



ORIGINAL  
FILE COPY

# TAMPA ELECTRIC COMPANY

BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 960688-E1

TESTIMONY & EXHIBITS  
OF

MARY JO PENNINO  
HUGH W. SMITH  
DOUGLAS H. FINKE  
JEFFREY S. CHRONISTER

DOCUMENT NUMBER-DATE

06040 MAY 31 88

FPSC-RECORDS/REPORTING



# TAMPA ELECTRIC COMPANY

BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. \_\_\_\_\_

TESTIMONY  
AND EXHIBIT OF  
MARY JO PENNINO

1                                   BEFORE THE PUBLIC SERVICE COMMISSION

2                                   PREPARED DIRECT TESTIMONY

3                                   OF

4                                   MARY JO PENNINO

5  
6    **Q.**    Please state your name, address occupation and employer.

7  
8    **A.**    My name is Mary Jo Pennino. My business address is 702  
9            North Franklin Street, Tampa, Florida 33602. My title is  
10           Manager - Energy Issues and Administration. I am employed  
11           by Tampa Electric Company in the Regulatory and Business  
12           Strategy area.

13  
14   **Q.**    Please provide a brief outline of your educational  
15           background and business experience.

16  
17   **A.**    I graduated from the University of South Florida with a  
18           Bachelor of Science Degree in Chemical Engineering in 1985.  
19           Upon graduation, I began my career with Tampa Electric  
20           Company ("Tampa Electric" or "the company") as an Engineer  
21           in the Production Department. In 1991, I transferred to  
22           the Generation Planning Department where I was responsible  
23           for annual expansion planning analyses, alternative  
24           technology evaluations and several other business planning  
25           activities. In 1993, I was promoted to Administrator -

1 Wholesale and Fuel in Regulatory and Business Strategy and  
2 in 1995 to Manager - Energy Issues and Administration, also  
3 in Regulatory and Business Strategy. My present  
4 responsibilities include managing the fuel adjustment  
5 clause filings, the capacity cost recovery clause filings,  
6 and other regulatory matters associated with the Florida  
7 Public Service Commission ("FPSC" or the "Commission").  
8

9 Q. Have you previously testified before this Commission?  
10

11 A. Yes. I have provided testimony in Docket Nos. 940001-EI,  
12 950001-EI, and 960001-EI.  
13

14 Q. Do you wish to sponsor an exhibit in support of your  
15 testimony?  
16

17 A. Yes. Exhibit MJP-1 contains FPSC redlined versions of  
18 twenty-four modified tariff pages. In addition, I assisted  
19 in the preparation of Forms 42-6P and 42-7P, contained in  
20 Exhibit JSC-1, which accompanies the Prepared Direct  
21 Testimony of Jeffrey S. Chronister in this proceeding.  
22

23 Q. What is the purpose of your testimony?  
24

25 A. The purpose of my testimony is to discuss the

1           appropriateness of Tampa Electric's implementation of cost  
2           recovery under an environmental cost recovery clause  
3           ("ECRC") and to present, for Commission approval, proposed  
4           ECRC billing factors for the October 1996 through March  
5           1997 billing period. The ECRC billing factors are based on  
6           the revenue requirements identified in the exhibits of  
7           Tampa Electric witness Jeffrey S. Chronister for the  
8           environmental compliance activities identified in the  
9           testimonies of Tampa Electric witnesses Hugh W. Smith and  
10          Douglas H. Finke. My testimony also presents the  
11          methodologies used for separating costs between retail and  
12          wholesale jurisdictions and for allocating costs among  
13          retail rate classes.

14  
15       **Q.** For what environmental compliance activities is Tampa  
16       Electric now requesting cost recovery?

17  
18       **A.** Tampa Electric is requesting cost recovery for three  
19       activities which the Company has undertaken to satisfy the  
20       requirements of the Clean Air Act Amendments of 1990  
21       ("CAAA"). These activities are the Big Bend Unit 3 Flue Gas  
22       Desulfurization Integration ("BB3 FGD Integration"), Big  
23       Bend Units 1 and 2 Flue Gas Conditioning ("BB1&2 Flue Gas  
24       Conditioning") and Big Bend Unit 4 Continuous Emission  
25       Monitors ("BB4 CEMs").

- 1 Q. What is the basis for Tampa Electric's request to establish  
2 recovery of environmental costs through the ECRC?  
3
- 4 A. Section 366.8255, Florida Statutes provides that an  
5 electric utility may request recovery of prudently incurred  
6 costs associated with compliance with environmental laws or  
7 regulations. The Commission has applied this statute in  
8 the case of two other investor-owned utilities in Florida  
9 and established the ECRC as the mechanism for recovery of  
10 such costs. The Commission is currently allowing those  
11 utilities to recover environmental compliance costs through  
12 the ECRC.  
13
- 14 Q. Is Tampa Electric's proposed utilization of the ECRC  
15 consistent with the utilization of the clause by the other  
16 utilities in Florida?  
17
- 18 A. Yes. Both Gulf Power Company ("Gulf Power" or "GPC") and  
19 Florida Power & Light ("FP&L") have had ECRC factors in  
20 effect since 1994. FPSC Order Nos. PSC-93-1580-FOF-EI  
21 dated October 29, 1993 and PSC-94-0393-FOF-EI dated April  
22 6, 1994 established ECRC recovery for FP&L for billing  
23 factors effective April 1994 through September 1994. FPSC  
24 No. PSC-94-0044-FOF-EI ("Order 94-0044") dated January 12,  
25 1994 established ECRC recovery for GPC for billing factors

1 effective February 1994 through September 1994. The  
2 administration of the ECRC and the establishment of new  
3 factors has been handled since then in Docket Nos. 940042-  
4 EI, 950007-EI and 960007-EI. Tampa Electric's request for  
5 establishment of recovery through the clause and  
6 determination of billing factors is consistent with the  
7 treatment afforded these other utilities.

8  
9 **Q.** What precedents has the Commission established in its prior  
10 review of the ECRC?

11  
12 **A.** In approving Gulf Power's request in Order No. 94-0044, the  
13 Commission required environmental costs and activities meet  
14 the following three criteria in order to be eligible for  
15 recovery:

- 16  
17 1. Such costs were prudently incurred after April 13,  
18 1993;
- 19 2. The activity is legally required to comply with a  
20 governmentally imposed environmental regulation  
21 enacted, became effective, or whose effect was  
22 triggered after the company's last test year upon  
23 which rates are based; and,
- 24 3. Such costs are not recovered through some other cost  
25 recovery mechanism or through base rates.

1 Q. Are the costs associated with the three identified  
2 environmental compliance activities appropriate for  
3 recovery through the ECRC?  
4

5 A. Yes. The revenue requirements associated with these  
6 activities are appropriate for recovery through the ECRC  
7 because they satisfy the three criteria identified in the  
8 policy the Commission established when approving GPC's  
9 initial ECRC in Order No. 94-0044. First, the requested  
10 costs were prudently incurred after April 13, 1993. In  
11 addition, Tampa Electric is legally required to comply with  
12 the CAAA requirements. Finally, the expenses requested for  
13 recovery are not being recovered through base rates nor  
14 through any other recovery mechanism.  
15

16 The three CAAA projects identified for recovery were not  
17 among the compliance activities that were used as the basis  
18 for setting base rates in Tampa Electric's last rate case,  
19 Docket No. 920324 - EI in 1992. At the time of the rate  
20 case, compliance activities for Phase I of the CAAA  
21 consisted only of fuel blending with low sulfur coals and  
22 allowance purchases. In addition, Tampa Electric is only  
23 requesting recovery of costs associated with these projects  
24 on a prospective basis beginning June 1, 1996 and,  
25 therefore, do not include any costs prior to April 13,



1 1993.

2

3 **Q.** Are there additional requirements or preclusions identified  
4 in Section 366.8255, Florida Statutes that must be  
5 considered before environmental compliance costs can be  
6 recovered through the ECRC?

7

8 **A.** Yes. Section 366.8255, Florida Statutes states that the  
9 recovery factor must be set at least annually, that the  
10 projected costs must be subject to a true-up mechanism in  
11 a manner similar to the other clauses, and that the  
12 environmental compliance costs must be allocated to rate  
13 classes in a manner consistent with the last rate case.

14

15 **Q.** Does Tampa Electric's requested recovery of projected costs  
16 for the identified environmental compliance activities  
17 satisfy these additional requirements established by  
18 Section 366.8255, Florida Statutes?

19

20 **A.** Yes, it does. Tampa Electric intends to set its  
21 environmental cost recovery factor biannually. An  
22 environmental cost recovery factor will be established for  
23 a six month period based on projected sales and cost data.  
24 The cycle of true-ups and projections will continue on a  
25 six month cycle in conjunction with the fuel adjustment

1 hearings and will be based on the true-up methodology  
2 established for the other clauses. In addition,  
3 environmental compliance costs will be allocated to rate  
4 classes in a manner consistent with the last rate case and  
5 Commission precedent as discussed later in my testimony.  
6

7 **Q.** Why hasn't Tampa Electric requested permission to recover  
8 environmental compliance costs through the ECRC prior to  
9 this filing?  
10

11 **A.** The environmental activities for which Tampa Electric is  
12 seeking recovery are activities associated with compliance  
13 with Phase I of the CAAA which became effective January 1,  
14 1995. Initially, Tampa Electric's plans for Phase I  
15 compliance primarily consisted of fuel blending with low  
16 sulfur coals and the utilization of sulfur dioxide  
17 allowances. That plan placed the majority of the expense  
18 for compliance in fuel costs which are recovered through  
19 the Fuel and Purchased Power Cost Recovery Clause.  
20 Projects that required capital investment were evaluated  
21 but were not the most cost-effective alternatives given the  
22 information that was available at the time.  
23

24 **Q.** Why is it necessary for Tampa Electric to seek recovery  
25 through the ECRC at this time?

1   **A.**   The need to seek recovery of expenses through the ECRC is  
2           primarily due to the significant costs associated with the  
3           BB3 FGD Integration project. Tampa Electric has taken  
4           advantage of a unique opportunity to reduce the overall  
5           cost of complying with the CAAA requirements. This  
6           opportunity involves the use of the existing FGD capacity  
7           of Big Bend Unit 4 to scrub the flue gas from Big Bend Unit  
8           3. The project was identified, engineered and implemented  
9           during 1994 and 1995. Based on experience with the Big  
10          Bend Unit 4 FGD system, Tampa Electric engineers determined  
11          that it would be feasible to integrate the flue gas from  
12          Big Bend Unit 3 into the Big Bend Unit 4 FGD system and  
13          realize 95% SO<sub>2</sub> removal for Big Bend Unit 3 with an  
14          investment of approximately \$8 million.

15  
16          While the fuel savings associated with this project far  
17          exceed the associated costs, the cost are significant and  
18          cannot be recovered through the fuel clause. Thus, it is  
19          necessary at this time for Tampa Electric to seek recovery  
20          of the capital and O&M revenue requirements associated with  
21          this investment.

22  
23   **Q.**   Please describe the benefits associated with the BB3 FGD  
24          Integration project?

25

1   **A.**   The BB3 FGD Integration project will provide significantly  
2           lower compliance costs for Phase I than could have been  
3           obtained through fuel blending and purchasing allowances.  
4           Tampa Electric ratepayers will already have received  
5           approximately \$15 million in fuel savings through May 1996  
6           through the Fuel and Purchased Power Cost Recovery Clause  
7           due to the completion of the integration project in June of  
8           1995. It is anticipated that the total fuel savings during  
9           the remainder of CAAA Phase I will exceed \$50 million due  
10          to the BB3 FGD Integration project.

11  
12   **Q.**   Is Tampa Electric seeking to recover any revenue  
13          requirements it has already incurred as a result of any of  
14          the three activities for which it is seeking recovery?

15  
16   **A.**   No. Although some of the carrying costs and O&M  
17          expenditures associated with these projects have already  
18          been incurred, Tampa Electric is requesting recovery of the  
19          revenue requirements associated with the identified  
20          environmental compliance activities on a prospective basis  
21          only. This is consistent with Order Nos. PSC-96-0670-S-EI  
22          and PSC-94-1207-FOF-EI.

23  
24   **Q.**   For what period is Tampa Electric requesting recovery of  
25          projected environmental compliance costs?

- 1   **A.** Tampa Electric is requesting recovery of carrying costs for  
2   capital investment and projected O&M expenses for the  
3   period June 1996 through March 1997. This is consistent  
4   with Commission Order No. 94-0044. In that docket, Gulf  
5   Power filed a petition requesting recovery of environmental  
6   compliance costs on June 22, 1993 and was granted recovery  
7   for costs incurred beginning July 1993. Tampa Electric is  
8   seeking similar treatment by filing on May 31, 1996 for  
9   recovery of costs incurred beginning in June 1996.  
10
- 11   **Q.** Over what time period is Tampa Electric requesting rates be  
12   made effective for recovery of the environmental compliance  
13   costs incurred in the period June 1996 through March 1997?  
14
- 15   **A.** Tampa Electric proposes that environmental compliance costs  
16   incurred in the period June 1996 through March 1997 be  
17   recovered in the period October 1996 through March 1997.  
18   The environmental cost recovery factor would be applied to  
19   usage covered in the first billing cycle after October 1,  
20   1996 and would be in effect for the next six months  
21   coincident with adjustments to Tampa Electric's fuel cost  
22   recovery clause and capacity cost recovery clause. GPC and  
23   FP&L will also update their ECRC factors October 1, 1996 in  
24   Docket No. 960007-EI as part of the biannual fuel  
25   adjustment hearing in August 1996.

- 1 Q. Why has Tampa Electric chosen a six month recovery period?  
2
- 3 A. The six month recovery period is consistent with the  
4 recovery periods established by both GPC and FP&L and would  
5 also be coincident with the biannual fuel adjustment  
6 filings. At some point, Tampa Electric or the Commission  
7 may determine that a twelve month period would be more  
8 appropriate. However, until additional experience is  
9 gained, a six month recovery period appears to be the most  
10 prudent choice.  
11
- 12 Q. How do you propose that the Commission administer the  
13 environmental clause on an on-going basis?  
14
- 15 A. Following the establishment of initial environmental cost  
16 recovery factors, Tampa Electric proposes that the on-going  
17 administration of this clause be handled directly in the  
18 biannual environmental cost recovery hearings held in  
19 conjunction with the biannual fuel hearings as is the case  
20 with Gulf Power and FP&L.  
21
- 22 Q. Please describe how environmental compliance costs have  
23 been classified as either energy related or demand related  
24 costs.  
25

1 A. The Commission has directed in Order No. 94-0044 that  
2 "costs required for compliance with the Clean Air Act  
3 Amendments of 1990 (CAAA) shall be allocated to the rate  
4 classes on an per kilowatt hour, or energy basis".  
5 Therefore, Tampa Electric is proposing to classify and  
6 allocate all costs for the three proposed projects on an  
7 energy basis. Additionally, this treatment is consistent  
8 with the treatment of the Big Bend Unit 4 Flue Gas  
9 Desulfurization system ordered in Tampa Electric's last  
10 rate case, Docket No. 920324-EI.

11

12 Q. How are the revenue requirements separated between  
13 wholesale and retail jurisdictions?

14

15 A. The revenue requirements for projects associated with CAAA  
16 compliance will be separated according to the ratio of  
17 retail sales, adjusted for losses, to total sales  
18 (wholesale plus retail), adjusted for losses.

19

20 Q. What is the proposed energy related jurisdictional  
21 separation factor for the period October 1996 through March  
22 1997?

23

24 A. The energy related retail separation factor for the period  
25 October 1996 through March 1997 is 0.9640532.

- 1 Q. What type of wholesale sales are considered in the  
2 calculation of the separation factor?  
3
- 4 A. All wholesale sales of the type that were separated based  
5 on the requirements of the Commission's order in Tampa  
6 Electric's last rate case, Order No. PSC-96-0165-FOF-EI,  
7 Docket No. 920324-EI, are included in the computation of  
8 the separation factor.  
9
- 10 Q. Have you prepared tariff sheets that include the  
11 environmental cost recovery charge?  
12
- 13 A. Yes. Exhibit MJP-1 contains an FPSC redlined version of  
14 the modified tariff pages 4.050, 6.021, 6.022, 6.031,  
15 6.051, 6.081, 6.086, 6.091, 6.142, 6.262, 6.271, 6.290,  
16 6.306, 6.311, 6.321, 6.332, 6.342, 6.35?, 6.372, 6.502,  
17 6.603, 6.608, 6.613 and 6.623. Tariff page 6.020 will be  
18 modified as part of the biannual fuel clause hearing in  
19 August.  
20
- 21 Q. What are the ECRC billing factor rates for which you are  
22 seeking approval?  
23
- 24 A. The computation of the billing factors is shown on Form 42-  
25 7P in the exhibit of Jeffrey S. Chronister. In summary the



1 billing factors are:

2

3	Rate Class	Factor (cents per kwh)
4	RS, RST	0.0408
5	GS, GST, TS	0.0408
6	GSD, GSDT	0.0407
7	GSLD, GSLDT, SBF	0.0401
8	IS1, IST1, SBI1, SBIT1,	
9	IS3, IST3, SBI3, SBIT3	0.0393
10	SL, OL	0.0617

11

12 Q. How will the environmental cost recovery charge be shown on  
13 the customer's bill?

14

15 A. The environmental cost recovery charge will be included as  
16 an undifferentiated amount in the non-fuel energy charge  
17 listed on the customer's bill. This line contains two  
18 other non-fuel retail clauses; Purchased Power Capacity  
19 Cost Recovery Clause and Energy Conservation Cost Recovery  
20 Clause.

21

22 Q. What is the monthly amount related to environmental  
23 compliance costs recovered through this factor that will be  
24 included on a residential customer's bill for 1,000 kWh?

25

1 A. The environmental compliance costs recovered through the  
2 ECRC from a residential customer who uses 1,000 kWh per  
3 month will be \$0.41 per month for the period October 1996  
4 through March 1997.

5  
6 Q. Please summarize your testimony.

7  
8 A. Section 366.8255, Florida Statutes provides that an  
9 electric utility may request recovery of prudently incurred  
10 costs associated with compliance with environmental laws or  
11 regulations so long as the costs are not being recovered in  
12 base rates and were incurred after April 13, 1993. Tampa  
13 Electric has incurred major expenses subsequent to April  
14 13, 1993 associated with compliance under the Clean Air Act  
15 Amendments of 1990 that are not currently being recovered  
16 through any recovery mechanism including base rates. These  
17 expenses were required to satisfy governmentally imposed  
18 environmental regulations and meet the criteria for being  
19 eligible for recovery per Commission orders for other  
20 utilities requesting similar recovery. Tampa Electric  
21 customers are already receiving benefits associated with  
22 one of the three identified projects, the BB3 FGD  
23 Integration project, through the fuel adjustment clause,  
24 but are not covering the revenue requirement associated  
25 with the investment required to realize those benefits.

1 The BB3 FGD Integration project will provide approximately  
2 \$50 million in fuel savings to our customers over the next  
3 five years compared to the next best alternative for CAAA  
4 compliance. Tampa Electric requests approval from the  
5 Commission to recover the revenue requirements associated  
6 with the BB3 FGD Integration project along with the revenue  
7 requirements associated with the other CAAA compliance  
8 projects, the BB1&2 Flue Gas Conditioning and the BB4 CEMs,  
9 through the ECRC beginning in October 1996 for expenses  
10 incurred starting June 1, 1996.

11  
12 Q. Does this conclude your testimony?

13  
14 A. Yes, it does.  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24  
25

**TAMPA ELECTRIC COMPANY  
DOCKET NO. \_\_\_\_\_  
SUBMITTED FOR FILING 5/31/96**

**EXHIBIT NO. \_\_\_\_\_ (MJP-1)**

**OF**

**MARY JO PENNINO**

**TABLE OF CONTENTS**

**PAGE**

**Document No. 1**

**Revised Tariff Sheets**

**1**

TAMPA ELECTRIC COMPANY

FIRSTSECOND REVISED SHEET NO. 4.050  
CANCELS ORIGINALFIRST REVISED SHEET NO. 4.050

**Easement**

A privately owned parcel of land which is dedicated by the owner for the primary purpose of installing, maintaining and replacing Company facilities.

**Electrical Contractor**

A person responsible for the construction or maintenance of the customer's electrical facilities.

**Electrode**

Conductor(s) designed to effect a grounding system.

**Energy Conservation Charge**

The charge established to recover the cost incurred for approved conservation programs.

**Environmental Cost Recovery Charge**

The charge established to recover approved environmental compliance costs.

**Estimated Net Salvage Value**

An estimate of the salvage value of a specific set of existing electric facilities less the costs associated with removing and disposing of the facilities.

**Estimated Remaining Net Book Value**

An estimate of the original cost less accumulated depreciation of a specific set of existing electric facilities.

**Finished Grade**

The final grading level of the earth around a building or structure.

**Flat Rate**

A rate for electricity that has such constant or predictive use that metering is normally unnecessary for billing purposes.

**Flicker**

The momentary variation of voltage level caused by on/off switching of a load on a circuit.

**Franchise Fee Charge**

That fee charged to recover the cost incurred for doing business in a Franchised area.

**Frequency**

The number of alternating current cycles in one second (normally 60).

**Fuel Charge**

That charge established to recover the total fuel and purchased power cost.

TAMPA ELECTRIC COMPANY

TWENTY-FIRSTSECOND REVISED SHEET NO. 6.021  
CANCELS TWENTIETH TWENTY-FIRST REVISED SHEET NO. 6.021

Continued from Sheet No. 6.020

**CAPACITY COST RECOVERY CLAUSE**

In accordance with Commission Order No. 25773, Docket No. 910794-EQ, issued February 24, 1992, the capacity cost recovery factors shall be applied to each kilowatt-hour delivered.

**ENVIRONMENTAL COST RECOVERY CLAUSE**

In accordance with Commission Order No. , Docket No. , issued , the environmental cost recovery factors shall be applied to each kilowatt-hour delivered.

**FLORIDA GROSS RECEIPTS TAX**

In accordance with Section 203.01 of the Florida Statutes, a factor of 2.5641% is applicable to electric sales charges for collection of the state gross receipts tax.

**FRANCHISE FEE ADJUSTMENT**

Customers taking service within franchised areas shall pay a franchise fee adjustment in the form of a percentage to be added to their bills prior to the application of any appropriate taxes. This percentage shall reflect the Customers' pro rata share of the amount the Company is required to pay under the franchise agreement with the specific governmental body in which the customer is located, plus the appropriate gross receipts taxes and regulatory assessment fees resulting from such additional revenue.

Continued to Sheet No. 6.022

TAMPA ELECTRIC COMPANY

FIRST REVISED SHEET NO. 6.022  
CANCELS ORIGINAL SHEET NO. 6.022

Continued from Sheet No. 6.021

**FRANCHISE FEE ADJUSTMENT**

~~Customers taking service within franchised areas shall pay a franchise fee adjustment in the form of a percentage to be added to their bills prior to the application of any appropriate taxes. This percentage shall reflect the Customers' pro rata share of the amount the Company is required to pay under the franchise agreement with the specific governmental body in which the customer is located, plus the appropriate gross receipts taxes and regulatory assessment fees resulting from such additional revenue.~~

Reserved For Future Use

TAMPA ELECTRIC COMPANY

FIFTHSIXTH REVISED SHEET NO. 6.031  
CANCELS FOURTHFIFTH REVISED SHEET NO. 6.031

Continued from Sheet No. 6.030

FUEL CHARGE: See Sheet No. 6.020.

ENERGY CONSERVATION CHARGE: See Sheet No. 6.020.

CAPACITY CHARGE: See Sheet No. 6.020 and 6.021.

~~ENVIRONMENTAL COST RECOVERY CHARGE~~: See Sheet No. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.0221.

PAYMENT OF BILLS: See Sheet No. 6.025.



SIXTEENTHSEVENTEENTH REVISED SHEET NO. 6.051  
TAMPA ELECTRIC COMPANY CANCELS FIFTEENTHSIXTEENTH REVISED SHEET NO. 6.051

Continued from Sheet No. 6.050

ENERGY CONSERVATION CHARGE: See Sheet No. 6.020.

CAPACITY CHARGE: See Sheet No. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet No. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.0221.

PAYMENT OF BILLS: See Sheet No. 6.025.

## TAMPA ELECTRIC COMPANY

TENTHELEVENTH REVISED SHEET NO. 6.081  
CANCELS NINTHTENTH REVISED SHEET NO. 6.081

Continued from Sheet No. 6.080

**MINIMUM CHARGE:** The customer facilities charge.

**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.

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

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% of the energy and demand charge will apply.

**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all primary voltage to secondary voltage line transformation from a primary voltage distribution feeder, a discount of 36¢ per KW of billing demand will apply.

When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 59¢ 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

TENTHELEVENTH REVISED SHEET NO. 6.086  
CANCELS NINTHTENTH REVISED SHEET NO. 6.086

Continued from Sheet No. 6.085

**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 primary voltage, a discount of 1% of the energy and demand charge will apply.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% of the energy and demand charge will apply.

**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all primary voltage to secondary voltage line transformation from a primary voltage distribution feeder, a discount of 36¢ per KW of billing demand will apply.

When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 59¢ 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

TENTHELEVENTH REVISED SHEET NO. 6.091  
CANCELS NINTHTENTH REVISED SHEET NO. 6.091

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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

Continued to Sheet No. 6.092

TAMPA ELECTRIC COMPANY

FIFTHSIXTH REVISED SHEET NO. 6.142  
CANCELS FOURTHFIFTH REVISED SHEET NO. 6.142

Continued from Sheet No. 6.141

**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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**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.

Continued to Sheet No. 6.143

TAMPA ELECTRIC COMPANY

NINETEENTHTWENTIETH REVISED SHEET NO. 6.262  
CANCELS EIGHTEENTHNINETEENTH REVISED SHEET NO. 6.262

Continued from Sheet No. 6.261

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020. Kilowatt-hours for the energy conservation charge shall be determined by the above table.

**CAPACITY CHARGE:** See Sheet No. 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**SPECIAL CONDITIONS:** On customer-owned public street and highway lighting systems not subject to other rate schedules, the monthly rate for energy served at primary or secondary voltage, at the Company's option, shall be 2.077¢/kWh of estimated or metered usage, at the Company's option, plus the applicable additional charges as specified on Sheet Nos. 6.020, 6.021, and 6.022.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

**SPECIAL PROVISIONS:** The Customer shall be responsible for the cost incurred to repair or replace any facility which has been vandalized.

**TAMPA ELECTRIC COMPANY SEVENTEENTHEIGHTEENTH REVISED SHEET NO. 6.271  
 CANCELS SIXTEENTHSEVENTEENTH REVISED SHEET NO. 6.271**

Continued from Sheet No. 6.270

**Pole/Wire Charge:**

<u>Pole/Wire Type</u>	<u>Pole/Wire Charge</u>
Set Wood Pole - Overhead Wire, 30 ft	\$ 2.76
Set Wood Pole - Overhead Wire, 30 ft (Inaccessible)	5.98
Set Wood Pole - Overhead Wire, 35 ft	3.09
Set Concrete Pole - Overhead Wire	5.38
Existing Pole - Underground Wire	5.01
Set Concrete Pole - Underground Wire (A)	11.09
Set Concrete Pole - Underground Wire (B)	14.95
Set Concrete Pole - Underground Wire (C)	22.44
Decorative Post Top Pole - Underground Wire (H)	7.07
Decorative Post Top Pole - Underground Wire (I)	7.07

**Energy Charge:**

2.077¢ per kWh times the kWh per month as shown in the table below.

<u>Lumens</u>	<u>Lamp Size</u>	<u>Timed Service kWh Per Months</u>	<u>Dusk to Dawn kWh Per Month</u>
4,000	50 Watts	10	20
6,300	70 Watts	14	29
9,500	100 Watts	25	51
16,000	150 Watts	35	70
28,500	250 Watts	55	110
50,000	400 Watts	85	170

**ADDITIONAL CHARGE:** Whenever pavement must be removed and replaced in order to install the underground cable the customer will bear the additional cost and will be charged a contribution-in-aid of construction.

**MINIMUM CHARGE:** The monthly charge.

**FUEL CHARGE:** Fuel charges are adjusted biannually by the Florida Public Service Commission, normally in April and October. The current fuel charge included in this Tariff is shown on Sheet No. 6.020. Kilowatt-hours for the fuel charge shall be determined by the above table:

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020. Kilowatt-hours for the energy conservation charge shall be determined by the above table.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

Continued to Sheet No. 6.272

**TAMPA ELECTRIC COMPANY SEVENTEENTHEIGHTEENTH REVISED SHEET NO. 6.290  
CANCELS SIXTEENTHSEVENTEENTH REVISED SHEET NO. 6.290****TEMPORARY SERVICE**

**SCHEDULE:** TS

**RATE CODE:** 050.

**AVAILABLE:** Entire service area.

**APPLICABLE:** Single phase temporary service.

**LIMITATION OF SERVICE:** Service is limited to a maximum of 70 amperes at 240 volts. Larger services and three phase service entrances must be served under the appropriate rate schedule, plus the cost of installing and removing the temporary facilities required.

**MONTHLY RATE:**

**Customer Facilities Charge:**  
\$8.50

**Energy and Demand Charge:**  
4.342¢ per KWH.

**Fuel Charge:**

Fuel charges are adjusted biannually by the Florida Public Service Commission, normally in April and October. The current fuel charge included in this tariff is shown on Sheet No. 6.020.

**MINIMUM CHARGE:** The customer facilities charge

**FUEL CHARGE:** See Sheet No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**MISCELLANEOUS:** See "Temporary Service", Sheet No. 5.480 for details on this service and requirements to pay cost of installing and removing facilities.

**NOTE:** An initial charge of \$115.00 shall be paid upon application to cover the cost of installing and removing the temporary service.

**PAYMENT OF BILLS:** See Sheet No. 6.025.



TAMPA ELECTRIC COMPANY

SIXTHSEVENTH REVISED SHEET NO. 6.306  
CANCELS FIFTHSIXTH REVISED SHEET NO. 6.306

Continued from Sheet No. 6.305

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020. Kilowatt-hours for the energy conservation charge shall be determined by the above table.

**CAPACITY CHARGE:** See Sheet No. 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

**SPECIAL PROVISIONS:** The Customer shall be responsible for the cost incurred to repair or replace any facility which has been vandalized.

Should a customer choose the Timed Service option, the customer shall pay \$700 for the timer plus all associated costs. If the timer is at any time damaged as a result of natural or willful causes, the customer shall pay \$275 for the cost of replacing the timer or the actual cost of repair, whichever is less.

The company will change, at the customer's request, the timer settings up to 2 times during the first 24 month period of service. Any subsequent requests will result in a charge of \$40 to recover the labor and vehicle costs associated with changing the timer settings.

**TAMPA ELECTRIC COMPANY****TENTHELEVENTH REVISED SHEET NO. 6.311  
CANCELS NINTHTENTH REVISED SHEET NO. 6.311**

Continued from Sheet No. 6.310

**DEFINITIONS OF THE USE PERIODS:** All time periods stated in clock time. (Meters are programmed to automatically adjust for changes from standard to daylight saving time and vice-versa.)

	<u>April 1 - October 31</u>	<u>November 1 - March 31</u>
Peak Hours:	12:00 Noon - 9:00 PM	6:00 AM - 10:00 AM
(Monday-Friday)		and
		6:00 PM - 10:00 PM

Off-Peak Hours: All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.

**MINIMUM CHARGE:** The customer facilities charge.

**CUSTOMER FACILITIES CHARGE CREDIT:** Any customer who makes a one time contribution in aid of construction of \$175.00 (lump-sum meter payment), shall receive a credit of \$3.00 per month. This contribution in aid of construction will be subject to a partial refund if the customer terminates service on this optional time-of-day rate.

**TERMS OF SERVICE:** A customer electing this optional rate shall have the right to transfer to the standard applicable rate at any time without additional charge for such transaction, except that any customer who requests this optional rate for the second time on the same premises will be required to sign a contract to remain on this rate for at least one (1) year.

**FUEL CHARGE:** See Sheet No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

TENTHELEVENTH REVISED SHEET NO. 6.321  
CANCELS NINTHTENTH REVISED SHEET NO. 6.321

Continued from Sheet No. 6.320

**MINIMUM CHARGE:** The customer facilities charge.

**CUSTOMER FACILITIES CHARGE CREDIT:** Any customer who makes a one time contribution in aid of construction of \$175.00 (lump-sum meter payment), shall receive a credit of \$3.00 per month. This contribution in aid of construction will be subject to a partial refund if the customer terminates service on this optional time-of-day rate.

**TERMS OF SERVICE:** A customer electing this optional rate shall have the right to transfer to the standard applicable rate at any time without additional charge for such transaction, except that any customer who requests this optional rate for the second time on the same premises will be required to sign a contract to remain on this rate for at least one (1) year.

**FUEL CHARGE:** See Sheet No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

TENTHELEVENTH REVISED SHEET NO. 6.332  
CANCELS NINTHTENTH REVISED SHEET NO. 6.332

Continued from Sheet No. 6.331

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

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% of the energy and demand charge will apply.

**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all primary voltage to secondary voltage line transformation from a primary voltage distribution feeder, a discount of 36¢ per KW of billing demand will apply.

When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 59¢ 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

TENTHELEVENTH REVISED SHEET NO. 6.342  
CANCELS NINTHTENTH REVISED SHEET NO. 6.342

Continued from Sheet No. 6.341

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

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% of the energy and demand charge will apply.

**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all primary voltage to secondary voltage line transformation from a primary voltage distribution feeder, a discount of 36¢ per KW of billing demand will apply.

When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 59¢ per KW of billing demand will apply.

**EMERGENCY RELAY POWER SUPPLY CHARGE:** The monthly charge for emergency relay power 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

ELEVENTHTWELFTH REVISED SHEET NO. 6.352  
CANCELS TENTHELEVENTH REVISED SHEET NO. 6.352

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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**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

TAMPA ELECTRIC COMPANY

FIFTHSIXTH REVISED SHEET NO. 6.372  
CANCELS FOURTHFIFTH REVISED SHEET NO. 6.372

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 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

Continued to Sheet No. 6.374

TAMPA ELECTRIC COMPANY

FIRST SECOND REVISED SHEET NO. 6.502  
CANCELS ORIGINAL FIRST REVISED SHEET NO. 6.502

Continued from Sheet No. 6.501

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

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% of the energy and demand charge will apply.

**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all primary voltage to secondary voltage line transformation from a primary voltage distribution feeder, a discount of 36¢ per KW of peak billing demand will apply.

When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 59¢ per KW of peak billing demand will apply.

**EMERGENCY RELAY POWER SUPPLY CHARGE:** The monthly charge for emergency relay power supply service shall be 60¢ per KW of peak 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.



## TAMPA ELECTRIC COMPANY

FIFTHSIXTH REVISED SHEET NO. 6.603  
CANCELS FOURTHFIFTH REVISED SHEET NO. 6.603

Continued from Sheet No. 6.602

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

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% of the energy and demand charges will apply.

**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all primary voltage to secondary voltage line transformation from a primary voltage distribution feeder, a discount of 36¢ per KW of Supplemental Demand and 28¢ per KW of Standby Demand will apply.

When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 59¢ per KW of Supplemental Demand and 46¢ 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

SECONDTHIRD REVISED SHEET NO. 6.608  
CANCELS FIRSTSECOND REVISED SHEET NO. 6.608

Continued from Sheet No. 6.607

**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 primary voltage, a discount of 1% of the energy and demand charges will apply.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% of the energy and demand charges will apply.

**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all primary voltage to secondary voltage line transformation from a primary voltage distribution feeder, a discount of 36¢ per KW of Supplemental Demand and 28¢ per KW of Standby Demand will apply.

When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 59¢ per KW of Supplemental Demand and 46¢ 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**PAYMENT OF BILLS:** See Sheet No. 6.025.

TAMPA ELECTRIC COMPANY

FIFTHSIXTH REVISED SHEET NO. 6.613  
CANCELS FOURTHFIFTH REVISED SHEET NO. 6.613

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 20¢ 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.

**FRANCHISE FEE CHARGE:** See Sheet No. 6.0221.

**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.

Continued to Sheet No. 6.14

## TAMPA ELECTRIC COMPANY

SIXTHSEVENTH REVISED SHEET NO. 6.623  
CANCELS FIFTHSIXTH REVISED SHEET NO. 6.623

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 20¢ 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 No. 6.020.

**ENERGY CONSERVATION CHARGE:** See Sheet No. 6.020.

**CAPACITY CHARGE:** See Sheet No. 6.020 and 6.021.

**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet No. 6.020 and 6.021.

Continued to Sheet No. 6.625