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ORIGINAL
RECEIVED-FPSC
00 JAN -4 AM 11:15
RECORDS AND REPORTING

January 4, 2000

HAND DELIVERED

Ms. Blanca S. Bayo, Director
Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

000013-EI

Re: Petition of Tampa Electric Company for approval of pilot program to implement seasonal fuel factors.

Dear Ms. Bayo:

Enclosed for filing in the above-styled matter are the original and fifteen (15) copies of Tampa Electric Company's Petition for Approval of Pilot Program to Implement Seasonal Fuel Factors.

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

RECEIVED & FILED

mar

FPSC-BUREAU OF RECORDS

DOCUMENT NUMBER-DATE

00073 JAN-4 8

FPSC-RECORDS/REPORTING

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition of Tampa Electric Company for)
approval of pilot program to implement seasonal)
fuel factors.)
_____)

DOCKET NO. 000013-ET
FILED: January 4, 2000

**PETITION OF TAMPA ELECTRIC COMPANY FOR APPROVAL
OF PILOT PROGRAM TO IMPLEMENT SEASONAL FUEL FACTORS**

Tampa Electric Company ("Tampa Electric" or "the company"), by and through its undersigned counsel, hereby petitions this Commission under Chapter 366.075, Florida Statutes, for approval of a proposal to institute an experimental, optional seasonal fuel factor and says:

1. Tampa Electric is an investor-owned electric utility subject to the Commission's jurisdiction pursuant to Chapter 366, Florida Statutes. Tampa Electric serves retail customers in Hillsborough and portions of Polk, Pinellas and Pasco Counties in Florida. The company's principal offices are located at 702 North Franklin Street, Tampa, Florida 33602.

2. The persons to whom all notices and other documents should be sent in connection with this docket are:

Lee L. Willis
James D. Beasley
Ausley & McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115
(850) 222-7952 (fax)

Angela Llewellyn
Supervisor, Regulatory Coordination
Tampa Electric Company
Post Office Box 111
Tampa, FL 33601
(813) 228-1752
(813) 228-1770 (fax)

3. In response to customer requests, Tampa Electric proposes to implement an experimental, optional program which offers customers taking service under tariff schedules IS-1, IST-1 SBI-1, IS-3, IST-3 and SBI-3 the option to utilize a seasonal fuel factor in place of the current levelized annual fuel factor. Proposed new tariff sheets are provided in standard format as Exhibit "A" to this petition and a legislative format version is provided as Exhibit "B".

DOCUMENT NUMBER-DATE

00073 JAN-4 8

FPSC-RECORDS/REPORTING

4. This experimental rate is being offered to gauge customer interest in and the potential for system beneficial seasonal load shifting as a result of offering an optional, seasonally differentiated fuel factor. Typically on Tampa Electric's system, fuel costs are higher in the summer period due to increased demands for energy over longer periods of time. Non-summer period fuel costs, conversely, are lower due to less sustained demand. This pilot program seeks to align the seasonal cost of fuel with seasonal rate factors to produce a higher fuel rate during the summer months and a lower fuel rate during the non-summer months. This optional factor is designed to encourage, through price signals, those customers who are able to shift load to shift load into the non-summer season resulting in benefits to all ratepayers in terms of lower total, annual costs of generation.

5. The Company is requesting that this experimental rate offering be in effect for a twenty-four month period, at the end of which an evaluation will be submitted to the Commission showing the results of the experimental rate program with recommendations to either continue and make seasonal fuel rates a permanent option, extend the experimental period with adjustments, extend the program to additional customer classes or end the experimental program with no further action. This report will show the number of customers that subscribed to the optional seasonal rate, the impact on overall fuel costs for those customers who subscribed and for the general body of ratepayers, and also assess whether this is a viable option to continue and to extend to other tariff schedules.

6. The proposed seasonal fuel rates have been calculated based on an assessment of the total recoverable fuel expenses and total retail sales projected for the months May through August, 2000 ("Summer Months") and the months January through April, 2000 and September through December, 2000 ("Non-Summer Months"). These expenses and sales are used to calculate fuel factors for the two periods which, when applied to the projected loads for those periods, result in the same annual fuel expense as was recently approved by the Commission in Docket No. 990001. An example of these calculations are provided in Exhibit C. These factors were then input into an iterative program designed to determine which customers would

immediately benefit from seasonal fuel rates without changing seasonal load. The program then calculated the amount of total fuel revenue reduction expected. For Interruptible Service ("IS") customers, the revenue reductions are estimated to be \$440,000 for a 12 month period ended November 1999. No allowance for shifted load was projected, as that will be determined during the study. The derived seasonal rates were applied to IS customers on standard, time of day demand and standby rates. Modifications to Tampa Electric's tariff schedules were prepared (see Exhibits A and B). These modifications provide the option to interruptible service customers to subscribe to the seasonal fuel rates.

7. Tampa Electric proposes that during this 24 month experimental rate period, customers eligible to choose the seasonal fuel factor should be restricted to customers on IS rate schedules in order to assess the viability of this program. There are several reasons for restricting the experiment to this class. First, because customers on IS rates are expected to be the most likely to be capable of shifting load between seasons. Second, shifted load under this class will have no impact on reserve needs and the experiment is in part intended to measure the benefits to system fuel cost versus impact on peak demand. Finally, fuel cost is such a significant portion of these customers' total bills that the price impact resulting from the rate differential will likely be higher than other customer classes. Therefore the ability to measure and compare costs as well as any load shifts are more easily done with the IS customer class.

8. Tampa Electric believes the most effective implementation method for this optional offer is to provide an "Open Enrollment" period starting on the date of the final order approving a seasonal rate. This period will extend for at least one month after the final order until cycle one of the next following month. For example, if an order approving this program were approved March 3, 2000 the open enrollment period would begin March 3 and continue through April 30, 2000 with the seasonal rate becoming effective May 1. Likewise, if the order were approved May 3, 2000 the open enrollment period would begin May 3 and would continue through June 30 with the program becoming effective July 1, 2000. A second open enrollment period will be held at the end of the first twelve months that the seasonal rate is in effect allowing

additional customers to subscribe to the seasonal rate and allowing current customers to either re-subscribe or return to the annual levelized fuel rate. The open enrollment period will be held ten months from the implementation of the seasonal rate and will close the day before the commencement of the next twelve-month seasonal period. Once a customer chooses the seasonal rate a one-year commitment is required to assure that customers do not select seasonal pricing only during the lower period and go back on the annual average pricing rate for the higher non-summer period.

9. Communication of the optional seasonal fuel factor will occur through direct customer interactions between customers and their assigned customer representatives. Additionally, Tampa Electric will mail out information regarding the seasonal fuel rate pilot program in newsletters and in bill inserts. Customers will be informed that the rate is available and will be provided information on the enrollment period. They will also be informed that the rate is optional and that they are not required to take it. Customers who would have benefited from the rate during the prior 12 months will be informed that they would have benefited and will be provided with the estimated amount of savings they would have accrued.

10. An assessment will be performed at the beginning of each annual fuel filing during the experimental period incorporating the projected fuel expenses as well as the impacts of the seasonal factors to ensure that adverse impacts do not result from the application of the seasonal rates on the overall fuel expense or to the general body of ratepayers. The annual fuel adjustment true-up and re-projection of current period factors will include the calculation of any under-recovery which may occur as a result of the implementation of this seasonal fuel factor. Any under-recovery will be input into the calculation of the succeeding year's seasonal rate to ensure no subsidy by the general body of ratepayers.

WHEREFORE, Tampa Electric Company respectfully requests the Commission to approve experimental, seasonal fuel rates for a period of twenty-four months as described in the body of this petition.

DATED this 4th day of January, 2000.

Respectfully submitted,



LEE L. WILLIS
JAMES D. BEASLEY
Ausley & McMullen
Post Office Box 391
Tallahassee, FL 32302
(850) 224-9115

ATTORNEYS FOR TAMPA ELECTRIC COMPANY

EXHIBIT A

INDEX OF RATE SCHEDULES

<u>Schedule</u>	<u>Classification</u>	<u>Sheet No.</u>
	Additional Billing Charges	6.020
RS	Residential Service	6.030
GS	General Service - Non Demand	6.050
GSD	General Service - Demand	6.080
GSLD	General Service - Large Demand	6.085
IS-1	Industrial Interruptible Service (Closed)	6.090
IS-3	Interruptible Service	6.140
SL-2	High Pressure Sodium Street Lighting Service	6.260
OL-1	High Pressure Sodium General Outdoor Lighting Service	6.270
TS	Temporary	6.290
OL-3	Premium Outdoor Lighting Service	6.304
RST	Time-of-Day Residential (Optional)	6.310
GST	Time-of-Day General Service - Non-Demand (Optional)	6.320
GSDT	Time-of-Day General Service - Demand (Optional)	6.330
GSLDT	Time-of-Day General Service - Large Demand (Optional)	6.340
IST-1	Time-of-Day Industrial Interruptible Service (Optional)	6.350
IST-3	Time-of-Day Interruptible Service (Optional)	6.370
EV-X	Electric Vehicle - Experimental	6.500
SBF	Firm Standby And Supplemental Service	6.600
SBFT	Time-of-Day Firm Standby And Supplemental Service (Optional)	6.605
SBI-1	Industrial Interruptible Standby And Supplemental Service	6.610
SBI-3	Interruptible Standby And Supplemental Service	6.620
CISR	Commercial / Industrial Service Rider	6.700

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

PAYMENT OF BILLS: Bills for service will be rendered monthly by the Company to the customer. Payment is due when the bill is rendered, and becomes delinquent twenty (20) days after mailing or delivery to the customer. Five (5) days written notice separate from any billing will be given before discontinuing service. Payment may be made at offices or authorized collecting agencies of the Company. Care will be used to have bills properly presented to the customer, but non-receipt of the bill does not constitute release from liability for payment.

SEASONAL FUEL AND PURCHASED POWER COST RECOVERY CLAUSE: An experimental pilot program allowing some customers to choose to apply either annual fuel factors or seasonal fuel factors is available for a twenty-four month period.

ELIGIBILITY: All non residential demand customers currently taking firm or non-firm service under the Company's Tariff Schedules, IS-1, IST-1, IS-3, IST-3, SBI-1, AND SBI-3.

SUBSCRIPTION REQUIREMENTS: An open enrollment period will be held sixty days prior to the beginning of each annual season allowing eligible customers to subscribe to the seasonal fuel rate and will commit the customer to remain on the rate for a period of twelve months. The open enrollment will be held for the purpose of allowing additional customers to subscribe to the rate and will also allow existing subscribers to either continue the seasonal fuel rate or discontinue the rate and return to an annual fuel rate.

The following seasonal fuel recovery factors by rate schedule have been approved by the Commission:

	<u>RECOVERY PERIOD</u>					
	(January 2000 through December 2000)					
	¢/KWH			¢/KWH		
	<u>Fuel</u>			<u>Fuel</u>		
	<u>Seasonal Non Summer Rate</u>			<u>Seasonal Summer Rate</u>		
	<u>Standard</u>	<u>Peak</u>	<u>Off-Peak</u>	<u>Standard</u>	<u>Peak</u>	<u>Off-Peak</u>
IS-1,IST-1,IS-3,IST-3	2.131	2.966	1.789	2.403	3.151	2.046
SBI-1,SBI-3	2.131	2.966	1.789	2.403	3.151	2.046

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

Continued from Sheet No. 6.090

MINIMUM CHARGE: The customer facilities charge.

TERMS OF SERVICE: Any customer receiving service under this schedule will be required to give the Company a written notice at least 60 months prior to transfer to a non-interruptible schedule. Such notice shall be irrevocable unless the Company and the customer should mutually agree to void the notice.

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased \$0.002 for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased \$0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING LEVEL DISCOUNT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of billing demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and, 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.092

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

Continued from Sheet No. 6.091

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

OPTIONAL PROVISION: Any customer served under this schedule may elect to have the Company minimize interruptions through the procedure described below. Such election must be made in writing to the Company and shall remain in effect until such time that the Company is notified in writing that the customer no longer desires that such procedure be employed by the Company.

Procedure: During periods when the Company would otherwise interrupt customers served under this schedule, the Company will attempt to purchase sufficient energy from other systems to prevent, in whole or in part, such interruptions. The customer agrees that whenever the Company is successful in making such purchases, the customer will pay, as part of its monthly service bill, an extra charge per kilowatt-hour for each kilowatt-hour consumed during the time of such purchase. The extra charge per kilowatt-hour shall be the amount per kilowatt-hour paid to the outside source less the amount per kilowatt-hour otherwise billed under this schedule, plus 2 mills (\$0.002) per kilowatt-hour.

PENALTY CLAUSE FOR TRANSFER WITHOUT FULL NOTICE: Any Customer choosing to transfer to firm service from interruptible service without giving the full five (5) years notice shall pay a charge amounting to the difference between this rate and the applicable firm rate for the period of time immediately prior to the changeover that is equal to the period that the changeover will be less than the required notice period.

This penalty may be waived by the Company if the following two conditions can be demonstrated:

- 1) The customer has been on the IS rate for at least five (5) years.
- 2) It can be demonstrated that there is sufficient capacity to provide firm service to the customer and that allowing the customer to receive firm service will have no adverse effect on the Company's generation expansion plan.

PAYMENT OF BILLS: See Sheet No. 6.022.

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

Continued from Sheet No. 6.141

FUEL CHARGE: Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and, 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

OPTIONAL PROVISION: Any customer served under this schedule may elect to have the Company minimize interruptions through the procedure described below. Such election must be made in writing to the Company and shall remain in effect until such time that the Company is notified in writing that the customer no longer desires that such procedure be employed by the Company.

Procedure: During periods when the Company would otherwise interrupt customers served under this schedule, the Company will attempt to purchase sufficient energy from other systems to prevent, in whole or in part, such interruptions. The customer agrees that whenever the Company is successful in making such purchases, the customer will pay, as part of its monthly service bill, an extra charge per kilowatt-hour for each kilowatt-hour consumed during the time of such purchase. The extra charge per kilowatt-hour shall be the amount per kilowatt-hour paid to the outside source less the amount per kilowatt-hour otherwise billed under this schedule, plus 2 mills (\$0.002) per kilowatt-hour.

PENALTY CLAUSE FOR TRANSFER WITHOUT FULL NOTICE: The Company may permit transfer to firm service without full notice upon satisfaction of the initial term of service and upon a determination by the Company that there is sufficient capacity to provide firm service to the customer. Any customer allowed to cease taking interruptible service under this schedule without giving full notice shall pay a charge amounting to the difference between this rate and the applicable firm rate for the period of time immediately prior to the changeover that is equal to the period that the changeover will be less than the required notice period.

Continued to Sheet No. 6.143

ISSUED BY: J. B. Ramil, President **DATE EFFECTIVE:**

Continued from Sheet No. 6.351

METERING LEVEL DISCOUNT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of billing demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and, 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

OPTIONAL PROVISION: Any customer served under this schedule may elect to have the Company minimize interruptions through the procedure described below. Such election must be made in writing to the Company and shall remain in effect until such time that the Company is notified in writing that the customer no longer desires that such procedure be employed by the Company.

Procedure: During periods when the Company would otherwise interrupt customers served under this schedule, the Company will attempt to purchase sufficient energy from other systems to prevent, in whole or in part, such interruptions. The customer agrees that whenever the Company is successful in making such purchases, the customer will pay, as part of its monthly service bill, an extra charge per kilowatt-hour for each kilowatt-hour consumed during the time of such purchase. The extra charge per kilowatt-hour shall be the amount per kilowatt-hour paid to the outside source less the amount per kilowatt-hour otherwise billed under this schedule, plus 2 mills (\$0.002) per kilowatt-hour.

Continued to Sheet No. 6.353

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

Continued from Sheet No. 6.371

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased \$0.002 for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased \$0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING LEVEL DISCOUNTTY: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of billing demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and, 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

Continued to Sheet No. 6.374

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

Continued from Sheet No. 6.612

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

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METERING LEVEL DISCOUNT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charges will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of Supplemental Demand and 21¢ per KW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of Supplemental Demand and Standby Demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and, 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

Continued to Sheet No. 6.614

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

Continued from Sheet No. 6.622

MINIMUM CHARGE: The Customer Facilities Charge, Local Facilities Reservation Charge, and Bulk Transmission Reservation Charge.

TERM OF SERVICE: Any customer receiving service under this schedule will be required to give the Company written notice at least 60 months prior to transferring to a non-interruptible schedule. Such notice shall be irrevocable unless the Company and the customer should mutually agree to void the notice.

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

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ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.625

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE:

EXHIBIT B

TAMPA ELECTRIC COMPANY ~~EIGHTEENTH SEVENTEENTH~~ REVISED SHEET NO.6.010
CANCELS ~~SEVENTEENTH~~ REVISED SHEET NO.6.010
~~SIXTEENTH~~

INDEX OF RATE SCHEDULES

<u>Schedule</u>	<u>Classification</u>	<u>Sheet No.</u>
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SBI-3	Interruptible Standby And Supplemental Service	6.620
CISR	Commercial / Industrial Service Rider	6.700

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE: January 1, 1999

PAYMENT OF BILLS: Bills for service will be rendered monthly by the Company to the customer. Payment is due when the bill is rendered, and becomes delinquent twenty (20) days after mailing or delivery to the customer. Five (5) days written notice separate from any billing will be given before discontinuing service. Payment may be made at offices or authorized collecting agencies of the Company. Care will be used to have bills properly presented to the customer, but non-receipt of the bill does not constitute release from liability for payment.

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SUBSCRIPTION REQUIREMENTS: An open enrollment period will be held sixty days prior to the beginning of each annual season allowing eligible customers to subscribe to the seasonal fuel rate and will commit the customer to remain on the rate for a period of twelve months. The open enrollment will be held for the purpose of allowing additional customers to subscribe to the rate and will also allow existing subscribers to either continue the seasonal fuel rate or discontinue the rate and return to an annual fuel rate.

The following seasonal fuel recovery factors by rate schedule have been approved by the Commission:

	<u>RECOVERY PERIOD</u>					
	<u>(January 2000 through December 2000)</u>					
	<u>¢/KWH</u>			<u>¢/KWH</u>		
	<u>Fuel</u>			<u>Fuel</u>		
	<u>Seasonal Non Summer Rate</u>			<u>Seasonal Summer Rate</u>		
	<u>Standard</u>	<u>Peak</u>	<u>Off-Peak</u>	<u>Standard</u>	<u>Peak</u>	<u>Off-Peak</u>
<u>IS-1, IST-1, IS-3, IST-3</u>	<u>2.131</u>	<u>2.966</u>	<u>1.789</u>	<u>2.403</u>	<u>3.151</u>	<u>2.046</u>
<u>SBI-1, SBI-3</u>	<u>2.131</u>	<u>2.966</u>	<u>1.789</u>	<u>2.403</u>	<u>3.151</u>	<u>2.046</u>

ISSUED BY: J. B. Ramil, President

DATE EFFECTIVE: June 1, 1999

Continued from Sheet No. 6.090

MINIMUM CHARGE: The customer facilities charge.

TERMS OF SERVICE: Any customer receiving service under this schedule will be required to give the Company a written notice at least 60 months prior to transfer to a non-interruptible schedule. Such notice shall be irrevocable unless the Company and the customer should mutually agree to void the notice.

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased \$0.002 for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased \$0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING LEVEL DISCOUNT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of billing demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: ~~See Sheet Nos. 6.020 and 6.021. Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and 6.022.~~

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.092

Continued from Sheet No. 6.091

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet Nos. 6.020 and 6.021.**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.**FRANCHISE FEE CHARGE:** See Sheet No. 6.021.

OPTIONAL PROVISION: Any customer served under this schedule may elect to have the Company minimize interruptions through the procedure described below. Such election must be made in writing to the Company and shall remain in effect until such time that the Company is notified in writing that the customer no longer desires that such procedure be employed by the Company.

Procedure: During periods when the Company would otherwise interrupt customers served under this schedule, the Company will attempt to purchase sufficient energy from other systems to prevent, in whole or in part, such interruptions. The customer agrees that whenever the Company is successful in making such purchases, the customer will pay, as part of its monthly service bill, an extra charge per kilowatt-hour for each kilowatt-hour consumed during the time of such purchase. The extra charge per kilowatt-hour shall be the amount per kilowatt-hour paid to the outside source less the amount per kilowatt-hour otherwise billed under this schedule, plus 2 mills (\$0.002) per kilowatt-hour.

PENALTY CLAUSE FOR TRANSFER WITHOUT FULL NOTICE: Any Customer choosing to transfer to firm service from interruptible service without giving the full five (5) years notice shall pay a charge amounting to the difference between this rate and the applicable firm rate for the period of time immediately prior to the changeover that is equal to the period that the changeover will be less than the required notice period.

This penalty may be waived by the Company if the following two conditions can be demonstrated:

- 1) The customer has been on the IS rate for at least five (5) years.
- 2) It can be demonstrated that there is sufficient capacity to provide firm service to the customer and that allowing the customer to receive firm service will have no adverse effect on the Company's generation expansion plan.

PAYMENT OF BILLS: See Sheet No. 6.022.

Continued from Sheet No. 6.141

FUEL CHARGE: See ~~Sheet Nos. 6.020 and 6.021.~~ Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

OPTIONAL PROVISION: Any customer served under this schedule may elect to have the Company minimize interruptions through the procedure described below. Such election must be made in writing to the Company and shall remain in effect until such time that the Company is notified in writing that the customer no longer desires that such procedure be employed by the Company.

Procedure: During periods when the Company would otherwise interrupt customers served under this schedule, the Company will attempt to purchase sufficient energy from other systems to prevent, in whole or in part, such interruptions. The customer agrees that whenever the Company is successful in making such purchases, the customer will pay, as part of its monthly service bill, an extra charge per kilowatt-hour for each kilowatt-hour consumed during the time of such purchase. The extra charge per kilowatt-hour shall be the amount per kilowatt-hour paid to the outside source less the amount per kilowatt-hour otherwise billed under this schedule, plus 2 mills (\$0.002) per kilowatt-hour.

PENALTY CLAUSE FOR TRANSFER WITHOUT FULL NOTICE: The Company may permit transfer to firm service without full notice upon satisfaction of the initial term of service and upon a determination by the Company that there is sufficient capacity to provide firm service to the customer. Any customer allowed to cease taking interruptible service under this schedule without giving full notice shall pay a charge amounting to the difference between this rate and the applicable firm rate for the period of time immediately prior to the changeover that is equal to the period that the changeover will be less than the required notice period.

Continued to Sheet No. 6.143

Continued from Sheet No. 6.351

METERING LEVEL DISCOUNT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of billing demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: See Sheet Nos. ~~6.020 and 6.021~~. Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. ~~6.020, 6.021, and 6.022~~.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

OPTIONAL PROVISION: Any customer served under this schedule may elect to have the Company minimize interruptions through the procedure described below. Such election must be made in writing to the Company and shall remain in effect until such time that the Company is notified in writing that the customer no longer desires that such procedure be employed by the Company.

Procedure: During periods when the Company would otherwise interrupt customers served under this schedule, the Company will attempt to purchase sufficient energy from other systems to prevent, in whole or in part, such interruptions. The customer agrees that whenever the Company is successful in making such purchases, the customer will pay, as part of its monthly service bill, an extra charge per kilowatt-hour for each kilowatt-hour consumed during the time of such purchase. The extra charge per kilowatt-hour shall be the amount per kilowatt-hour paid to the outside source less the amount per kilowatt-hour otherwise billed under this schedule, plus 2 mills (\$0.002) per kilowatt-hour.

Continued to Sheet No. 6.353

Continued from Sheet No. 6.371

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased \$0.002 for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased \$0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING LEVEL DISCOUNTTY: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of billing demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: ~~See Sheet Nos. 6.020 and 6.021. Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and, 6.022.~~

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

Continued to Sheet No. 6.374

Continued from Sheet No. 6.612

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased \$0.002 for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased \$0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING LEVEL DISCOUNT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charges will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of Supplemental Demand and 21¢ per KW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of Supplemental Demand and Standby Demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021. Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

Continued to Sheet No. 6.614

Continued from Sheet No. 6.622

MINIMUM CHARGE: The Customer Facilities Charge, Local Facilities Reservation Charge, and Bulk Transmission Reservation Charge.

TERM OF SERVICE: Any customer receiving service under this schedule will be required to give the Company written notice at least 60 months prior to transferring to a non-interruptible schedule. Such notice shall be irrevocable unless the Company and the customer should mutually agree to void the notice.

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased \$0.002 for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased \$0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING LEVEL DISCOUNT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charges will apply.

TRANSFORMER OWNERSHIP DISCOUNT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 23¢ per KW of Supplemental Demand and 21¢ per KW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 60¢ per KW of Supplemental Demand and Standby Demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021. Fuel charges may be applied on either an annual or seasonal basis at the customer's option, subject to restriction. See Sheet Nos. 6.020, 6.021, and 6.022.

ENERGY CONSERVATION CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.625

EXHIBIT C

**FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF: MAY 2000 THRU AUGUST 2000**

	DOLLARS	MWH	cents/KWH
1. Fuel Cost of System Net Generation (E3)	\$133,794,154	6,607,772	
2. Nuclear Fuel Disposal Cost	0		
3. Coal Car Investment	0		
4. Adjustments to Fuel Cost (Ft. Meade / Wauchula Wheeling)	(16,000)		
4a. Adjustments to Fuel Cost	0		
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4a)	133,778,154	6,607,772	
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	22,380,600	589,556	
7. Energy Cost of Sch C,X Economy Purchases (Broker) (E9)	4,288,100	111,591	
8. Energy Cost of Economy Purchases (Non-Broker) (E9)	0	0	
9. Energy Cost of Sch. E Economy Purchases (E9)	0	0	
10. Capacity Cost of Sch. E Economy Purchases (E2)	0	0	
11. Energy Payments to Qualifying Facilities (E8)	3,640,100	142,222	
12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11)	30,308,800	843,369	
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)	164,086,954	7,451,141	
14. Fuel Cost of Economy Sales (E6)			
15. Gain on Economy Sales - 80% (E6)			
16. Fuel Cost of Schedule D Sales - Jurisd. (E6)			
16a. Fuel Cost of Schedule D Sales - Separated (E6)			
16b. Fuel Cost of Schedule D HPP Sales - Contract (E6)			
16c. Fuel Cost of Schedule J Sales - Jurisd. (E6)			
17. Fuel Cost of Other D Power Sales			
18. TOTAL FUEL COST AND GAINS OF POWER SALES	12,294,656	629,714	
19. Net Inadvertant Interchange			
19a. Wheeling Rec'd. less Wheeling Delv'd.			
19b. Interchange and Wheeling Losses		9,500	
20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)	151,792,298	6,811,927	
21. Net Unbilled			
22. Company Use		16,000	
23. T & D Losses		565,448	
24. System MWH Sales	151,792,298	6,230,479	
25. Wholesale MWH Sales	(4,181,777)	(171,842)	
26. Jurisdictional MWH Sales	147,610,521	6,058,637	
26a. Jurisdictional Loss Multiplier			1.00068
27. Jurisdictional MWH Sales Adjusted for Line Loss	147,710,896	6,058,637	
28. True-up **	1,222,296	6,058,637	
29. Peabody Coal Contract Buy-Out Amort. (Jurisdictionalized)	1,408,544	6,058,637	
30. Fuel Credit Differential	0		
31. Total Jurisdictional Fuel Cost (Excl. GPIF)	150,341,736	6,058,637	
32. Revenue Tax Factor			1.00072
33. Fuel Factor (Excl. GPIF) Adjusted for Taxes	150,449,982	6,058,637	
34. GPIF ** (Already Adjusted for Taxes)	(92,300)	6,058,637	
35. Fuel Factor Adjusted for Taxes Including GPIF	150,357,682	6,058,637	2.482 0.9681 2.403

FUEL ADJUSTMENT FACTOR FOR
OPTIONAL TIME-OF-DAY RATES FOR SUMMER PERIOD
TAMPA ELECTRIC COMPANY
PROJECTION FOR THE PERIOD
MAY 2000 THRU AUGUST 2000

1. COST RATIO:

$$\frac{2.926}{1.899} \text{ ON-PEAK} = 1.5408 \text{ OFF-PEAK}$$

2. SALES/GENERATION:

32.32 % ON-PEAK 67.68 % OFF-PEAK

3. FORMULA:

X = ON-PEAK

Y = OFF-PEAK

$$0.3232 \cdot X + 1.5408 Y = 2.4820 \text{ (INCLUDES TAX @ 1.00072)}$$

$$0.6768 Y = 2.4820$$

$$1.1748 Y = 2.4820$$

$$Y = 2.1127$$

$$X = 1.5408 Y$$

$$X = 1.5408 \cdot 2.1127$$

$$X = 3.2552$$

4. FUEL COST (cents/KWH)

5. FUEL FACTOR (cents/KWH NEAREST .000)

SUMMER PERIOD	
ON-PEAK	OFF-PEAK
3.2552	2.1127
3.255	2.113
0.9681 3.151	2.046

**FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF: JAN-APR 2000 AND SEPT-DEC 2000**

	DOLLARS	MWH	cents/KWH
1. Fuel Cost of System Net Generation (E3)	\$226,647,703	11,335,957	
2. Nuclear Fuel Disposal Cost	0		
3. Coal Car Investment	0		
4. Adjustments to Fuel Cost (Ft. Meade / Wauchula Wheeling)	(32,000)		
4a. Adjustments to Fuel Cost	0		
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4a)	226,615,703	11,335,957	
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	15,004,600	428,122	
7. Energy Cost of Sch C,X Economy Purchases (Broker) (E9)	4,196,600	100,463	
8. Energy Cost of Economy Purchases (Non-Broker) (E9)	0	0	
9. Energy Cost of Sch. E Economy Purchases (E9)	0	0	
10. Capacity Cost of Sch. E Economy Purchases (E2)	0	0	
11. Energy Payments to Qualifying Facilities (E8)	5,585,200	269,687	
12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11)	24,786,400	798,272	
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)	251,402,103	12,134,229	
14. Fuel Cost of Economy Sales (E6)			
15. Gain on Economy Sales - 80% (E6)			
16. Fuel Cost of Schedule D Sales - Jurisd. (E6)			
16a. Fuel Cost of Schedule D Sales - Separated (E6)			
16b. Fuel Cost of Schedule D HPP Sales - Contract (E6)			
16c. Fuel Cost of Schedule J Sales - Jurisd. (E6)			
17. Fuel Cost of Other D Power Sales			
18. TOTAL FUEL COST AND GAINS OF POWER SALES	21,079,812	1,104,552	
19. Net Inadvertant Interchange			
19a. Wheeling Rec'd. less Wheeling Delv'd.			
19b. Interchange and Wheeling Losses		16,700	
20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)	230,322,291	11,012,977	
21. Net Unbilled			
22. Company Use		32,000	
23. T & D Losses		265,745	
24. System MWH Sales	230,322,291	10,715,232	
25. Wholesale MWH Sales	(2,795,974)	(129,865)	
26. Jurisdictional MWH Sales	227,526,317	10,585,367	
26a. Jurisdictional Loss Multiplier			1.00068
27. Jurisdictional MWH Sales Adjusted for Line Loss	227,681,035	10,585,367	
28. True-up **	2,444,587	10,585,367	
29. Peabody Coal Contract Buy-Out Amort. (Jurisdictionalized)	2,862,655	10,585,367	
30. Fuel Credit Differential	0		
31. Total Jurisdictional Fuel Cost (Excl. GPIF)	232,988,277	10,585,367	
32. Revenue Tax Factor			1.00072
33. Fuel Factor (Excl. GPIF) Adjusted for Taxes	233,156,029	10,585,367	
34. GPIF * * (Already Adjusted for Taxes)	(184,601)	10,585,367	
35. Fuel Factor Adjusted for Taxes Including GPIF	232,971,428	10,585,367	2.201 0.9681 2.131

**FUEL ADJUSTMENT FACTOR FOR
 OPTIONAL TIME-OF-DAY RATES FOR WINTER PERIOD
 TAMPA ELECTRIC COMPANY
 PROJECTION FOR THE PERIOD
 JANUARY - APRIL 2000 THRU SEPTEMBER - DECEMBER 2000**

1. COST RATIO:

$$\frac{2.919}{1.760} \text{ ON-PEAK} = 1.6585 \text{ OFF-PEAK}$$

2. SALES/GENERATION:

29.04 % ON-PEAK

70.96 % OFF-PEAK

3. FORMULA:

X = ON-PEAK

Y = OFF-PEAK

0.2904 * 1.6585 Y +

0.7096 Y = 2.2010
 1.1912 Y = 2.2010
 Y = 1.8477

INCLUDES T.

X = 1.6585 Y
 X = 1.6585 * 1.8477
 X = 3.0644

4. FUEL COST (cents/KWH)

5. FUEL FACTOR (cents/KWH NEAREST .000)

WINTER PERIOD	
ON-PEAK	OFF-PEAK
3.0644	1.8477
3.064	1.848
2.966	1.789

0.9681

**FUEL AND PURCHASED POWER
COST RECOVERY CLAUSE CALCULATION
TAMPA ELECTRIC COMPANY
FOR THE PERIOD OF: JANUARY 2000 THRU DECEMBER 2000**

	DOLLARS	MWH	cents/KWH
1. Fuel Cost of System Net Generation (E3)	\$360,441,857	17,943,729	
2. Nuclear Fuel Disposal Cost	\$0		
3. Coal Car Investment	\$0		
4. Adjustments to Fuel Cost (Ft. Meade / Wauchula Wheeling)	(\$48,000)		
4a. Adjustments to Fuel Cost	\$0		
5. TOTAL COST OF GENERATED POWER (LINES 1 THROUGH 4a)	360,393,857	17,943,729	
6. Fuel Cost of Purchased Power - System (Exclusive of Economy)(E7)	\$37,385,200	1,017,678	
7. Energy Cost of Sch. C,X Economy Purchases (Broker) (E9)	\$8,484,700	212,054	
8. Energy Cost of Economy Purchases (Non-Broker) (E9)	\$0	0	
9. Energy Cost of Sch. E Economy Purchases (E9)	\$0	0	
10. Capacity Cost of Sch. E Economy Purchases (E2)	\$0	0	
11. Energy Payments to Qualifying Facilities (E8)	\$9,225,300	411,909	
12. TOTAL COST OF PURCHASED POWER (LINES 6 THROUGH 11)	55,095,200	1,641,641	
13. TOTAL AVAILABLE KWH (LINE 5 + LINE 12)	415,489,057	19,585,370	
14. Fuel Cost of Economy Sales (E6)			
15. Gain on Economy Sales - 80% (E6)			
16. Fuel Cost of Schedule D Sales - Jurisd. (E6)			
16a. Fuel Cost of Schedule D Sales - Separated (E6)			
16b. Fuel Cost of Schedule D HPP Sales - Contract (E6)			
16c. Fuel Cost of Schedule J Sales - Jurisd. (E6)			
17. Fuel Cost of Other D Power Sales			
18. TOTAL FUEL COST AND GAINS OF POWER SALES	\$33,374,468	1,734,266	
19. Net Inadvertant Interchange			
19a. Wheeling Rec'd. less Wheeling Delv'd.			
19b. Interchange and Wheeling Losses		26,200	
20. TOTAL FUEL AND NET POWER TRANSACTIONS (LINE 5 + 12 + 18 + 19)	382,114,589	17,824,904	
21. Net Unbilled			
22. Company Use		48,000	
23. T & D Losses		831,193	
24. System MWH Sales	382,114,589	16,945,711	
25. Wholesale MWH Sales	(\$6,977,751)	(301,707)	
26. Jurisdictional MWH Sales	375,136,838	16,644,004	
26a. Jurisdictional Loss Multiplier			1.00068
27. Jurisdictional MWH Sales Adjusted for Line Loss	375,391,931	16,644,004	
28. True-up **	\$3,666,883	16,644,004	
29. Peabody Coal Contract Buy-Out Amort. (Jurisdictionalized)	\$4,271,199	16,644,004	
30. Fuel Credit Differential	\$0		
31. Total Jurisdictional Fuel Cost (Excl. GPIF)	383,330,013	16,644,004	
32. Revenue Tax Factor			1.00072
33. Fuel Factor (Excl. GPIF) Adjusted for Taxes	383,606,011	16,644,004	
34. GPIF ** (Already Adjusted for Taxes)	(\$276,901)	16,644,004	
35. Fuel Factor Adjusted for Taxes Including GPIF	383,329,110	16,644,004	2.303 0.9681 2.230
36. Fuel Factor Rounded to Nearest .001 cents per KWH			
LOSS MULTIPLIER RS,GS,TS		GSD,GSLD,SBF	IS & SBI
	1.0071	1.0016	0.9681
FUEL RATE ADJ. FOR LOSSES	2.319	2.307	2.230