25 | 127.71 |
| 21. | AMOUNT ($) | 1,488,098 | 1,527,547 | 1,421,910 | 1,418,108 | 1,085,495 | 1,399,138 | 15,014,030 |
| 22. | ENDING INVENTORY: | | | | | | | |
| 23. | UNITS (BBL) | 81,907 | 81,907 | 81,907 | 81,907 | 81,907 | 81,907 | 81,907 |
| 24. | UNIT COST ($/BBL) | 159.90 | 160.71 | 161.48 | 162.18 | 162.89 | 163.50 | 163.50 |
| 25. | AMOUNT ($) | 13,097,207 | 13,163,679 | 13,226,710 | 13,283,935 | 13,342,058 | 13,391,835 | 13,391,835 |
| 26. | DAYS SUPPLY: NORMAL | 250 | 252 | 254 | 254 | 255 | 254 | - |
| 27. | DAYS SUPPLY: EMERGENCY | 12 | 12 | 12 | 12 | 12 | 12 | - |
| | **COAL** | | | | | | | |
| 28. | PURCHASES: | | | | | | | |
| 29. | UNITS (TONS) | 455,622 | 435,612 | 448,895 | 386,344 | 384,075 | 386,608 | 4,903,345 |
| 30. | UNIT COST ($/TON) | 89.85 | 91.15 | 89.51 | 91.95 | 91.37 | 92.43 | 89.34 |
| 31. | AMOUNT ($) | 40,938,980 | 39,704,079 | 40,178,741 | 35,525,109 | 35,094,715 | 35,732,455 | 438,053,653 |
| 32. | BURNED: | | | | | | | |
| 33. | UNITS (TONS) | 487,308 | 486,987 | 469,396 | 439,918 | 437,341 | 326,065 | 4,818,772 |
| 34. | UNIT COST ($/TON) | 90.01 | 90.61 | 90.49 | 91.52 | 91.09 | 94.53 | 88.83 |
| 35. | AMOUNT ($) | 43,862,095 | 44,126,308 | 42,475,800 | 40,260,308 | 39,835,686 | 30,824,170 | 428,069,693 |
| 36. | ENDING INVENTORY: | | | | | | | |
| 37. | UNITS (TONS) | 683,264 | 631,889 | 611,389 | 557,814 | 504,548 | 565,091 | 565,091 |
| 38. | UNIT COST ($/TON) | 89.41 | 90.58 | 90.73 | 91.87 | 93.25 | 92.73 | 92.73 |
| 39. | AMOUNT ($) | 61,094,004 | 57,234,821 | 55,474,151 | 51,246,576 | 47,046,738 | 52,399,346 | 52,399,346 |
| 40. | DAYS SUPPLY: | 52 | 47 | 46 | 42 | 37 | 41 | - |
| | **NATURAL GAS** | | | | | | | |
| 41. | PURCHASES: | | | | | | | |
| 42. | UNITS (MCF) | 6,318,812 | 6,436,551 | 5,394,039 | 4,662,149 | 2,744,149 | 5,115,700 | 60,052,100 |
| 43. | UNIT COST ($/MCF) | 11.67 | 11.56 | 11.67 | 11.75 | 12.23 | 11.79 | 12.25 |
| 44. | AMOUNT ($) | 73,734,753 | 74,391,897 | 62,940,901 | 54,763,667 | 33,566,640 | 60,291,230 | 735,788,984 |
| 45. | BURNED: | | | | | | | |
| 46. | UNITS (MCF) | 6,143,800 | 6,266,400 | 5,398,900 | 4,832,300 | 2,904,300 | 5,110,700 | 60,037,100 |
| 47. | UNIT COST ($/MCF) | 11.70 | 11.59 | 11.67 | 11.67 | 12.12 | 12.01 | 12.30 |
| 48. | AMOUNT ($) | 71,900,103 | 72,604,534 | 62,983,789 | 56,410,542 | 35,207,515 | 61,362,230 | 738,443,984 |
| 49. | ENDING INVENTORY: | | | | | | | |
| 50. | UNITS (MCF) | 612,543 | 782,693 | 777,832 | 607,681 | 447,530 | 452,530 | 452,530 |
| 51. | UNIT COST ($/MCF) | 10.46 | 10.47 | 10.48 | 10.70 | 10.86 | 8.38 | 0.00 |
| 52. | AMOUNT ($) | 6,405,525 | 8,192,888 | 8,150,000 | 6,503,125 | 4,862,250 | 3,791,250 | 3,791,250 |
| 53. | DAYS SUPPLY: | 4 | 5 | 5 | 4 | 3 | 3 | - |
| | **NUCLEAR** | | | | | | | |
| 54. | BURNED: | | | | | | | |
| 55. | UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 56. | UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 57. | AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | **OTHER** | | | | | | | |
| 58. | PURCHASES: | | | | | | | |
| 59. | UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 60. | UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 61. | AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 62. | BURNED: | | | | | | | |
| 63. | UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 64. | UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 65. | AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 66. | ENDING INVENTORY: | | | | | | | |
| 67. | UNITS (MMBTU) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 68. | UNIT COST ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 69. | AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 70. | DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 | - |

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

SCHEDULE E6

TAMPA ELECTRIC COMPANY
POWER SOLD
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH JUNE 2009

| (1) MONTH | (2) SOLD TO | (3) TYPE & SCHEDULE | | (4) TOTAL MWH SOLD | (5) MWH WHEELED FROM OTHER SYSTEMS | (6) MWH FROM OWN GENERATION | (7) CENTS/KWH (A) FUEL COST | (7) CENTS/KWH (B) TOTAL COST | (8) TOTAL $ FOR FUEL ADJUSTMENT | (9) TOTAL COST $ | (10) GAINS ON SALES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Jan-09 | SEMINOLE | JURISD. | SCH. -D | 1,276.0 | 0.0 | 1,276.0 | 9.112 | 9.394 | 116,266.67 | 119,866.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,383.0 | 0.0 | 1,383.0 | 4.346 | 6.667 | 60,100.00 | 92,200.00 | 27,000.00 |
| | **TOTAL** | | | **2,659.0** | **0.0** | **2,659.0** | **6.633** | **7.975** | **176,366.67** | **212,066.67** | **30,600.00** |
| Feb-09 | SEMINOLE | JURISD. | SCH. -D | 1,276.0 | 0.0 | 1,276.0 | 8.109 | 8.391 | 103,466.67 | 107,066.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,017.0 | 0.0 | 1,017.0 | 4.208 | 6.735 | 42,800.00 | 68,500.00 | 21,900.00 |
| | **TOTAL** | | | **2,293.0** | **0.0** | **2,293.0** | **6.379** | **7.657** | **146,266.67** | **175,566.67** | **25,500.00** |
| Mar-09 | SEMINOLE | JURISD. | SCH. -D | 1,472.0 | 0.0 | 1,472.0 | 8.476 | 8.721 | 124,766.67 | 128,366.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 317.0 | 0.0 | 317.0 | 4.606 | 5.868 | 14,600.00 | 18,600.00 | 2,800.00 |
| | **TOTAL** | | | **1,789.0** | **0.0** | **1,789.0** | **7.790** | **8.215** | **139,366.67** | **146,966.67** | **6,400.00** |
| Apr-09 | SEMINOLE | JURISD. | SCH. -D | 1,570.0 | 0.0 | 1,570.0 | 8.023 | 8.253 | 125,966.67 | 129,566.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 14.0 | 0.0 | 14.0 | 4.286 | 5.714 | 600.00 | 800.00 | 100.00 |
| | **TOTAL** | | | **1,584.0** | **0.0** | **1,584.0** | **7.990** | **8.230** | **126,566.67** | **130,366.67** | **3,700.00** |
| May-09 | SEMINOLE | JURISD. | SCH. -D | 1,570.0 | 0.0 | 1,570.0 | 6.947 | 7.176 | 109,066.67 | 112,666.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,943.0 | 0.0 | 1,943.0 | 4.138 | 5.764 | 80,400.00 | 112,000.00 | 24,400.00 |
| | **TOTAL** | | | **3,513.0** | **0.0** | **3,513.0** | **5.393** | **6.395** | **189,466.67** | **224,666.67** | **28,000.00** |
| Jun-09 | SEMINOLE | JURISD. | SCH. -D | 1,668.0 | 0.0 | 1,668.0 | 6.155 | 6.371 | 102,666.67 | 106,266.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 6,484.0 | 0.0 | 6,484.0 | 4.662 | 6.598 | 302,300.00 | 427,800.00 | 101,400.00 |
| | **TOTAL** | | | **8,152.0** | **0.0** | **8,152.0** | **4.968** | **6.551** | **404,966.67** | **534,066.67** | **105,000.00** |

SCHEDULE E6

TAMPA ELECTRIC COMPANY
POWER SOLD
ESTIMATED FOR THE PERIOD: JULY 2009 THROUGH DECEMBER 2009

| (1) | (2) | | (3) | (4) | (5) | (6) | (7) | | (8) | (9) | (10) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | MWH WHEELED | | CENTS/KWH | | | | |
| MONTH | SOLD TO | | TYPE & SCHEDULE | TOTAL MWH SOLD | FROM OTHER SYSTEMS | MWH FROM OWN GENERATION | (A) FUEL COST | (B) TOTAL COST | TOTAL $ FOR FUEL ADJUSTMENT | TOTAL COST $ | GAINS ON SALES |
| Jul-09 | SEMINOLE | JURISD. | SCH. -D | 1,865.0 | 0.0 | 1,865.0 | 6.406 | 6.599 | 119,466.67 | 123,066.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 5,590.0 | 0.0 | 5,590.0 | 4.508 | 6.530 | 252,000.00 | 365,000.00 | 92,300.00 |
| | TOTAL | | | 7,455.0 | 0.0 | 7,455.0 | 4.983 | 6.547 | 371,466.67 | 488,066.67 | 95,900.00 |
| Aug-09 | SEMINOLE | JURISD. | SCH. -D | 1,766.0 | 0.0 | 1,766.0 | 6.312 | 6.516 | 111,466.67 | 115,066.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 5,091.0 | 0.0 | 5,091.0 | 4.133 | 6.403 | 210,400.00 | 326,000.00 | 96,700.00 |
| | TOTAL | | | 6,857.0 | 0.0 | 6,857.0 | 4.694 | 6.432 | 321,866.67 | 441,066.67 | 100,300.00 |
| Sep-09 | SEMINOLE | JURISD. | SCH. -D | 1,864.0 | 0.0 | 1,864.0 | 6.602 | 6.795 | 123,066.67 | 126,666.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 5,005.0 | 0.0 | 5,005.0 | 4.641 | 7.045 | 232,300.00 | 352,600.00 | 101,700.00 |
| | TOTAL | | | 6,869.0 | 0.0 | 6,869.0 | 5.173 | 6.977 | 355,366.67 | 479,266.67 | 105,300.00 |
| Oct-09 | SEMINOLE | JURISD. | SCH. -D | 1,374.0 | 0.0 | 1,374.0 | 6.846 | 7.108 | 94,066.67 | 97,666.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 1,917.0 | 0.0 | 1,917.0 | 4.418 | 6.161 | 84,700.00 | 118,100.00 | 26,300.00 |
| | TOTAL | | | 3,291.0 | 0.0 | 3,291.0 | 5.432 | 6.556 | 178,766.67 | 215,766.67 | 29,900.00 |
| Nov-09 | SEMINOLE | JURISD. | SCH. -D | 1,177.0 | 0.0 | 1,177.0 | 4.916 | 5.222 | 57,866.67 | 61,466.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 6,332.0 | 0.0 | 6,332.0 | 4.961 | 6.920 | 314,100.00 | 438,200.00 | 100,600.00 |
| | TOTAL | | | 7,509.0 | 0.0 | 7,509.0 | 4.954 | 6.654 | 371,966.67 | 499,666.67 | 104,200.00 |
| Dec-09 | SEMINOLE | JURISD. | SCH. -D | 1,177.0 | 0.0 | 1,177.0 | 6.327 | 6.633 | 74,466.67 | 78,066.67 | 3,600.00 |
| | VARIOUS | JURISD. | MKT. BASE | 4,448.0 | 0.0 | 4,448.0 | 4.723 | 6.884 | 210,100.00 | 306,200.00 | 79,600.00 |
| | TOTAL | | | 5,625.0 | 0.0 | 5,625.0 | 5.059 | 6.831 | 284,566.67 | 384,266.67 | 83,200.00 |
| TOTAL | SEMINOLE | JURISD. | SCH. -D | 18,055.0 | 0.0 | 18,055.0 | 6.993 | 7.232 | 1,262,600.00 | 1,305,800.00 | 43,200.00 |
| Jan-09 | VARIOUS | JURISD. | MKT. BASE | 39,541.0 | 0.0 | 39,541.0 | 4.563 | 6.641 | 1,804,400.00 | 2,626,000.00 | 674,800.00 |
| THRU | | | | | | | | | | | |
| Dec-09 | TOTAL | | | 57,596.0 | 0.0 | 57,596.0 | 5.325 | 6.827 | 3,067,000.00 | 3,931,800.00 | 718,000.00 |

TAMPA ELECTRIC COMPANY
PURCHASED POWER
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH JUNE 2009

SCHEDULE E7

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | MWH | MWH | | CENTS/KWH | | |
| | | TYPE | TOTAL | FOR | FOR | MWH | (A) | (B) | TOTAL $ |
| | PURCHASED | & | MWH | OTHER | INTERRUP- | FOR | FUEL | TOTAL | FOR FUEL |
| MONTH | FROM | SCHEDULE | PURCHASED | UTILITIES | TIBLE | FIRM | COST | COST | ADJUSTMENT |
| Jan-09 | | | | | | | | | |
| | HPP | IPP | 26,842.0 | 0.0 | 0.0 | 26,842.0 | 21.820 | 21.820 | 5,857,000.00 |
| | CALPINE | SCH. D | 5,681.0 | 0.0 | 0.0 | 5,681.0 | 20.077 | 20.077 | 1,140,600.00 |
| | RELIANT | SCH. D | 36,280.0 | 0.0 | 0.0 | 36,280.0 | 17.612 | 17.612 | 6,389,700.00 |
| | PASCO COGEN | SCH. D | 36,045.0 | 0.0 | 0.0 | 36,045.0 | 13.518 | 13.518 | 4,872,700.00 |
| | **TOTAL** | | **104,848.0** | **0.0** | **0.0** | **104,848.0** | **17.416** | **17.416** | **18,260,000.00** |
| Feb-09 | | | | | | | | | |
| | HPP | IPP | 16,300.0 | 0.0 | 0.0 | 16,300.0 | 16.395 | 16.395 | 2,672,400.00 |
| | CALPINE | SCH. D | 133.0 | 0.0 | 0.0 | 133.0 | 21.278 | 21.278 | 28,300.00 |
| | RELIANT | SCH. D | 7,444.0 | 0.0 | 0.0 | 7,444.0 | 17.163 | 17.163 | 1,277,600.00 |
| | PASCO COGEN | SCH. D | 7,703.0 | 0.0 | 0.0 | 7,703.0 | 12.912 | 12.912 | 994,600.00 |
| | **TOTAL** | | **31,580.0** | **0.0** | **0.0** | **31,580.0** | **15.747** | **15.747** | **4,972,900.00** |
| Mar-09 | | | | | | | | | |
| | HPP | IPP | 13,938.0 | 0.0 | 0.0 | 13,938.0 | 15.297 | 15.297 | 2,132,100.00 |
| | CALPINE | SCH. D | 66.0 | 0.0 | 0.0 | 66.0 | 17.576 | 17.576 | 11,600.00 |
| | RELIANT | SCH. D | 7,810.0 | 0.0 | 0.0 | 7,810.0 | 16.597 | 16.597 | 1,296,200.00 |
| | PASCO COGEN | SCH. D | 11,660.0 | 0.0 | 0.0 | 11,660.0 | 12.321 | 12.321 | 1,436,600.00 |
| | **TOTAL** | | **33,474.0** | **0.0** | **0.0** | **33,474.0** | **14.568** | **14.568** | **4,876,500.00** |
| Apr-09 | | | | | | | | | |
| | HPP | IPP | 728.0 | 0.0 | 0.0 | 728.0 | 29.286 | 29.286 | 213,200.00 |
| | CALPINE | SCH. D | 95.0 | 0.0 | 0.0 | 95.0 | 15.474 | 15.474 | 14,700.00 |
| | RELIANT | SCH. D | 13,983.0 | 0.0 | 0.0 | 13,983.0 | 14.473 | 14.473 | 2,023,700.00 |
| | PASCO COGEN | SCH. D | 16,418.0 | 0.0 | 0.0 | 16,418.0 | 10.817 | 10.817 | 1,776,000.00 |
| | **TOTAL** | | **31,224.0** | **0.0** | **0.0** | **31,224.0** | **12.899** | **12.899** | **4,027,600.00** |
| May-09 | | | | | | | | | |
| | HPP | IPP | 29,884.0 | 0.0 | 0.0 | 29,884.0 | 11.794 | 11.794 | 3,524,500.00 |
| | CALPINE | SCH. D | 971.0 | 0.0 | 0.0 | 971.0 | 15.118 | 15.118 | 146,800.00 |
| | RELIANT | SCH. D | 11,602.0 | 0.0 | 0.0 | 11,602.0 | 14.042 | 14.042 | 1,629,200.00 |
| | PASCO COGEN | SCH. D | 24,646.0 | 0.0 | 0.0 | 24,646.0 | 10.361 | 10.361 | 2,553,500.00 |
| | **TOTAL** | | **67,103.0** | **0.0** | **0.0** | **67,103.0** | **11.704** | **11.704** | **7,854,000.00** |
| Jun-09 | | | | | | | | | |
| | HPP | IPP | 20,493.0 | 0.0 | 0.0 | 20,493.0 | 12.064 | 12.064 | 2,472,300.00 |
| | CALPINE | SCH. D | 2,627.0 | 0.0 | 0.0 | 2,627.0 | 14.488 | 14.488 | 380,600.00 |
| | RELIANT | SCH. D | 8,296.0 | 0.0 | 0.0 | 8,296.0 | 14.165 | 14.165 | 1,175,100.00 |
| | PASCO COGEN | SCH. D | 20,551.0 | 0.0 | 0.0 | 20,551.0 | 10.110 | 10.110 | 2,077,700.00 |
| | **TOTAL** | | **51,967.0** | **0.0** | **0.0** | **51,967.0** | **11.749** | **11.749** | **6,105,700.00** |

TAMPA ELECTRIC COMPANY
PURCHASED POWER
EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES
ESTIMATED FOR THE PERIOD: JULY 2009 THROUGH DECEMBER 2009

SCHEDULE E7

| (1) MONTH | (2) PURCHASED FROM | (3) TYPE & SCHEDULE | (4) TOTAL MWH PURCHASED | (5) MWH FOR OTHER UTILITIES | (6) MWH FOR INTERRUP-TIBLE | (7) MWH FOR FIRM | (8) CENTS/KWH (A) FUEL COST | (8) CENTS/KWH (B) TOTAL COST | (9) TOTAL $ FOR FUEL ADJUSTMENT |
|---|---|---|---|---|---|---|---|---|---|
| Jul-09 | | | | | | | | | |
| | HPP | IPP | 34,923.0 | 0.0 | 0.0 | 34,923.0 | 11.472 | 11.472 | 4,006,300.00 |
| | CALPINE | SCH. D | 1,235.0 | 0.0 | 0.0 | 1,235.0 | 14.640 | 14.640 | 180,800.00 |
| | RELIANT | SCH. D | 13,606.0 | 0.0 | 0.0 | 13,606.0 | 13.328 | 13.328 | 1,813,400.00 |
| | PASCO COGEN | SCH. D | 26,444.0 | 0.0 | 0.0 | 26,444.0 | 10.095 | 10.095 | 2,669,600.00 |
| | **TOTAL** | | **76,208.0** | **0.0** | **0.0** | **76,208.0** | **11.377** | **11.377** | **8,670,100.00** |
| Aug-09 | | | | | | | | | |
| | HPP | IPP | 39,338.0 | 0.0 | 0.0 | 39,338.0 | 11.407 | 11.407 | 4,487,300.00 |
| | CALPINE | SCH. D | 1,176.0 | 0.0 | 0.0 | 1,176.0 | 14.668 | 14.668 | 172,500.00 |
| | RELIANT | SCH. D | 18,747.0 | 0.0 | 0.0 | 18,747.0 | 13.329 | 13.329 | 2,498,700.00 |
| | PASCO COGEN | SCH. D | 28,871.0 | 0.0 | 0.0 | 28,871.0 | 10.098 | 10.098 | 2,915,400.00 |
| | **TOTAL** | | **88,132.0** | **0.0** | **0.0** | **88,132.0** | **11.430** | **11.430** | **10,073,900.00** |
| Sep-09 | | | | | | | | | |
| | HPP | IPP | 22,238.0 | 0.0 | 0.0 | 22,238.0 | 11.915 | 11.915 | 2,649,700.00 |
| | CALPINE | SCH. D | 1,214.0 | 0.0 | 0.0 | 1,214.0 | 14.745 | 14.745 | 179,000.00 |
| | RELIANT | SCH. D | 9,675.0 | 0.0 | 0.0 | 9,675.0 | 13.530 | 13.530 | 1,309,000.00 |
| | PASCO COGEN | SCH. D | 14,595.0 | 0.0 | 0.0 | 14,595.0 | 10.176 | 10.176 | 1,485,200.00 |
| | **TOTAL** | | **47,722.0** | **0.0** | **0.0** | **47,722.0** | **11.783** | **11.783** | **5,622,900.00** |
| Oct-09 | | | | | | | | | |
| | HPP | IPP | 9.0 | 0.0 | 0.0 | 9.0 | 1,415.556 | 1,415.556 | 127,400.00 |
| | CALPINE | SCH. D | 66.0 | 0.0 | 0.0 | 66.0 | 14.394 | 14.394 | 9,500.00 |
| | RELIANT | SCH. D | 6,617.0 | 0.0 | 0.0 | 6,617.0 | 14.117 | 14.117 | 934,100.00 |
| | PASCO COGEN | SCH. D | 12,614.0 | 0.0 | 0.0 | 12,614.0 | 10.113 | 10.113 | 1,275,700.00 |
| | **TOTAL** | | **19,306.0** | **0.0** | **0.0** | **19,306.0** | **12.155** | **12.155** | **2,346,700.00** |
| Nov-09 | | | | | | | | | |
| | HPP | IPP | 922.0 | 0.0 | 0.0 | 922.0 | 25.087 | 25.087 | 231,300.00 |
| | CALPINE | SCH. D | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | RELIANT | SCH. D | 132.0 | 0.0 | 0.0 | 132.0 | 12.879 | 12.879 | 17,000.00 |
| | PASCO COGEN | SCH. D | 7,272.0 | 0.0 | 0.0 | 7,272.0 | 10.422 | 10.422 | 757,900.00 |
| | **TOTAL** | | **8,326.0** | **0.0** | **0.0** | **8,326.0** | **12.085** | **12.085** | **1,006,200.00** |
| Dec-09 | | | | | | | | | |
| | HPP | IPP | 15,503.0 | 0.0 | 0.0 | 15,503.0 | 13.891 | 13.891 | 2,153,500.00 |
| | CALPINE | SCH. D | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| | RELIANT | SCH. D | 6,559.0 | 0.0 | 0.0 | 6,559.0 | 14.421 | 14.421 | 945,900.00 |
| | PASCO COGEN | SCH. D | 9,516.0 | 0.0 | 0.0 | 9,516.0 | 10.373 | 10.373 | 987,100.00 |
| | **TOTAL** | | **31,578.0** | **0.0** | **0.0** | **31,578.0** | **12.941** | **12.941** | **4,086,500.00** |
| TOTAL | HPP | IPP | 221,118.0 | 0.0 | 0.0 | 221,118.0 | 13.806 | 13.806 | 30,527,000.00 |
| Jan-09 | CALPINE | SCH. D | 13,264.0 | 0.0 | 0.0 | 13,264.0 | 17.072 | 17.072 | 2,264,400.00 |
| THRU | RELIANT | SCH. D | 140,751.0 | 0.0 | 0.0 | 140,751.0 | 15.140 | 15.140 | 21,309,600.00 |
| Dec-09 | PASCO COGEN | SCH. D | 216,335.0 | 0.0 | 0.0 | 216,335.0 | 11.002 | 11.002 | 23,802,000.00 |
| | TOTAL | | 591,468.0 | 0.0 | 0.0 | 591,468.0 | 13.171 | 13.171 | 77,903,000.00 |

TAMPA ELECTRIC COMPANY
ENERGY PAYMENT TO QUALIFYING FACILITIES
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009

SCHEDULE E8

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | CENTS/KWH | | |
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL MWH PURCHASED | MWH FOR OTHER UTILITIES | MWH FOR INTERRUP-TIBLE | MWH FOR FIRM | (A) FUEL COST | (B) TOTAL COST | TOTAL $ FOR FUEL ADJUST-MENT |
| Jan-09 | VARIOUS | CO-GEN. | 86,758.0 | 0.0 | 0.0 | 86,758.0 | 4.684 | 4.684 | 4,064,000.00 |
| Feb-09 | VARIOUS | CO-GEN. | 78,359.0 | 0.0 | 0.0 | 78,359.0 | 7.341 | 7.341 | 5,752,600.00 |
| Mar-09 | VARIOUS | CO-GEN. | 86,758.0 | 0.0 | 0.0 | 86,758.0 | 7.189 | 7.189 | 6,237,100.00 |
| Apr-09 | VARIOUS | CO-GEN. | 85,856.0 | 0.0 | 0.0 | 85,856.0 | 7.066 | 7.066 | 6,066,700.00 |
| May-09 | VARIOUS | CO-GEN. | 88,729.0 | 0.0 | 0.0 | 88,729.0 | 6.905 | 6.905 | 6,127,100.00 |
| Jun-09 | VARIOUS | CO-GEN. | 85,856.0 | 0.0 | 0.0 | 85,856.0 | 6.249 | 6.249 | 5,365,500.00 |
| Jul-09 | VARIOUS | CO-GEN. | 88,729.0 | 0.0 | 0.0 | 88,729.0 | 6.847 | 6.847 | 6,074,900.00 |
| Aug-09 | VARIOUS | CO-GEN. | 88,729.0 | 0.0 | 0.0 | 88,729.0 | 6.855 | 6.855 | 6,082,400.00 |
| Sep-09 | VARIOUS | CO-GEN. | 85,856.0 | 0.0 | 0.0 | 85,856.0 | 6.324 | 6.324 | 5,429,600.00 |
| Oct-09 | VARIOUS | CO-GEN. | 88,729.0 | 0.0 | 0.0 | 88,729.0 | 6.514 | 6.514 | 5,780,100.00 |
| Nov-09 | VARIOUS | CO-GEN. | 83,948.0 | 0.0 | 0.0 | 83,948.0 | 5.752 | 5.752 | 4,829,000.00 |
| Dec-09 | VARIOUS | CO-GEN. | 86,758.0 | 0.0 | 0.0 | 86,758.0 | 6.533 | 6.533 | 5,668,100.00 |
| TOTAL | | | 1,035,065.0 | 0.0 | 0.0 | 1,035,065.0 | 6.519 | 6.519 | 67,477,100.00 |

55

TAMPA ELECTRIC COMPANY
ECONOMY ENERGY PURCHASES
ESTIMATED FOR THE PERIOD: JANUARY 2009 THROUGH DECEMBER 2009

SCHEDULE E9

56

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | | (10) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | COST IF GENERATED | | |
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL MWH PURCHASED | MWH FOR INTERRUP-TIBLE | MWH FOR FIRM | TRANSACT. COST cents/KWH | TOTAL $ FOR FUEL ADJUSTMENT | (A) CENTS PER KWH | (B) ($000) | FUEL SAVINGS (9B)-(8) |
| Jan-09 | VARIOUS | SCH. - J | 103,590.0 | 59.0 | 103,531.0 | 6.960 | 7,209,800.00 | 6.960 | 7,209,800.00 | 0.00 |
| Feb-09 | VARIOUS | SCH. - J | 94,587.0 | 40.0 | 94,547.0 | 6.802 | 6,433,400.00 | 6.802 | 6,433,400.00 | 0.00 |
| Mar-09 | VARIOUS | SCH. - J | 107,390.0 | 9.0 | 107,381.0 | 6.639 | 7,130,000.00 | 6.639 | 7,130,000.00 | 0.00 |
| Apr-09 | VARIOUS | SCH. - J | 106,624.0 | 23.0 | 106,601.0 | 6.015 | 6,413,100.00 | 6.015 | 6,413,100.00 | 0.00 |
| May-09 | VARIOUS | SCH. - J | 99,430.0 | 56.0 | 99,374.0 | 6.855 | 6,816,200.00 | 6.855 | 6,816,200.00 | 0.00 |
| Jun-09 | VARIOUS | SCH. - J | 82,735.0 | 68.0 | 82,667.0 | 7.402 | 6,124,000.00 | 7.402 | 6,124,000.00 | 0.00 |
| Jul-09 | VARIOUS | SCH. - J | 89,966.0 | 445.0 | 89,521.0 | 7.895 | 7,102,500.00 | 7.895 | 7,102,500.00 | 0.00 |
| Aug-09 | VARIOUS | SCH. - J | 91,361.0 | 324.0 | 91,037.0 | 7.971 | 7,282,200.00 | 7.971 | 7,282,200.00 | 0.00 |
| Sep-09 | VARIOUS | SCH. - J | 81,456.0 | 115.0 | 81,341.0 | 7.352 | 5,988,400.00 | 7.352 | 5,988,400.00 | 0.00 |
| Oct-09 | VARIOUS | SCH. - J | 100,518.0 | 15.0 | 100,503.0 | 6.799 | 6,833,900.00 | 6.799 | 6,833,900.00 | 0.00 |
| Nov-09 | VARIOUS | SCH. - J | 77,371.0 | 0.0 | 77,371.0 | 6.405 | 4,955,700.00 | 6.405 | 4,955,700.00 | 0.00 |
| Dec-09 | VARIOUS | SCH. - J | 92,587.0 | 0.0 | 92,587.0 | 6.908 | 6,395,900.00 | 6.908 | 6,395,900.00 | 0.00 |
| TOTAL | | | 1,127,615.0 | 1,154.0 | 1,126,461.0 | 6.978 | 78,685,100.00 | 6.978 | 78,685,100.00 | 0.00 |

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

| | Current | Projected | Difference | | Projected | Difference | |
|---|---|---|---|---|---|---|---|
| | Jan 08 - Dec 08 | Jan 09 - Apr 09 | $ | % | May 09 - Dec 09 | $ | % |
| Base Rate Revenue | $51.92 | $51.92 | 0.00 | 0% | $61.29 | 9.37 | 18% |
| Fuel Recovery Revenue | 52.41 | 74.72 | 22.31 | 43% | 74.72 | 0.00 | 0% |
| Conservation Revenue | 0.98 | 1.06 | 0.08 | 8% | 2.17 | 1.11 | 105% |
| Capacity Revenue | 5.17 | 5.80 | 0.63 | 12% | 5.34 | -0.46 | -8% |
| Environmental Revenue | 1.04 | 2.27 | 1.23 | 118% | 2.23 | -0.04 | -2% |
| Florida Gross Receipts Tax Revenue | 2.86 | 3.48 | 0.62 | 22% | 3.74 | 0.26 | 7% |
| **TOTAL REVENUE** | **$114.38** | **$139.25** | **$24.87** | **22%** | **$149.49** | **$10.24** | **7%** |

57

SCHEDULE H1

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

| | ACTUAL 2006 | ACTUAL 2007 | ACT/EST 2008 | EST 2009 | DIFFERENCE (%) 2007-2006 | 2008-2007 | 2009-2008 |
|---|---|---|---|---|---|---|---|
| **FUEL COST OF SYSTEM NET GENERATION ($)** | | | | | | | |
| 1 HEAVY OIL [1] | 2,899,288 | 3,349,154 | 2,487,285 | 297,177 | 15.5% | -25.7% | -88.1% |
| 2 LIGHT OIL [1] | 6,750,918 | 5,982,308 | 11,408,359 | 15,014,030 | -11.4% | 90.7% | 31.6% |
| 3 COAL | 292,472,009 | 279,047,089 | 314,058,293 | 428,069,693 | -4.6% | 12.5% | 36.3% |
| 4 NATURAL GAS | 513,398,597 | 564,372,794 | 644,435,828 | 738,443,984 | 9.9% | 14.2% | 14.6% |
| 5 NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 6 OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 7 TOTAL ($) | 815,520,812 | 852,751,345 | 972,389,765 | 1,181,824,884 | 4.6% | 14.0% | 21.5% |
| **SYSTEM NET GENERATION (MWH)** | | | | | | | |
| 8 HEAVY OIL [1] | 28,562 | 31,654 | 16,308 | 1,650 | 10.8% | -48.5% | -89.9% |
| 9 LIGHT OIL [1] | 44,642 | 35,850 | 45,735 | 48,513 | -19.7% | 27.6% | 6.1% |
| 10 COAL | 10,968,579 | 10,191,034 | 9,947,327 | 10,845,924 | -7.1% | -2.4% | 9.0% |
| 11 NATURAL GAS | 7,135,589 | 7,898,666 | 7,581,828 | 8,205,028 | 10.7% | -4.0% | 8.2% |
| 12 NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 13 OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 14 TOTAL (MWH) | 18,177,372 | 18,157,204 | 17,591,198 | 19,101,115 | -0.1% | -3.1% | 8.6% |
| **UNITS OF FUEL BURNED** | | | | | | | |
| 15 HEAVY OIL (BBL) [1] | 46,507 | 51,196 | 26,501 | 2,557 | 10.1% | -48.2% | -90.4% |
| 16 LIGHT OIL (BBL) [1] | 80,031 | 68,219 | 103,463 | 117,562 | -14.8% | 51.7% | 13.6% |
| 17 COAL (TON) | 5,019,962 | 4,656,469 | 4,506,018 | 4,818,772 | -7.2% | -3.2% | 6.9% |
| 18 NATURAL GAS (MCF) | 51,742,329 | 57,556,159 | 55,152,481 | 60,037,100 | 11.2% | -4.2% | 8.9% |
| 19 NUCLEAR (MMBTU) | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 20 OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| **BTUS BURNED (MMBTU)** | | | | | | | |
| 21 HEAVY OIL [1] | 291,767 | 321,178 | 166,253 | 16,070 | 10.1% | -48.2% | -90.3% |
| 22 LIGHT OIL [1] | 453,076 | 372,134 | 485,990 | 519,195 | -17.9% | 30.6% | 6.8% |
| 23 COAL | 118,342,601 | 109,855,092 | 107,563,923 | 115,894,405 | -7.2% | -2.1% | 7.7% |
| 24 NATURAL GAS | 53,483,131 | 59,377,743 | 56,716,889 | 61,718,759 | 11.0% | -4.5% | 8.8% |
| 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) | 172,570,575 | 169,926,147 | 164,933,055 | 178,148,429 | -1.5% | -2.9% | 8.0% |
| **GENERATION MIX (% MWH)** | | | | | | | |
| 28 HEAVY OIL [1] | 0.16 | 0.17 | 0.09 | 0.01 | - | - | - |
| 29 LIGHT OIL [1] | 0.25 | 0.20 | 0.26 | 0.25 | - | - | - |
| 30 COAL | 60.33 | 56.13 | 56.55 | 56.78 | - | - | - |
| 31 NATURAL GAS | 39.26 | 43.50 | 43.10 | 42.96 | - | - | - |
| 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 | - | - | - |
| **FUEL COST PER UNIT** | | | | | | | |
| 35 HEAVY OIL ($/BBL) [1] | 62.34 | 65.42 | 93.86 | 116.22 | 4.9% | 43.5% | 23.8% |
| 36 LIGHT OIL ($/BBL) [1] | 84.35 | 87.69 | 110.27 | 127.71 | 4.0% | 25.7% | 15.8% |
| 37 COAL ($/TON) | 58.26 | 59.93 | 69.70 | 88.83 | 2.9% | 16.3% | 27.4% |
| 38 NATURAL GAS ($/MCF) | 9.92 | 9.81 | 11.68 | 12.30 | -1.1% | 19.1% | 5.3% |
| 39 NUCLEAR ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 40 OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| **FUEL COST PER MMBTU ($/MMBTU)** | | | | | | | |
| 41 HEAVY OIL [1] | 9.94 | 10.43 | 14.96 | 18.49 | 4.9% | 43.4% | 23.6% |
| 42 LIGHT OIL [1] | 14.90 | 16.08 | 23.47 | 28.92 | 7.9% | 46.0% | 23.2% |
| 43 COAL | 2.47 | 2.54 | 2.92 | 3.69 | 2.8% | 15.0% | 26.4% |
| 44 NATURAL GAS | 9.60 | 9.50 | 11.36 | 11.96 | -1.0% | 19.6% | 5.3% |
| 45 NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 46 OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 47 TOTAL ($/MMBTU) | 4.73 | 5.02 | 5.90 | 6.63 | 6.1% | 17.5% | 12.4% |
| **BTU BURNED PER KWH (BTU/KWH)** | | | | | | | |
| 48 HEAVY OIL [1] | 10,215 | 10,147 | 10,195 | 9,739 | -0.7% | 0.5% | -4.5% |
| 49 LIGHT OIL [1] | 10,149 | 10,380 | 10,626 | 10,702 | 2.3% | 2.4% | 0.7% |
| 50 COAL | 10,789 | 10,780 | 10,813 | 10,686 | -0.1% | 0.3% | -1.2% |
| 51 NATURAL GAS | 7,495 | 7,517 | 7,481 | 7,522 | 0.3% | -0.5% | 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) | 9,494 | 9,359 | 9,376 | 9,327 | -1.4% | 0.2% | -0.5% |
| **GENERATED FUEL COST PER KWH (cents/KWH)** | | | | | | | |
| 55 HEAVY OIL [1] | 10.15 | 10.58 | 15.25 | 18.01 | 4.2% | 44.1% | 18.1% |
| 56 LIGHT OIL [1] | 15.12 | 16.69 | 24.94 | 30.95 | 10.4% | 49.4% | 24.1% |
| 57 COAL | 2.67 | 2.74 | 3.16 | 3.95 | 2.6% | 15.3% | 25.0% |
| 58 NATURAL GAS | 7.19 | 7.15 | 8.50 | 9.00 | -0.6% | 18.9% | 5.9% |
| 59 NUCLEAR | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 60 OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.0% | 0.0% | 0.0% |
| 61 TOTAL (cents/KWH) | 4.49 | 4.70 | 5.53 | 6.19 | 4.7% | 17.7% | 11.9% |

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

# EXHIBIT TO THE TESTIMONY OF

# CARLOS ALDAZABAL

## DOCUMENT NO. 3

## LEVELIZED AND TIERED FUEL RATE
## JANUARY 2009 - DECEMBER 2009

## Tampa Electric Company
## Comparison of Levelized and Tiered Fuel Revenues
## For the Period Janury 2009 through December 2009

| | Annual Units MWH | Levelized Fuel Rate Cents/kWh | Annual Fuel Revenues $ | Tiered Fuel Rates Cents/kWh | Annual Fuel Revenues $ |
|---|---|---|---|---|---|
| Residential Excluding TOU: | | | | | |
| TIER I (Up to 1,000) kWh | 5,894,055 | 7.822 | 461,032,986 | 7.472 | 440,403,793 |
| TIER II (Over 1,000) kWh | 3,173,722 | 7.822 | 248,248,531 | 8.472 | 268,877,724 |
| Total | 9,067,777 | | 709,281,517 | | 709,281,517 |

| | |
|---|---|
| Residential Sales | |
| Levelized | 9,067,777 |
| Time of Use | 879 |
| Total | 9,068,656 |