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IN REPLY REFER TO:

January 17, 1995 ORIGINAL FILE COPY

HAND DELIVERED

Tallahassee

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
101 East Gaines Street
Tallahassee, Florida 32399-0850

Re: Fuel and Purchased Power Cost Recovery Clause with Generating Performance Incentive Factor; FPSC Docket No. 950001-EI

ACK
AFA

Dear Ms. Bayo:

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

575-95 1. Petition of Tampa Electric Company.

Dudley - 5 576-95 Brown, Orig text + 4 2. Prepared Direct Testimony of Mary Jo Pennino and Exhibit (MJP-2) entitled Fuel and Purchased Power Cost Recovery Clause Calculation Estimated for the Period of April 1995 thru September 1995; Exhibit (MJP-3) entitled Capacity Cost Recovery, Projected, April 1995 - September 1995 and Exhibit (MJP-4) entitled Description of Wholesale Agreements.

577-95 3. Prepared Direct Testimony of George A. Keselowsky and Exhibit (GAK-2) entitled Generating Performance Incentive Factor, October 1995 - March 1995 and Exhibit (GAK-3) entitled Generating Performance Incentive Factor, April 1995 - September 1995.

OTH

578-94 4. Prepared Direct Testimony of E. A. Townes and W. N. Cantrell and Exhibit (WNC/EAT-2) entitled Schedules Supporting Oil Backout Cost Recovery Factor, April 1995 - September 1995 and Exhibit (WNC/EAT-3) entitled Gannon Conversion Project, Comparison of Projected Payoff with Original Estimate as of November 1994.

579-94 5. Prepared Direct Testimony of Elizabeth A. Townes regarding accounting treatment of long-term firm Schedule D sales.

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Ms. Blanca S. Bayo
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550-94 6. Prepared Direct Testimony of D. M. Mestas, Jr. regarding option payment from Polk Power Partners, L.P.

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

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp
Enclosures

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

MARY JO PENNINO

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

A. My name is Mary Jo Pennino. My business address is 702 North Franklin Street, Tampa, Florida 33602. My title is Administrator - Wholesale and Fuel. I work in the Regulatory Affairs Department of Tampa Electric Company.

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

A. I was educated in both public and private schools in Illinois and received a Bachelor of Science Degree in Chemical Engineering from the University of South Florida, Tampa, Florida in 1985. Upon graduation, I began my career with Tampa Electric in the Production Department. My responsibilities included heat rate testing, support service for the Plant Chemical Engineers, and start-up engineering for Hookers Point Station. In 1991, I transferred to the Generation Planning Department where I was responsible for annual expansion planning analyses, alternative technology evaluation and several other business planning activities. In 1993, I was promoted to my current position as Administrator in the Regulatory Affairs Department. My present responsibilities include the areas of fuel adjustment filings, capacity cost recovery filings, and rate design.

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is twofold. First, I would like to present to the Commission the proposed Total Fuel and Purchased Power Cost Recovery factors for the period of April - September 1995, and the proposed Capacity Cost Recovery factors for the same period. Second, I would like to provide the Commission with a description of Tampa Electric's various types of off-system sales and an explanation of the treatment of the revenues received from wholesale sales. In addition, I will present reasons why this treatment is appropriate and fair to both retail ratepayers and Tampa Electric Company.

<u>Fuel and Purchased Power Cost Recovery Factors / Capacity Cost Recovery Clause</u>

Q. Did you review the projected data necessary to calculate the Total Fuel and Purchased Power Cost Recovery factors for the period April - September 1995?

A. Yes I have.

Q. Do you wish to sponsor an exhibit consisting of Schedules H-1 (April - September, 1992 through 1995) and Schedules E-1 through E-10 (April - September 1995)?

A. Yes. Also contained in this exhibit are Schedules E-2, E-3, E-5, E-6, E-7, E-8 and E-9 for the prior period October 1994 - March 1995. These schedules are furnished as back-up for the projected true-up for this period and typically consist of two actual months and four projected months. For this filing, actual data was available and used for the month of December rather than using a projection for the month. For the sake of consistency, headings on the standard Schedules were not changed to reflect this action.

(Have identified as Exhibit No. ___ (MJP-2), Fuel Projection.)

Q. Does Schedule E-1 of Exhibit No. ___ (MJP-2), Fuel Projection, show the proper value for the Total Fuel and Purchased Power Cost Recovery Clause as projected for the period April - September 1995?

A. Yes.

Q. What is the proper value for the new period?

A. The proper value for the new period is 2.386 cents per kwh before the application of the factors that adjust for variations in line losses.

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

A. The GPIF and True-up factors are provided on Schedule E-1C. We propose that a GPIF reward of $146,321 be included in the projection period. The True-up amount for the October 1994 - March 1995 period is an overrecovery of $6,423,678. This overrecovery is comprised of a final True-up overrecovery amount of $3,968,565 for the April 1994 - September 1994 period and an estimated overrecovery in the amount of 2,455,113 for the October 1994 - March 1995 period.

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

A. Schedule E-1D presents the company's on-peak and off-peak fuel charge factors for the April - September 1995 period.

Q. What is the purpose of Schedule E-1E?

A. The purpose of Schedule E-1E is to present the standard, on-peak and off-peak fuel charge factors after adjusting for variations in line losses.

Q. Please recap the proposed Fuel and Purchased Power Cost Recovery factors for the April - September 1995 period.

A.

| Rate Schedule | Fuel Charge Factor (cents per kwh) |
|---|---|
| Average Factor | 2.386 |
| RS, GS and TS | 2.401 |
| RST and GST | 2.844 (on-peak) |
| | 2.154 (off-peak) |
| SL-2, OL-1 and OL-3 | 2.258 |
| GSD, GSLD and SBF | 2.389 |
| GSDT, GSLDT and SBFT | 2.829 (on-peak) |
| | 2.143 (off-peak) |
| IS-1, IS-3, SBI-1, SBI-3 | 2.319 |
| IST-1, IST-3, SBIT-1, SBIT-3 | 2.747 (on-peak) |
| | 2.080 (off-peak) |

Q. How does Tampa Electric Company's proposed average fuel charge factor of 2.386 cents per kwh compare to the average fuel charge factor for the October 1994- March 1995 period?

A. The proposed fuel charge factor is 0.033 cents per kwh (or 33 cents per 1000 kwh) higher than the average fuel charge factor of 2.353 cents per kwh for the October 1994 - March 1995 period.

Q. Please explain.

A. The slight increase in fuel and purchased power expense is primarily due to Phase 1 compliance coal costs and increased heat rates and purchased power expense typically associated with the summer fuel adjustment period. The projected increase has been mitigated through the effective administration of both the Peabody and Gatliff coal contracts. Tampa Electric has negotiated significant changes in both of these contracts that provide significant benefits to its Customers. In the case of the Peabody contract, Tampa Electric has effected a buy-out of this agreement that will yield estimated net benefits to Customers of 2.5 million dollars in 1995 and 29 million dollars (present value) over the period 1995 - 2004. In the case of the Gatliff contract, Tampa Electric has negotiated, for 1995, a lower contract minimum (1.5 million tons) and a price reduction ($0.85 per ton reduction). Replacement coal for the Gatliff coal will be purchased at competitive spot prices. These changes are the result of significant efforts on the part of Tampa Electric to negotiate these changes and extensive test burn efforts at Tampa Electric's Gannon Station to find appropriate blend fuels to reduce our overall fuel costs.

Q. On December 23, 1994, a petition was filed with this Commission requesting recovery of buy-out costs associated with the buy-out of the Peabody Coalsales, Inc. contract. Are the costs and benefits associated with the Peabody buy-out included in the projected fuel charge factor for the April - September 1995 period?

A. Yes they are.

Q. Are the costs and benefits consistent with those filed in the supporting data included with the petition?

A. Yes they are.

Q. Please describe how the costs associated with the Peabody buy-out are allocated between wholesale and retail

Customers.

A. The costs associated with the Peabody buy-out have been allocated to the wholesale Requirements Customers through the inclusion of the costs in Total Net Fuel and Purchased Power Expense (prior to the jurisdictional separation). Buy-out costs have not been allocated to the separated Big Bend Unit Four sale and Schedule D Customers since those Customers do not receive the benefit of the lower fuel cost. Separated Schedule D Customers are unit power sales from Big Bend Units 1 through 3. The fuel charge for these sales is based on supplemental coal cost. The Peabody buy-out will only benefit those currently paying for contract coal in Big Bend Units 1 - 3. Buy-out costs have not been allocated to the sale of Big Bend Unit Four energy to Hardee Power Partners. Again, these Customers would not realize the benefit of lower fuel costs associated only with Big Bend Units 1 through 3.

Q. Please describe any compliance costs associated with the Clean Air Act Amendment that have been included in the calculation of the average fuel charge factor for the April - September 1995 period?

A. Only the costs associated with sulfur dioxide emission allowances have been included in the factor. In addition to the 86,485 allowances granted by EPA for 1995, 17,000 allowances were purchased for Phase 1 compliance at an average cost of $146 per allowance. The weighted average cost of all of the allowances is calculated as follows:

86,485 granted allowances @ $0 per allowance
<u>17,000 purchased allowances @ $146.48 per allowance</u>
103,435 total allowances @ $24.06 per allowance

In the month of May, proceeds from the 1995 auction will lower the average dollar per allowance to $22.55. In April, 5,802 tons of $SO_2$ are projected to be emitted and in the May - September 1995 period, 30,683 tons are projected to be emitted. Therefore, the dollars associated with allowances for this period are 5,802 times $24.06 plus 30,683 times $22.55 or $831,445 (rounding). This accounting treatment of allowances was established by the Federal Energy Regulatory Commission (FERC) in FERC Order No. 552.

Q. Why were additional allowances purchased?

A. The decision to purchase allowances was a strategic compliance decision based on Tampa Electric's best estimate of future levels of generation for affected units and the future differential in costs between high and low sulfur coal versus the cost to purchase allowances.

Q. How are projected allowance costs allocated among the various classes?

A. Allowance costs have been added on a dollar per ton basis to the cost of Big Bend Station coal. This methodology properly allocates allowance costs to all users of Big Bend Station. Allowance costs allocated to jurisdictional interchange sales and all separated sales with the exception of Requirements sales are included on Schedule E-6. The allocation to the Requirements Customers is accomplished by adding all remaining allowance costs to the retail fuel expense and then applying the jurisdictional separation factor to the combined total.

Q. Why is it appropriate to recover Clean Air Act Compliance costs through the Fuel and Purchased Power Cost Recovery Clause?

A. Since the only cost that Tampa Electric is seeking to recover at this time is the cost of $SO_2$ allowances, it is appropriate that the Customers who realize the benefit of lower fuel costs associated with the ability to burn higher sulfur coal are the same Customers who incur the costs associated with the allowances that enabled the use of coal with a higher sulfur content.

Q. Why has Tampa Electric chosen to recover these allowance costs through the Fuel and Purchased Power Cost Recovery Clause versus the Environmental Cost Recovery Clause?

A. While Tampa Electric recognizes the implementation of the Environmental Cost Recovery Clause to facilitate recovery of Clean Air Act Amendment Compliance costs, we feel that the administrative requirement associated with a separate filing for recovery of the relatively small expense would be in excess of any associated benefit. We are, however, willing to cooperate with the Commission should they desire a separate filing.

Q. Are you also requesting Commission approval of the projected Capacity Cost Recovery factors for the Company's various rate schedules?

A. Yes.

Q. Have you prepared or caused to be prepared under your direction or supervision an exhibit which supports this request?

A. Yes. It consists of five pages identified as Exhibit No. ___ MJP-3, Capacity Cost Recovery.

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

A. Tampa Electric is requesting recovery, through the capacity cost recovery factor, of capacity payments made pursuant to cogeneration, small power production and purchased power agreements to which we are a party.

Q. Please re-cap the proposed Capacity Cost Recovery Clause factors for the April - September 1995 period.

A.

| Rate Schedule | Capacity Cost Recovery Factor (cents per kwh) |
|---|---|
| RS | 0.187 |
| GS and TS | 0.173 |
| GSD | 0.130 |
| GSLD and SBF | 0.119 |
| IS-1, IS-3, SBI-1, SBI-3 | 0.011 |

SL-2, OL-1 and OL-3 0.029

These factors can be seen in Exhibit No. ___ (MJP-3), page 3 of 5.

Q. What is the composite effect of the above changes on a 1,000 kwh residential Customer?

A. A residential bill for 1,000 kwh will decrease $0.19. See following table.

| Type of Charge | Oct. 94 thru Mar. 95 | Apr. 95 thru Sep. 95 |
|---|---|---|
| Customer | $ 8.50 | $ 8.50 |
| Energy | 43.42 | 43.42 |
| Conservation | 1.85 | 1.54 |
| Oil Backout | 0.96 | 0.81 |
| Fuel | 23.68 | 24.01 |
| Capacity | 1.93 | 1.87 |
| FGR Tax | 2.06 | 2.06 |
| TOTAL | $ 82.40 | $ 82.21 |

Q. When should the new charges go into effect?

A. They should go into effect commensurate with the first billing cycle in April 1995.

**Wholesale Revenue Recovery**

Q. Please describe your reason for filing testimony regarding the appropriate treatment of revenues from wholesale sales.

A. Following the filing of testimony for the 1994 Winter Fuel Adjustment Docket No. 940001-EI, Staff raised the issue (25a):

> "Other than economy sales and revenues from the seven entities that were separated out in TECO's last rate case, should Tampa Electric credit all non-fuel revenues from off-system sales back to the retail ratepayers through the fuel adjustment clause and the capacity cost recovery clause?"

The issue was deferred to this fuel hearing. Therefore, the purpose of my testimony is to provide the Commission and Commission Staff with the information they need on Tampa Electric's position on the appropriate treatment of wholesale sale revenues.

Q. Please describe the various types of off system sales in which your company engages and identify the retail regulatory treatment as stipulated to in Tampa Electric Company's last general rate case.

A. Exhibit No.___(MJP-4) describes the various types of sales in which Tampa Electric engages.

Tampa Electric primarily engages in emergency sales (Schedule A and B), economy sales (Schedule C and X ), other interchange (Schedule D and J), the TPS Contract Sale, and Requirements Sales (AR-1). In TECO's last general rate case in 1992, revenues from the company's firm wholesale sales, including Requirements Sales, unit power sales (TPS Contract), and station power sales (firm Schedule D), were ordered to be separated from the retail jurisdiction. The intent of the Commission was to separate wholesale sales and those that "looked like" wholesale sales. Based on this determination, a portion of total rate base and expenses was allocated, for these sales, to the wholesale jurisdiction. The purpose of this separation was to isolate the revenues, rate base and expenses to be used in setting retail prices, based on the test years litigated in the case. The non-fuel revenues from non-firm off-system sales (other than economy) were ordered to be

Q. What characteristics are common exclusively to the sales that were ordered to be separated in Tampa Electric's last general rate case?

A. Tampa Electric's Requirements sales, the TPS Contract Sale, and firm Schedule D sales were ordered to be separated from the retail jurisdiction. The common characteristics which set these sales apart from the remaining, jurisdictional interchange sales are Tampa Electric's commitment to serve these classes and the Customer's commitment to a prescribed capacity payment. Agreements were signed and filed with the FERC with each Customer in these separated classes that established in advance a capacity commitment, comparable to the commitment to serve Tampa Electric's firm retail Customers, and an associated availability commitment in return for a firm capacity payment.



Q. Are all Schedule D Sales separated? Please explain.

A. There are two types of Schedule D sales. The sales that were ordered to be separated were the firm Schedule D sales. The other type of Schedule D sale is non-firm as-available service. Tampa Electric currently has an agreement with Seminole Electric Cooperative for the latter. This type of sale was ordered to be treated within the retail jurisdiction.

Q. Order No. PSC-93-0664-FOF-EI was an order issued by the Commission in Tampa Electric Company's last general rate case that dealt specifically with the issue of how the off-system sales should be treated in the FPPCRC and the CCRC. In this order, some of the specific types of sales were referenced by type of sale (TECO Power Services contracts), some were referenced by the Customers that were currently being served at the time of the jurisdictional separation study (City of Sebring), and still another carried both references (firm Schedule D sales (for the Cities . . .). Does your company believe that the intent of the order was to separate specific Customers or entities or specific types of sales?

A. Tampa Electric believes that the intent of this order was to separate specific types of sales into the retail and wholesale jurisdictions, but not to go so far as to separate sales to specific "entities". For instance, it is not of significance that requirements sales projected in the rate case were designated in the order as being to the City of Sebring (which they were when the projections were made) instead of to Florida Power Corporation (which the sales became after the order). This is not significant because all requirements sales are a separated type, or class, of Customers and once a class of Customers has been separated from the retail jurisdiction, that class should be treated as being separated until another jurisdictional separation is approved by the Commission in the next rate proceeding. At the time of Tampa Electric Company's last general rate case, revenues from requirements Customers were identified at a point in time as "Sebring sales" and separated based on our best knowledge of our projected level of requirements service. We do not believe that the intent of the order was to require Tampa Electric Company to flow back the non-fuel revenues now associated with the sale to Florida Power Corporation simply, for example, because Florida Power Corporation was not one of the "seven entities" identified in our last rate case. Nor do we believe that because the sales once projected to be made to Sebring are no longer to Sebring, that retail rates should be increased to reflect the loss of wholesale sales. Likewise, if Tampa Electric added a new requirements Customer between rate cases, as fellow utilities Florida Power Corporation and Florida Power and Light have done, we would treat that sale as a separated sale. Once again, requirements sales are a separated class of Customers.

Q. Why does Tampa Electric feel that their treatment of firm Schedule D sale revenues from the city of Ft. Meade and Kissimmee Utility Authority is fair to both retail ratepayers and Tampa Electric?

A. Like AR-1 sales, Firm Schedule D sales are also a separated class of Customers as ordered by the Commission in Tampa Electric Company's last rate case. The firm Schedule D sales projections utilized for purposes of establishing rates were estimated amounts based on prospective Customers and transactions. Tampa Electric asserts that specifically "who" the Customers are is insignificant. Since the time of the rate case, in some cases, the anticipated revenues from prospective firm off-system sales Customers have not materialized. During the same period, however, Tampa Electric has made increased levels of firm off-system sales to other Customers. This same phenomenon can occur within any class of Customers. The Commission recognizes that the future will always be different from the forecast and the effect of those differences in revenues is dealt with in surveillance by allowing a range in the earned return on equity for the allowed return. Upon ordering rate base and expenses associated with firm Schedule D sales to be removed from the retail jurisdiction for the purposes of setting prices based on the test year(s), the Commission effectively challenged the company to maintain the revenues to support the separated revenue requirements if it wishes to earn the allowed return. The firm Schedule D sale agreements to the city of Ft. Meade and Kissimmee Utility Authority made subsequent to the rate case separation study are identical to the other Schedule D sales that were separated in the last rate case.

Based on the foregoing, Tampa Electric's treatment of wholesale sales has been to apply revenues from all firm Schedule D sales along with the other separated sales to offset wholesale revenue requirements. Tampa Electric asserts that its treatment of off-system sales revenues is fair because it balances the risks associated with the "snapshot" rate case separation of revenues, rate base, and expenses of these sales with potential benefits to the company, while insulating the retail Customers from any risk associated with shortfalls in projected revenues.

Since the Commission's order effectively required that shareholders carry the entire risk of recovering the portion of rate base and expenses associated with firm Schedule D sales, Tampa Electric Company further asserts that it must retain the ability to acquire additional sales agreements to potentially cover the separated revenue requirements in the event that an existing agreement does not provide the level of revenue expected or the anticipated agreements do not materialize. Requiring the company to credit revenues from sales agreements obtained subsequent to the rate case projections to the retail ratepayers without a mechanism to recover from the retail Customer any lost revenues originally projected but not realized is inequitable and asymmetrical treatment. Tampa Electric should not be expected to carry the downside potential for lost sales without the upside potential of increased revenues. Retail ratepayers are held harmless in the event of wholesale revenue shortfalls and, therefore, should not receive the benefits from additional sales in the wholesale jurisdiction.

Q. Please summarize.

A. Retail base rates were established during Tampa Electric's last rate case by determining, at a "snapshot" point in time, the proper allocations of rate base and expenses to each class of Customer. Since firm Schedule D sales were separated to the wholesale jurisdiction in the last rate case, that treatment should remain consistent until another jurisdictional separation methodology is approved in the next general rate proceeding. Each projection used for the purposes of setting rates is subject to change (level of retail sales, expenses, rate base, return necessary etc.). To protect both the ratepayers and the company from significant, excessive variability in returns, an ROE range was established. Separated wholesale sales, like all elements of the price setting basis, are also subject to change. Tampa Electric was ordered to absorb all risks associated with varying levels of separated sales including the firm Schedule D sales in its last rate case. It follows that Tampa Electric should have the ability to seek out and engage in additional transactions to maintain the revenue requirement and to provide an upside potential to appropriately balance the downside risks.

It has become apparent to Tampa Electric that the letter of the order has the potential of being interpreted in a manner that we feel is inappropriate and asymmetrical with respect to risks and benefits. We would recommend that an appropriate interpretation of the order would be to clarify that the <u>firm Schedule D sales</u> are a separated class. All future <u>firm Schedule D sales</u> should also be separated between now and the time of the next general rate proceeding.

Q. Does this conclude your testimony?

A. Yes it does.

# FUEL AND PURCHASED POWER
# COST RECOVERY CLAUSE CALCULATION
# TAMPA ELECTRIC COMPANY
# ESTIMATED FOR THE PERIOD OF: APRIL 1995 THRU SEPTEMBER 1995

| | DOLLARS | MWH | cents/KWH |
|---|---|---|---|
| 1. Fuel Cost of System Net Generation (E3) | 195,434,704 | 8,992,142 | 2.17339 |
| 2. Nuclear Fuel Disposal Cost | 0 | 0 | 0.00000 |
| 3. Coal Car Investment | 0 | 0 | 0.00000 |
| 4. Adjustments to Fuel Cost (Peabody) | 3,083,415 | 8,992,142 * | 0.03429 |
| 5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4) | 198,518,119 | 8,992,142 | 2.20768 |
| 6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7) | 5,520,500 | 150,153 | 3.67658 |
| 7. Energy Cost of Sch C,X Economy Purchases (Broker) (E9) | 624,500 | 18,415 | 3.39126 |
| 8. Energy Cost of Economy Purchases (Non-Broker) (E9) | 0 | 0 | 0.00000 |
| 9. Energy Cost of Sch. E Economy Purchases (E9) | 0 | 0 | 0.00000 |
| 10. Capacity Cost of Sch. E Economy Purchases (E2) | 0 | 0 | 0.00000 |
| 11. Energy Payments to Qualifying Facilities (E8) | 4,577,800 | 234,743 | 1.95013 |
| 12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11) | 10,722,800 | 403,311 | 2.65869 |
| 13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12) | | 9,395,453 | |
| 14. Fuel Cost of Economy Sales (E6) | 13,059,300 | 797,767 | 1.63698 |
| 15. Gain on Economy Sales - 80% (E6) | 2,093,040 | 797,767 * | 0.26236 |
| 16. Fuel Cost of Schedule D Sales - Jurisd. (E6) | 399,200 | 24,657 | 1.61901 |
| 16a. Fuel Cost of Schedule D Sales - Separated (E6) | 2,558,700 | 185,690 | 1.37794 |
| 16b. Fuel Cost of Schedule D TPS Sales - Separated (E6) | 1,549,100 | 72,303 | 2.14251 |
| 16c. Fuel Cost of Schedule J Sales - Jurisd. (E6) | 581,700 | 33,359 | 1.74376 |
| 17. Fuel Cost of Other Power Sales | 0 | 0 | 0.00000 |
| 18. TOTAL FUEL COST AND GAINS OF POWER SALES | 20,241,040 | 1,113,776 | 1.81733 |
| 19. Net Inadvertant Interchange | | 0 | |
| 19a. Wheeling Rec'd. less Wheeling Delv'd. | | 0 | |
| 19b. Interchange and Wheeling Losses | | 19,834 | |
| 20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19) | 188,999,879 | 8,261,843 | 2.28762 |
| 21. Net Unbilled | 3,627,868 * | 158,587 | 0.04391 |
| 22. Company Use | 384,320 * | 16,800 | 0.00501 |
| 23. T & D Losses | 9,570,647 * | 418,367 | 0.12481 |
| 24. System MWH Sales | 188,999,879 | 7,668,089 | 2.46476 |
| 25. Wholesale MWH Sales | (798,126) | (32,759) | 2.43636 |
| 26. Jurisdictional MWH Sales | 188,201,753 | 7,635,330 | 2.46488 |
| 26a. Jurisdictional Loss Multiplier | | | 1.0005 |
| 27. Jurisdictional MWH Sales Adjusted for Line Loss | 188,295,854 | 7,635,330 | 2.46611 |
| 28. True-up ** | (6,423,678) | 7,635,330 | (0.08413) |
| 29. Total Jurisdictional Fuel Cost (Excl. GPIF) | 181,872,176 | 7,635,330 | 2.38198 |
| 30. Revenue Tax Factor | | | 1.00083 |
| 31. Fuel Factor (Excl. GPIF) Adjusted for Taxes | 182,023,130 | 7,635,330 | 2.38396 |
| 32. GPIF ** (Already Adjusted for Taxes) | 146,321 | 7,635,330 | 0.00192 |
| 33. Fuel Factor Adjusted for Taxes Including GPIF | 182,169,451 | 7,635,330 | 2.38588 |
| 34. Fuel Factor Rounded to Nearest .001 cents per KWH | | | 2.386 |

* For Informational Purposes Only

** Calculation Based on Jurisdictional KWH Sales

CALCULATION OF TOTAL TRUE-UP
(PROJECTED PERIOD)
TAMPA ELECTRIC COMPANY
FOR THE PERIOD: APRIL 1995 THRU SEPTEMBER 1995



| | |
|---|---|
| 1. ESTIMATED OVER/(UNDER) RECOVERY<br>(2 months actual, 4 months estimated period)<br>(Schedule E1-B) | $2,455,113 |
| 2. FINAL TRUE-UP (6 months actual period)<br>(Per True-Up Filed in November 1994) | $3,968,565 |
| 3. TOTAL OVER/(UNDER) RECOVERY (Lines 1 + 2)<br>To be included in 6 month projected period<br>(Schedule E1, line 29) | $6,423,678 |
| 4. JURISDICTIONAL MWH SALES<br>(Projected period) | 7,635,330 |
| 5. TRUE-UP FACTOR (Lines 3/4) * (100 cents/1000 KWH) | $0.084 |

CALCULATION OF ESTIMATED TRUE-UP
(2 MONTHS ACTUAL, 4 MONTHS ESTIMATED)
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF: OCTOBER 1994 THRU MARCH 1995

| | ACTUAL | | ESTIMATED | | | | TOTAL |
|---|---|---|---|---|---|---|---|
| | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | PERIOD |
| A 1. FUEL COST OF SYSTEM NET GENERATION | 30,873,711 | 28,557,878 | 28,480,047 | 27,810,108 | 25,807,210 | 26,136,330 | 167,246,284 |
| 2. FUEL COST OF POWER SOLD * | 3,555,152 | 3,916,429 | 3,487,885 | 2,927,320 | 2,837,120 | 2,426,720 | 19,260,436 |
| 3. FUEL COST OF PURCHASED POWER | 227,085 | 102,895 | 84,549 | 203,100 | 324,000 | 343,800 | 1,285,429 |
| 3a. DEMAND & NON-FUEL COST OF PUR. PWR. | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3b. ENERGY PAYMENTS TO QUALIFIED FACILITIES | 502,765 | 484,821 | 559,113 | 599,800 | 576,700 | 657,300 | 3,380,599 |
| 4. ENERGY COST OF ECONOMY PURCHASES | 117,914 | 81,539 | 14,415 | 10,800 | 44,200 | 56,900 | 325,768 |
| 5. ADJUSTMENTS TO FUEL COST | (3,528) | (2,983) | (3,085) | 0 | 0 | 0 | (9,556) |
| 6. TOTAL FUEL & NET POWER TRANSACTION (Sum of Lines A1 Through A5) | 27,962,795 | 25,307,841 | 25,618,264 | 25,496,488 | 23,814,990 | 24,767,610 | 152,968,088 |
| *INCLUDES ECONOMY SALES PROFITS (80%) | | | | | | | |
| B 1. JURISDICTIONAL MWH SALES | 1,169,483 | 1,077,289 | 1,085,740 | 1,140,488 | 1,084,129 | 1,048,466 | 6,585,575 |
| 2. NON-JURISDICTIONAL MWH SALES | 0 | 2,454 | 2,359 | 931 | 2,533 | 2,020 | 10,297 |
| 3. TOTAL SALES (Lines B1 + B2) | 1,169,483 | 1,079,743 | 1,088,099 | 1,141,399 | 1,086,662 | 1,050,486 | 6,595,872 |
| 4. JURISDIC. % OF TOTAL SALES (Line B1/B3) | 1.0000000 | 0.9977272 | 0.9977914 | 0.9991843 | 0.9976690 | 0.9980771 | - |
| C 1. JURISDICTIONAL FUEL RECOVERY REVENUE (Net of Revenue Taxes) | 27,386,398 | 25,297,555 | 24,997,351 | 26,788,765 | 25,463,865 | 24,618,567 | 154,552,501 |
| 1a. ADJUSTMENTS TO FUEL REVENUE | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2. TRUE-UP PROVISION | 158,890 | 158,890 | 158,890 | 158,890 | 158,890 | 158,891 | 952,141 |
| 2a. INCENTIVE PROVISION | (67,878) | (67,878) | (67,878) | (67,878) | (67,878) | (67,875) | (406,065) |
| 2b. OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3. FUEL REVENUE APPLICABLE TO PERIOD (Sum of Lines C1 Through C2b) | 27,477,410 | 25,388,567 | 25,088,363 | 26,879,777 | 25,554,877 | 24,709,583 | 155,098,577 |
| 4. TOTAL FUEL & NET PWR. TRANS. (Line A6) | 27,962,795 | 25,307,841 | 25,618,264 | 25,496,488 | 23,814,990 | 24,767,610 | 152,968,088 |
| 5. JURISDIC. TOTAL FUEL & NET PWR.TRANS. (Line A6 x Line B4 ) | 27,962,795 | 25,250,422 | 25,561,684 | 25,475,681 | 23,759,477 | 24,719,984 | 152,730,053 |
| 5a. JURISDIC. LOSS MULTIPLIER | 1.0000 | 1.0005 | 1.0005 | 1.0005 | 1.0005 | 1.0005 | - |
| 5b. LINE 5 X LINE 5a | 27,962,795 | 25,263,047 | 25,574,465 | 25,488,429 | 23,771,357 | 24,732,344 | 152,792,437 |
| 6. OVER/(UNDER) RECOVERY | (485,385) | 125,520 | (486,102) | 1,391,348 | 1,783,520 | (22,761) | 2,306,140 |
| 7. INTEREST PROVISION | 19,222 | 19,000 | 19,282 | 22,772 | 32,226 | 36,471 | 148,973 |
| 8. TOTAL ESTIMATED TRUE-UP FOR THE PERIOD | | | | | | | 2,455,113 |

COMPARISON OF ESTIMATED/ACTUAL VERSUS ORIGINAL PROJECTIONS
OF THE FUEL AND PURCHASED POWER COST RECOVERY FACTOR
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF: OCT., 1984 THRU MAR., 1985

SCHEDULE E-1B-1

| | DOLLARS | | | | MWH | | | | cents/KWH | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ESTIMATED/ ACTUAL | ESTIMATED ORIGINAL | DIFFERENCE AMOUNT | % | ESTIMATED/ ACTUAL | ESTIMATED ORIGINAL | DIFFERENCE AMOUNT | % | ESTIMATED/ ACTUAL | ESTIMATED ORIGINAL | DIFFERENCE AMOUNT | % |
| 1. Fuel Cost of System Net Generation (E3) | 167,248,284 | 160,682,999 | 6,565,285 | 4.1 | 7,708,471 | 7,193,453 | 515,018 | 7.2 | 2.16964 | 2.23374 | (0.06410) | (2.9) |
| 2. Spent Nuclear Fuel Disposal Cost | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.00000 | 0.00000 | 0.00000 | 0.0 |
| 3. Coal Car Investment | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.00000 | 0.00000 | 0.00000 | 0.0 |
| 4. Adjustments to Fuel Cost | (9,556) | 0 | (9,556) | 0.0 | 0 | 0 | 0 | 0.0 | 0.00000 | 0.00000 | 0.00000 | 0.0 |
| 5. TOTAL COST OF GENERATED POWER | 167,238,728 | 160,682,999 | 6,555,729 | 4.1 | 7,708,471 | 7,193,453 | 515,018 | 7.2 | 2.16952 | 2.23374 | (0.06422) | (2.9) |
| 6. Fuel Cost of Purchased Power - (Exclusive of Econ) (E7) | 1,285,429 | 1,564,400 | (278,971) | (17.8) | 27,185 | 34,785 | (7,600) | (21.8) | 4.72845 | 4.49734 | 0.23111 | 5.1 |
| 7. Energy Cost of Sch C,X Economy Purchases (Broker) (E9) | 325,768 | 162,900 | 162,868 | 100.0 | 10,155 | 6,366 | 3,789 | 59.5 | 3.20786 | 2.55891 | 0.64895 | 25.4 |
| 8. Energy Cost of Other Econ Purch (Non-Broker) (E9) | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.00000 | 0.00000 | 0.00000 | 0.0 |
| 9. Energy Cost of Sch. E Econ Purchases (E9) | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.00000 | 0.00000 | 0.00000 | 0.0 |
| 10. Capacity Cost of Sch. E Economy Purchases | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.00000 | 0.00000 | 0.00000 | 0.0 |
| 11. Energy Payments to Qualifying Facilities (E8) | 3,380,599 | 4,642,600 | (1,262,001) | (27.2) | 217,676 | 279,642 | (61,966) | (22.2) | 1.55304 | 1.66019 | (0.10715) | (6.5) |
| 12. TOTAL COST OF PURCHASED POWER | 4,991,796 | 6,369,900 | (1,378,104) | (21.6) | 255,016 | 320,793 | (65,777) | (20.5) | 1.95744 | 1.98567 | (0.02823) | (1.4) |
| 13. TOTAL AVAILABLE MWH (LINE 5 + LINE 12) | | | | | 7,963,487 | 7,514,246 | 449,241 | 6.0 | | | | |
| 14. Fuel Cost of Economy Sales (E6) | 13,305,522 | 7,656,200 | 5,649,322 | 73.8 | 893,830 | 468,199 | 425,631 | 90.9 | 1.48860 | 1.63524 | (0.14664) | (9.0) |
| 15. Gain on Economy Sales - 80% (E6) | 2,109,006 | 1,015,520 | 1,093,486 | 107.7 | 893,830 (a) | 468,199 (a) | 425,631 | 90.9 | 0.23595 | 0.21690 | 0.01905 | 8.8 |
| 16. Fuel Cost of Schedule D Sales - Jurisd. (E6) | 354,886 | 388,700 | (33,814) | (8.7) | 23,620 | 24,144 | (524) | (2.2) | 1.50248 | 1.60992 | (0.10744) | (6.7) |
| 16a. Fuel Cost of Schedule D Sales - Separated (E6) | 2,541,484 | 2,994,700 | (453,216) | (15.1) | 189,325 | 209,462 | (20,137) | (9.6) | 1.34239 | 1.42971 | (0.08732) | (6.1) |
| 16b. Fuel Cost of Schedule D HPP Sales - Separated (E6) | 533,038 | 1,426,200 | (893,162) | (62.6) | 25,392 | 71,744 | (46,352) | (64.6) | 2.09924 | 1.98790 | 0.11134 | 5.6 |
| 16c. Fuel Cost of Schedule J Sales - Jurisd. (E6) | 416,500 | 788,900 | (372,400) | (47.2) | 24,767 | 45,748 | (20,981) | (45.9) | 1.68167 | 1.72445 | (0.04278) | (2.5) |
| 17. Fuel Cost of Other Power Sales (E6) | 0 | 0 | 0 | 0.0 | 0 | 0 | 0 | 0.0 | 0.00000 | 0.00000 | 0.00000 | 0.0 |
| 18. TOTAL FUEL COST AND GAINS ON POWER SALES (LINES 14 + 15 + 16 + 16a + 16b + 16c + 17) | 19,260,436 | 14,270,220 | 4,990,216 | 35.0 | 1,156,934 | 819,297 | 337,637 | 41.2 | 1.66476 | 1.74178 | (0.07698) | (4.4) |
| 19. Net Inadvertent Interchange | | | | | 11 | 0 | 11 | 0.0 | | | | |
| 19a. Wheeling Rec'd. Less Wheeling Deliv'd. | | | | | 632 | 0 | 632 | 0.0 | | | | |
| 19b. Interchange and Wheeling Losses | | | | | 21,026 | 12,865 | 8,161 | 63.4 | | | | |
| 20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINES 5 + 12 + 18 + 19 + 19a + 19b) | 152,968,088 | 152,782,679 | 185,409 | 0.1 | 6,786,370 | 6,682,084 | 104,286 | 1.6 | 2.25405 | 2.28645 | (0.03240) | (1.4) |
| 21. Net Unbilled | (3,237,905) * | (2,983,406) * | (254,099) | 8.5 | (143,651) | (130,482) | (13,169) | 10.1 | (0.04771) | (0.04465) | (0.00306) | 6.9 |
| 22. Company Use | 358,453 * | 370,405 * | (10,952) | (3.0) | 15,947 | 16,200 | (253) | (1.6) | 0.00546 | 0.00572 | (0.00027) | (4.7) |
| 23. T & D Losses | 7,172,432 * | 7,289,820 * | (117,388) | (1.6) | 316,202 | 316,827 | (625) | (0.2) | 0.10874 | 0.11254 | (0.00380) | (3.4) |
| 24. System KWH Sales | 152,968,088 | 152,782,679 | 185,409 | 0.1 | 6,595,572 | 6,477,539 | 118,033 | 1.8 | 2.31915 | 2.35865 | (0.03950) | (1.7) |
| 25. Wholesale KWH Sales | (238,035) | (101,945) | (136,090) | 133.5 | (10,297) | (4,305) | (5,992) | 139.2 | 2.31168 | 2.36806 | (0.05637) | (2.4) |
| 26. Jurisdictional KWH Sales | 152,730,053 | 152,680,734 | 49,319 | 0.0 | 6,585,575 | 6,473,234 | 112,341 | 1.7 | 2.31913 | 2.35865 | (0.03949) | (1.7) |
| 26a. Jurisdictional Loss Multiplier | | | | | | | | | 1.0000 | 1.0000 | 0.00000 | 0.0 |
| 27. Jurisdictional KWH Sales Adjusted for Line Losses | 152,808,418 | 152,757,074 | 49,344 | 0.0 | 6,585,575 | 6,473,234 | 112,341 | 1.7 | 2.32032 | 2.35983 | (0.03951) | (1.7) |
| 28. True-up ** | (4,820,709) | (952,141) | (3,868,568) | 416.8 | 6,585,575 | 6,473,234 | 112,341 | 1.7 | (0.07472) | (0.01471) | (0.06001) | 408.0 |
| 29. Total Jurisdictional Fuel Cost (Excl. GPIF) | 147,885,712 | 151,804,933 | (3,919,221) | (2.6) | 6,585,575 | 6,473,234 | 112,341 | 1.7 | 2.24560 | 2.34512 | (0.09952) | (4.2) |
| 30. Revenue Tax Factor | | | | | | | | | 1.00083 | 1.00083 | 0.00000 | 0.0 |
| 31. Fuel Factor (Excl. GPIF) Adjusted for Taxes | 148,008,457 | 151,930,931 | (3,922,474) | (2.6) | 6,585,575 | 6,473,234 | 112,341 | 1.7 | 2.24746 | 2.34707 | (0.09961) | (4.2) |
| 32. GPIF ** ($406,000 - Not Adjusted for Taxes) | 406,404 | 406,404 | 0 | 0.0 | 6,585,575 | 6,473,234 | 112,341 | 1.7 | 0.00617 | 0.00628 | (0.00011) | (1.8) |
| 33. Fuel Factor Adjusted for Taxes Including GPIF | 148,414,861 | 152,337,335 | (3,922,474) | (2.6) | 6,585,575 | 6,473,234 | 112,341 | 1.7 | 2.25363 | 2.35335 | (0.09972) | (4.2) |
| 34. Fuel Factor Rounded to Nearest .001 cents per KWH | | | | | | | | | 2.254 | 2.353 | (0.09900) | (4.2) |

* Included For Informational Purposes Only
** Calculation Based on Jurisdictional KWH Sales

Note: Amounts included in Estimated/Actual column represent two months actual and four months revised estimates. Amounts included in the Estimated Original column represent amounts projected in previous fuel adjustment period.

**CALCULATION OF GENERATING PERFORMANCE**
**INCENTIVE FACTOR AND TRUE-UP FACTOR**
**TAMPA ELECTRIC COMPANY**
**FOR THE PERIOD: APRIL 1995 THRU SEPTEMBER 1995**

1. TOTAL AMOUNT OF ADJUSTMENTS:

   A. GENERATING PERFORMANCE INCENTIVE REWARD (PENALTY) (APRIL 1995 THRU SEPTEMBER 1995) — $146,321

   B. TRUE-UP OVER / (UNDER) RECOVERED (OCTOBER 1994 THRU MARCH 1995) — $6,423,678

2. TOTAL SALES (APRIL 1995 THRU SEPTEMBER 1995) — 7,635,330 MWH

3. ADJUSTMENT FACTORS:

   A. GENERATING PERFORMANCE INCENTIVE FACTOR — 0.0019 Cents/KWH

   B. TRUE-UP FACTOR — (0.0841) Cents/KWH

**FUEL ADJUSTMENT FACTOR FOR**
**OPTIONAL TIME-OF-DAY RATES**
**TAMPA ELECTRIC COMPANY**
**PROJECTION FOR THE PERIOD**
**APRIL 1995 THRU SEPTEMBER 1995**

1. COST RATIO:

$$\frac{2.668 \text{ ON-PEAK}}{2.020 \text{ OFF-PEAK}} = 1.3208$$

2. SALES/GENERATION:

35.88 % ON-PEAK 64.12 % OFF-PEAK

3. FORMULA:

X = ON-PEAK Y = OFF-PEAK

0.3588 * 1.3208 Y + 0.6412 Y = 2.3859 INCLUDES TAX @ 1.00083
1.1151 Y = 2.3859
Y = 2.1396

X = 1.3208 Y
X = 1.3208 * 2.1396
X = 2.8260

| | ON-PEAK | OFF-PEAK |
|---|---|---|
| 4. FUEL COST (cents/KWH) | 2.8260 | 2.1396 |
| 5. FUEL FACTOR (cents/KWH NEAREST .000) | 2.826 | 2.140 |

# FUEL RECOVERY FACTORS - BY RATE GROUP
## ( ADJUSTED FOR LINE/TRANSFORMATION LOSSES)
## TAMPA ELECTRIC COMPANY
## FOR THE PERIOD: APRIL 1995 THRU SEPTEMBER 1995



| (1) GROUP | (2) RATE SCHEDULE | | (3) AVERAGE FACTOR | (4) FUEL RECOVERY LOSS MULTIPLIER | (5) FUEL RECOVERY FACTOR |
|---|---|---|---|---|---|
| A | RS,GS,TS | | 2.386 | 1.0064 | 2.401 |
| A1* | SL-2, OL-1&3 | | 2.386 | N/A | 2.258 |
| B | GSD,GSLD,SBF | | 2.386 | 1.0012 | 2.389 |
| C | IS-1&3,SBI-1&3 | | 2.386 | 0.9721 | 2.319 |
| D | N/A | | N/A | N/A | N/A |
| A | RST,GST | ON-PEAK | 2.826 | 1.0064 | 2.844 |
| | | OFF-PEAK | 2.140 | 1.0064 | 2.154 |
| A1 | SL-2, OL-1&3 | ON-PEAK | N/A | N/A | N/A |
| | | OFF-PEAK | N/A | N/A | N/A |
| B | GSDT,GSLDT,SBFT | ON-PEAK | 2.826 | 1.0012 | 2.829 |
| | | OFF-PEAK | 2.140 | 1.0012 | 2.143 |
| C | IST-1&3,SBIT-1&3 | ON-PEAK | 2.826 | 0.9721 | 2.747 |
| | | OFF-PEAK | 2.140 | 0.9721 | 2.080 |
| D | N/A | ON-PEAK | N/A | N/A | N/A |
| | | OFF-PEAK | N/A | N/A | N/A |

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

SCHEDULE E2

# FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
## TAMPA ELECTRIC COMPANY
## FOR THE PERIOD OF: APRIL 1995 THRU SEPTEMBER 1995

| LINE NUMBER | | (a) ESTIMATED Apr-95 | (b) May-95 | (c) Jun-95 | (d) Jul-95 | (e) Aug-95 | (f) Sep-95 | TOTAL PERIOD | LINE NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 1 | FUEL COST OF SYSTEM NET GENERATION | 27,708,946 | 31,869,107 | 34,162,837 | 35,265,878 | 34,540,786 | 31,887,150 | 195,434,704 | 1 |
| 1a | NUCLEAR FUEL DISPOSAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1a |
| 2 | FUEL COST OF POWER SOLD * | 3,383,580 | 4,034,140 | 3,644,400 | 3,707,420 | 2,725,880 | 2,745,620 | 20,241,040 | 2 |
| 3 | FUEL COST OF PURCHASED POWER | 342,700 | 744,900 | 805,300 | 968,900 | 1,375,100 | 1,283,600 | 5,520,500 | 3 |
| 3a | DEMAND & NON FUEL COST OF PUR POWER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3a |
| 3b | QUALIFYING FACILITIES | 691,600 | 739,500 | 704,300 | 779,000 | 856,300 | 807,100 | 4,577,800 | 3b |
| 4 | ENERGY COST OF ECONOMY PURCHASES | 40,600 | 113,000 | 84,700 | 89,400 | 120,300 | 176,500 | 624,500 | 4 |
| 4a | ADJUSTMENTS TO FUEL COSTS (PEABODY) | 520,230 | 517,699 | 515,168 | 512,637 | 510,106 | 507,575 | 3,083,415 | 4a |
| 5 | TOTAL FUEL & NET POWER TRANSACTION (SUM OF LINES 1 THRU 4a) | 25,920,496 | 29,950,066 | 32,627,905 | 33,908,395 | 34,676,712 | 31,916,305 | 188,999,879 | 5 |
| 6 | JURISDICTIONAL KWH SOLD (MWH) | 1,057,521 | 1,120,044 | 1,324,569 | 1,375,194 | 1,368,852 | 1,389,150 | 7,635,330 | 6 |
| 6a | JURISDICTIONAL % OF TOTAL SALES | 0.9986675 | 0.9980343 | 0.9964740 | 0.9953324 | 0.9936823 | 0.9933476 | - | 6a |
| 6b | JURISDIC. TOT. FUEL & NET PWR. TRANS. (LINE 5 X LINE 6a) | 25,885,957 | 29,891,193 | 32,512,859 | 33,750,124 | 34,457,835 | 31,703,985 | 188,201,753 | 6b |
| 7 | JURISDICTIONAL LOSS MULTIPLIER | 1.0005 | 1.0005 | 1.0005 | 1.0005 | 1.0005 | 1.0005 | - | 7 |
| 7a | LINE 6b x LINE 7 | 25,898,900 | 29,906,139 | 32,529,115 | 33,766,999 | 34,474,864 | 31,719,837 | 188,295,854 | 7a |
| 8 | COST PER KWH SOLD (cents/KWH) | 2.4490 | 2.6701 | 2.4558 | 2.4554 | 2.5185 | 2.2834 | 2.4661 | 8 |
| 9 | TRUE UP ** (cents/KWH) | (0.0841) | (0.0841) | (0.0841) | (0.0841) | (0.0841) | (0.0841) | (0.0841) | 9 |
| 10 | TOTAL (LINES 8+9)(cents/KWH) | 2.3649 | 2.5860 | 2.3717 | 2.3713 | 2.4344 | 2.1993 | 2.3820 | 11 |
| 11 | REVENUE TAX FACTOR | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 12 |
| 12 | RECOVERY FAC. ADJ. FOR TAXES (c/KWH) (EXCL. GPIF) | 2.3669 | 2.5881 | 2.3737 | 2.3733 | 2.4364 | 2.2011 | 2.3840 | 13 |
| 13 | GPIF ** (cents/KWH) (ALREADY ADJUSTED FOR TAXES) | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 0.0019 | 14 |
| 14 | TOTAL RECOVERY FACTOR (LINES 12+13) | 2.3688 | 2.5900 | 2.3756 | 2.3752 | 2.4383 | 2.2030 | 2.3859 | 15 |
| 15 | RECOVERY FACTOR ROUNDED TO NEAREST .001 cents/KWH | 2.369 | 2.590 | 2.376 | 2.375 | 2.438 | 2.203 | 2.386 | 16 |

* INCLUDES ECONOMY SALES PROFITS (80%)
** BASED ON JURISDICTIONAL SALES ONLY

SCHEDULE E3



# GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE
## TAMPA ELECTRIC COMPANY
### ESTIMATED FOR THE PERIOD OF: APRIL 1996 THRU SEPTEMBER 1996

| | | Apr-96 | May-96 | Jun-96 | Jul-96 | Aug-96 | Sep-96 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| | FUEL COST OF SYSTEM NET GENERATION ($) | | | | | | | |
| 1 | HEAVY OIL | 50,569 | 277,445 | 575,457 | 725,882 | 964,851 | 613,469 | 3,227,473 |
| 2 | LIGHT OIL | 207,047 | 134,218 | 91,798 | 181,888 | 328,647 | 223,352 | 1,164,960 |
| 3 | COAL | 27,451,330 | 31,457,444 | 33,495,582 | 34,358,298 | 33,229,288 | 31,050,329 | 191,042,271 |
| 4 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | TOTAL ($) | 27,708,946 | 31,869,107 | 34,162,837 | 35,265,878 | 34,540,786 | 31,887,150 | 195,434,704 |
| | SYSTEM NET GENERATION (MWH) | | | | | | | |
| 8 | HEAVY OIL | 1,534 | 6,829 | 13,660 | 17,184 | 24,195 | 16,320 | 79,732 |
| 9 | LIGHT OIL | 2,959 | 1,912 | 1,310 | 2,887 | 4,601 | 3,135 | 16,484 |
| 10 | COAL | 1,262,336 | 1,444,634 | 1,560,511 | 1,597,154 | 1,560,139 | 1,471,152 | 8,895,926 |
| 11 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | TOTAL (MWH) | 1,266,829 | 1,453,375 | 1,575,481 | 1,616,915 | 1,588,935 | 1,490,607 | 8,992,142 |
| | UNITS OF FUEL BURNED | | | | | | | |
| 15 | HEAVY OIL (BBL) | 2,718 | 17,104 | 36,114 | 45,190 | 60,239 | 36,855 | 198,020 |
| 16 | LIGHT OIL (BBL) | 6,546 | 5,515 | 3,759 | 7,417 | 13,261 | 9,041 | 47,539 |
| 17 | COAL (TON) | 534,774 | 613,234 | 655,565 | 676,858 | 660,142 | 617,900 | 3,758,472 |
| 18 | NATURAL GAS (MCF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 14,582 | 108,582 | 228,279 | 285,645 | 380,779 | 231,700 | 1,249,544 |
| 22 | LIGHT OIL | 49,565 | 31,968 | 21,802 | 43,018 | 76,914 | 52,440 | 275,727 |
| 23 | COAL | 12,457,121 | 14,651,250 | 15,825,341 | 16,338,069 | 15,923,298 | 14,897,634 | 90,092,711 |
| 24 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | TOTAL (MMBTU) | 12,521,268 | 14,791,800 | 16,075,422 | 16,666,732 | 16,380,986 | 15,181,774 | 91,617,982 |
| | GENERATION MIX (% MWH) | | | | | | | |
| 28 | HEAVY OIL | 0.12 | 0.47 | 0.87 | 1.06 | 1.52 | 1.09 | 0.89 |
| 29 | LIGHT OIL | 0.23 | 0.13 | 0.08 | 0.16 | 0.29 | 0.21 | 0.18 |
| 30 | COAL | 99.65 | 99.40 | 99.05 | 98.78 | 98.19 | 98.70 | 98.93 |
| 31 | NATURAL GAS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 ($/BBL) | 18.61 | 16.22 | 15.93 | 16.06 | 16.35 | 16.74 | 16.30 |
| 36 | LIGHT OIL ($/BBL) | 24.23 | 24.34 | 24.42 | 24.52 | 24.63 | 24.70 | 24.51 |
| 37 | COAL ($/TON) | 51.33 | 51.30 | 51.09 | 50.78 | 50.34 | 50.25 | 50.83 |
| 38 | NATURAL GAS ($/MC | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | NUCLEAR ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | FUEL COST PER MMBTU ($/MMBTU) | | | | | | | |
| 41 | HEAVY OIL | 3.47 | 2.56 | 2.52 | 2.54 | 2.59 | 2.65 | 2.56 |
| 42 | LIGHT OIL | 4.18 | 4.20 | 4.21 | 4.23 | 4.25 | 4.26 | 4.23 |
| 43 | COAL | 2.20 | 2.15 | 2.12 | 2.10 | 2.09 | 2.08 | 2.12 |
| 44 | NATURAL GAS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | 2.21 | 2.15 | 2.13 | 2.12 | 2.11 | 2.10 | 2.13 |
| | BTU BURNED PER KWH (BTU/KWH) | | | | | | | |
| 48 | HEAVY OIL | 9,506 | 15,897 | 16,711 | 16,613 | 15,738 | 14,197 | 15,672 |
| 49 | LIGHT OIL | 16,751 | 16,730 | 16,643 | 16,756 | 16,717 | 16,727 | 16,727 |
| 50 | COAL | 9,868 | 10,142 | 10,141 | 10,229 | 10,206 | 10,127 | 10,127 |
| 51 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | TOTAL (BTU/KWH) | 9,884 | 10,178 | 10,204 | 10,308 | 10,309 | 10,185 | 10,189 |
| | GENERATED FUEL COST PER KWH (cents/KWH) | | | | | | | |
| 55 | HEAVY OIL | 3.30 | 4.06 | 4.21 | 4.22 | 4.07 | 3.76 | 4.05 |
| 56 | LIGHT OIL | 7.00 | 7.02 | 7.01 | 7.09 | 7.10 | 7.12 | 7.07 |
| 57 | COAL | 2.17 | 2.18 | 2.15 | 2.15 | 2.13 | 2.11 | 2.15 |
| 58 | NATURAL GAS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | 2.19 | 2.19 | 2.17 | 2.18 | 2.17 | 2.14 | 2.17 |

SCHEDULE E4

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD/MONTH OF: APRIL 1996

| (A) PLANT/UNIT | (B) NET CAPABILITY (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 H.P.#1 | 32 | 0 | 0.0 | 100.0 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 2 H.P.#2 | 32 | 0 | 0.0 | 100.0 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 3 H.P.#3 | 32 | 0 | 0.0 | 100.0 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 4 H.P.#4 | 41 | 0 | 0.0 | 100.0 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 5 H.P.#5 | 67 | 0 | 0.0 | 100.0 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 6 H.P. STATION | 204 | 0 | 0.0 | 100.0 | 0.0 | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 7 GAN.#1 | 119 | 31,135 | 36.3 | 82.2 | 81.5 | 11,075 | COAL | 13,907 | 24,794,492 | 344,817.0 | 767,796 | 2.47 | 55.21 |
| 8 GAN.#2 | 119 | 22,059 | 25.7 | 94.7 | 80.9 | 11,338 | COAL | 10,087 | 24,794,290 | 250,100.0 | 556,897 | 2.52 | 55.21 |
| 9 GAN.#3 | 155 | 41,943 | 37.6 | 95.4 | 77.8 | 11,080 | COAL | 18,743 | 24,794,803 | 464,729.0 | 1,034,789 | 2.47 | 55.21 |
| 10 GAN.#4 | 189 | 66,876 | 49.1 | 90.7 | 82.7 | 6,094 | COAL | 28,414 | 14,342,437 | 407,526.0 | 1,568,718 | 2.35 | 55.21 |
| 11 GAN. 1 - 4 | 582 | 162,013 | 38.7 | 91.0 | 80.9 | 9,056 | COAL | 71,151 | 20,620,539 | 1,467,172.0 | 3,928,200 | 2.42 | 55.21 |
| 12 GAN.#5 | 227 | 108,922 | 66.6 | 88.7 | 90.4 | 9,884 | COAL | 43,164 | 24,941,919 | 1,076,593.0 | 2,383,056 | 2.19 | 55.21 |
| 13 GAN.#6 | 362 | 180,734 | 69.3 | 85.0 | 82.7 | 10,243 | COAL | 74,403 | 24,882,021 | 1,851,297.0 | 4,107,740 | 2.27 | 55.21 |
| 14 GAN. 5 & 6 | 589 | 289,656 | 68.3 | 86.4 | 85.4 | 10,108 | COAL | 117,567 | 24,904,012 | 2,927,890.0 | 6,490,796 | 2.24 | 55.21 |
| 15 GANNON STA. | 1,171 | 451,669 | 53.6 | 88.7 | 83.7 | 9,731 | COAL | 188,718 | 23,289,045 | 4,395,062.0 | 10,418,996 | 2.31 | 55.21 |
| 16 B.B.#1 | 405 | 227,804 | 78.1 | 78.7 | 94.1 | 10,047 | COAL | 96,064 | 23,824,096 | 2,288,638.0 | 4,897,813 | 2.15 | 50.98 |
| 17 B.B.#2 | 406 | 256,234 | 87.7 | 88.0 | 95.3 | 9,970 | COAL | 105,772 | 24,153,056 | 2,554,717.0 | 5,392,774 | 2.10 | 50.98 |
| 18 B.B.#3 | 430 | 36,013 | 11.6 | 11.5 | 98.5 | 9,419 | COAL | 14,039 | 24,162,903 | 339,223.0 | 715,777 | 1.99 | 50.98 |
| 19 B.B. 1 - 3 | 1,241 | 520,051 | 58.2 | 58.5 | 95.0 | 9,966 | COAL | 215,875 | 24,007,310 | 5,182,578.0 | 11,006,364 | 2.12 | 50.98 |
| 20 B.B.#4 | 441 | 290,616 | 91.5 | 90.5 | 97.6 | 9,908 | COAL | 130,181 | 22,119,057 | 2,879,481.0 | 6,025,970 | 2.07 | 46.29 |
| 21 B.B. STA. | 1,682 | 810,667 | 66.9 | 66.9 | 95.9 | 9,945 | COAL | 346,056 | 23,296,978 | 8,062,059.0 | 17,032,334 | 2.10 | 49.22 |
| 22 COAL UNITS | 2,853 | 1,262,336 | 61.5 | 75.8 | 91.2 | 9,868 | COAL | 534,774 | 23,294,178 | 12,457,121.0 | 27,451,330 | 2.17 | 51.33 |
| 23 PHILLIPS #1 (HVY OIL) | 17 | 779 | 6.4 | 98.6 | 99.6 | 9,511 | HVY OIL | 1,381 | 5,364,953 | 7,409.0 | 25,694 | 3.30 | 18.61 |
| 24 PHILLIPS #2 (HVY OIL) | 17 | 755 | 6.2 | 98.6 | 100.9 | 9,501 | HVY OIL | 1,337 | 5,364,996 | 7,173.0 | 24,875 | 3.29 | 18.61 |
| 25 SEB-PHILLIPS TOTAL | 34 | 1,534 | 6.3 | 98.6 | 100.3 | 9,506 | HVY OIL | 2,718 | 5,364,974 | 14,582.0 | 50,569 | 3.30 | 18.61 |
| 26 DINNER LAKE(GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 27 DINNER LAKE(HVY OIL) | 0 | 0 | - | - | - | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 28 SEB-DINNER LAKE TOTAL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | - | - | 0 | 0.0 | 0 | 0.00 | - |
| 29 SEBRING UNITS (GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30 (HVY OIL) | 34 | 1,534 | - | - | - | 9,506 | HVY OIL | 2,718 | 5,364,974 | 14,582.0 | 50,569 | 3.30 | 18.61 |
| 31 SEBRING UNITS TOTAL | 34 | 1534 | 6.3 | 98.6 | 100.3 | 9,506 | - | - | 0 | 14,582.0 | 50,569 | 3.30 | - |
| 32 GAN.C.T.#1 | 15 | 178 | 1.6 | 99.3 | 98.9 | 19,770 | LGT OIL | 607 | 5,797,364 | 3,519.0 | 14,706 | 8.26 | 24.23 |
| 33 B.B.C.T.#1 | 15 | 208 | 1.9 | 99.2 | 99.0 | 18,962 | LGT OIL | 680 | 5,800,000 | 3,944.0 | 16,475 | 7.92 | 24.23 |
| 34 B.B.C.T.#2 | 65 | 1,477 | 3.2 | 98.6 | 87.4 | 16,356 | LGT OIL | 4,165 | 5,800,240 | 24,158.0 | 100,907 | 6.83 | 24.23 |
| 35 B.B.C.T.#3 | 65 | 1,096 | 2.3 | 98.9 | 84.3 | 16,372 | LGT OIL | 3,094 | 5,799,612 | 17,944.0 | 74,959 | 6.84 | 24.23 |
| 36 C.T. TOTAL | 160 | 2959 | 2.6 | 98.8 | 87.5 | 16,751 | LGT OIL | 8,546 | 5,799,789 | 49,565.0 | 207,047 | 7.00 | 24.23 |
| 37 SYSTEM | 3,251 | 1,266,829 | 54.1 | 78.7 | 91.2 | 9,884 | - | - | - | 12,521,268.0 | 27,708,946 | 2.19 | - |

LEGEND: H.P. = HOOKERS POINT; B.B. = BIG BEND; HVY=HEAVY; NAT=NATURAL; GAN. = GANNON; C.T. = COMBUSTION TURBINE; LGT=LIGHT

SCHEDULE E4

**SYSTEM NET GENERATION AND FUEL COST**
**TAMPA ELECTRIC COMPANY**
**ESTIMATED FOR THE PERIOD/MONTH OF: MAY 1996**

| (A) PLANT/UNIT | (B) NET CAPABILITY (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 H.P.#1 | 32 | 340 | 1.4 | 99.7 | 96.6 | 15,724 | HVY OIL | 846 | 6,319,149 | 5,346.0 | 12,902 | 3.79 | 15.25 |
| 2 H.P.#2 | 32 | 319 | 1.3 | 99.9 | 99.7 | 16,025 | HVY OIL | 809 | 6,318,912 | 5,112.0 | 12,338 | 3.87 | 15.25 |
| 3 H.P.#3 | 32 | 363 | 1.5 | 99.7 | 94.5 | 15,595 | HVY OIL | 896 | 6,318,080 | 5,661.0 | 13,665 | 3.76 | 15.25 |
| 4 H.P.#4 | 41 | 501 | 1.6 | 99.7 | 94.0 | 15,439 | HVY OIL | 1,224 | 6,319,444 | 7,735.0 | 18,667 | 3.73 | 15.25 |
| 5 H.P.#5 | 67 | 3,807 | 7.6 | 93.4 | 41.5 | 18,507 | HVY OIL | 11,146 | 6,321,191 | 70,456.0 | 169,986 | 4.47 | 15.25 |
| 6 H.P. STATION | 204 | 5,330 | 3.5 | 97.7 | 49.5 | 17,694 | HVY OIL | 14,921 | 6,320,622 | 94,310.0 | 227,558 | 4.27 | 15.25 |
| 7 GAN.#1 | 119 | 50,206 | 56.7 | 93.5 | 86.3 | 11,107 | COAL | 22,490 | 24,795,064 | 557,641.0 | 1,238,529 | 2.47 | 55.07 |
| 8 GAN.#2 | 119 | 35,945 | 40.6 | 92.1 | 84.1 | 11,437 | COAL | 16,579 | 24,795,766 | 411,089.0 | 913,009 | 2.54 | 55.07 |
| 9 GAN.#3 | 155 | 61,414 | 53.3 | 94.1 | 83.4 | 11,130 | COAL | 27,568 | 24,794,907 | 683,546.0 | 1,518,176 | 2.47 | 55.07 |
| 10 GAN.#4 | 189 | 86,229 | 61.3 | 89.0 | 87.6 | 10,584 | COAL | 36,808 | 24,795,180 | 912,661.0 | 2,027,025 | 2.35 | 55.07 |
| 11 GAN. 1 - 4 | 582 | 233,794 | 54.0 | 91.9 | 85.6 | 10,971 | COAL | 103,445 | 24,795,176 | 2,564,937.0 | 5,696,739 | 2.44 | 55.07 |
| 12 GAN.#5 | 227 | 126,137 | 74.7 | 88.7 | 91.2 | 9,964 | COAL | 50,391 | 24,941,815 | 1,256,843.0 | 2,775,043 | 2.20 | 55.07 |
| 13 GAN.#6 | 362 | 136,191 | 50.6 | 57.5 | 88.7 | 10,252 | COAL | 56,112 | 24,881,790 | 1,396,167.0 | 3,090,100 | 2.27 | 55.07 |
| 14 GAN. 5 & 6 | 589 | 262,328 | 59.9 | 69.5 | 89.9 | 10,113 | COAL | 106,503 | 24,910,190 | 2,653,010.0 | 5,865,143 | 2.24 | 55.07 |
| 15 GANNON STA. | 1,171 | 496,122 | 56.9 | 80.7 | 87.9 | 10,517 | COAL | 209,948 | 24,853,521 | 5,217,947.0 | 11,561,882 | 2.33 | 55.07 |
| 16 B.B.#1 | 405 | 252,866 | 83.9 | 84.3 | 94.6 | 10,104 | COAL | 107,248 | 23,823,848 | 2,555,060.0 | 5,441,932 | 2.15 | 50.74 |
| 17 B.B.#2 | 406 | 264,112 | 87.4 | 88.2 | 95.1 | 9,998 | COAL | 109,325 | 24,153,204 | 2,640,549.0 | 5,547,322 | 2.10 | 50.74 |
| 18 B.B.#3 | 430 | 134,690 | 42.1 | 42.1 | 96.4 | 9,457 | COAL | 52,712 | 24,163,530 | 1,273,708.0 | 2,674,690 | 1.99 | 50.74 |
| 19 B.B. 1 - 3 | 1,241 | 651,668 | 70.6 | 71.0 | 95.2 | 9,927 | COAL | 269,285 | 24,024,053 | 6,469,317.0 | 13,663,944 | 2.10 | 50.74 |
| 20 B.B.#4 | 441 | 296,844 | 90.5 | 90.6 | 96.6 | 9,985 | COAL | 134,001 | 22,119,133 | 2,963,986.0 | 6,231,618 | 2.10 | 46.50 |
| 21 B.B. STA. | 1,682 | 948,512 | 75.8 | 76.1 | 95.6 | 9,945 | COAL | 403,286 | 23,391,100 | 9,433,303.0 | 19,895,562 | 2.10 | 49.33 |
| 22 COAL UNITS | 2,853 | 1,444,634 | 68.1 | 78.0 | 92.8 | 10,142 | COAL | 613,234 | 23,891,777 | 14,651,250.0 | 31,457,444 | 2.18 | 51.30 |
| 23 PHILLIPS #1 (HVY OIL) | 17 | 762 | 6.0 | 98.7 | 99.6 | 9,507 | HVY OIL | 1,110 | 6,526,126 | 7,244.0 | 25,366 | 3.33 | 22.85 |
| 24 PHILLIPS #2 (HVY OIL) | 17 | 737 | 5.8 | 98.8 | 100.8 | 9,509 | HVY OIL | 1,073 | 6,531,221 | 7,008.0 | 24,521 | 3.33 | 22.85 |
| 25 SEB-PHILLIPS TOTAL | 34 | 1,499 | 5.9 | 98.8 | 100.2 | 9,508 | HVY OIL | 2,183 | 6,528,630 | 14,252.0 | 49,887 | 3.33 | 22.85 |
| 26 DINNER LAKE(GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 27 DINNER LAKE(HVY OIL) | 0 | 0 | - | - | - | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 28 SEB-DINNER LAKE TOTAL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | - | - | 0 | 0.0 | 0 | 0.00 | - |
| 29 SEBRING UNITS (GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30 (HVY OIL) | 34 | 1,499 | - | - | - | 9,508 | HVY OIL | 2,183 | 6,528,630 | 14,252.0 | 49,887 | 3.33 | 22.85 |
| 31 SEBRING UNITS TOTAL | 34 | 1499 | 5.9 | 98.8 | 100.2 | 9,508 | - | - | 0 | 14,252.0 | 49,887 | 3.33 | - |
| 32 GAN.C.T.#1 | 15 | 114 | 1.0 | 99.6 | 95.0 | 19,781 | LGT OIL | 389 | 5,796,915 | 2,255.0 | 9,487 | 8.30 | 24.34 |
| 33 B.B.C.T.#1 | 15 | 104 | 0.9 | 83.5 | 99.0 | 19,029 | LGT OIL | 341 | 5,803,519 | 1,979.0 | 8,299 | 7.98 | 24.34 |
| 34 B.B.C.T.#2 | 65 | 981 | 2.0 | 99.2 | 83.8 | 16,376 | LGT OIL | 2,770 | 5,799,639 | 16,065.0 | 67,413 | 6.87 | 24.34 |
| 35 B.B.C.T.#3 | 65 | 713 | 1.5 | 99.5 | 84.4 | 16,394 | LGT OIL | 2,015 | 5,800,993 | 11,689.0 | 49,039 | 6.88 | 24.34 |
| 36 C.T. TOTAL | 160 | 1912 | 1.6 | 97.9 | 85.4 | 16,730 | LGT OIL | 5,515 | 5,800,181 | 31,988.0 | 134,218 | 7.02 | 24.34 |
| 37 SYSTEM | 3,251 | 1,453,375 | 60.1 | 80.4 | 92.5 | 10,178 | - | - | - | 14,791,800.0 | 31,869,107 | 2.19 | - |

LEGEND: H.P. = HOOKERS POINT; B.B. = BIG BEND; GAN. = GANNON; C.T. = COMBUSTION TURBINE; HVY=HEAVY; LGT=LIGHT; NAT=NATURAL

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD/MONTH OF: JULY 1996

| (A) PLANT/UNIT | (B) NET CAPABILITY (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 H.P.#1 | 32 | 1,583 | 6.6 | 99.1 | 93.3 | 15,903 | HVY OIL | 3,983 | 6,320,613 | 25,175.0 | 62,531 | 3.95 | 15.70 |
| 2 H.P.#2 | 32 | 1,235 | 5.2 | 99.2 | 94.1 | 16,212 | HVY OIL | 3,167 | 6,322,071 | 20,022.0 | 49,720 | 4.03 | 15.70 |
| 3 H.P.#3 | 32 | 1,105 | 4.6 | 99.3 | 93.3 | 16,342 | HVY OIL | 2,857 | 6,320,616 | 18,058.0 | 44,853 | 4.06 | 15.70 |
| 4 H.P.#4 | 41 | 1,792 | 5.9 | 99.2 | 93.0 | 15,862 | HVY OIL | 4,497 | 6,320,881 | 28,425.0 | 70,601 | 3.94 | 15.70 |
| 5 H.P.#5 | 67 | 9,792 | 19.6 | 84.9 | 46.8 | 18,169 | HVY OIL | 28,147 | 6,320,922 | 177,915.0 | 441,894 | 4.51 | 15.70 |
| 6 H.P. STATION | 204 | 15,507 | 10.2 | 94.5 | 57.4 | 17,385 | HVY OIL | 42,651 | 6,320,954 | 269,595.0 | 669,599 | 4.32 | 15.70 |
| 7 GAN.#1 | 119 | 45,457 | 51.3 | 94.1 | 87.8 | 11,241 | COAL | 20,607 | 24,795,652 | 510,964.0 | 1,138,213 | 2.50 | 55.23 |
| 8 GAN.#2 | 119 | 32,181 | 36.3 | 93.0 | 85.0 | 11,771 | COAL | 15,277 | 24,795,706 | 378,804.0 | 843,814 | 2.62 | 55.23 |
| 9 GAN.#3 | 155 | 54,271 | 47.1 | 94.9 | 86.0 | 11,240 | COAL | 24,602 | 24,795,139 | 610,010.0 | 1,358,874 | 2.50 | 55.23 |
| 10 GAN.#4 | 189 | 80,169 | 57.0 | 89.9 | 90.2 | 10,689 | COAL | 34,559 | 24,794,986 | 856,890.0 | 1,908,842 | 2.38 | 55.23 |
| 11 GAN. 1 - 4 | 582 | 212,078 | 49.0 | 92.7 | 87.8 | 11,112 | COAL | 95,045 | 24,795,286 | 2,356,668.0 | 5,249,743 | 2.48 | 55.23 |
| 12 GAN.#5 | 227 | 113,828 | 67.4 | 88.7 | 91.2 | 10,177 | COAL | 46,445 | 24,942,082 | 1,158,435.0 | 2,565,357 | 2.25 | 55.23 |
| 13 GAN.#6 | 362 | 191,850 | 71.2 | 85.1 | 84.8 | 10,403 | COAL | 80,211 | 24,882,148 | 1,995,822.0 | 4,430,398 | 2.31 | 55.23 |
| 14 GAN. 5 & 6 | 589 | 305,678 | 69.8 | 86.5 | 87.1 | 10,319 | COAL | 126,656 | 24,904,126 | 3,154,257.0 | 6,995,755 | 2.29 | 55.23 |
| 15 GANNON STA. | 1,171 | 517,756 | 59.4 | 89.6 | 87.4 | 10,644 | COAL | 221,701 | 24,857,466 | 5,510,925.0 | 12,245,498 | 2.37 | 55.23 |
| 16 B.B.#1 | 405 | 250,549 | 83.2 | 84.3 | 93.7 | 10,207 | COAL | 107,345 | 23,823,886 | 2,557,375.0 | 5,310,675 | 2.12 | 49.47 |
| 17 B.B.#2 | 406 | 261,604 | 86.6 | 88.2 | 94.2 | 10,096 | COAL | 109,349 | 24,153,042 | 2,641,111.0 | 5,409,819 | 2.07 | 49.47 |
| 18 B.B.#3 | 430 | 276,009 | 86.3 | 87.1 | 95.4 | 9,719 | COAL | 105,266 | 25,483,138 | 2,682,508.0 | 5,207,821 | 1.89 | 49.47 |
| 19 B.B. 1 - 3 | 1,241 | 788,162 | 85.4 | 86.5 | 94.5 | 9,999 | COAL | 321,960 | 24,479,177 | 7,880,994.0 | 15,928,315 | 2.02 | 49.47 |
| 20 B.B.#4 | 441 | 291,236 | 88.8 | 90.6 | 94.7 | 10,116 | COAL | 133,195 | 22,119,074 | 2,946,150.0 | 6,184,485 | 2.12 | 46.43 |
| 21 B.B. STA. | 1,682 | 1,079,398 | 86.3 | 87.6 | 94.5 | 10,031 | COAL | 455,155 | 23,787,817 | 10,827,144.0 | 22,112,800 | 2.05 | 48.58 |
| 22 COAL UNITS | 2,853 | 1,597,154 | 75.2 | 88.4 | 92.1 | 10,229 | COAL | 676,856 | 24,138,176 | 16,338,069.0 | 34,358,298 | 2.15 | 50.76 |
| 23 PHILLIPS #1 (HVY OIL) | 17 | 1,336 | 10.8 | 97.6 | 102.1 | 9,512 | HVY OIL | 2,010 | 6,322,388 | 12,708.0 | 44,398 | 3.32 | 22.09 |
| 24 PHILLIPS #2 (HVY OIL) | 17 | 351 | 2.8 | 21.9 | 103.2 | 9,521 | HVY OIL | 529 | 6,317,580 | 3,342.0 | 11,685 | 3.33 | 22.09 |
| 25 SEB-PHILLIPS TOTAL | 34 | 1,687 | 6.7 | 59.8 | 102.3 | 9,514 | HVY OIL | 2,539 | 6,321,386 | 16,050.0 | 56,083 | 3.32 | 22.09 |
| 26 DINNER LAKE(GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 27 DINNER LAKE(HVY OIL) | 0 | 0 | - | - | - | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 28 SEB-DINNER LAKE TOTAL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | - | - | 0 | 0.0 | 0 | 0.00 | - |
| 29 SEBRING UNITS (GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30 (HVY OIL) | 34 | 1,687 | - | - | - | 9,514 | HVY OIL | 2,539 | 6,321,386 | 16,050.0 | 56,083 | 3.32 | 22.09 |
| 31 SEBRING UNITS TOTAL | 34 | 1,687 | 6.7 | 59.8 | 102.3 | 9,514 | - | - | 0 | 16,050.0 | 56,083 | 3.32 | - |
| 32 GAN.C.T.#1 | 15 | 182 | 1.6 | 99.3 | 93.3 | 19,786 | LGT OIL | 621 | 5,798,712 | 3,601.0 | 15,230 | 8.37 | 24.52 |
| 33 B.B.C.T.#1 | 15 | 195 | 1.7 | 99.2 | 92.9 | 18,990 | LGT OIL | 638 | 5,804,075 | 3,703.0 | 15,647 | 8.02 | 24.53 |
| 34 B.B.C.T.#2 | 65 | 1,367 | 2.8 | 98.9 | 87.6 | 16,334 | LGT OIL | 3,850 | 5,799,481 | 22,328.0 | 94,419 | 6.91 | 24.52 |
| 35 B.B.C.T.#3 | 65 | 823 | 1.7 | 78.9 | 90.4 | 16,265 | LGT OIL | 2,308 | 5,799,827 | 13,386.0 | 56,602 | 6.88 | 24.52 |
| 36 C.T. TOTAL | 160 | 2,567 | 2.2 | 90.0 | 89.3 | 16,758 | LGT OIL | 7,417 | 5,799,919 | 43,018.0 | 181,898 | 7.09 | 24.52 |
| 37 SYSTEM | 3,251 | 1,616,915 | 66.8 | 88.6 | 91.6 | 10,308 | - | - | - | 16,666,732.0 | 35,265,878 | 2.18 | - |

| LEGEND | | | |
|---|---|---|---|
| | H.P. = HOOKERS POINT | B.B. = BIG BEND | HVY=HEAVY | NAT=NATURAL |
| | GAN. = GANNON | C.T. = COMBUSTION TURBINE | LGT=LIGHT | |

SYSTEM NET GENERATION AND FUEL COST
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD/MONTH OF: AUGUST 1996

| | (A) PLANT/UNIT | (B) NET CAPABILITY (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 | H.P.#1 | 32 | 2,506 | 10.5 | 98.5 | 94.4 | 15,898 | HVY OIL | 6,303 | 6,320,800 | 39,840.0 | 100,241 | 4.00 | 15.90 |
| 2 | H.P.#2 | 32 | 2,028 | 8.5 | 98.8 | 94.6 | 16,212 | HVY OIL | 5,201 | 6,321,477 | 32,878.0 | 82,715 | 4.08 | 15.90 |
| 3 | H.P.#3 | 32 | 1,831 | 7.7 | 98.9 | 93.8 | 16,346 | HVY OIL | 4,735 | 6,321,014 | 29,930.0 | 75,304 | 4.11 | 15.90 |
| 4 | H.P.#4 | 41 | 2,897 | 9.5 | 98.7 | 93.0 | 15,856 | HVY OIL | 7,267 | 6,320,903 | 45,934.0 | 115,573 | 3.99 | 15.90 |
| 5 | H.P.#5 | 67 | 11,206 | 22.5 | 84.7 | 52.4 | 17,558 | HVY OIL | 31,127 | 6,321,[illegible] | 196,756.0 | 495,036 | 4.42 | 15.90 |
| 6 | H.P. STATION | 204 | 20,468 | 13.5 | 94.1 | 65.5 | 16,872 | HVY OIL | 54,633 | 6,321,051 | 345,338.0 | 868,869 | 4.25 | 15.90 |
| 7 | GAN.#1 | 119 | 45,311 | 51.2 | 94.4 | 90.0 | 11,264 | COAL | 20,584 | 24,795,035 | 510,381.0 | 1,138,934 | 2.51 | 55.33 |
| 8 | GAN.#2 | 119 | 11,440 | 12.9 | 30.0 | 92.4 | 11,711 | COAL | 5,403 | 24,795,669 | 133,971.0 | 298,954 | 2.61 | 55.33 |
| 9 | GAN.#3 | 155 | 50,548 | 43.8 | 88.8 | 87.7 | 11,226 | COAL | 22,885 | 24,794,887 | 567,431.0 | 1,266,250 | 2.51 | 55.33 |
| 10 | GAN.#4 | 189 | 77,766 | 55.3 | 90.3 | 90.8 | 10,683 | COAL | 33,507 | 24,794,879 | 830,802.0 | 1,853,977 | 2.38 | 55.33 |
| 11 | GAN. 1 - 4 | 582 | 185,065 | 42.7 | 78.4 | 89.8 | 11,037 | COAL | 82,379 | 24,794,972 | 2,042,585.0 | 4,558,115 | 2.46 | 55.33 |
| 12 | GAN.#5 | 227 | 109,360 | 64.8 | 88.7 | 90.9 | 10,176 | COAL | 44,619 | 24,941,998 | 1,112,887.0 | 2,468,815 | 2.26 | 55.33 |
| 13 | GAN.#6 | 362 | 186,331 | 69.2 | 85.1 | 83.3 | 10,417 | COAL | 78,009 | 24,882,142 | 1,941,031.0 | 4,316,318 | 2.32 | 55.33 |
| 14 | GAN. 5 & 6 | 589 | 295,691 | 67.5 | 86.5 | 86.0 | 10,328 | COAL | 122,628 | 24,903,921 | 3,053,918.0 | 6,785,133 | 2.29 | 55.33 |
| 15 | GANNON STA. | 1,171 | 480,756 | 55.2 | 82.5 | 87.4 | 10,601 | COAL | 205,007 | 24,860,141 | 5,096,503.0 | 11,343,248 | 2.36 | 55.33 |
| 16 | B.B.#1 | 405 | 250,190 | 83.0 | 84.3 | 93.6 | 10,207 | COAL | 107,192 | 23,824,017 | 2,553,744.0 | 5,234,467 | 2.09 | 48.83 |
| 17 | B.B.#2 | 406 | 261,748 | 86.7 | 88.2 | 94.3 | 10,096 | COAL | 109,408 | 24,153,033 | 2,642,535.0 | 5,342,680 | 2.04 | 48.83 |
| 18 | B.B.#3 | 430 | 276,198 | 86.3 | 87.1 | 95.4 | 9,719 | COAL | 105,337 | 25,483,107 | 2,684,314.0 | 5,143,682 | 1.86 | 48.83 |
| 19 | B.B. 1 - 3 | 1,241 | 788,136 | 85.4 | 86.5 | 94.5 | 9,999 | COAL | 321,937 | 24,478,681 | 7,880,593.0 | 15,721,029 | 1.99 | 48.83 |
| 20 | B.B.#4 | 441 | 291,247 | 88.8 | 90.6 | 94.8 | 10,118 | COAL | 133,196 | 22,118,951 | 2,946,200.0 | 6,165,011 | 2.12 | 46.28 |
| 21 | B.B. STA. | 1,682 | 1,079,383 | 86.3 | 87.6 | 94.5 | 10,031 | COAL | 455,135 | 23,788,091 | 10,826,793.0 | 21,886,040 | 2.03 | 48.09 |
| 22 | COAL UNITS | 2,853 | 1,560,139 | 73.5 | 85.5 | 92.2 | 10,206 | COAL | 660,142 | 24,121,016 | 15,923,296.0 | 33,229,288 | 2.13 | 50.34 |
| 23 | PHILLIPS #1 (HVY OIL) | 17 | 2,050 | 16.2 | 96.4 | 102.2 | 9,507 | HVY OIL | 3,083 | 6,321,440 | 19,489.0 | 63,784 | 3.11 | 20.69 |
| 24 | PHILLIPS #2 (HVY OIL) | 17 | 1,677 | 13.3 | 97.2 | 102.8 | 9,510 | HVY OIL | 2,523 | 6,321,443 | 15,949.0 | 52,198 | 3.11 | 20.69 |
| 25 | SEB-PHILLIPS TOTAL | 34 | 3,727 | 14.7 | 96.8 | 102.4 | 9,508 | HVY OIL | 5,606 | 6,321,441 | 35,438.0 | 115,982 | 3.11 | 20.69 |
| 26 | DINNER LAKE(GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 27 | DINNER LAKE(HVY OIL) | 0 | 0 | - | - | - | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 28 | SEB-DINNER LAKE TOTAL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | - | - | 0 | 0.0 | 0 | 0.00 | - |
| 29 | SEBRING UNITS (GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30 | (HVY OIL) | 34 | 3,727 | - | - | - | 9,508 | HVY OIL | 5,606 | 6,321,441 | 35,438.0 | 115,982 | 3.11 | 20.69 |
| 31 | SEBRING UNITS TOTAL | 34 | 3,727 | 14.7 | 96.8 | 102.4 | 9,508 | - | - | 0 | 35,438.0 | 115,982 | 3.11 | - |
| 32 | GAN.C.T.#1 | 15 | 297 | 2.7 | 98.8 | 99.0 | 19,744 | LGT OIL | 1,011 | 5,800,118 | 5,864.0 | 24,903 | 8.38 | 24.63 |
| 33 | B.B.C.T.#1 | 15 | 316 | 2.8 | 98.7 | 95.8 | 18,975 | LGT OIL | 1,034 | 5,798,629 | 5,996.0 | 25,470 | 8.06 | 24.63 |
| 34 | B.B.C.T.#2 | 65 | 2,255 | 4.7 | 98.1 | 86.7 | 16,304 | LGT OIL | 6,339 | 5,799,811 | 36,765.0 | 156,143 | 6.92 | 24.63 |
| 35 | B.B.C.T.#3 | 65 | 1,733 | 3.6 | 98.7 | 86.0 | 16,324 | LGT OIL | 4,877 | 5,800,492 | 28,289.0 | 120,131 | 6.93 | 24.63 |
| 36 | C.T. TOTAL | 160 | 4,601 | 3.9 | 98.5 | 87.7 | 16,717 | LGT OIL | 13,261 | 5,800,015 | 76,914.0 | 326,647 | 7.10 | 24.63 |
| 37 | SYSTEM | 3,251 | 1,588,935 | 65.7 | 86.8 | 91.7 | 10,309 | - | - | - | 16,380,986.0 | 34,540,786 | 2.17 | - |

LEGEND: H.P. = HOOKERS POINT; B.B. = BIG BEND; HVY=HEAVY; NAT=NATURAL; GAN = GANNON; C.T. = COMBUSTION TURBINE; LGT=LIGHT

**SYSTEM NET GENERATION AND FUEL COST**
**TAMPA ELECTRIC COMPANY**
**ESTIMATED FOR THE PERIOD/MONTH OF: SEPTEMBER 1996**

| (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) | (I) | (J) | (K) | (L) | (M) | (N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLANT/UNIT | NET CAPA-BILITY (MW) | NET GENERATION (MWH) | NET CAPACITY FACTOR (%) | EQUIV. AVAIL. FACTOR (%) | NET OUTPUT FACTOR (%) | AVG. NET HEAT RATE (BTU/KWH) | FUEL TYPE | FUEL BURNED (UNITS) | FUEL HEAT VALUE (BTU/UNIT) | FUEL BURNED (MM BTU) | AS BURNED FUEL COST ($) | FUEL COST PER KWH (cents/KWH) | COST OF FUEL ($/UNIT) |
| 1 H.P.#1 | 32 | 2,181 | 9.5 | 98.8 | 94.7 | 15,693 | HVY OIL | 5,415 | 6,320,778 | 34,227.0 | 86,641 | 3.97 | 16.00 |
| 2 H.P.#2 | 32 | 1,570 | 6.8 | 99.0 | 94.4 | 16,122 | HVY OIL | 4,004 | 6,321,678 | 25,312.0 | 64,065 | 4.08 | 16.00 |
| 3 H.P.#3 | 32 | 1,741 | 7.6 | 98.9 | 93.8 | 15,776 | HVY OIL | 4,345 | 6,321,289 | 27,466.0 | 69,521 | 3.99 | 16.00 |
| 4 H.P.#4 | 41 | 2,502 | 8.5 | 98.8 | 93.9 | 15,668 | HVY OIL | 6,202 | 6,320,864 | 39,202.0 | 99,234 | 3.97 | 16.00 |
| 5 H.P.#5 | 67 | 4,589 | 9.5 | 98.3 | 90.1 | 15,244 | HVY OIL | 11,067 | 6,321,225 | 69,957.0 | 177,075 | 3.86 | 16.00 |
| 6 H.P. STATION | 204 | 12,583 | 8.6 | 98.0 | 92.7 | 15,590 | HVY OIL | 31,033 | 6,321,142 | 196,164.0 | 496,536 | 3.95 | 16.00 |
| 7 GAN.#1 | 119 | 46,650 | 54.4 | 93.9 | 90.1 | 11,202 | COAL | 21,076 | 24,795,502 | 522,590.0 | 1,167,282 | 2.50 | 55.38 |
| 8 GAN.#2 | 119 | 39,263 | 45.8 | 91.4 | 87.8 | 11,584 | COAL | 18,344 | 24,794,810 | 454,836.0 | 1,015,971 | 2.59 | 55.38 |
| 9 GAN.#3 | 155 | 22,310 | 20.0 | 34.6 | 92.9 | 11,139 | COAL | 10,023 | 24,794,672 | 248,517.0 | 555,118 | 2.49 | 55.38 |
| 10 GAN.#4 | 189 | 48,648 | 35.7 | 57.4 | 93.6 | 10,628 | COAL | 20,852 | 24,794,504 | 517,015.0 | 1,154,875 | 2.37 | 55.38 |
| 11 GAN. 1 - 4 | 582 | 156,871 | 37.4 | 65.7 | 90.9 | 11,111 | COAL | 70,295 | 24,794,907 | 1,742,958.0 | 3,893,246 | 2.48 | 55.38 |
| 12 GAN.#5 | 227 | 104,196 | 63.8 | 88.6 | 91.1 | 10,059 | COAL | 42,023 | 24,941,960 | 1,048,136.0 | 2,327,419 | 2.23 | 55.38 |
| 13 GAN.#6 | 362 | 175,028 | 67.2 | 85.6 | 81.5 | 10,358 | COAL | 72,861 | 24,881,940 | 1,812,923.0 | 4,035,363 | 2.31 | 55.38 |
| 14 GAN. 5 & 6 | 589 | 279,224 | 65.8 | 86.8 | 84.9 | 10,245 | COAL | 114,884 | 24,903,894 | 2,861,059.0 | 6,362,782 | 2.28 | 55.38 |
| 15 GANNON STA. | 1,171 | 436,095 | 51.7 | 76.3 | 86.9 | 10,557 | COAL | 185,179 | 24,862,522 | 4,604,017.0 | 10,256,028 | 2.35 | 55.38 |
| 16 B.B.#1 | 405 | 240,205 | 82.4 | 84.4 | 92.8 | 10,124 | COAL | 102,071 | 23,824,005 | 2,431,740.0 | 4,966,581 | 2.08 | 48.87 |
| 17 B.B.#2 | 406 | 248,630 | 85.1 | 88.1 | 92.5 | 10,093 | COAL | 103,868 | 24,153,008 | 2,509,449.0 | 5,077,853 | 2.04 | 48.87 |
| 18 B.B.#3 | 430 | 267,436 | 86.4 | 87.2 | 94.8 | 9,542 | COAL | 100,142 | 25,481,234 | 2,551,942.0 | 4,894,264 | 1.83 | 48.87 |
| 19 B.B. 1 - 3 | 1,241 | 756,271 | 84.6 | 86.6 | 93.4 | 9,908 | COAL | 306,111 | 24,478,477 | 7,493,131.0 | 14,960,698 | 1.98 | 48.87 |
| 20 B.B.#4 | 441 | 278,786 | 87.8 | 90.7 | 93.7 | 10,045 | COAL | 126,610 | 22,118,995 | 2,800,486.0 | 5,833,603 | 2.09 | 46.08 |
| 21 B.B. STA. | 1,682 | 1,035,057 | 85.5 | 87.7 | 93.5 | 9,946 | COAL | 432,721 | 23,788,115 | 10,293,617.0 | 20,794,301 | 2.01 | 48.05 |
| 22 COAL UNITS | 2,853 | 1,471,152 | 71.6 | 83.0 | 91.4 | 10,127 | COAL | 617,900 | 24,110,105 | 14,897,634.0 | 31,050,329 | 2.11 | 50.25 |
| 23 PHILLIPS #1 (HVY OIL) | 17 | 1,889 | 15.4 | 96.7 | 101.9 | 9,508 | HVY OIL | 2,841 | 6,321,718 | 17,960.0 | 59,090 | 3.13 | 20.80 |
| 24 PHILLIPS #2 (HVY OIL) | 17 | 1,848 | 15.1 | 96.7 | 101.6 | 9,511 | HVY OIL | 2,781 | 6,320,029 | 17,576.0 | 57,843 | 3.13 | 20.80 |
| 25 SEB-PHILLIPS TOTAL | 34 | 3,737 | 15.3 | 96.7 | 101.8 | 9,509 | HVY OIL | 5,622 | 6,320,882 | 35,536.0 | 116,933 | 3.13 | 20.80 |
| 26 DINNER LAKE(GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 27 DINNER LAKE(HVY OIL) | 0 | 0 | - | - | - | 0 | HVY OIL | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 28 SEB-DINNER LAKE TOTAL | 0 | 0 | 0.0 | 0.0 | 0.0 | 0 | - | - | 0 | 0.0 | 0 | 0.00 | - |
| 29 SEBRING UNITS (GAS) | 0 | 0 | - | - | - | 0 | NAT GAS | 0 | 0 | 0.0 | 0 | 0.00 | 0.00 |
| 30 (HVY OIL) | 34 | 3,737 | - | - | - | 9,509 | HVY OIL | 5,622 | 6,320,882 | 35,536.0 | 116,933 | 3.13 | 20.80 |
| 31 SEBRING UNITS TOTAL | 34 | 3,737 | 15.3 | 96.7 | 101.8 | 9,509 | - | - | 0 | 35,536.0 | 116,933 | 3.13 | - |
| 32 GAN.C.T.#1 | 15 | 196 | 1.8 | 99.2 | 93.3 | 19,786 | LGT OIL | 669 | 5,796,712 | 3,878.0 | 16,527 | 8.43 | 24.70 |
| 33 B.B.C.T.#1 | 15 | 210 | 1.9 | 99.0 | 93.3 | 18,957 | LGT OIL | 686 | 5,803,207 | 3,981.0 | 16,947 | 8.07 | 24.70 |
| 34 B.B.C.T.#2 | 65 | 1,555 | 3.3 | 98.6 | 88.6 | 16,331 | LGT OIL | 4,378 | 5,800,365 | 25,394.0 | 108,156 | 6.96 | 24.70 |
| 35 B.B.C.T.#3 | 65 | 1,174 | 2.5 | 98.9 | 86.0 | 16,343 | LGT OIL | 3,308 | 5,800,181 | 19,187.0 | 81,722 | 6.96 | 24.70 |
| 36 C.T. TOTAL | 160 | 3,135 | 2.7 | 98.8 | 88.2 | 16,727 | LGT OIL | 9,041 | 5,800,243 | 52,440.0 | 223,352 | 7.12 | 24.70 |
| 37 SYSTEM | 3,251 | 1,490,607 | 63.7 | 84.9 | 91.5 | 10,185 | - | - | - | 15,181,774.0 | 31,887,150 | 2.14 | - |

| LEGEND | | | | |
|---|---|---|---|---|
| | H.P. = HOOKERS POINT | B.B. = BIG BEND | HVY=HEAVY | NAT=NATURAL |
| | GAN. = GANNON | C.T. = COMBUSTION TURBINE | LGT=LIGHT | |

SCHEDULE E6



# SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS
## TAMPA ELECTRIC COMPANY
### ESTIMATED FOR THE PERIOD OF: APRIL 1998 THRU SEPTEMBER 1998

| | Apr-98 | May-98 | Jun-98 | Jul-98 | Aug-98 | Sep-98 | TOTAL |
|---|---|---|---|---|---|---|---|
| **HEAVY OIL** | | | | | | | |
| 1 PURCHASES: | | | | | | | |
| 2 UNITS (BBL) | 2,307 | 17,178 | 36,114 | 45,190 | 60,239 | 36,655 | 197,681 |
| 3 UNIT COST ($/BBL) | 18.91 | 16.51 | 16.36 | 16.43 | 16.54 | 16.72 | 16.54 |
| 4 AMOUNT ($) | 43,625 | 283,609 | 591,004 | 742,300 | 996,332 | 612,795 | 3,269,695 |
| 5 BURNED: | | | | | | | |
| 6 UNITS (BBL) | 2,718 | 17,104 | 36,114 | 45,190 | 60,239 | 36,655 | 198,020 |
| 7 UNIT COST ($/BBL) | 18.61 | 16.22 | 15.93 | 16.06 | 16.35 | 16.74 | 16.30 |
| 8 AMOUNT ($) | 50,569 | 277,445 | 575,457 | 725,682 | 984,851 | 613,469 | 3,227,473 |
| 9 ENDING INVENTORY: | | | | | | | |
| 10 UNITS (BBL) | 118,274 | 118,274 | 118,274 | 118,274 | 118,274 | 118,274 | 118,274 |
| 11 UNIT COST ($/BBL) | 15.63 | 15.77 | 15.99 | 16.22 | 16.43 | 16.52 | 16.52 |
| 12 AMOUNT ($) | 1,848,811 | 1,864,631 | 1,890,873 | 1,918,291 | 1,942,787 | 1,954,241 | 1,954,241 |
| 13 DAYS SUPPLY: | 111 | 77 | 75 | 102 | 232 | 1,116 | - |
| **LIGHT OIL** | | | | | | | |
| 14 PURCHASES: | | | | | | | |
| 15 UNITS (BBL) | 15,362 | 12,125 | 10,721 | 15,564 | 21,449 | 16,689 | 91,910 |
| 16 UNIT COST ($/BBL) | 24.82 | 24.87 | 24.92 | 24.92 | 24.93 | 24.99 | 24.91 |
| 17 AMOUNT ($) | 381,298 | 301,562 | 267,130 | 387,917 | 534,747 | 417,033 | 2,289,707 |
| 18 BURNED: | | | | | | | |
| 19 UNITS (BBL) | 8,546 | 5,515 | 3,759 | 7,417 | 13,261 | 9,041 | 47,539 |
| 20 UNIT COST ($/BBL) | 24.23 | 24.34 | 24.42 | 24.52 | 24.63 | 24.70 | 24.51 |
| 21 AMOUNT ($) | 207,047 | 134,218 | 91,798 | 181,898 | 326,647 | 223,352 | 1,164,960 |
| 22 ENDING INVENTORY: | | | | | | | |
| 23 UNITS (BBL) | 46,888 | 46,888 | 46,888 | 46,888 | 46,888 | 46,888 | 46,888 |
| 24 UNIT COST ($/BBL) | 24.26 | 24.37 | 24.45 | 24.55 | 24.66 | 24.73 | 24.73 |
| 25 AMOUNT ($) | 1,137,292 | 1,142,472 | 1,146,447 | 1,151,308 | 1,156,362 | 1,159,747 | 1,159,747 |
| 26 DAYS SUPPLY: NORMAL | 116 | 93 | 80 | 74 | 90 | 110 | - |
| 27 DAYS SUPPLY: EMERGENCY | 7 | 7 | 7 | 7 | 7 | 7 | - |
| **COAL** | | | | | | | |
| 28 PURCHASES: | | | | | | | |
| 29 UNITS (TONS) | 569,500 | 602,000 | 633,000 | 654,000 | 658,000 | 650,000 | 3,766,500 |
| 30 UNIT COST ($/TON) | 51.03 | 50.62 | 50.09 | 49.72 | 49.33 | 49.69 | 50.05 |
| 31 AMOUNT ($) | 29,061,131 | 30,474,216 | 31,704,311 | 32,516,179 | 32,456,021 | 32,297,712 | 188,509,570 |
| 32 BURNED: | | | | | | | |
| 33 UNITS (TONS) | 534,774 | 613,234 | 655,566 | 676,856 | 660,142 | 617,900 | 3,758,472 |
| 34 UNIT COST ($/TON) | 51.33 | 51.30 | 51.09 | 50.76 | 50.34 | 50.25 | 50.83 |
| 35 AMOUNT ($) | 27,451,330 | 31,457,444 | 33,495,582 | 34,358,298 | 33,229,268 | 31,050,329 | 191,042,271 |
| 36 ENDING INVENTORY: | | | | | | | |
| 37 UNITS (TONS) | 901,256 | 890,022 | 867,456 | 844,600 | 842,458 | 874,558 | 874,558 |
| 38 UNIT COST ($/TON) | 50.88 | 50.81 | 50.49 | 50.10 | 49.74 | 49.78 | 49.78 |
| 39 AMOUNT ($) | 45,856,960 | 45,219,624 | 43,799,524 | 42,314,635 | 41,900,114 | 43,535,606 | 43,535,606 |
| 40 DAYS SUPPLY: | 43 | 41 | 40 | 41 | 44 | 50 | - |
| **NATURAL GAS** | | | | | | | |
| 41 PURCHASES: | | | | | | | |
| 42 UNITS (MCF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 43 UNIT COST ($/MCF) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 44 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 45 BURNED: | | | | | | | |
| 46 UNITS (MCF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 UNIT COST ($/MCF) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 ENDING INVENTORY: | | | | | | | |
| 50 UNITS (MCF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 UNIT COST ($/MCF) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 | - |
| **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.

**POWER SOLD**
**TAMPA ELECTRIC COMPANY**
**ESTIMATED FOR THE PERIOD OF: APRIL 1995 THRU SEPTEMBER 1995**



| (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 (6)X(7A) | (9) TOTAL COST $ (6)X(7B) | (10) 80% GAIN ON ECONOMY ENERGY SALES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Apr-95 | VARIOUS | | ECON | 126,827.0 | 0.0 | 126,827.0 | 1.717 | 1.980 | 2,174,800.00 | 2,507,700.00 | 266,480.00 |
| | | | ALLOWANCES | | | | | | 3,300.00 | 3,300.00 | |
| | VARIOUS | JURISD. | SCH.-D | 4,042.0 | 0.0 | 4,042.0 | 1.608 | 1.608 | 64,900.00 | 64,900.00 | |
| | | | ALLOWANCES | | | | | | 300.00 | 300.00 | |
| | VARIOUS | SEPARATED | SCH.-D | 29,130.0 | 0.0 | 29,130.0 | 1.369 | 1.642 | 398,500.00 | 478,200.00 | |
| | | | ALLOWANCES | | | | | | 5,600.00 | 5,100.00 | |
| | HPP | SEPARATED | SCH.-D | 25,515.0 | 0.0 | 25,515.0 | 2.114 | 3.031 | 539,500.00 | 773,300.00 | |
| | | | ALLOWANCES | | | | | | 500.00 | 500.00 | |
| | VARIOUS | JURISD. | SCH.-J | 7,132.0 | 0.0 | 7,132.0 | 1.723 | 1.723 | 122,900.00 | 122,900.00 | |
| | | | ALLOWANCES | | | | | | 100.00 | 100.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (182,800.00) | | |
| | PLUS 80% OF ECON. PROFITS | | | | | | | | 266,480.00 | | |
| TOTAL | | | - | 192,446.0 | 0.0 | 192,446.0 | 1.768 | 2.056 | 3,333,580.00 | 3,956,300.00 | |
| May-95 | VARIOUS | | ECON | 186,471.0 | 0.0 | 186,471.0 | 1.726 | 2.045 | 3,218,000.00 | 3,813,300.00 | 478,240.00 |
| | | | ALLOWANCES | | | | | | 4,800.00 | 4,800.00 | |
| | VARIOUS | JURISD. | SCH.-D | 4,177.0 | 0.0 | 4,177.0 | 1.597 | 1.597 | 66,700.00 | 66,700.00 | |
| | | | ALLOWANCES | | | | | | 400.00 | 400.00 | |
| | VARIOUS | SEPARATED | SCH.-D | 30,462.0 | 0.0 | 30,462.0 | 1.370 | 1.844 | 417,300.00 | 560,600.00 | |
| | | | ALLOWANCES | | | | | | 5,200.00 | 5,200.00 | |
| | HPP | SEPARATED | SCH.-D | 1,161.0 | 0.0 | 1,161.0 | 2.146 | 3.058 | 24,900.00 | 35,500.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | JURISD. | SCH.-J | 5,946.0 | 0.0 | 5,946.0 | 1.747 | 1.747 | 103,900.00 | 103,900.00 | |
| | | | ALLOWANCES | | | | | | 100.00 | 100.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (263,400.00) | | |
| | PLUS 80% OF ECON. PROFITS | | | | | | | | 478,240.00 | | |
| TOTAL | | | - | 228,219.0 | 0.0 | 228,219.0 | 1.768 | 1.988 | 4,034,140.00 | 4,530,700.00 | |
| Jun-95 | VARIOUS | | ECON | 184,588.0 | 0.0 | 184,588.0 | 1.734 | 2.072 | 2,684,800.00 | 3,203,300.00 | 430,800.00 |
| | | | ALLOWANCES | | | | | | 2,900.00 | 2,900.00 | |
| | VARIOUS | JURISD. | SCH.-D | 4,042.0 | 0.0 | 4,042.0 | 1.603 | 1.603 | 64,800.00 | 64,800.00 | |
| | | | ALLOWANCES | | | | | | 300.00 | 300.00 | |
| | VARIOUS | SEPARATED | SCH.-D | 31,022.0 | 0.0 | 31,022.0 | 1.362 | 1.622 | 419,300.00 | 503,100.00 | |
| | | | ALLOWANCES | | | | | | 3,900.00 | 3,900.00 | |
| | HPP | SEPARATED | SCH.-D | 8,072.0 | 0.0 | 8,072.0 | 2.160 | 3.076 | 196,000.00 | 279,100.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | VARIOUS | JURISD. | SCH.-J | 5,518.0 | 0.0 | 5,518.0 | 1.745 | 1.745 | 96,300.00 | 96,700.00 | |
| | | | ALLOWANCES | | | | | | 100.00 | 100.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (236,000.00) | | |
| | PLUS 80% OF ECON. PROFITS | | | | | | | | 430,800.00 | | |
| TOTAL | | | - | 204,242.0 | 0.0 | 204,242.0 | 1.784 | 2.034 | 3,644,400.00 | 4,154,000.00 | |
| Jul-95 | VARIOUS | | ECON | 147,014.0 | 0.0 | 147,014.0 | 1.812 | 2.158 | 2,663,700.00 | 3,172,800.00 | 407,120.00 |
| | | | ALLOWANCES | | | | | | 2,800.00 | 2,800.00 | |
| | VARIOUS | JURISD. | SCH.-D | 4,177.0 | 0.0 | 4,177.0 | 1.611 | 1.611 | 67,300.00 | 67,300.00 | |
| | | | ALLOWANCES | | | | | | 300.00 | 300.00 | |
| | VARIOUS | SEPARATED | SCH.-D | 31,293.0 | 0.0 | 31,293.0 | 1.369 | 1.643 | 428,400.00 | 514,100.00 | |
| | | | ALLOWANCES | | | | | | 3,800.00 | 3,800.00 | |
| | HPP | SEPARATED | SCH.-D | 12,024.0 | 0.0 | 12,024.0 | 2.164 | 3.081 | 260,200.00 | 370,400.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | VARIOUS | JURISD. | SCH.-J | 5,522.0 | 0.0 | 5,522.0 | 1.756 | 1.756 | 96,900.00 | 96,900.00 | |
| | | | ALLOWANCES | | | | | | 100.00 | 100.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (223,500.00) | | |
| | PLUS 80% OF ECON. PROFITS | | | | | | | | 407,120.00 | | |
| TOTAL | | | - | 200,030.0 | 0.0 | 200,030.0 | 1.853 | 2.114 | 3,707,420.00 | 4,228,800.00 | |
| Aug-95 | VARIOUS | | ECON | 88,405.0 | 0.0 | 88,405.0 | 1.894 | 2.245 | 1,674,000.00 | 1,984,800.00 | 248,480.00 |
| | | | ALLOWANCES | | | | | | 1,700.00 | 1,700.00 | |
| | VARIOUS | JURISD. | SCH.-D | 4,177.0 | 0.0 | 4,177.0 | 1.638 | 1.638 | 68,400.00 | 68,400.00 | |
| | | | ALLOWANCES | | | | | | 300.00 | 300.00 | |
| | VARIOUS | SEPARATED | SCH.-D | 32,077.0 | 0.0 | 32,077.0 | 1.369 | 1.643 | 439,100.00 | 527,000.00 | |
| | | | ALLOWANCES | | | | | | 4,000.00 | 4,000.00 | |
| | HPP | SEPARATED | SCH.-D | 15,860.0 | 0.0 | 15,860.0 | 2.157 | 3.074 | 344,700.00 | 481,200.00 | |
| | | | ALLOWANCES | | | | | | 300.00 | 300.00 | |
| | VARIOUS | JURISD. | SCH.-J | 4,558.0 | 0.0 | 4,558.0 | 1.727 | 1.737 | 79,200.00 | 79,200.00 | |
| | | | ALLOWANCES | | | | | | 100.00 | 100.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (134,400.00) | | |
| | PLUS 80% OF ECON. PROFITS | | | | | | | | 248,480.00 | | |
| TOTAL | | | - | 145,198.0 | 0.0 | 145,198.0 | 1.877 | 2.174 | 2,725,880.00 | 3,156,800.00 | |
| Sep-95 | VARIOUS | | ECON | 84,662.0 | 0.0 | 84,662.0 | 1.984 | 2.313 | 1,650,800.00 | 2,168,500.00 | 263,820.00 |
| | | | ALLOWANCES | | | | | | 1,800.00 | 1,800.00 | |
| | VARIOUS | JURISD. | SCH.-D | 4,042.0 | 0.0 | 4,042.0 | 1.613 | 1.613 | 65,200.00 | 65,200.00 | |
| | | | ALLOWANCES | | | | | | 300.00 | 300.00 | |
| | VARIOUS | SEPARATED | SCH.-D | 31,706.0 | 0.0 | 31,706.0 | 1.367 | 1.628 | 430,300.00 | 516,200.00 | |
| | | | ALLOWANCES | | | | | | 3,800.00 | 3,800.00 | |
| | HPP | SEPARATED | SCH.-D | 8,561.0 | 0.0 | 8,561.0 | 2.133 | 3.049 | 182,400.00 | 260,700.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | VARIOUS | JURISD. | SCH.-J | 4,680.0 | 0.0 | 4,680.0 | 1.750 | 1.750 | 81,900.00 | 81,900.00 | |
| | | | ALLOWANCES | | | | | | 100.00 | 100.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (143,800.00) | | |
| | PLUS 80% OF ECON. PROFITS | | | | | | | | 263,820.00 | | |
| TOTAL | | | - | 143,641.0 | 0.0 | 143,641.0 | 1.811 | 2.172 | 2,745,620.00 | 3,119,800.00 | |
| Apr-95 THRU Sep-95 | VARIOUS | | ECON | 797,767.0 | 0.0 | 797,767.0 | 1.787 | 2.115 | 14,254,700.00 | 16,871,000.00 | 2,093,040.00 |
| | | | ALLOWANCES | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 17,300.00 | 17,300.00 | |
| | VARIOUS | JURISD. | SCH.-D | 24,657.0 | 0.0 | 24,657.0 | 1.611 | 1.611 | 397,300.00 | 397,300.00 | |
| | | | ALLOWANCES | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 1,800.00 | 1,800.00 | |
| | VARIOUS | SEPARATED | SCH.-D | 185,690.0 | 0.0 | 185,690.0 | 1.364 | 1.637 | 2,532,800.00 | 3,039,400.00 | |
| | | | ALLOWANCES | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 25,800.00 | 25,800.00 | |
| | HPP | SEPARATED | SCH.-D | 72,303.0 | 0.0 | 72,303.0 | 2.141 | 3.057 | 1,547,700.00 | 2,210,200.00 | |
| | | | ALLOWANCES | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 1,400.00 | 1,400.00 | |
| | VARIOUS | JURISD. | SCH.-J | 33,359.0 | 0.0 | 33,359.0 | 1.742 | 1.742 | 581,100.00 | 581,100.00 | |
| | | | ALLOWANCES | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 600.00 | 600.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (1,212,700.00) | | |
| | PLUS 80% OF ECON. PROFITS | | | | | | | | 2,093,040.00 | | |
| TOTAL | | | - | 1,113,776.0 | 0.0 | 1,113,776.0 | 1.817 | 2.078 | 20,241,040.00 | 23,146,100.00 | |

PURCHASED POWER
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: APRIL 1995 THRU SEPTEMBER 1995

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 (7)X(8A) |
|---|---|---|---|---|---|---|---|---|---|
| Apr-95 | VARIOUS | EMER. | 1,878.0 | 0.0 | 1,390.0 | 488.0 | 6.967 | 6.967 | 34,000.00 |
| | HPP | IPP | 5,905.0 | 0.0 | 0.0 | 5,905.0 | 4.899 | 4.899 | 289,300.00 |
| | ST. CLOUD | PEAKING | 240.0 | 0.0 | 0.0 | 240.0 | 8.083 | 8.083 | 19,400.00 |
| TOTAL | | - | 8,023.0 | 0.0 | 1,390.0 | 6,633.0 | 5.167 | 5.167 | 342,700.00 |
| May-95 | VARIOUS | EMER. | 1,083.0 | 0.0 | 827.0 | 256.0 | 6.953 | 6.953 | 17,800.00 |
| | HPP | IPP | 19,988.0 | 0.0 | 0.0 | 19,988.0 | 3.567 | 3.567 | 713,000.00 |
| | ST. CLOUD | PEAKING | 176.0 | 0.0 | 0.0 | 176.0 | 8.011 | 8.011 | 14,100.00 |
| TOTAL | | - | 21,247.0 | 0.0 | 827.0 | 20,420.0 | 3.648 | 3.648 | 744,900.00 |
| Jun-95 | VARIOUS | EMER. | 1,515.0 | 0.0 | 1,158.0 | 357.0 | 6.975 | 6.975 | 24,900.00 |
| | HPP | IPP | 21,473.0 | 0.0 | 0.0 | 21,473.0 | 3.564 | 3.564 | 765,400.00 |
| | ST. CLOUD | PEAKING | 186.0 | 0.0 | 0.0 | 186.0 | 8.065 | 8.065 | 15,000.00 |
| TOTAL | | - | 23,174.0 | 0.0 | 1,158.0 | 22,016.0 | 3.658 | 3.658 | 805,300.00 |
| Jul-95 | VARIOUS | EMER. | 1,857.0 | 0.0 | 1,333.0 | 524.0 | 6.966 | 6.966 | 36,500.00 |
| | HPP | IPP | 25,906.0 | 0.0 | 0.0 | 25,906.0 | 3.507 | 3.507 | 908,400.00 |
| | ST. CLOUD | PEAKING | 297.0 | 0.0 | 0.0 | 297.0 | 8.081 | 8.081 | 24,000.00 |
| TOTAL | | - | 28,060.0 | 0.0 | 1,333.0 | 26,727.0 | 3.625 | 3.625 | 968,900.00 |
| Aug-95 | VARIOUS | EMER. | 3,342.0 | 0.0 | 2,347.0 | 995.0 | 6.965 | 6.965 | 69,300.00 |
| | HPP | IPP | 36,782.0 | 0.0 | 0.0 | 36,782.0 | 3.437 | 3.437 | 1,264,300.00 |
| | ST. CLOUD | PEAKING | 515.0 | 0.0 | 0.0 | 515.0 | 8.058 | 8.058 | 41,500.00 |
| TOTAL | | - | 40,639.0 | 0.0 | 2,347.0 | 38,292.0 | 3.591 | 3.591 | 1,375,100.00 |
| Sep-95 | VARIOUS | EMER. | 1,965.0 | 0.0 | 1,398.0 | 567.0 | 6.966 | 6.966 | 39,500.00 |
| | HPP | IPP | 35,064.0 | 0.0 | 0.0 | 35,064.0 | 3.448 | 3.448 | 1,209,000.00 |
| | ST. CLOUD | PEAKING | 434.0 | 0.0 | 0.0 | 434.0 | 8.088 | 8.088 | 35,100.00 |
| TOTAL | | - | 37,463.0 | 0.0 | 1,398.0 | 36,065.0 | 3.559 | 3.559 | 1,283,600.00 |
| Apr-95 | VARIOUS | EMER. | 11,640.0 | 0.0 | 8,453.0 | 3,187.0 | 6.966 | 6.966 | 222,000.00 |
| THRU | HPP | IPP | 145,118.0 | 0.0 | 0.0 | 145,118.0 | 3.548 | 3.548 | 5,149,400.00 |
| Sep-95 | ST. CLOUD | PEAKING | 1,848.0 | | | 1,848.0 | 8.068 | 8.068 | 149,100.00 |
| TOTAL | | - | 158,606.0 | 0.0 | 8,453.0 | 150,153.0 | 3.677 | 3.677 | 5,520,500.00 |

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: APRIL 1995 THRU SEPTEMBER 1995

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL MWH PURCHASED | MWH FOR OTHER UTILITIES | MWH FOR INTERRUP-TIBLE | MWH FOR FIRM | cents/KWH | | TOTAL $ FOR FUEL ADJUSTMENT (7)X(8A) |
| | | | | | | | (A) FUEL COST | (B) TOTAL COST | |
| Apr-95 | VARIOUS | CO-GEN. | 38,485.0 | 0.0 | 0.0 | 38,485.0 | 1.797 | 1.797 | 691,600.00 |
| May-95 | VARIOUS | CO-GEN. | 39,766.0 | 0.0 | 0.0 | 39,766.0 | 1.860 | 1.860 | 739,500.00 |
| Jun-95 | VARIOUS | CO-GEN. | 38,485.0 | 0.0 | 0.0 | 38,485.0 | 1.830 | 1.830 | 704,300.00 |
| Jul-95 | VARIOUS | CO-GEN. | 39,767.0 | 0.0 | 0.0 | 39,767.0 | 1.959 | 1.959 | 779,000.00 |
| Aug-95 | VARIOUS | CO-GEN. | 39,755.0 | 0.0 | 0.0 | 39,755.0 | 2.154 | 2.154 | 856,300.00 |
| Sep-95 | VARIOUS | CO-GEN. | 38,485.0 | 0.0 | 0.0 | 38,485.0 | 2.097 | 2.097 | 807,100.00 |
| TOTAL | | | 234,743.0 | 0.0 | 0.0 | 234,743.0 | 1.950 | 1.950 | 4,577,800.00 |

SCHEDULE E9

ECONOMY ENERGY PURCHASES
TAMPA ELECTRIC COMPANY
ESTIMATED FOR THE PERIOD OF: APRIL 1995 THRU SEPTEMBER 1995

| (1) MONTH | (2) PURCHASED FROM | (3) TYPE & SCHEDULE | (4) TOTAL MWH PURCHASED | (5) TRANSACT. COST cents/KWH | (6) TOTAL $ FOR FUEL ADJUSTMENT (4)X(5) | (7) COST IF GENERATED (A) cents/KWH | (7) COST IF GENERATED (B) ($000'S) | (8) FUEL SAVINGS (7B)-(6) |
|---|---|---|---|---|---|---|---|---|
| Apr-95 | VARIOUS | ECON. | 1,213.0 | 3.347 | 40,600.00 | 3.842 | 46,600.00 | 6,000.00 |
| May-95 | VARIOUS | ECON. | 3,345.0 | 3.378 | 113,000.00 | 3.958 | 132,400.00 | 19,400.00 |
| Jun-95 | VARIOUS | ECON. | 2,589.0 | 3.272 | 84,700.00 | 3.604 | 93,300.00 | 8,600.00 |
| Jul-95 | VARIOUS | ECON. | 2,482.0 | 3.602 | 89,400.00 | 3.743 | 92,900.00 | 3,500.00 |
| Aug-95 | VARIOUS | ECON. | 3,486.0 | 3.451 | 120,300.00 | 3.491 | 121,700.00 | 1,400.00 |
| Sep-95 | VARIOUS | ECON. | 5,300.0 | 3.330 | 176,500.00 | 3.519 | 186,500.00 | 10,000.00 |
| TOTAL | | - | 18,415.0 | 3.391 | 624,500.00 | 3.657 | 673,400.00 | 48,900.00 |

SCHEDULE E10

**RESIDENTIAL BILL COMPARISON**
**FOR MONTHLY USAGE OF 1000 KWH**
**TAMPA ELECTRIC COMPANY**
**ESTIMATED FOR THE PERIOD* OF: APRIL 1995 THRU SEPTEMBER 1995**

| | | Apr-95 | May-95 | Jun-95 | Jul-95 | Aug-95 | Sep-95 | TOTAL |
|---|---|---|---|---|---|---|---|---|
| BASE RATE REVENUES | ($) | 51.92 | 51.92 | 51.92 | 51.92 | 51.92 | 51.92 | 51.92 |
| FUEL RECOVERY REVENUES | ($) | 24.01 | 24.01 | 24.01 | 24.01 | 24.01 | 24.01 | 24.01 |
| OIL BACKOUT REVENUES | ($) | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 |
| CONSERVATION REVENUES | ($) | 1.54 | 1.54 | 1.54 | 1.54 | 1.54 | 1.54 | 1.54 |
| CAPACITY REVENUES | ($) | 1.87 | 1.87 | 1.87 | 1.87 | 1.87 | 1.87 | 1.87 |
| FL. GROSS REC. TAX REVENUES | ($) | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 | 2.06 |
| TOTAL REVENUES | ($) | 82.21 | 82.21 | 82.21 | 82.21 | 82.21 | 82.21 | 82.21 |

* MONTHLY AND CUMULATIVE SIX MONTH ESTIMATED DATA

FUEL AND PURCHASED POWER COST RECOVERY CLAUSE CALCULATION
TAMPA ELECTRIC COMPANY
FOR THE PERIOD: OCTOBER 1994 THRU MARCH 1995

SCHEDULE E2

| LINE NUMBER | | (a) ACTUAL OCT-94 | (b) ACTUAL Nov-94 | (c) ESTIMATED Dec-94 | (d) ESTIMATED Jan-95 | (e) ESTIMATED Feb-95 | (f) ESTIMATED Mar-95 | TOTAL PERIOD | LINE NUMBER |
|---|---|---|---|---|---|---|---|---|---|
| 1 | FUEL COST OF SYSTEM NET GENERATION | 30,673,711 | 28,557,978 | 28,460,947 | 27,610,108 | 25,807,210 | 26,136,330 | 167,246,284 | 1 |
| 1a | NUCLEAR FUEL DISPOSAL | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1a |
| 2 | FUEL COST OF POWER SOLD * | 3,555,152 | 3,916,429 | 3,497,695 | 2,927,320 | 2,937,120 | 2,426,720 | 19,260,436 | 2 |
| 3 | FUEL COST OF PURCHASED POWER | 227,085 | 102,895 | 84,549 | 203,100 | 324,000 | 343,800 | 1,285,429 | 3 |
| 3a | DEMAND & NON FUEL COST OF PUR POWER | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3a |
| 3b | QUALIFYING FACILITIES | 502,765 | 484,921 | 559,113 | 599,800 | 576,700 | 657,300 | 3,380,599 | 3b |
| 4 | ENERGY COST OF ECONOMY PURCHASES | 117,914 | 81,539 | 14,415 | 10,800 | 44,200 | 56,900 | 325,768 | 4 |
| 4a | ADJUSTMENTS TO FUEL COSTS | (3,528) | (2,963) | (3,065) | 0 | 0 | 0 | (9,556) | 4a |
| 5 | TOTAL FUEL & NET POWER TRANSACTION (SUM OF LINES 1 THRU 4a) | 27,962,795 | 25,307,941 | 25,618,264 | 25,496,488 | 23,814,890 | 24,767,610 | 152,968,088 | 5 |
| 6 | JURISDICTIONAL KWH SOLD (MWH) | 1,169,483 | 1,077,289 | 1,065,740 | 1,140,468 | 1,084,129 | 1,048,466 | 6,585,575 | 6 |
| 6a | JURISDICTIONAL % OF TOTAL SALES | 1.0000000 | 0.9977272 | 0.9977914 | 0.9991843 | 0.9976690 | 0.9980771 | - | 6a |
| 6b | JURISDIC. TOT. FUEL & NET PWR. TRANS. (LINE 5 X LINE 6a) | 27,962,795 | 25,250,421 | 25,561,684 | 25,475,691 | 23,759,477 | 24,719,984 | 152,730,052 | 6b |
| 7 | JURISDICTIONAL LOSS MULTIPLIER | 1.0000 | 1.0005 | 1.0005 | 1.0005 | 1.0005 | 1.0005 | - | 7 |
| 7a | LINE 6b x LINE 7 | 27,962,795 | 25,263,046 | 25,574,465 | 25,488,429 | 23,771,357 | 24,732,344 | 152,792,436 | 7a |
| 8 | COST PER KWH SOLD (cents/KWH) | 2.3910 | 2.3451 | 2.3997 | 2.2349 | 2.1927 | 2.3589 | 2.3201 | 8 |
| 9 | TRUE UP ** (cents/KWH) | (0.0747) | (0.0747) | (0.0747) | (0.0747) | (0.0747) | (0.0747) | (0.0747) | 9 |
| 10 | TOTAL (LINES 8+9)(cents/KWH) | 2.3163 | 2.2704 | 2.3250 | 2.1602 | 2.1180 | 2.2842 | 2.2454 | 10 |
| 11 | REVENUE TAX FACTOR | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 1.00083 | 11 |
| 12 | RECOVERY FAC. ADJ. FOR TAXES (c/KWH) (EXCL. GPIF) | 2.3182 | 2.2723 | 2.3269 | 2.1620 | 2.1198 | 2.2861 | 2.2473 | 12 |
| 13 | GPIF ** (cents/KWH) (ALREADY ADJUSTED FOR TAXES) | 0.0063 | 0.0063 | 0.0063 | 0.0063 | 0.0063 | 0.0063 | 0.0063 | 13 |
| 14 | TOTAL RECOVERY FACTOR (LINES 12+13) | 2.3245 | 2.2786 | 2.3332 | 2.1683 | 2.1261 | 2.2924 | 2.2536 | 14 |
| 15 | RECOVERY FACTOR ROUNDED TO NEAREST .001 cents/KWH | 2.325 | 2.279 | 2.333 | 2.168 | 2.126 | 2.292 | 2.254 | 15 |

* INCLUDES ECONOMY SALES PROFITS (80%)
** BASED ON JURISDICTIONAL SALES ONLY

SCHEDULE E3

**GENERATING SYSTEM COMPARATIVE DATA BY FUEL TYPE**
**TAMPA ELECTRIC COMPANY**
**ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1994 THRU MARCH 1995**



| | | ACTUAL | | ESTIMATED | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | TOTAL |
| | **FUEL COST OF SYSTEM NET GENERATION ($)** | | | | | | | |
| 1 | HEAVY OIL | 73,259 | 28,384 | (10,039) | 46,291 | 35,338 | 24,240 | 197,473 |
| 2 | LIGHT OIL | 22,528 | 4,187 | 0 | 28,912 | 63,412 | 86,094 | 205,133 |
| 3 | COAL | 30,577,924 | 28,525,407 | 28,470,986 | 27,534,905 | 25,708,460 | 26,025,996 | 166,843,678 |
| 4 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 6 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7 | TOTAL ($) | 30,673,711 | 28,557,978 | 28,460,947 | 27,610,108 | 25,807,210 | 26,136,330 | 167,246,284 |
| | **SYSTEM NET GENERATION (MWH)** | | | | | | | |
| 8 | HEAVY OIL | 622 | (520) | (1,124) | 1,135 | 675 | 810 | 1,598 |
| 9 | LIGHT OIL | 326 | 35 | 0 | 438 | 949 | 1,277 | 3,025 |
| 10 | COAL | 1,391,841 | 1,305,155 | 1,283,288 | 1,304,136 | 1,199,859 | 1,219,569 | 7,703,848 |
| 11 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 12 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 13 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 14 | TOTAL (MWH) | 1,392,789 | 1,304,670 | 1,282,164 | 1,305,709 | 1,201,683 | 1,221,456 | 7,708,471 |
| | **UNITS OF FUEL BURNED** | | | | | | | |
| 15 | HEAVY OIL (BBL) | 4,513 | 1,512 | (569) | 2,520 | 1,707 | 917 | 10,600 |
| 16 | LIGHT OIL (BBL) | 954 | 176 | 0 | 1,217 | 2,652 | 3,578 | 8,577 |
| 17 | COAL (TON) | 595,867 | 546,500 | 551,346 | 544,109 | 493,398 | 505,159 | 3,236,379 |
| 18 | NATURAL GAS (MCF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 29,105 | 9,435 | 0 | 15,929 | 10,790 | 5,796 | 71,058 |
| 22 | LIGHT OIL | 5,595 | 1,036 | 0 | 7,060 | 15,381 | 20,753 | 49,825 |
| 23 | COAL | 14,398,835 | 13,324,683 | 13,321,691 | 12,918,790 | 11,947,160 | 12,134,080 | 78,045,239 |
| 24 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 25 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 26 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 27 | TOTAL (MMBTU) | 14,433,536 | 13,335,154 | 13,321,691 | 12,941,779 | 11,973,331 | 12,160,629 | 78,166,122 |
| | **GENERATION MIX (% MWH)** | | | | | | | |
| 28 | HEAVY OIL | 0.04 | (0.04) | (0.09) | 0.09 | 0.07 | 0.05 | 0.02 |
| 29 | LIGHT OIL | 0.02 | 0.00 | 0.00 | 0.03 | 0.08 | 0.10 | 0.04 |
| 30 | COAL | 99.94 | 100.04 | 100.09 | 99.88 | 99.85 | 99.85 | 99.94 |
| 31 | NATURAL GAS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 ($/BBL) | 16.23 | 18.77 | 17.64 | 18.37 | 20.70 | 26.43 | 18.63 |
| 36 | LIGHT OIL ($/BBL) | 23.61 | 23.79 | 0.00 | 23.76 | 23.91 | 24.06 | 23.92 |
| 37 | COAL ($/TON) | 51.32 | 52.20 | 51.64 | 50.61 | 52.10 | 51.52 | 51.55 |
| 38 | NATURAL GAS ($/MCF) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 39 | NUCLEAR ($/MMBTU) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 40 | OTHER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | **FUEL COST PER MMBTU ($/MMBTU)** | | | | | | | |
| 41 | HEAVY OIL | 2.52 | 3.01 | 0.00 | 2.91 | 3.28 | 4.18 | 2.78 |
| 42 | LIGHT OIL | 4.03 | 4.04 | 0.00 | 4.10 | 4.12 | 4.15 | 4.12 |
| 43 | COAL | 2.12 | 2.14 | 2.14 | 2.13 | 2.15 | 2.14 | 2.14 |
| 44 | NATURAL GAS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | 2.13 | 2.14 | 2.14 | 2.13 | 2.16 | 2.15 | 2.14 |
| | **BTU BURNED PER KWH (BTU/KWH)** | | | | | | | |
| 48 | HEAVY OIL | 46,797 | (18,144) | 0 | 14,034 | 12,331 | 9,502 | 44,467 |
| 49 | LIGHT OIL | 17,163 | 29,600 | 0 | 16,119 | 16,208 | 16,251 | 16,471 |
| 50 | COAL | 10,345 | 10,209 | 10,381 | 9,906 | 9,957 | 9,949 | 10,131 |
| 51 | NATURAL GAS | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 52 | NUCLEAR | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 | OTHER | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 54 | TOTAL (BTU/KWH) | 10,363 | 10,221 | 10,390 | 9,912 | 9,964 | 9,956 | 10,140 |
| | **GENERATED FUEL COST PER KWH (cents/KWH)** | | | | | | | |
| 55 | HEAVY OIL | 11.78 | (5.46) | 0.89 | 4.08 | 4.04 | 3.97 | 12.36 |
| 56 | LIGHT OIL | 6.91 | 11.96 | 0.00 | 6.60 | 6.68 | 6.74 | 6.78 |
| 57 | COAL | 2.20 | 2.19 | 2.22 | 2.11 | 2.14 | 2.13 | 2.17 |
| 58 | NATURAL GAS | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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) | 2.20 | 2.19 | 2.22 | 2.11 | 2.15 | 2.14 | 2.17 |

**SYSTEM GENERATED FUEL COST INVENTORY ANALYSIS**
**TAMPA ELECTRIC COMPANY**
**ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1994 THRU MARCH 1995**

| | ACTUAL | | ESTIMATED | | | | |
|---|---|---|---|---|---|---|---|
| **HEAVY OIL** | Oct-94 | Nov-94 | Dec-94 | Jan-95 | Feb-95 | Mar-95 | TOTAL |
| 1 PURCHASES: | | | | | | | |
| 2 UNITS (BBL) | 0 | (59) | (164) | 2,520 | 1,707 | 917 | 4,921 |
| 3 UNIT COST ($/BBL) | 0.00 | (3.78) | 1.21 | 16.46 | 17.16 | 18.79 | 17.89 |
| 4 AMOUNT ($) | 0 | 223 | (199) | 41,489 | 29,286 | 17,230 | 88,029 |
| 5 BURNED: | | | | | | | |
| 6 UNITS (BBL) | 4,513 | 1,512 | (919) | 2,520 | 1,707 | 917 | 10,600 |
| 7 UNIT COST ($/BBL) | 16.23 | 18.77 | 17.64 | 18.37 | 20.70 | 26.43 | 18.63 |
| 8 AMOUNT ($) | 73,259 | 28,384 | (10,039) | 46,291 | 35,338 | 24,240 | 197,473 |
| 9 ENDING INVENTORY: | | | | | | | |
| 10 UNITS (BBL) | 119,440 | 117,869 | 118,274 | 118,274 | 118,274 | 118,274 | 118,274 |
| 11 UNIT COST ($/BBL) | 15.24 | 15.56 | 15.58 | 15.60 | 15.61 | 15.62 | 15.62 |
| 12 AMOUNT ($) | 1,820,411 | 1,832,316 | 1,842,155 | 1,844,589 | 1,846,209 | 1,846,994 | 1,846,994 |
| 13 DAYS SUPPLY: | 365 | 1,167 | 1,126 | 2,180 | 533 | 194 | - |
| **LIGHT OIL** | | | | | | | |
| 14 PURCHASES: | | | | | | | |
| 15 UNITS (BBL) | 4,300 | 3,451 | 12,410 | 9,337 | 9,830 | 11,348 | 50,685 |
| 16 UNIT COST ($/BBL) | 24.49 | 25.81 | 23.00 | 24.76 | 24.79 | 24.80 | 24.39 |
| 17 AMOUNT ($) | 105,308 | 89,066 | 285,369 | 231,154 | 243,912 | 281,483 | 1,236,312 |
| 18 BURNED: | | | | | | | |
| 19 UNITS (BBL) | 954 | 176 | 0 | 1,217 | 2,652 | 3,578 | 8,577 |
| 20 UNIT COST ($/BBL) | 23.61 | 23.79 | 0.00 | 23.76 | 23.91 | 24.06 | 23.92 |
| 21 AMOUNT ($) | 22,528 | 4,187 | 0 | 28,912 | 63,412 | 86,094 | 205,133 |
| 22 ENDING INVENTORY: | | | | | | | |
| 23 UNITS (BBL) | 49,107 | 45,099 | 46,888 | 46,888 | 46,888 | 46,888 | 46,888 |
| 24 UNIT COST ($/BBL) | 23.60 | 23.75 | 23.59 | 23.77 | 23.93 | 24.09 | 24.09 |
| 25 AMOUNT ($) | 1,159,131 | 1,071,098 | 1,105,932 | 1,114,595 | 1,122,214 | 1,129,451 | 1,129,451 |
| 26 DAYS SUPPLY: NORMAL | 160 | 175 | 191 | 122 | 115 | 115 | - |
| 27 DAYS SUPPLY: EMERGENCY | 7 | 6 | 7 | 7 | 7 | 7 | - |
| **COAL** | | | | | | | |
| 28 PURCHASES: | | | | | | | |
| 29 UNITS (TONS) | 474,673 | 537,152 | 707,173 | 634,880 | 625,000 | 596,000 | 3,574,878 |
| 30 UNIT COST ($/TON) | 49.62 | 51.45 | 52.40 | 48.79 | 50.87 | 50.57 | 50.68 |
| 31 AMOUNT ($) | 23,555,286 | 27,637,053 | 37,056,167 | 30,977,826 | 31,794,644 | 30,142,486 | 181,163,462 |
| 32 BURNED: | | | | | | | |
| 33 UNITS (TONS) | 595,867 | 546,500 | 551,346 | 544,109 | 493,396 | 505,159 | 3,236,379 |
| 34 UNIT COST ($/TON) | 51.32 | 52.20 | 51.64 | 50.61 | 52.10 | 51.52 | 51.55 |
| 35 AMOUNT ($) | 30,577,924 | 28,525,407 | 28,470,866 | 27,534,905 | 25,708,460 | 26,025,996 | 166,843,678 |
| 36 ENDING INVENTORY: | | | | | | | |
| 37 UNITS (TONS) | 406,837 | 397,489 | 553,316 | 644,087 | 775,689 | 866,530 | 866,530 |
| 38 UNIT COST ($/TON) | 51.25 | 50.74 | 52.51 | 51.17 | 50.82 | 50.68 | 50.68 |
| 39 AMOUNT ($) | 20,850,471 | 20,169,445 | 29,057,128 | 32,960,403 | 39,421,225 | 43,918,506 | 43,918,506 |
| 40 DAYS SUPPLY: | 25 | 23 | 33 | 39 | 43 | 44 | - |
| **NATURAL GAS** | | | | | | | |
| 41 PURCHASES: | | | | | | | |
| 42 UNITS (MCF) | (12,064) | 0 | 0 | 0 | 0 | 0 | (12,064) |
| 43 UNIT COST ($/MCF) | 0.79 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.79 |
| 44 AMOUNT ($) | (9,529) | 0 | 0 | 0 | 0 | 0 | (9,529) |
| 45 BURNED: | | | | | | | |
| 46 UNITS (MCF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 47 UNIT COST ($/MCF) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 48 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 49 ENDING INVENTORY: | | | | | | | |
| 50 UNITS (MCF) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 51 UNIT COST ($/MCF) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 52 AMOUNT ($) | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 53 DAYS SUPPLY: | 0 | 0 | 0 | 0 | 0 | 0 | - |
| **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.

POWER SOLD
TAMPA ELECTRIC COMPANY
ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1994 THRU MARCH 1995

| (1) MONTH | (2) SOLD TO | | (3) TYPE & SCHEDULE | (4) TOTAL MWH SOLD | (5) MWH WHEELED FROM OTHER SYSTEMS | (6) MWH FROM OWN GENERATION | (7) ¢/KWH (A) FUEL COST | (7) ¢/KWH (B) TOTAL COST | (8) TOTAL $ FOR FUEL ADJUSTMENT (6)X(7A) | (9) TOTAL COST $ (6)X(7B) | (10) 80% GAIN ON ECONOMY ENERGY SALES |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ACTUAL Oct-94 | VARIOUS | | ECON | 174,749.0 | 0.0 | 174,749.0 | 1.596 | 1.905 | 2,788,336.00 | 3,329,500.00 | 432,831.00 |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | JURISD | SCH -D | 3,760.0 | 0.0 | 3,760.0 | 1.401 | 1.401 | 54,576.00 | 54,576.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | SEPARATED | SCH -D | 36,628.0 | 0.0 | 36,628.0 | 1.336 | 1.803 | 489,218.00 | 660,460.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | HPP | SEPARATED | SCH -D | 2,241.0 | 0.0 | 2,241.0 | 2.174 | 2.801 | 48,716.00 | 62,770.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | JURISD | SCH -J | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 | 0.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (358,835.00) | | |
| | PLUS 80% OF ECON PROFITS | | | | | | | | 432,831.00 | | |
| TOTAL | | | - | 217,378.0 | 0.0 | 217,378.0 | 1.636 | 1.856 | 3,556,152.00 | 4,033,834.00 | |
| ACTUAL Nov-94 | VARIOUS | | ECON | 196,388.0 | 0.0 | 196,388.0 | 1.616 | 1.853 | 3,170,546.00 | 3,835,758.00 | 532,169.00 |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | JURISD | SCH -D | 3,887.0 | 0.0 | 3,887.0 | 1.463 | 1.463 | 56,842.00 | 56,842.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | SEPARATED | SCH -D | 32,405.0 | 0.0 | 32,405.0 | 1.294 | 1.553 | 418,321.00 | 503,248.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | HPP | SEPARATED | SCH -D | 1,241.0 | 0.0 | 1,241.0 | 2.286 | 2.885 | 28,372.00 | 35,561.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | JURISD | SCH -J | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 | 0.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (290,821.00) | | |
| | PLUS 80% OF ECON PROFITS | | | | | | | | 532,169.00 | | |
| TOTAL | | | - | 233,908.0 | 0.0 | 233,908.0 | 1.674 | 1.894 | 3,916,429.00 | 4,431,200.00 | |
| ESTIMATED Dec-94 | VARIOUS | | ECON | 177,838.0 | 0.0 | 177,838.0 | 1.576 | 1.907 | 2,802,884.00 | 3,387,177.00 | 467,346.00 |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | JURISD | SCH -D | 3,636.0 | 0.0 | 3,636.0 | 1.391 | 1.391 | 53,368.00 | 53,368.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | SEPARATED | SCH -D | 32,880.0 | 0.0 | 32,880.0 | 1.327 | 1.592 | 437,846.00 | 525,042.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | HPP | SEPARATED | SCH -D | 45.0 | 0.0 | 45.0 | (1.673) | (1.082) | (753.00) | (487.00) | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | VARIOUS | JURISD | SCH -J | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 | 0.00 | |
| | | | ALLOWANCES | | | | | | 0.00 | 0.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (262,906.00) | | |
| | PLUS 80% OF ECON PROFITS | | | | | | | | 467,346.00 | | |
| TOTAL | | | - | 214,500.0 | 0.0 | 214,500.0 | 1.621 | 1.849 | 3,487,695.00 | 3,965,100.00 | |
| ESTIMATED Jan-95 | VARIOUS | | ECON | 123,875.0 | 0.0 | 123,875.0 | 1.643 | 1.910 | 2,034,800.00 | 2,366,200.00 | 265,120.00 |
| | | | ALLOWANCES | | | | | | 3,500.00 | 3,500.00 | |
| | VARIOUS | JURISD | SCH -D | 4,177.0 | 0.0 | 4,177.0 | 1.465 | 1.465 | 61,200.00 | 61,200.00 | |
| | | | ALLOWANCES | | | | | | 400.00 | 400.00 | |
| | VARIOUS | SEPARATED | SCH -D | 30,058.0 | 0.0 | 30,058.0 | 1.347 | 1.616 | 404,800.00 | 485,700.00 | |
| | | | ALLOWANCES | | | | | | 5,700.00 | 5,700.00 | |
| | HPP | SEPARATED | SCH -D | 9,378.0 | 0.0 | 9,378.0 | 2.063 | 2.980 | 193,500.00 | 279,500.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | VARIOUS | JURISD | SCH -J | 9,058.0 | 0.0 | 9,058.0 | 1.614 | 1.614 | 146,200.00 | 146,200.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (188,300.00) | | |
| | PLUS 80% OF ECON PROFITS | | | | | | | | 265,120.00 | | |
| TOTAL | | | - | 176,547.0 | 0.0 | 176,547.0 | 1.656 | 1.897 | 2,927,320.00 | 3,348,800.00 | |
| ESTIMATED Feb-95 | VARIOUS | | ECON | 128,373.0 | 0.0 | 128,373.0 | 1.744 | 1.974 | 2,238,200.00 | 2,534,600.00 | 237,120.00 |
| | | | ALLOWANCES | | | | | | 4,400.00 | 4,400.00 | |
| | VARIOUS | JURISD | SCH -D | 3,773.0 | 0.0 | 3,773.0 | 1.622 | 1.622 | 61,200.00 | 61,200.00 | |
| | | | ALLOWANCES | | | | | | 400.00 | 400.00 | |
| | VARIOUS | SEPARATED | SCH -D | 27,845.0 | 0.0 | 27,845.0 | 1.351 | 1.621 | 376,100.00 | 451,300.00 | |
| | | | ALLOWANCES | | | | | | 6,400.00 | 6,400.00 | |
| | HPP | SEPARATED | SCH -D | 3,720.0 | 0.0 | 3,720.0 | 2.088 | 3.003 | 77,600.00 | 111,700.00 | |
| | | | ALLOWANCES | | | | | | 100.00 | 100.00 | |
| | VARIOUS | JURISD | SCH -J | 7,609.0 | 0.0 | 7,609.0 | 1.715 | 1.715 | 130,500.00 | 130,500.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (195,100.00) | | |
| | PLUS 80% OF ECON PROFITS | | | | | | | | 237,120.00 | | |
| TOTAL | | | - | 171,320.0 | 0.0 | 171,320.0 | 1.714 | 1.927 | 2,937,120.00 | 3,300,800.00 | |
| ESTIMATED Mar-95 | VARIOUS | | ECON | 82,828.0 | 0.0 | 82,828.0 | 1.720 | 1.950 | 1,425,000.00 | 1,614,400.00 | 174,320.00 |
| | | | ALLOWANCES | | | | | | 2,800.00 | 2,800.00 | |
| | VARIOUS | JURISD | SCH -D | 4,177.0 | 0.0 | 4,177.0 | 1.587 | 1.587 | 66,700.00 | 66,700.00 | |
| | | | ALLOWANCES | | | | | | 400.00 | 400.00 | |
| | VARIOUS | SEPARATED | SCH -D | 29,408.0 | 0.0 | 29,408.0 | 1.348 | 1.617 | 396,300.00 | 475,600.00 | |
| | | | ALLOWANCES | | | | | | 8,000.00 | 8,000.00 | |
| | HPP | SEPARATED | SCH -D | 8,767.0 | 0.0 | 8,767.0 | 2.111 | 3.028 | 185,100.00 | 265,500.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | VARIOUS | JURISD | SCH -J | 8,100.0 | 0.0 | 8,100.0 | 1.719 | 1.719 | 139,200.00 | 139,200.00 | |
| | | | ALLOWANCES | | | | | | 200.00 | 200.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (141,100.00) | | |
| | PLUS 80% OF ECON PROFITS | | | | | | | | 174,320.00 | | |
| TOTAL | | | - | 143,280.0 | 0.0 | 143,280.0 | 1.694 | 1.934 | 2,426,720.00 | 2,771,100.00 | |
| Oct-94 THRU Mar-95 | VARIOUS | | ECON | 883,830.0 | 0.0 | 883,830.0 | 1.637 | 1.932 | 14,631,376.00 | 17,267,635.00 | 2,109,008.00 |
| | | | ALLOWANCE | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 10,800.00 | 10,800.00 | |
| | VARIOUS | JURISD | SCH -D | 23,620.0 | 0.0 | 23,620.0 | 1.497 | 1.497 | 353,666.00 | 353,666.00 | |
| | | | ALLOWANCE | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 1,200.00 | 1,200.00 | |
| | VARIOUS | SEPARATED | SCH -D | 189,325.0 | 0.0 | 189,325.0 | 1.333 | 1.599 | 2,523,384.00 | 3,027,879.00 | |
| | | | ALLOWANCE | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 18,100.00 | 18,100.00 | |
| | HPP | SEPARATED | SCH -D | 25,382.0 | 0.0 | 25,382.0 | 2.097 | 2.972 | 532,536.00 | 754,534.00 | |
| | | | ALLOWANCE | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 500.00 | 500.00 | |
| | VARIOUS | JURISD | SCH -J | 24,767.0 | 0.0 | 24,767.0 | 1.679 | 1.679 | 415,900.00 | 415,900.00 | |
| | | | ALLOWANCE | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 600.00 | 600.00 | |
| | LESS VARIABLE O & M COSTS | | | | | | | | (1,336,854.00) | | |
| | PLUS 80% OF ECON PROFITS | | | | | | | | 2,109,008.00 | | |
| TOTAL | | | - | 1,156,934.0 | 0.0 | 1,156,934.0 | 1.666 | 1.888 | 19,260,436.00 | 21,850,634.00 | |

PURCHASED POWER
(EXCLUSIVE OF ECONOMY AND QUALIFYING FACILITIES)
TAMPA ELECTRIC COMPANY
ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1994 THRU MARCH 1995

SCHEDULE E7

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL MWH PURCHASED | MWH FOR OTHER UTILITIES | MWH FOR INTERRUP-TIBLE | MWH FOR FIRM | cents/KWH (A) FUEL COST | (B) TOTAL COST | TOTAL $ FOR FUEL ADJUSTMENT (7)X(8A) |
| ACTUAL | VARIOUS | EMER | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Oct-94 | HPP | IPP | 6,203.0 | 0.0 | 0.0 | 6,203.0 | 3.661 | 3.661 | 227,085.00 |
| | ST. CLOUD | PEAKING | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| TOTAL | | - | 6,203.0 | 0.0 | 0.0 | 6,203.0 | 3.661 | 3.661 | 227,085.00 |
| ACTUAL | VARIOUS | EMER | 2,121.0 | 0.0 | 0.0 | 2,121.0 | 3.223 | 3.223 | 68,358.00 |
| Nov-94 | HPP | IPP | 160.0 | 0.0 | 0.0 | 160.0 | 21.586 | 21.586 | 34,537.00 |
| | ST. CLOUD | PEAKING | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| TOTAL | | - | 2,281.0 | 0.0 | 0.0 | 2,281.0 | 4.511 | 4.511 | 102,895.00 |
| ESTIMATED | VARIOUS | EMER | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| Dec-94 | HPP | IPP | 346.0 | 0.0 | 0.0 | 346.0 | 24.436 | 24.436 | 84,549.00 |
| | ST. CLOUD | PEAKING | 0.0 | 0.0 | 0.0 | 0.0 | 0.000 | 0.000 | 0.00 |
| TOTAL | | - | 346.0 | 0.0 | 0.0 | 346.0 | 24.436 | 24.436 | 84,549.00 |
| ESTIMATED | VARIOUS | EMER | 331.0 | 0.0 | 206.0 | 125.0 | 4.800 | 4.800 | 6,000.00 |
| Jan-95 | HPP | IPP | 3,402.0 | 0.0 | 0.0 | 3,402.0 | 5.732 | 5.732 | 195,000.00 |
| | ST. CLOUD | PEAKING | 26.0 | 0.0 | 0.0 | 26.0 | 8.077 | 8.077 | 2,100.00 |
| TOTAL | | - | 3,759.0 | 0.0 | 206.0 | 3,553.0 | 5.716 | 5.716 | 203,100.00 |
| ESTIMATED | VARIOUS | EMER | 584.0 | 0.0 | 385.0 | 199.0 | 4.774 | 4.774 | 9,500.00 |
| Feb-95 | HPP | IPP | 6,863.0 | 0.0 | 0.0 | 6,863.0 | 4.518 | 4.518 | 310,100.00 |
| | ST. CLOUD | PEAKING | 54.0 | 0.0 | 0.0 | 54.0 | 8.148 | 8.148 | 4,400.00 |
| TOTAL | | - | 7,501.0 | 0.0 | 385.0 | 7,116.0 | 4.553 | 4.553 | 324,000.00 |
| ESTIMATED | VARIOUS | EMER | 524.0 | 0.0 | 398.0 | 126.0 | 4.762 | 4.762 | 6,000.00 |
| Mar-95 | HPP | IPP | 7,494.0 | 0.0 | 0.0 | 7,494.0 | 4.436 | 4.436 | 332,400.00 |
| | ST. CLOUD | PEAKING | 66.0 | 0.0 | 0.0 | 66.0 | 8.182 | 8.182 | 5,400.00 |
| TOTAL | | - | 8,084.0 | 0.0 | 398.0 | 7,686.0 | 4.473 | 4.473 | 343,800.00 |
| Oct-94 | VARIOUS | EMER | 3,560.0 | 0.0 | 989.0 | 2,571.0 | 3.495 | 3.495 | 89,858.00 |
| THRU | HPP | IPP | 24,468.0 | 0.0 | 0.0 | 24,468.0 | 4.838 | 4.838 | 1,183,671.00 |
| Mar-95 | ST. CLOUD | PEAKING | 146.0 | | | 146.0 | 8.151 | 8.151 | 11,900.00 |
| TOTAL | | - | 28,174.0 | 0.0 | 989.0 | 27,185.0 | 4.728 | 4.728 | 1,285,429.00 |

SCHEDULE E8

ENERGY PAYMENT TO QUALIFYING FACILITIES
TAMPA ELECTRIC COMPANY
ACTUAL/ESTIMATED FOR THE PERIOD OF: OCTOBER 1994 THRU MAR[illegible] 1995

| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | | (9) |
|---|---|---|---|---|---|---|---|---|---|
| MONTH | PURCHASED FROM | TYPE & SCHEDULE | TOTAL MWH PURCHASED | MWH FOR OTHER UTILITIES | MWH FOR INTERRUP-TIBLE | MWH FOR FIRM | cents/KWH | | TOTAL $ FOR FUEL ADJUSTMENT (7)X(8A) |
| | | | | | | | (A) FUEL COST | (B) TOTAL COST | |
| Oct-94 | VARIOUS | CO-GEN. | 33,037.0 | 0.0 | 0.0 | 33,037.0 | 1.522 | 1.522 | 502,765.00 |
| Nov-94 | VARIOUS | CO-GEN. | 31,685.0 | 0.0 | 0.0 | 31,685.0 | 1.530 | 1.530 | 484,921.00 |
| Dec-94 | VARIOUS | CO-GEN. | 38,724.0 | 0.0 | 0.0 | 38,724.0 | 1.444 | 1.444 | 559,113.00 |
| Jan-95 | VARIOUS | CO-GEN. | 39,766.0 | 0.0 | 0.0 | 39,766.0 | 1.508 | 1.508 | 599,800.00 |
| Feb-95 | VARIOUS | CO-GEN. | 35,096.0 | 0.0 | 0.0 | 35,096.0 | 1.643 | 1.643 | 576,700.00 |
| Mar-95 | VARIOUS | CO-GEN. | 39,368.0 | 0.0 | 0.0 | 39,368.0 | 1.670 | 1.670 | 657,300.00 |
| TOTAL | | | 217,676.0 | 0.0 | 0.0 | 217,676.0 | 1.553 | 1.553 | 3,380,599.00 |

TAMPA ELECTRIC COMPANY

| | | PERIOD OF : APRIL THRU SEPTEMBER | | | | DIFFERENCE (%) FROM PRIOR PERIOD | | |
|---|---|---|---|---|---|---|---|---|
| | | ACTUAL 1992 | ACTUAL 1993 | ACTUAL 1994 | PROJ. 1995 | 1992/93% | 1993/94% | 1994/95% |
| | **FUEL COST OF SYSTEM NET GENERATION ($)** | | | | | | | |
| 1 | *HEAVY OIL | 7,327,801 | 7,307,430 | 5,295,189 | 3,227,473 | -0.3% | -27.5% | -39.0% |
| 2 | *LIGHT OIL | 847,507 | 609,833 | 164,460 | 1,164,960 | -28.0% | -73.0% | 608.4% |
| 3 | COAL | 191,893,221 | 187,097,752 | 191,000,521 | 191,042,271 | -2.5% | 2.1% | 0.0% |
| 4 | NATURAL GAS | 182,582 | 189,495 | 69,603 | 0 | 3.8% | -63.3% | -100.0% |
| 5 | NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 6 | OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 7 | TOTAL ($) | 200,250,911 | 195,204,510 | 196,529,773 | 195,434,704 | -2.5% | 0.7% | -0.6% |
| | **SYSTEM NET GENERATION (MWH)** | | | | | | | |
| 8 | *HEAVY OIL | 210,663 | 210,199 | 159,150 | 79,732 | -0.2% | -24.3% | -49.9% |
| 9 | *LIGHT OIL | 11,095 | 8,543 | 2,273 | 16,484 | -23.0% | -73.4% | 625.2% |
| 10 | COAL | 8,709,974 | 8,370,794 | 8,465,050 | 8,895,926 | -3.9% | 1.1% | 5.1% |
| 11 | NATURAL GAS | 6,434 | 4,081 | 0 | 0 | -36.6% | -100.0% | 0.0% |
| 12 | NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 13 | OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 14 | TOTAL (MWH) | 8,938,166 | 8,593,617 | 8,626,473 | 8,992,142 | -3.9% | 0.4% | 4.2% |
| | **UNITS OF FUEL BURNED** | | | | | | | |
| 15 | *HEAVY OIL (BBL) | 453,630 | 458,191 | 352,251 | 198,020 | 1.0% | -23.1% | -43.8% |
| 16 | *LIGHT OIL (BBL) | 32,458 | 24,388 | 6,967 | 47,539 | -24.9% | -71.4% | 582.3% |
| 17 | COAL (TON) | 3,682,273 | 3,540,463 | 3,652,735 | 3,758,472 | -3.9% | 3.2% | 2.9% |
| 18 | NATURAL GAS (MCF) | 74,624 | 53,440 | 0 | 0 | -28.4% | -100.0% | 0.0% |
| 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 | 2,891,056 | 2,923,692 | 2,245,623 | 1,249,544 | 1.1% | -23.2% | -44.4% |
| 22 | *LIGHT OIL | 190,080 | 142,714 | 40,563 | 275,727 | -24.9% | -71.6% | 579.8% |
| 23 | COAL | 88,687,472 | 86,028,359 | 87,578,169 | 90,092,711 | -3.0% | 1.8% | 2.9% |
| 24 | NATURAL GAS | 74,624 | 53,440 | 0 | 0 | -28.4% | -100.0% | 0.0% |
| 25 | NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 26 | OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 27 | TOTAL (MMBTU) | 91,843,232 | 89,148,205 | 89,864,355 | 91,617,982 | -2.9% | 0.8% | 2.0% |
| | **GENERATION MIX (% MWH)** | | | | | | | |
| 28 | *HEAVY OIL | 2.36 | 2.45 | 1.84 | 0.89 | - | - | - |
| 29 | *LIGHT OIL | 0.12 | 0.10 | 0.03 | 0.18 | - | - | - |
| 30 | COAL | 97.45 | 97.40 | 98.13 | 98.93 | - | - | - |
| 31 | NATURAL GAS | 0.07 | 0.05 | 0.00 | 0.00 | - | - | - |
| 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 ($/BBL) | 16.15 | 15.95 | 15.03 | 16.30 | -1.2% | -5.8% | 8.4% |
| 36 | *LIGHT OIL ($/BBL) | 26.11 | 25.01 | 23.61 | 24.51 | -4.2% | -5.6% | 3.8% |
| 37 | COAL ($/TON) | 52.11 | 52.85 | 52.29 | 50.83 | 1.4% | -1.1% | -2.8% |
| 38 | NATURAL GAS ($/MCF) | 2.45 | 3.55 | 0.00 | 0.00 | 44.9% | -100.0% | 0.0% |
| 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 | 2.53 | 2.50 | 2.36 | 2.58 | -1.2% | -5.6% | 9.3% |
| 42 | *LIGHT OIL | 4.46 | 4.27 | 4.05 | 4.23 | -4.3% | -5.2% | 4.4% |
| 43 | COAL | 2.16 | 2.17 | 2.18 | 2.12 | 0.5% | 0.5% | -2.8% |
| 44 | NATURAL GAS | 2.45 | 3.55 | 0.00 | 0.00 | 44.9% | -100.0% | 0.0% |
| 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) | 2.18 | 2.19 | 2.19 | 2.13 | 0.5% | 0.0% | -2.7% |
| | **BTU BURNED PER KWH (BTU/KWH)** | | | | | | | |
| 48 | *HEAVY OIL | 13,724 | 13,909 | 14,110 | 15,672 | 1.3% | 1.4% | 11.1% |
| 49 | *LIGHT OIL | 17,132 | 16,705 | 17,846 | 16,727 | -2.5% | 6.8% | -6.3% |
| 50 | COAL | 10,182 | 10,277 | 10,346 | 10,127 | 0.9% | 0.7% | -2.1% |
| 51 | NATURAL GAS | 11,598 | 13,095 | 0 | 0 | 12.9% | -100.0% | 0.0% |
| 52 | NUCLEAR | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 53 | OTHER | 0 | 0 | 0 | 0 | 0.0% | 0.0% | 0.0% |
| 54 | TOTAL (BTU/KWH) | 10,275 | 10,374 | 10,417 | 10,189 | 1.0% | 0.4% | -2.2% |
| | **GENERATED FUEL COST PER KWH (cents/KWH)** | | | | | | | |
| 55 | *HEAVY OIL | 3.48 | 3.48 | 3.33 | 4.05 | 0.0% | -4.3% | 21.6% |
| 56 | *LIGHT OIL | 7.64 | 7.14 | 7.24 | 7.07 | -6.5% | 1.4% | -2.3% |
| 57 | COAL | 2.20 | 2.24 | 2.26 | 2.15 | 1.8% | 0.9% | -4.9% |
| 58 | NATURAL GAS | 2.84 | 4.64 | 0.00 | 0.00 | 63.4% | -100.0% | 0.0% |
| 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) | 2.24 | 2.27 | 2.26 | 2.17 | 1.3% | 0.4% | -4.8% |

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

RATES FOR PURCHASES BY THE COMPANY

A. Capacity Rates

Capacity payments to Qualifying Facilities will not be paid under this schedule. Capacity payments to small Qualifying Facilities of less than 75 MWs or Solid Waste Facilities may be obtained under either a Standard Offer Contract as described in Schedule COG-2, Firm Capacity and Energy or a negotiated contract.

Capacity payments to Qualifying Facilities of 75 MWs or greater may only be obtained under a negotiated contract as described in FPSC Rule 25-17.0832.

B. Energy Rates

As-Available Energy is purchased at a unit cost, in cents per kilowatt-hour (¢/KWH), based on the Company's actual hourly avoided energy costs which are calculated by the Company in accordance with FPSC Rule 25-17.0825, F.A.C. Customer charges directly attributable to the purchase of As-Available Energy from the Qualifying Facility are deducted from the Qualifying Facility's total monthly energy payment.

Avoided energy costs include incremental fuel, identifiable variable operation and maintenance expenses, and an adjustment for line losses reflecting delivery voltage. The calculation of payments to the Qualifying Facility shall be based on the energy deliveries from the Qualifying Facility to the Company and the applicable avoided energy rate, in accordance with FPSC Rule 25-17.082, F.A.C. All sales shall be adjusted for losses from the point of metering to the point of interconnection.

The methodology to be used in the calculation of the avoided energy cost is described in Appendix A.

C. Negotiated Rates

Upon agreement by both the Company and the Qualifying Facility, an alternate contract rate for the purchase of As-Available Energy may be Yseparately negotiated.

ESTIMATED AS-AVAILABLE AVOIDED ENERGY COST

For informational purposes only, the estimated incremental avoided energy costs for the next four semi-annual periods are as follows. These estimates include a credit for variable operating and maintenance expenses. For the current six month period, April 1, 1995 - September 30, 1995, this credit is estimated to average 0.152¢/KWH. A Standard Tariff block will be used to calculate the actual hourly avoided energy cost as described in Appendix A.

TWENTY-SECOND REVISED SHEET NO. 8.040
CANCELS TWENTY-FIRST REVISED SHEET NO. 8.040

TAMPA ELECTRIC COMPANY

| Applicable Period | On-Peak ¢/KWH | Off-Peak ¢/KWH | Average ¢/KWH |
|---|---|---|---|
| April 1, 1995 - September 30, 1995 | 2.437 | 1.882 | 2.081 |
| October 1, 1995 - March 31, 1996 | 1.892 | 1.700 | 1.751 |
| April 1, 1996 - September 30, 1996 | 2.596 | 2.002 | 2.215 |
| October 1, 1996 - March 31, 1997 | 1.925 | 1.729 | 1.781 |

For informational purposes the Company's 10 year projected annual generation mix and fuel prices are as follows:

| | Percent Generation by Fuel Type | | | | Supplemental Price of Fuel Delivered | | | |
|---|---|---|---|---|---|---|---|---|
| Year (1) | #2 Oil (2) | #6 Oil (3) | NGas (4) | Coal (5) | #2 Oil (¢/MBTU) (6) | #6 Oil (¢/MBTU) (7) | NGas (¢/MBTU) (8) | Coal (¢/MBTU) (9) |
| 1995 | 0.2 | 0.5 | 0.0 | 99.4 | 428 | 282 | 0 | 138 |
| 1996 | 0.3 | 0.9 | 0.0 | 98.9 | 449 | 293 | 0 | 137 |
| 1997 | 0.4 | 0.7 | 0.0 | 98.9 | 476 | 304 | 0 | 142 |
| 1998 | 0.3 | 0.8 | 0.0 | 98.8 | 495 | 316 | 0 | 145 |
| 1999 | 0.3 | 0.9 | 0.0 | 98.9 | 517 | 326 | 0 | 147 |
| 2000 | 0.3 | 1.0 | 0.0 | 98.7 | 544 | 340 | 0 | 162 |
| 2001 | 0.5 | 1.2 | 0.2 | 98.2 | 575 | 356 | 428 | 169 |
| 2002 | 0.7 | 1.6 | 0.4 | 97.3 | 609 | 373 | 456 | 173 |
| 2003 | 0.6 | 0.3 | 0.1 | 98.9 | 645 | 422 | 488 | 180 |
| 2004 | 0.8 | 0.4 | 0.4 | 98.4 | 682 | 447 | 522 | 197 |

"Supplemental" refers to fuel purchases in excess of long-term contract minimum requirements.

ISSUED BY: K.S. Surgenor, President

DATE EFFECTIVE:

EXHIBIT NO.______
DOCKET NO. 950001-EI
TAMPA ELECTRIC COMPANY
(MJP-3)
SUBMITTED FOR FILING 01/17/95

**TAMPA ELECTRIC COMPANY**
**CAPACITY COST RECOVERY**
**PROJECTED**
**APRIL 1995 - SEPTEMBER 1995**

TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
APRIL 1995 THROUGH SEPTEMBER 1995

| | (1) AVG 12CP 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 | 52.72% | 3,394,589 | 1,470 | 1.06399 | 1.05908 | 3,595,141 | 1,564 | 44.70% | 59.63% |
| GS,TS | 57.29% | 458,307 | 183 | 1.06358 | 1.05908 | 485,384 | 195 | 6.04% | 7.43% |
| GSD | 77.53% | 1,946,624 | 573 | 1.06277 | 1.05811 | 2,059,742 | 609 | 25.61% | 23.22% |
| GSLD,SBF | 84.42% | 888,382 | 240 | 1.05020 | 1.04529 | 928,617 | 252 | 11.55% | 9.61% |
| IS-1&3,SBI-1&3 | N/A | 887,032 | N/A | N/A | 1.02402 | 908,339 | 0 | 11.30% | 0.00% |
| SL/OL | 508.70% | 60,396 | 3 | 1.04000 | 1.05908 | 63,964 | 3 | 0.80% | 0.11% |
| TOTAL | | 7,635,330 | 2,469 | | | 8,041,187 | 2,623 | 100.00% | 100.00% |

(1) AVG 12 CP load factor based on actual 1993 calendar data.
(2) Projected mWh sales for the period April 1995 through September 1995.
(3) Calculated: Col(2)/(8760*.5*Col(1)),8760 hours * .5 = hours in six months.
(4) Based on 1993 demand losses.
(5) Based on 1993 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.

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TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
APRIL 1995 THROUGH SEPTEMBER 1995

PROJECTED

| | | APRIL | | MAY | | JUNE | | JULY | | AUGUST | | SEPTEMBER | | TOTAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 UNIT POWER CAPACITY CHARGES | $ | 1,201,700 | $ | 1,205,200 | $ | 1,201,700 | $ | 1,205,200 | $ | 1,205,200 | $ | 1,201,700 | $ | 7,220,700 |
| 2 CAPACITY PAYMENTS TO COGENERATORS | | 931,200 | | 931,200 | | 931,200 | | 931,200 | | 931,200 | | 931,200 | | 5,587,200 |
| 3 ( UNIT POWER CAPACITY REVENUES ) | | (134,500) | | (129,700) | | (124,300) | | (126,500) | | (119,300) | | (118,500) | | (752,800) |
| 4 SYSTEM TOTAL | $ | 1,998,400 | $ | 2,006,700 | $ | 2,008,600 | $ | 2,009,900 | $ | 2,017,100 | $ | 2,014,400 | $ | 12,055,100 |
| 5 JURISDICTIONAL PERCENTAGE | | 98.28667% | | 98.28667% | | 98.28667% | | 98.28667% | | 98.28667% | | 98.28667% | | |
| 6 JURISDICTIONAL CAPACITY PAYMENTS | $ | 1,964,161 | $ | 1,972,319 | | 1,974,186 | $ | 1,975,484 | $ | 1,982,540 | $ | 1,979,887 | $ | 11,848,557 |
| 7 ACTUAL/ESTIMATED TRUE-UP FOR THE PERIOD OCTOBER 1994 - MARCH 1995 (OVER)/UNDER RECOVERY | | | | | | | | | | | | | | (1,029,732) |
| 8 TOTAL | | | | | | | | | | | | | $ | 10,818,825 |
| 9 REVENUE TAX FACTOR | | | | | | | | | | | | | | 1.00083 |
| 10 TOTAL RECOVERABLE CAPACITY PAYMENTS | | | | | | | | | | | | | $ | 10,827,805 |

CALCULATION OF JURISDICTIONAL %

| | 1993 AVG 12 CP MW | % |
|---|---|---|
| FPSC | 2,352 | 98.28667% |
| FERC | 41 | 1.71333% |
| TOTAL | 2,393 | 100.00000% |

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TAMPA ELECTRIC COMPANY
CALCULATION OF ENERGY & DEMAND ALLOCATION % BY RATE CLASS
APRIL 1995 THROUGH SEPTEMBER 1995

| RATE CLASS | (1) Percentage of Sales at Generation (%) | (2) Percentage of Demand at Generation (%) | (3) Energy Related Cost ($) | (4) Demand Related Cost ($) | (5) Total Capacity Costs ($) | (6) Projected Sales at Meter (kwh) | (7) Capacity Recovery Factor ($/kwh) |
|---|---|---|---|---|---|---|---|
| RS | 44.70% | 59.63% | 372,198 | 5,960,106 | 6,332,304 | 3,394,589,000 | 0.00187 |
| GS,TS | 6.04% | 7.43% | 50,293 | 742,639 | 792,932 | 458,307,000 | 0.00173 |
| GSD | 25.61% | 23.22% | 213,244 | 2,320,873 | 2,534,117 | 1,946,624,000 | 0.00130 |
| GSLD,SBF | 11.55% | 9.61% | 96,172 | 960,534 | 1,056,706 | 888,382,000 | 0.00119 |
| IS-1&3,SBI-1&3 | 11.30% | 0.00% | 94,090 | 0 | 94,090 | 887,032,000 | 0.00011 |
| SL/OL | 0.80% | 0.11% | 6,661 | 10,995 | 17,656 | 60,396,000 | 0.00029 |
| | | | | | 10,827,805 | | |
| TOTAL | 100.00% | 100.00% | 832,658 | 9,995,147 | 10,827,805 | 7,635,330,000 | 0.00142 |
| | | | 7.69% * | 92.31% * | | | |

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

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

| | ACTUAL OCTOBER '94 | ACTUAL NOVEMBER '94 | REVISED PROJECTION DECEMBER '94 | REVISED PROJECTION JANUARY '95 | REVISED PROJECTION FEBRUARY '95 | REVISED PROJECTION MARCH '95 | TOTAL |
|---|---|---|---|---|---|---|---|
| 1 UNIT POWER CAPACITY CHARGES | $ 1,215,179 | $ 1,215,179 | $ 830,405 | $ 1,205,200 | $ 1,194,500 | $ 1,205,200 | $ 6,865,663 |
| 2 CAPACITY PAYMENTS TO COGENERATORS | 545,270 | 545,270 | 545,270 | 729,100 | 729,100 | 729,100 | 3,823,110 |
| 3 ( UNIT POWER CAPACITY REVENUES ) | (113,397) | (116,298) | (87,191) | (156,100) | (131,400) | (143,600) | (746,986) |
| 4 TOTAL CAPACITY CHARGES - CURRENT PERIOD | $ 1,647,052 | $ 1,644,151 | $ 1,288,484 | $ 1,778,200 | $ 1,792,200 | $ 1,790,700 | $ 9,941,787 |
| 5 JURISDICTIONAL PERCENTAGE | 98.28887% | 98.28887% | 98.28887% | 98.28887% | 98.28887% | 98.28887% | - |
| 6 JURISDICTIONAL CAPACITY PAYMENTS | $ 1,618,833 | $ 1,615,981 | $ 1,266,436 | $ 1,748,716 | $ 1,761,484 | $ 1,760,019 | $ 9,771,451 |
| 7 CAPACITY COST RECOVERY REVENUES ( NET OF REVENUE TAXES ) | 1,659,867 | 1,506,800 | 1,480,487 | 1,593,479 | 1,510,018 | 1,436,380 | 9,187,031 |
| 8 PRIOR PERIOD TRUE-UP PROVISION | 267,429 | 267,429 | 267,429 | 267,429 | 267,429 | 267,427 | 1,604,572 |
| 9 CAPACITY COST RECOVERY REVENUES APPLICABLE TO CURRENT PERIOD (NET OF REVENUE TAXES) | $ 1,927,296 | $ 1,774,229 | $ 1,747,916 | $ 1,860,908 | $ 1,777,447 | $ 1,703,807 | $ 10,791,603 |
| 10 TRUE-UP PROVISION FOR MONTH - OVER/(UNDER) RECOVERY (LINE 9 - LINE 6) | $ 308,463 | $ 158,248 | $ 481,508 | $ 112,192 | $ 15,963 | $ (56,212) | $ 1,020,152 |
| 11 INTEREST PROVISION FOR MONTH | 6,844 | 6,935 | 7,896 | 8,641 | 8,243 | 6,671 | 45,230 |
| 12 TRUE-UP & INTEREST PROVISION BEGINNING OF MONTH - OVER (UNDER) RECOVERY | 1,604,572 | 1,652,250 | 1,550,004 | 1,771,979 | 1,625,583 | 1,382,350 | 1,604,572 |
| 13 DEFERRED TRUE-UP - OVER/(UNDER) RECOVERY | (35,650) | (35,650) | (35,650) | (35,650) | (35,650) | (35,650) | (35,650) |
| 14 PRIOR PERIOD TRUE-UP PROVISION COLLECTED/(REFUNDED) THIS MONTH | (267,429) | (267,429) | (267,429) | (267,429) | (267,429) | (267,427) | (1,604,572) |
| 15 END OF PERIOD TRUE-UP - OVER/(UNDER) RECOVERY (SUM OF LINES 10 - 14) | $ 1,616,800 | $ 1,514,354 | $ 1,738,329 | $ 1,589,933 | $ 1,348,700 | $ 1,020,732 | $ 1,020,732 |

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

| | ACTUAL OCTOBER '94 | ACTUAL NOVEMBER '94 | REVISED PROJECTION DECEMBER '94 | REVISED PROJECTION JANUARY '95 | REVISED PROJECTION FEBRUARY '95 | REVISED PROJECTION MARCH '95 | TOTAL |
|---|---|---|---|---|---|---|---|
| 1 BEGINNING TRUE-UP AMOUNT | 1,568,922 | 1,616,600 | 1,514,354 | 1,736,329 | 1,589,933 | 1,346,700 | N/A |
| 2 ENDING TRUE-UP AMOUNT BEFORE INTEREST | 1,609,956 | 1,507,419 | 1,728,433 | 1,581,092 | 1,338,457 | 1,023,061 | N/A |
| 3 TOTAL BEGINNING & ENDING TRUE-UP AMOUNT (LINES 1 + 2) | 3,178,878 | 3,124,019 | 3,242,787 | 3,317,421 | 2,928,390 | 2,369,761 | N/A |
| 4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3) | 1,589,439 | 1,562,010 | 1,621,394 | 1,658,711 | 1,464,195 | 1,184,881 | N/A |
| 5 INT. RATE % - FIRST DAY REP. BUS. MONTH | 5.040 | 5.000 | 5.660 | 6.030 | 6.750 | 6.750 | N/A |
| 6 INT. RATE % - FIRST DAY SUBSEQUENT MONTH | 5.000 | 5.660 | 6.030 | 6.750 | 6.750 | 6.750 | N/A |
| 7 TOTAL (LINE 5 + LINE 6) | 10.040 | 10.660 | 11.690 | 12.780 | 13.500 | 13.500 | N/A |
| 8 AVERAGE INT. RATE % (50% OF LINE 7) | 5.020 | 5.330 | 5.845 | 6.390 | 6.750 | 6.750 | N/A |
| 9 MONTHLY AVG. INT. RATE % (LINE 8/12) | 0.418 | 0.444 | 0.487 | 0.533 | 0.563 | 0.563 | N/A |
| 10 INT. PROVISION (LINE 4 X LINE 9) | $6,644 | $6,935 | $7,896 | $8,841 | $8,243 | $6,671 | $45,230 |

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# Description of Wholesale Agreements

| Service Schedule | Interchange Service Type | Description and Typical Use and Parameters |
|---|---|---|
| A | Emergency | Used to replace generation due to an unplanned deficiency (forced outage). Price is based on fuel only from the highest cost on-line generating unit at the time of the sale. The sale is limited to a 72 hour time period. |
| B | Scheduled/ Short-Term | Scheduled for short-term use to cover capacity deficiencies due to a unit outage. Is often used after the 72 hour time limitation has expired for Schedule A. Price is based on the average cost of system generation for capacity and energy. |
| C | Economy | Sold to Customers wanting to avoid use of their own higher cost generation. Is offered on an hourly basis and priced based on the mid-point between the seller's and buyer's cost of generation for incremental system energy. Customer must have its own back-up generation available. |
| D | Long-term | Normally a one-year or longer commitment to provide a specified amount of capacity and energy at a forecasted level of availability. Price carries a non-negotiable capacity charge and an incremental energy charge. The most common types of Schedule D power sales are unit power sales (UPS), station power sales (SPS) or system power sales. |
| D | Long-term (as-available) | Normally deals with interchange commitments over one year in duration. Pricing and scheduling factors are contract specific on an as-needed basis within agreed upon limits. Normally offered with less availability than the alternate Schedule D. |
| G | Back-up | Allows the Customer to provide required reserve capacity margin by contracting for it rather than building it. The Customer pays a negotiated reservation fee for this service plus a negotiated capacity and incremental energy charge when capacity is actually called upon. |
| J | Negotiated (commitment) | Normally a one-year or longer commitment to provide a specified amount of capacity and energy at a forecasted level of availability. Price carries a negotiable capacity charge and negotiable energy charge. Energy charges are based on the type of generating resource used to serve the sale. Normally offered with less availability than Schedule D. |

| Service Schedule | Interchange Service Type | Description and Typical Use and Parameters |
|---|---|---|
| J | Negotiated (as-available) | Normally deals with interchange commitments of up to one year in duration. Pricing and scheduling factors are negotiated on an as-needed basis within agreed upon limits. Normally offered with less availability than the as-available Schedule D. |
| X | Extended Economy | Similar to Schedule C, but commitment is longer than one hour. A majority of Schedule X sales are packaged within 8 hour blocks totaling up to 7 days. |
| PR | Partial Requirements | A portion of the total Customer load, or a portion of a particular delivery point(s) of one Customer, is served at the same availability as the supplier's firm retail load. Pricing is based on the supplier's net embedded cost of providing the partial requirements service to the Customer. Fuel is billed at the supplier's system average fuel cost. These agreements are normally long- term contracts extending between 10-20 years. |
| FR | Full Requirements | Total Customer load, or a particular delivery point(s) of one Customer, is served at the same availability as the supplier's firm retail load. Pricing is based on the supplier's net embedded cost of providing service to the Customer. Fuel is billed at the supplier's system average fuel cost. These agreements are normally long-term contracts extending between 10-20 years and may require resource expansion. |