State of Florida



Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD TALLAHASSEE, FLORIDA 32399-0850

-M-E-M-O-R-A-N-D-U-M-

DATE: October 22, 2020

TO: Office of Commission Clerk (Teitzman)

FROM: Division of Engineering (Phillips)

Division of Accounting and Finance (Higgins)

Division of Economics (Coston, Forrest)

Office of the General Counsel (Stiller, Trierweiler)

RE: Docket No. 20200064-EI – Petition for a limited proceeding to approve fourth

SoBRA, by Tampa Electric Company.

AGENDA: 11/03/20 – Regular Agenda – Tariff Filing – Interested Persons May Participate

COMMISSIONERS ASSIGNED: All Commissioners

PREHEARING OFFICER: Polmann

CRITICAL DATES: 60-day suspension date has been waived by the utility

SPECIAL INSTRUCTIONS: None

Case Background

By Order No. PSC-2017-0456-S-EI, issued on November 27, 2017, the Florida Public Service Commission (Commission) approved Tampa Electric Company's (TECO or Company) Amended and Restated Stipulation and Settlement Agreement (2017 Settlement). The 2017 Settlement allows for the inclusion into base rates of up to 600 megawatts (MW) of solar projects which meet certain criteria through a Solar Base Rate Adjustment (SoBRA) mechanism.

¹ Order No. PSC-2017-0456-S-EI, issued November 27, 2017, in Docket No. 20170210-EI, *In re: Petition for limited proceeding to approve 2017 amended and restated stipulation and settlement agreement, by Tampa Electric Company*, and Docket No. 20160160-EI, *In re: Petition for approval of energy transaction optimization mechanism, by Tampa Electric Company*.

Docket No. 20200064-EI Date: October 22, 2020

On June 5, 2018, the Commission approved TECO's First SoBRA tranche which consisted of two solar projects, Payne Creek and Balm, with a total installed capacity of 144.7 MW.² On December 7, 2018, the Commission approved TECO's Second SoBRA tranche which consisted of five solar projects, Lithia, Grange Hall, Bonnie Mine, Peace Creek, and Lake Hancock, with a total installed capacity of 261.3 MW.³ On November 12, 2019, the Commission approved TECO's Third SoBRA tranche which consisted of two solar projects, Wimauma and Little Manatee River, with a total installed capacity of 149.3 MW.⁴ A Fourth tranche of 50 MW is available contingent upon meeting certain criteria tied to the projects in the First and Second SoBRA tranches, which is addressed in Issue 1.

By Order No. PSC-2020-0224-AS-EI, issued June 30, 2020, the Commission approved TECO's 2020 Settlement Agreement (2020 Settlement). The 2020 Settlement addressed, among other issues, how to calculate the average installed costs for the First and Second SoBRA tranches. On September 4, 2020, the Commission approved TECO's true-up of the First and Second SoBRAs in Order No. PSC-2020-0303-PAA-EI (True-Up Order), which include a reduction in revenue requirements to be implemented along with the TECO's Fourth SoBRA revenue requirement calculation.

On February 27, 2020, as required by the 2017 Settlement, TECO notified the Commission that it intended to seek approval of a Fourth SoBRA tranche. On July 31, 2020, TECO filed a petition for approval of the Fourth SoBRA tranche, the last allowed by the 2017 Settlement, which consists of one solar project, Durrance, with a total installed capacity of 45.7 MW. The Commission has jurisdiction pursuant to Sections 366.06 and 366.076, Florida Statutes (F.S.).

-

² Order No. PSC-2018-0288-FOF-EI, issued June 5, 2018, in Docket No. 20170260-EI, *In re: Petition for limited proceeding to approve first solar base rate adjustment (SoBRA), effective September 1, 2018, by Tampa Electric Company.*

³ Order No. PSC-2018-0571-FOF-EI, issued December 7, 2018, in Docket No. 20180133-EI, *In re: Petition for limited proceeding to approve second solar base rate adjustment (SoBRA), effective January 1, 2019, by Tampa Electric Company.*

⁴ Order No. PSC-2019-0477-FOF-EI, issued November 12, 2019 in Docket No. 201900136-EI, *In re: Petition for limited proceeding to approve Third solar base rate adjustment (SoBRA), effective January 1, 2020, by Tampa Electric Company.*

⁵ Order No. PSC-2020-0224-AS-EI, issued June 30, 2020, in Docket Nos. 20200064-EI, *In re: Petition for a limited proceeding to approve fourth SoBRA, by Tampa Electric Company;* 20200065-EI, *In re: Petition for a limited proceeding to eliminate accumulated amortization reserve surplus for intangible software assets, by Tampa Electric Company;* 20200067-EI, *In re: Review of 2020-2029 Storm Protection Plan pursuant to Rule 25-6.030, F.A.C., Tampa Electric Company,* 20200092-EI, *In re: Storm protection plan cost recovery clause;* and 20200145-EI, *In re: Petition to approve the 2020 settlement agreement by Tampa Electric Company.*

⁶ Order No. PSC-2020-0303-PAA-EI, issued September 4, 2020 in Docket No 20200144-EI, *In re: Petition for limited proceeding to true-up first and second SoBRA, by Tampa Electric Company.*

Date: October 22, 2020

Discussion of Issues

Issue 1: Is the Fourth SoBRA project proposed by TECO eligible in its entirety for treatment pursuant to paragraph 6 of the 2017 Settlement?

Recommendation: Yes. TECO is eligible for cost recovery of the Fourth SoBRA project, Durrance, under the conditions outlined in paragraph 6 of the 2017 Settlement and paragraph 3 of the 2020 Settlement, on the requested 45.7 MW portion of its solar capacity. (Phillips)

Staff Analysis: Paragraph 6 of the 2017 Settlement outlines the conditions under which TECO may seek cost recovery of certain solar facilities for all SoBRA tranches, with additional requirements for the availability of the Fourth SoBRA tranche. The requirements for system cost-effectiveness and average installed cost, respectively, for all SoBRA tranches are discussed in Issues 2 and 3, respectively.

The Fourth SoBRA tranche consists of a single solar project, Durrance, located in Polk County, with a projected in-service date on or before January 1, 2021. While the Durrance project will be installed at a total capacity of 60.1 MW, TECO is only seeking recovery of 45.7 MW through the SoBRA mechanism. Staff notes that the Commission has previously approved a portion of a solar project for recovery through the 2017 Settlement in a stipulation approving the Second SoBRA Tranche for the Lake Hancock Solar project. The recovery for the remaining 14.4 MW may be addressed in a future docket.

Subparagraph 6(c) of the 2017 Settlement outlines the conditions under which TECO may seek cost recovery of a Fourth SoBRA tranche with up to an additional 50 MW of solar capacity. These conditions include that the projects from the First and Second SoBRAs are in-service and operating as designed by December 31, 2019, and the average installed cost is no more than \$1,475 per kilowatt of alternating current capacity (kW_{ac}). Pursuant to paragraph 3 of the 2020 Settlement, the weighted average installed cost is determined by the average of the First and Second SoBRA installed costs taken together. The First and Second SoBRA projects' actual inservice dates were no later than April 25, 2019, and the weighted average installed cost was \$1,448/kW_{ac}. The in-service date and installed cost for each project in the First and Second SoBRAs are listed in Table 1-1.

-

⁷ Order No. PSC-2018-0571-FOF-EI, issued December 7, 2018, in Docket No. 20180133-EI, *In re: Petition for limited proceeding to approve second solar base rate adjustment (SoBRA), effective January 1, 2019, by Tampa Electric Company.*

Date: October 22, 2020

Table 1-1
In-Service Dates and Installed Costs for First and Second SoBRA Projects

Project Name	In-Service Date	Installed Cost (\$/kWac)							
	First SoBRA								
Payne Creek Solar	September 1, 2018	1,342							
Balm Solar	September 27, 2018	1,478							
	Second SoBRA								
Lithia Solar	January 1, 2019	1,481							
Grange Hall Solar	January 2, 2019	1,430							
Peace Creek Solar	March 1, 2019	1,479							
Bonnie Mine Solar	January 23, 2019	1,496							
Lake Hancock Solar	April 25, 2019	1,459							

Source: Order No. PSC-2020-0303-PAA-EI, issued September 4, 2020 in Docket No 20200144-EI, *In re: Petition for limited proceeding to true-up first and second SoBRA, by Tampa Electric Company*

Conclusion

TECO is eligible for cost recovery of the Fourth SoBRA project, Durrance, under the conditions outlined in paragraph 6 of the 2017 Settlement and paragraph 3 of the 2020 Settlement, on the requested 45.7 MW portion of its solar capacity.

Date: October 22, 2020

Issue 2: Is the Fourth SoBRA project proposed by TECO cost-effective pursuant to subparagraph 6(g) of the 2017 Settlement?

Recommendation: Yes. The 45.7 MW portion of the Durrance project included in TECO's Fourth SoBRA will lower the Company's projected system costs as compared to the system without the solar project; therefore, the Fourth SoBRA is considered to be cost-effective under subparagraph 6(g) of the 2017 Settlement. (Phillips)

Staff Analysis: Subparagraph 6(g) of the 2017 Settlement states that the cost-effectiveness for SoBRA project(s) shall be evaluated based only on whether the projects in the SoBRA will lower the Company's overall projected system cumulative present value revenue requirement (CPVRR) as compared to the system without the SoBRA project(s). This compares the cost of the added generation, transmission, operations and maintenance (O&M) and other expenses of the proposed solar project(s) to the avoided traditional generation, transmission, fuel, and O&M expenses that would otherwise have been incurred if the facilities had not been constructed.

Overall, TECO estimates that the 45.7 MW portion of the Durrance project included in the Fourth SoBRA produces projected system CPVRR savings of \$31.0 million without accounting for costs associated with carbon emissions. Using TECO's base case estimate for avoided carbon costs would increase system savings by \$7.2 million to a total of \$38.3 million, while its high scenario would increase system savings by \$24.2 million to a total of \$55.2 million. Even if the total 60.1 MW capacity of Durrance project is considered, the project still produces savings of \$39.9 million without consideration of carbon costs.

As part of its analysis, TECO used a non-standard value of deferral for avoided generation. As discussed in the stipulations approving each of the prior SoBRA tranches, the parties agreed to use a pro-rata share of the avoided generation benefits of the full 600 MW of all SoBRAs combined. As TECO witness Aponte admits in his testimony, the Fourth SoBRA project does not avoid any generation, but credits the unit for \$34.5 million in savings based on its share of the 600 MW SoBRA capacity. This value was calculated based on the Company's current avoided unit, a reciprocating engine. Staff notes however that at the time of approval of the 2017 Settlement, and in its three prior SoBRA dockets, TECO used a combustion turbine as the avoided unit, which has a lower capacity cost. If this change in unit type did not occur, the value of deferral would be reduced by \$10.3 million to \$24.3 million in savings. Even with this reduction, the Fourth SoBRA is projected to be cost-effective and reduce system costs by \$20.8 million without consideration of carbon costs. The results of each of the carbon scenarios and the avoided unit comparisons are summarized in Table 2-1.

-

⁸ Order No. PSC-2018-0288-FOF-EI, issued June 5, 2018, in Docket No. 20170260-EI, *In re: Petition for limited proceeding to approve first solar base rate adjustment (SoBRA), effective September 1, 2018, by Tampa Electric Company.* Order. No. PSC-2018-0571-FOF-EI, issued December 7, 2018, in Docket No. 20180133-EI, *In re: Petition for limited proceeding to approve second solar base rate adjustment (SoBRA), effective January 1, 2019, by Tampa Electric Company.* Order No. PSC-2019-0477-FOF-EI, issued November 12, 2019, in Docket No. 201900136-EI, *In re: Petition for limited proceeding to approve Third solar base rate adjustment (SoBRA), effective January 1, 2020, by Tampa Electric Company.*

Date: October 22, 2020

Table 2-1
Cost-Effectiveness Analysis Results

	Avoided	Unit and Capacity Com	parisons						
CO ₂ Emissions	Reciprocating Engine Reciprocating En		Combustion Turbine						
	(45.7 MW)	(60.1 MW)	(45.7 MW)						
CPVRR (\$ Millions)									
Low	31.0	39.9	20.8						
Base	38.3	50.9	28.0						
High	55.2	77.2	45.0						

Source: Exhibit JAA-1 from Document No. 04171-2020 and TECO's Response to Staff's Second Data Request.

Conclusion

The 45.7 MW portion of the Durrance project included in TECO's Fourth SoBRA will lower the Company's projected system costs as compared to the system without the solar project; therefore, the Fourth SoBRA is considered to be cost-effective under subparagraph 6(g) of the 2017 Settlement.

Date: October 22, 2020

Issue 3: Is the projected installed cost of the Fourth SoBRA project proposed by TECO less than or equal to the Installed Cost Cap of \$1,500 per kWac pursuant to subparagraph 6(d) of the 2017 Settlement?

Recommendation: Yes. The estimated installed cost of the Durrance project in the Fourth SoBRA is \$1,500 per kWac, which is equal to the installed cost cap specified in subparagraph 6(d) of the 2017 Settlement. (Phillips)

Staff Analysis: Subparagraph 6(d) of the 2017 Settlement specifies a \$1,500 per kWac installed cost cap for each SoBRA project. The estimated direct installed cost of the Durrance project is \$66.7 million, or approximately \$1,460 per kWac. In addition, TECO is claiming Allowance for Funds Used During Construction (AFUDC) of approximately \$1.9 million. The total all-in-cost is \$68.6 million or \$1,500 per kWac which is equal to the \$1,500 per kWac installed cost cap specified in subparagraph 6(d) of the 2017 Settlement. The projected installed costs for the Durrance project are listed in Table 3-1 by subcategory.

Table 3-1
Projected Installed Cost for Fourth SoBRA

Projected Cost	Cost (\$ Million)	Cost (\$ per kWac)
Major Equipment and Balance of System	55.3	1,210
Development	1.6	35
Transmission Interconnect	3.0	66
Land	5.8	127
Owner's Cost	1.0	22
AFUDC	1.9	41
Total	68.6	1,500

Source: Exhibit MDW-1 from Document No. 04171-2020

Conclusion

The estimated installed cost of the Durrance project in the Fourth SoBRA is \$1,500 per kWac, which is equal to the installed cost cap specified in subparagraph 6(d) of the 2017 Settlement.

Date: October 22, 2020

Issue 4: What is the estimated annual revenue requirement associated with TECO's Fourth SoBRA project?

Recommendation: The estimated annual revenue requirement associated with TECO's Fourth SoBRA project is \$7,534,000. (Higgins)

Staff Analysis: In 2017, TECO received authorization for a framework to recover costs associated with the construction and operation of a then-conceptual series of solar generating facilities. The framework included conditions by which the Company can petition the Commission to implement project-specific estimated annual revenue requirements, beginning on specified dates, subject to certain agreed-upon conditions. In particular, the effective date of the Fourth SoBRA's rate adjustment can be no earlier that January 1, 2021, and that incremental annual revenue requirement may not exceed \$10.2 million.

The Company is requesting the Commission approve an estimated annual revenue requirement based on the projected installed cost of the single project comprising the Fourth SoBRA, Durrance. The projected annual revenue requirement for the Fourth SoBRA project also includes a relatively minor revenue requirement revision stemming from the Company's "trued-up" First and Second SoBRA projects. This amount, \$77,000, identified in the True-Up Order, was ordered to be carried forward and applied to the Company's Fourth SoBRA/instant request. 11

The cumulative Fourth SoBRA annual revenue requirement is initially formulated using an estimated capital cost (Issue 3). Other delineated components of the revenue requirement include operation and maintenance expenses, depreciation expense, financing costs, insurance costs, and taxes. The proposed estimated total annual revenue requirement associated with TECO's Fourth SoBRA is \$7,611,000. This amount consists of an estimated capital cost of \$6,802,000, an annual fixed operation and maintenance expense of \$244,000, and land-associated costs in the amount of \$564,000. However, after the incorporation of the revenue requirement revision identified in the True-Up Order, the annual revenue requirement associated with TECO's Fourth SoBRA project is \$7,534,000. 12

Table 4-1 displays the total estimated annual Fourth SoBRA revenue requirement by cost category, as well as the estimated-to-actual annual revenue requirement revision from the First and Second SoBRA projects.

⁻

⁹ Order No. PSC-2017-0456-S-EI, issued November 27, 2017, in Docket No. 20170210-EI, *In re: Petition for limited proceeding to approve 2017 amended and restated stipulation and settlement agreement, by Tampa Electric Company*, and Docket No. 20160160-EI, *In re: Petition for approval of energy transaction optimization mechanism, by Tampa Electric Company*.

¹⁰ 2017 Settlement, ¶6(b).

¹¹ Order No. PSC-2020-0303-PAA-EI, issued September 4, 2020, in Docket No. 20200144-EI, *In re: Petition for limited proceeding to true-up first and second SoBRA, by Tampa Electric Company*.

¹² *Id.*

Date: October 22, 2020

Table 4-1
Fourth SoBRA Estimated Annual Revenue Requirement

Plant Durrance	Revenue Requirement (\$000)
Capital	\$6,802
Fixed Operation & Maintenance	244
Land	564
Fourth SoBRA Revenue Requirement Subtotal	<u>7,611</u>
True-Up	(\$77)
Grand Total*	<u>\$7,534</u>

Source: Prepared Direct Testimony and Exhibit of TECO witness Jose A. Aponte, Exhibit (JAA-1), Document No. 3.

Conclusion

The estimated annual revenue requirement associated with TECO's Fourth SoBRA project is \$7,534,000.

^{*}May not compute exactly due to rounding.

Date: October 22, 2020

Issue 5: Should the Commission approve the tariffs for TECO reflecting the base rate increase for the Fourth SoBRA project determined to be appropriate in these proceedings?

Recommendation: Yes. The Commission should approve the tariffs and base rates as shown in Attachment A to the recommendation effective with the first billing cycle in January 2021. The base rate increase was calculated in accordance with the 2017 Settlement. (Forrest)

Staff Analysis: TECO Witness Ashburn in his testimony filed on July 31, 2020, provides the proposed tariffs and base rates to reflect the annual revenue requirement increase of \$7,534,000 as recommended in Issue 4. Witness Ashburn states that the base rate increase was allocated to the rate classes as required by the 2017 Settlement. For a residential customer using 1,000 kilowatt-hours, the base rate increase will be \$0.44. Commercial customers will see base rate increases between 0.5 and 1 percent, depending on usage.

Staff recommends that the Commission should approve the tariffs and base rates as shown in Attachment A to the recommendation effective with the first billing cycle in January 2021. Staff reviewed the calculations provided by Witness Ashburn and believes that the base rate increase was calculated in accordance with the 2017 Settlement.

Date: October 22, 2020

Issue 6: Should this docket be closed?

Recommendation: If a protest is filed within 21 days of the issuance of the order, the tariffs should remain in effect, with any revenues held subject to refund, pending resolution of the protest. If no timely protest is filed, this docket should be closed upon the issuance of a consummating order. (Stiller, Trierweiler)

Staff Analysis: If a protest is filed within 21 days of the issuance of the order, the tariffs should remain in effect, with any revenues held subject to refund, pending resolution of the protest. If no timely protest is filed, this docket should be closed upon the issuance of a consummating order.

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 1 of 28



TWENTY-SEVENTH-EIGHTH REVISED SHEET NO. 6.030 CANCELS TWENTY-SIXTH-SEVENTH REVISED SHEET NO. 6.030

RESIDENTIAL SERVICE

SCHEDULE: RS

AVAILABLE: Entire service area.

<u>APPLICABLE</u>: To residential consumers in individually metered private residences, apartment units, and duplex units. All energy must be for domestic purposes and should not be shared with or sold to others. In addition, energy used in commonly-owned facilities in condominium and cooperative apartment buildings will qualify for this rate schedule, subject to the following criteria:

- 1. 100% of the energy is used exclusively for the co-owners' benefit.
- None of the energy is used in any endeavor which sells or rents a commodity or provides service for a fee.
- 3. Each point of delivery will be separately metered and billed.
- A responsible legal entity is established as the customer to whom the Company can render its bills for said service.

Resale not permitted.

Billing charges shall be prorated for billing periods that are less than 25 days or greater than 35 days. If the billing period exceeds 35 days and the billing extension causes energy consumption, based on average daily usage, to exceed 1,000 kWh, the excess consumption will be charged at the lower monthly Energy and Demand Charge.

<u>LIMITATION OF SERVICE</u>: This schedule includes service to single phase motors rated up to 7.5 HP. Three phase service may be provided where available for motors rated 7.5 HP and over

MONTHLY RATE:

Basic Service Charge:

\$15.05

Energy and Demand Charge:

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.031

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 2 of 28



TWENTY-EIGHTH NINTH REVISED SHEET NO. 6.050 CANCELS TWENTY-SEVENTH-EIGHTH REVISED SHEET NO. 6.050

GENERAL SERVICE - NON DEMAND

SCHEDULE: GS

AVAILABLE: Entire service area.

<u>APPLICABLE</u>: For lighting and power in establishments not classified as residential whose energy consumption has not exceeded 9,000 kWh in any one of the prior twelve (12) consecutive billing periods ending with the current billing period. For any billing period that exceeds 35 days, the energy consumption shall be prorated to that of a 30-day amount for purposes of administering this requirement. Resale not permitted.

<u>CHARACTER OF SERVICE</u>: Single or 3 phase, 60 cycles and approximately 120 volts or higher, at Company's option.

<u>LIMITATION OF SERVICE</u>: All service under this rate shall be furnished through one meter. Standby service permitted on Schedule GST only.

MONTHLY RATE:

Basic Service Charge:

Metered accounts \$18.06 Un-metered accounts \$15.05

Energy and Demand Charge:

5.448496¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: The monthly charge for emergency relay power supply service shall be 0.468169¢ per kWh of billing energy. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

Continued to Sheet No. 6.051

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 3 of 28



TWENTY-SEVENTH-EIGHTH REVISED SHEET NO. 6.080 CANCELS TWENTY-SIXTH-SEVENTH REVISED SHEET NO. 6.080

GENERAL SERVICE - DEMAND

SCHEDULE: GSD

AVAILABLE: Entire service area.

<u>APPLICABLE</u>: To any customer whose energy consumption has exceeded 9,000 kWh in any one of the prior twelve (12) consecutive billing periods ending with the current billing period. Also available to customers with energy consumption at any level below 9,000 kWh per billing period who agree to remain on this rate for at least twelve (12) months. For any billing period that exceeds 35 days, the energy consumption shall be prorated to that of a 30-day amount for purposes of administering this requirement. Resale not permitted.

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase; at any standard Company voltage.

<u>LIMITATION OF SERVICE</u>: Standby service is permitted only for customers who generate less than 20% of their on-site load requirements or whose generating equipment is used for emergency purposes.

MONTHLY RATE:

STANDARD OPTIONAL

Basic Service Charge: Basic Service Charge:

Secondary Metering Voltage \$ 30.10 Secondary Metering Voltage \$ 30.10 Primary Metering Voltage \$ 130.44 Primary Metering Voltage \$ 130.44 Subtrans. Metering Voltage \$ 993.27 Subtrans. Metering Voltage \$ 993.27

Demand Charge: Demand Charge:

\$10.76.92 per kW of billing demand \$0.00 per kW of billing demand

Energy Charge: Energy Charge: 1.589¢ per kWh 6.585595¢ per kWh

The customer may select either standard or optional. Once an option is selected, the

customer must remain on that option for twelve (12) consecutive months.

Continued to Sheet No. 6.081

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 4 of 28



TWENTY-FOURTH-FIFTH REVISED SHEET NO. 6.081
CANCELS TWENTY-THIRD-FOURTH REVISED SHEET
NO. 6.081

Continued from Sheet No. 6.080

BILLING DEMAND: The highest measured 30-minute interval kW demand during the billing period.

MINIMUM CHARGE: The Basic Service Charge and any Minimum Charge associated with optional riders.

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: Power factor will be calculated for customers with measured demands of 1,000 kW or more in any one billing period out of twelve (12) consecutive billing periods ending with the current billing period. When the average power factor during the month is less than 85%, the monthly bill will be increased 0.201¢ 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 0.101¢ for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

<u>METERING VOLTAGE ADJUSTMENT</u>: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

<u>DELIVERY VOLTAGE CREDIT</u>: When a customer under the standard rate takes service at primary voltage, a discount of \$001¢ per kW of billing demand will apply. A discount of \$2.7781 per kW of billing demand will apply when a customer under the standard rate takes service at subtransmission or higher voltage.

When a customer under the optional rate takes service at primary voltage, a discount of 0.237240¢ per kWh will apply. A discount of 0.724735¢ per kWh will apply when a customer under the optional rate takes service at subtransmission or higher voltage.

Continued to Sheet No. 6.082

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 5 of 28



ELEVENTH TWELFTH REVISED SHEET NO. 6.082
CANCELS TENTH ELEVENTH REVISED SHEET NO. 6.082

Continued from Sheet No. 6.081

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 7472¢ per kW of billing demand for customers taking service under the standard rate and 0.479182¢/kWh for customer taking service under the optional rate. 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.

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.

PAYMENT OF BILLS: See Sheet No. 6.022.

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 6 of 28



TWENTY-FIFTH-SIXTH REVISED SHEET NO. 6.085
CANCELS TWENTY-FOURTH-FIFTH REVISED SHEET NO. 6.085

INTERRUPTIBLE SERVICE (CLOSED TO NEW BUSINESS AS OF MAY 7, 2009)

SCHEDULE: IS

AVAILABLE: Entire Service Area.

<u>APPLICABLE</u>: To be eligible for service under Rate Schedule IS, a customer must have been taking interruptible service under rate schedules IS-1, IST-1, IS-3, IST-3, SBI-1, or SBI-3 on May 6, 2009 and have signed the Agreement for the Purchase of Industrial Load Management Service under Rate Schedule GSLM-2. When electric service is desired at more than one location, each such location or point of delivery shall be considered as a separate customer. Resale not permitted.

<u>CHARACTER OF SERVICE</u>: The electric energy supplied under this schedule is three phase primary voltage or higher.

<u>LIMITATION OF SERVICE</u>: Standby service is permitted only for customers who generate less than 20% of their on-site load requirements or whose generating equipment is used for emergency purposes.

MONTHLY RATE:

Basic Service Charge:

Primary Metering Voltage \$ 624.05 Subtransmission Metering Voltage \$2,379.85

Demand Charge:

\$3.904.07 per KW of billing demand

Energy Charge:

2.513¢ per KWH

Continued to Sheet No. 6.086

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 7 of 28



TWENTY-THIRD-FOURTH REVISED SHEET NO. 6.086
CANCELS TWENTY-SECOND-THIRD REVISED SHEET
NO. 6.086

Continued from Sheet No. 6.085

BILLING DEMAND: The highest measured 30-minute interval KW demand during the month.

MINIMUM CHARGE: The Basic Service Charge and any Minimum Charge associated with optional riders.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased 0.201¢ 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 0.101¢ for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

<u>METERING VOLTAGE ADJUSTMENT</u>: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

<u>DELIVERY VOLTAGE CREDIT</u>: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of \$1.00-14 per KW of billing demand will apply.

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: The monthly charge for emergency relay power supply service shall be \$1.55-62 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.

Continued to Sheet No. 6.087

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 8 of 28



THIRTY-THIRD-FOURTH REVISED SHEET NO. 6.290 CANCELS THIRTY-SECOND-THIRD REVISED SHEET NO. 6.290

CONSTRUCTION SERVICE

SCHEDULE: CS

AVAILABLE: Entire service area.

APPLICABLE: Single phase temporary service used primarily for construction purposes.

<u>LIMITATION OF SERVICE</u>: Service is limited to construction poles and services installed under the TUG program. Construction poles are limited to a maximum of 70 amperes at 240 volts for construction poles. Larger (non-TUG) services and three phase service entrances must be served under the appropriate rate schedule, plus the cost of installing and removing the temporary facilities is required.

MONTHLY RATE:

Basic Service Charge: \$18.06

Energy and Demand Charge: 5.448496¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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: Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

MISCELLANEOUS: A Temporary Service Charge of \$260.00 shall be paid upon application for the recovery of costs associated with providing, installing, and removing the company's temporary service facilities for construction poles. Where the Company is required to provide additional facilities other than a service drop or connection point to the Company's existing distribution system, the customer shall also pay, in advance, for the estimated cost of providing, installing and removing such additional facilities, excluding the cost of any portion of these facilities which will remain as a part of the permanent service.

PAYMENT OF BILLS: See Sheet No. 6.022.

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 9 of 28



TWENTY-SEVENTH-EIGHTH REVISED SHEET NO. 6.320 CANCELS TWENTY-SIXTH-SEVENTH REVISED SHEET NO. 6.320

TIME-OF-DAY GENERAL SERVICE - NON DEMAND (OPTIONAL)

SCHEDULE: GST

AVAILABLE: Entire service area.

<u>APPLICABLE</u>: For lighting and power in establishments not classified as residential whose energy consumption has not exceeded 9,000 kWh in any one of the prior twelve (12) consecutive billing periods ending with the current billing period. All of the electric load requirements on the customer's premises must be metered at one (1) point of delivery. For any billing period that exceeds 35 days, the energy consumption shall be prorated to that of a 30-day amount for purposes of administering this requirement. Resale not permitted.

<u>CHARACTER OF SERVICE</u>: Single or 3 phase, 60 cycles and approximately 120 volts or higher, at Company's option.

<u>LIMITATION OF SERVICE</u>: All service under this rate shall be furnished through one meter. Standby service permitted.

MONTHLY RATE:

Basic Service Charge:

\$20.07

Energy and Demand Charge:

12.371594¢ per kWh during peak hours 3.053¢ per kWh during off-peak hours

Continued to Sheet No. 6.321

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 10 of 28



TWENTY-SECOND THIRD REVISED SHEET NO. 6.321 CANCELS TWENTY-FIRST-SECOND REVISED SHEET NO. 6.321

Continued from Sheet No. 6.320

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

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 Basic Service Charge.

BASIC SERVICE CHARGE CREDIT: Any customer who makes a one time contribution in aid of construction of \$94.00 (lump-sum meter payment), shall receive a credit of \$2.01 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 0.468169ϕ per kWh of billing energy. 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.

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

Continued to Sheet No. 6.322

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 11 of 28



TWENTY-EIGHTH NINTH REVISED SHEET NO. 6.330 CANCELS TWENTY-SEVENTH-EIGHTH REVISED SHEET NO.6.330

TIME-OF-DAY GENERAL SERVICE - DEMAND (OPTIONAL)

SCHEDULE: GSDT

AVAILABLE: Entire service area.

<u>APPLICABLE</u>: To any customer whose energy consumption has exceeded 9,000 kWh in any one of the prior twelve (12) consecutive billing periods ending with the current billing period. Also available to customers with energy consumption at any level below 9,000 kWh per billing period who agree to remain on this rate for at least twelve (12) months. For any billing period that exceeds 35 days, the consumption shall be prorated to that of a 30-day amount for purposes of administering this requirement. Resale not permitted.

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase; at any standard Company voltage.

<u>LIMITATION OF SERVICE</u>: Standby service is permitted only for customers who generate less than 20% of their on-site load requirements or whose generating equipment is used for emergency purposes.

MONTHLY RATE:

Basic Service Charge:

Secondary Metering Voltage \$ 30.10 Primary Metering Voltage \$ 130.44 Subtransmission Metering Voltage \$ 993.27

Demand Charge:

\$3.44-49 per kW of billing demand, plus \$7.04-14 per kW of peak billing demand

Energy Charge:

2.908¢ per kWh during peak hours 1.049¢ per kWh during off-peak hours

Continued to Sheet No. 6.331

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 12 of 28



TWENTY-THIRD FOURTH REVISED SHEET NO. 6.332 CANCELS TWENTY-SECOND-THIRD REVISED SHEET NO. 6.332

Continued from Sheet No. 6.331

POWER FACTOR: Power factor will be calculated for customers with measured demands of 1,000 kW in any billing period out of twelve (12) consecutive billing periods ending with the current billing period. When the average power factor during the month is less than 85%, the monthly bill will be increased 0.201¢ 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 0.101¢ for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

<u>METERING VOLTAGE ADJUSTMENT</u>: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

<u>DELIVERY VOLTAGE CREDIT</u>: When the customer takes service at primary voltage a discount of <u>9091</u>¢ per kW of billing demand will apply. When the customer takes service at subtransmission or higher voltage, a discount of \$2.7781 per kW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 7472¢ 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.

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.

PAYMENT OF BILLS: See Sheet No. 6.022.

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 13 of 28



TWENTY-FIFTH-SIXTH REVISED SHEET NO. 6.340 CANCELS TWENTY-FOURTH-FIFTH REVISED SHEET NO. 6.340

TIME OF DAY INTERRUPTIBLE SERVICE (CLOSED TO NEW BUSINESS AS OF MAY 7, 2009)

SCHEDULE: IST

AVAILABLE: Entire Service Area.

<u>APPLICABLE</u>: To be eligible for service under Rate Schedule IST, a customer must have been taking interruptible service under rate schedules IS-1, IST-1, IS-3, IST-3, SBI-1, or SBI-3 on May 6, 2009 and have signed the Agreement for the Purchase of Industrial Load Management Service under Rate Schedule GSLM-2. When electric service is desired at more than one location, each such location or point of delivery shall be considered as a separate customer. Resale not permitted.

<u>CHARACTER OF SERVICE</u>: The electric energy supplied under this schedule is three phase primary voltage or higher.

<u>LIMITATION OF SERVICE</u>: Standby service is permitted only for customers who generate less than 20% of their on-site load requirements or whose generating equipment is used for emergency purposes.

Basic Service Charge:

Primary Metering Voltage \$ 624.05 Subtransmission Metering Voltage \$2,379.85

Demand Charge:

\$3.904.07 per KW of billing demand

Energy Charge:

2.513¢ per KWH

Continued to Sheet No. 6.345

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 14 of 28



TWENTY NINTHTHIRTIETH REVISED SHEET NO. 6.350 CANCELS TWENTHTWENTY EIGHTH NINTH REVISED SHEET NO. 6.350

Continued from Sheet No. 6.345

<u>METERING VOLTAGE ADJUSTMENT</u>: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% of the energy and demand charge will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

<u>DELIVERY VOLTAGE CREDIT</u>: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of \$1.09-14 per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be \$1.55-62 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.

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.

PAYMENT OF BILLS: See Sheet No. 6.025.

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 15 of 28



THIRTEENTH-FOURTEENTH REVISED SHEET NO. 6.565
CANCELS TWELFTH-THIRTEENTH REVISED SHEET NO. 6.565

Continued from Sheet No. 6.560

MONTHLY RATES:

Basic Service Charge: \$15.05

Energy and Demand Charges: 5.495539¢ per kWh (for all pricing periods)

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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.

PAYMENT OF BILLS: See Sheet No. 6.022.

<u>DETERMINATION OF PRICING PERIODS:</u> Pricing periods are established by season for weekdays and weekends. The pricing periods for price levels P_1 (Low Cost Hours), P_2 (Moderate Cost Hours) and P_3 (High Cost Hours) are as follows:

May through October	P ₁	P ₂	P ₃
Weekdays	11 P.M. to 6 A.M.	6 A.M. to 1 P.M. 6 P.M. to 11 P.M.	1 P.M. to 6 P.M.
Weekends	11 P.M. to 6 A.M.	6 A.M. to 11 P.M.	
November through April	P ₁	P_2	P ₃
Weekdays	11 P.M. to 5 A.M.	5 A.M. to 6 A.M. 10 A.M. to 11 P.M.	6 A.M. to 10 A.M.
Weekends	11 P.M. to 6 A.M.	6 A.M. to 11 P.M.	

The pricing periods for price level P_4 (Critical Cost Hours) shall be determined at the sole discretion of the Company. Level P_4 hours shall not exceed 134 hours per year.

Continued to Sheet No. 6.570

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 16 of 28



EIGHTEENTH NINETEENTH REVISED SHEET NO. 6.601
CANCELS SEVENTEENTH EIGHTEENTH REVISED
SHEET NO. 6.601

Continued from Sheet No. 6,600

CHARGES FOR SUPPLEMENTAL SERVICE:

Demand Charge:

\$10.7692

per kW-Month of Supplemental Billing Demand (Supplemental Billing

Demand Charge)

Energy Charge:

1.589¢

per Supplemental kWh

<u>DEFINITIONS OF THE USE PERIODS</u>: 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>Peak Hours:</u> 12:00 Noon - 9:00 PM (Monday-Friday) November 1 - March 31 6:00 AM - 10:00 AM

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.

BILLING UNITS:

Demand Units:

Metered Demand - The highest measured 30-minute interval kW demand served by the company during the month.

Site Load - The highest kW total of Customer generation plus deliveries by the company less deliveries to the Company, occurring in the same 30-minute interval, during the month.

Normal Generation - The generation level equaled or exceeded by the Customer's generation 10% of the metered intervals during the previous twelve months.

Supplemental Billing Demand - The amount, if any, by which the highest Site Load during any 30-minute interval in the month exceeds Normal Generation, but no greater than Metered Demand.

Continued to Sheet No. 6.602

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 17 of 28



NO. 6.603

CANCELS EIGHTEENTH NINETEENTH REVISED SHEET

NO. 6.603

Continued from Sheet No. 6.602

<u>METERING VOLTAGE ADJUSTMENT</u>: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charge, Energy Charge, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

<u>DELIVERY VOLTAGE CREDIT</u>: When the customer takes service at primary voltage, a discount of <u>9091</u>¢ per kW of Supplemental Demand and 63¢ per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of \$2.77-81 per kW of Supplemental Demand and \$1.97 per kW of Standby Demand will apply.

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: The monthly charge for emergency relay power supply service shall be <u>7472</u>¢ 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. Note: Standby fuel charges shall be based on the time of use (i.e., peak and off-peak) fuel rates for Rate Schedule SBF. Supplemental fuel charges shall be based on the standard fuel rate for Rate Schedule SBF.

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.

PAYMENT OF BILLS: See Sheet No. 6.022.

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 18 of 28



FIFTEENTH-SIXTEENTH REVISED SHEET NO. 6.606
CANCELS FOURTEENTH-FIFTEENTH REVISED SHEET
NO. 6.606

Continued from Sheet No. 6.605

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

\$3.4449 per kW-Month of Supplemental Demand (Supplemental Billing Demand

Charge), plus

\$7.0414 per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing

Demand Charge)

Energy Charge:

2.908¢ per Supplemental kWh during peak hours1.049¢ per Supplemental kWh during off-peak hours

<u>DEFINITIONS OF THE USE PERIODS</u>: All time periods stated in clock time. (Meters are programmed to automatically adjust for changes from standard to daylight saving time and

vice-versa.)

 April 1 - October 31
 November 1 - March 31

 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.

BILLING UNITS:

Demand Units: Metered Demand - The highest measured 30-minute interval kW demand

served by the Company during the month.

Metered Peak Demand - The highest measured 30-minute interval kW demand served by the Company during the peak hours.

Site Load - The highest kW total of Customer generation plus deliveries by the company less deliveries to the company, occurring in the same 30-

minute interval, during the month.

Continued to Sheet No. 6.607

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 19 of 28



SIXTEENTH-SEVENTEEN REVISED SHEET NO. 6.608
CANCELS FIFTEENTH-SIXTEENTH REVISED SHEET NO. 6.608

Continued from Sheet No. 6.607

<u>TERM OF SERVICE:</u> 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 firm non-standby 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 0.201¢ 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 0.101¢ for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING VOLTAGE ADJUSTMENT: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charges, Energy Charges, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charges, Energy Charges, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charge.

<u>DELIVERY VOLTAGE CREDIT</u>: When the customer takes service at primary voltage, a discount of <u>9091</u>¢ per kW of Supplemental Demand and 63¢ per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of \$2.77-81 per kW of Supplemental Demand and \$1.97 per kW of Standby Demand will apply.

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: The monthly charge for emergency relay power supply service shall be 7472¢ 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.

Continued to Sheet No. 6.609

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 20 of 28



THIRTEENTH-FOURTEENTH REVISED SHEET NO. 6.700 CANCELS TWELFTH-THIRTEENTH REVISED SHEET NO. 6.700

INTERRUPTIBLE STANDBY AND SUPPLEMENTAL SERVICE (CLOSED TO NEW BUSINESS AS OF MAY 7, 2009)

SCHEDULE: SBI

AVAILABLE: Entire service area.

APPLICABLE: Required for all self-generating customers eligible for service under rate schedules IS or IST whose generating capacity in kilowatts (exclusive of emergency generation equipment) exceeds 20% of their site load in kilowatts. Also available to self-generating customers eligible for service under rate schedules IS or IST whose generating capacity in kilowatts does not exceed 20% of their site load in kilowatts, but who agree to all the terms and conditions of this rate schedule. To be eligible for service under this rate schedule, a customer must have been taking interruptible service under rate schedules IS-1, IST-1, IS-3, IST-3, SBI-1, or SBI-3 on May 6, 2009 and have signed the Supplemental Tariff Agreement for the Purchase of Industrial Standby and Supplemental Load Management Rider Service. Resale not permitted.

<u>CHARACTER OF SERVICE</u>: The electric energy supplied under this schedule is three phase primary voltage or higher

<u>LIMITATION OF SERVICE</u>: A customer taking service under this tariff must sign the Tariff Agreement for the Purchase of Standby and Supplemental Service

MONTHLY RATE:

Basic Service Charge:

Primary Metering Voltage \$649.14 Subtransmission Metering Voltage \$2,404.93

Demand Charge:

\$3.904.07 per KW-Month of Supplemental Demand (Supplemental Demand Charge) \$1.39 per KW-Month of Standby Demand (Local Facilities Reservation Charge)

plus the greater of:

\$1.20 per KW-Month of Standby Demand (Power Supply Reservation Charge); or \$0.48 per KW-Day of Actual Standby Billing Demand (Power Supply

Demand Charge)

Continued to Sheet No. 6.705

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 21 of 28



TENTH-ELEVENTH REVISED SHEET NO. 6.715 CANCELS NINTH-TENTH REVISED SHEET NO. 6.715

Continued from Sheet No. 6.710

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased 0.201¢ 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 0.101¢ for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

<u>METERING VOLTAGE ADJUSTMENT</u>: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% will apply to the standby and supplemental demand charges, energy charges, Delivery Voltage Credit, Power Factor billing, and Emergency Relay Power Supply Charges.

<u>DELIVERY VOLTAGE CREDIT</u>: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of \$1.09-14 per KW of Supplemental Demand and 34¢ per KW of Standby Demand will apply.

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: The monthly charge for emergency relay power supply service shall be \$1.55–62 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.

<u>FUEL CHARGE</u>: Supplemental energy may be billed at either standard or time-of-day fuel rates at the option of the customer. See Sheet Nos. 6.020 and 6.021.

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.

PAYMENT OF BILLS: See Sheet No. 6.022.

Docket No. 20200064-EI Attachment A Page 22 of 28 Date: October 22, 2020



ELEVENTH-TWELFTH REVISED SHEET NO. 6.805 CANCELS TENTH-ELEVENTH REVISED SHEET NO. 6.805

Continued from Sheet No. 6.800

MONTHLY RATE:

High Pressure Sodium Fixture, Maintenance, and Base Energy Charges:

			Lamp Size					Charges per Unit (\$)			
Rate	Code				K	∕Vh			Base E	nergy ⁽⁴⁾	
Dusk to Dawn	Timed Svc.	d Description	Initial Lumens ⁽²⁾	Lamp Wattage ⁽³⁾	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Timed Svc.	
800	860	Cobra ⁽¹⁾	4,000	50	20	10	3.16	2.48	0.47	0.24	
802	862	Cobra/Nema(1)	6,300	70	29	14	3.20	2.11	0.69	0.33	
803	863	Cobra/Nema ⁽¹⁾	9,500	100	44	22	3.63	2.33	1.04	0.52	
804	864	Cobra ⁽¹⁾	16,000	150	66	33	4.18	2.02	1. <u>565</u> Z	0.78	
805	865	Cobra ⁽¹⁾	28,500	250	105	52	4.87	2.60	2.49 3.868	1.23	
806	866	Cobra ⁽¹⁾	50,000	400	163	81	5.09	2.99	Z	1.92	
468	454	Flood ⁽¹⁾	28,500	250	105	52	5.37	2.60	2.49	1.23	
478	484	Flood ⁽¹⁾	50,000	400	163	81	5.71	3.00	3. <u>868</u> <u>Z</u>	1.92	
809	869	Mongoose ⁽¹⁾	50,000	400	163	81	6.50	3.02	3.86 <u>8</u> Z	1.92	
509	508	Post Top (PT) ⁽¹⁾	4,000	50	20	10	3.98	2.48	0.47	0.24	
570	530	Classic PT(1)	9,500	100	44	22	11.85	1.89	1.04	0.52	
810	870	Coach PT(1)	6,300	70	29	14	4.71	2.11	0.69	0.33	
572	532	Colonial PT ⁽¹⁾	9,500	100	44	22	11.75	1.89	1.04	0.52	
573	533	Salem PT ⁽¹⁾	9,500	100	44	22	9.03	1.89	1.04	0.52	
550	534	Shoebox ⁽¹⁾	9,500	100	44	22	8.01	1.89	1.04	0.52	
566	536	Shoebox ⁽¹⁾	28,500	250	105	52	8.69	3.18	2.49 3.868	1.23	
552	538	Shoebox ⁽¹⁾	50,000	400	163	81	9.52	2.44	7	1.92	

Continued to Sheet No. 6.806

⁽¹⁾ Closed to new business
(2) Lumen output may vary by lamp configuration and age.
(3) Wattage ratings do not include ballast losses.
(4) The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.369373¢ per kWh for each fixture.

Docket No. 20200064-EI Attachment A Page 23 of 28 Date: October 22, 2020



NINTH TENTH REVISED SHEET NO. 6.806 CANCELS EIGHTH-NINTH REVISED SHEET NO. 6.806

Continued from Sheet No. 6.805

MONTHLY RATE:

Metal Halide Fixture, Maintenance, and Base Energy Charges:

				Lamp Size					Charges per Unit (\$)			
Rate	Code				kWh				Base Energy ⁶			
Dusk to Dawn	Timed Svc.	Description	Initial Lumens ⁽²⁾	Lamp Wattage ⁽³⁾	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Timed Svc.		
704	724	Cobra ⁽¹⁾	29,700	350	138	69	7.53	4.99	3.27	1.63 <u>6</u>		
520	522	Cobra ⁽¹⁾	32,000	400	159	79	6.03	4.01	3.77	1.87 1. 63 6		
705	725	Flood ⁽¹⁾	29,700	350	138	69	8.55	5.04	3.27	4		
556	541	Flood ⁽¹⁾	32,000	400	159	79	8.36	4.02	3.77 9. 07 0	1.87 4. 52 5		
558	578	Flood ⁽¹⁾	107,800	1,000	383	191	10.50	8.17	9	3		
701	721	General PT ⁽¹⁾	12,000	150	67	34	10.60	3.92	1.59 1. 75 7	0.81		
574	548	General PT ⁽¹⁾	14,400	175	74	37	10.89	3.73	6	0.88		
700	720	Salem PT ⁽¹⁾	12,000	150	67	34	9.33	3.92	1.59 1. 75 7	0.81		
575	568	Salem PT(1)	14,400	175	74	37	9.38	3.74	6	0.88		
702	722	Shoebox ⁽¹⁾	12,000	150	67	34	7.22	3.92	1.59 1. 75 7	0.81		
564	549	Shoebox ⁽¹⁾	12,800	175	74	37	7.95	3.70	6	0.88 1. 63 6		
703	723	Shoebox ⁽¹⁾	29,700	350	138	69	9.55	4.93	3.27	4		
554	540	Shoebox ⁽¹⁾	32,000	400	159	79	10.02	3.97	3.77 9. 07 0	1.87 4. 52 5		
576	577	Shoebox ⁽¹⁾	107,800	1,000	383	191	16.50	8.17	9	3		

⁽¹⁾ Closed to new business

Continued to Sheet No. 6.808

⁽²⁾ Lumen output may vary by lamp configuration and age.
(3) Wattage ratings do not include ballast losses.
(4) The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.369373¢ per kWh for each fixture.

Docket No. 20200064-EI Attachment A Page 24 of 28 Date: October 22, 2020



TENTH ELEVENTH REVISED SHEET NO. 6.808 CANCELS NINTH-TENTH REVISED SHEET NO. 6.808

Continued from Sheet No. 6.806

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

				Size		Charges per Unit (\$)					
Rate Code		la .			kW	'h ⁽¹⁾			Base E	Base Energy ⁽⁴⁾	
Dusk to Dawn	Timed Svc.	Description	Initial Lumens ⁽²⁾	Lamp Wattage ⁽³⁾	Dusk to Dawn	Timed Svc.	Fixture	Maintenance	Dusk to Dawn	Timed Svc.	
828	848	Roadway ⁽¹⁾	5,155	56	20	10	7.27	1.74	0.47	0.24	
820	840	Roadway (1)	7,577	103	36	18	11.15	1.19	0.85	0.43	
821	841	Roadway ⁽¹⁾	8,300	106	37	19	11.15	1.20	0.88	0.45	
829	849	Roadway ⁽¹⁾	15,285	157	55	27	11.10	2.26	1.3031	0.64	
822	842	Roadway ⁽¹⁾	15,300	196	69	34	14.58	1.26	1.6364	0.81	
823	843	Roadway ⁽¹⁾	14,831	206	72	36	16.80	1.38	1.71	0.85	
835	855	Post Top(1)	5,176	60	21	11	16.53	2.28	0.50	0.26	
824	844	Post Top(1)	3,974	67	24	12	19.67	1.54	0.57	0.28	
825	845	Post Top ⁽¹⁾	6,030	99	35	17	20.51	1.56	0.83	0.40	
836	856	Post Top(1)	7,360	100	35	18	16.70	2.28	0.83	0.43	
830	850	Area-Lighter(1)	14,100	152	53	27	14.85	2.51	1.26	0.64	
826	846	Area-Lighter(1)	13,620	202	71	35	19.10	1.41	1.68	0.83	
827	847	Area-Lighter ⁽¹⁾	21,197	309	108	54	20.60	1.55	2.56	1.28 0.991	
831	851	Flood ⁽¹⁾	22,122	238	83	42	15.90	3.45	1.97	00	
832	852	Flood ⁽¹⁾	32,087	359	126	63	19.16	4.10	2.9899	1.49	
833	853	Mongoose ⁽¹⁾	24,140	245	86	43	14.71	3.04	2.04	1.02	
834	854	Mongoose ⁽¹⁾	32,093	328	115	57	16.31	3.60	2.7273	1.35	

Continued to Sheet No. 6.810

 ⁽¹⁾ Closed to new business
 (2) Average
 (3) Average wattage. Actual wattage may vary by up to +/- 5 watts.
 (4) The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.369373¢ per kWh for each fixture.

Docket No. 20200064-EI Attachment A Page 25 of 28 Date: October 22, 2020



FIFTH SIXTH REVISED SHEET NO. 6.809 CANCELS FOURTH FIFTH REVISED SHEET NO. 6.809

Continued from Sheet No. 6.808

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

			Size			Charges per Unit (\$)				
Rate	Code				kW	'h ⁽¹⁾⁾			Base B	Energy ⁽³⁾
Dusk to Dawn	Timed Svc.	Description	Initial Lumens ⁽¹⁾	Lamp Wattage ⁽²⁾	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Timed Svc.
912	981	Roadway	2,600	27	9	5	4.83	1.74	0.21	0.12
914		Roadway	5,392	47	16		5.97	1.74	0.38 0. 73 7	
921		Roadway/Area	8,500	88	31		8.97	1.74	4	
926	982	Roadway	12,414	105	37	18	6.83	1.19	0.88 1. 11 1	0.43
932		Roadway/Area	15,742	133	47		14.15	1.38	1. <u>481</u>	
935		Area-Lighter	16,113	143	50		11.74	1.41	9	
937		Roadway	16,251	145	51		8.61	2.26	1.21	
941	983	Roadway	22,233	182	64	32	11.81	2.51	1.52	0.76
945	8080.000	Area-Lighter	29,533	247	86		16.07	2.51	2.04	57. 35.00
947	984	Area-Lighter	33,600	330	116	58	20.13	1.55	2.75	1.3738
951	985	Flood	23,067	199	70	35	11.12	3.45	1.66	0.83
953	986	Flood	33,113	255	89	45	21.48	4.10	2.11	1.07
956	987	Mongoose	23,563	225	79	39	11.78	3.04	1.87 2. 77 7	0.9293
958		Mongoose	34,937	333	117		17.84	3.60	8	
965		Granville Post Top (PT)	3,024	26	9		5.80	2.28	0.21	
967	988	Granville PT	4,990	39	14	7	13.35	2.28	0.33	0.17
968	989	Granville PT Enh(4)	4,476	39	14	7	15.35	2.28	0.33	0.17
971		Salem PT	5,240	55	19		10.95	1.54	0.45	
972		Granville PT	7,076	60	21		14.62	2.28	0.50	
973		Granville PT Enh(4)	6,347	60	21		16.62	2.28	0.50	
975	990	Salem PT	7,188	76	27	13	13.17	1.54	0.64	0.31

Continued to Sheet No. 6.810

⁽a) The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.369373¢ per kWh for each fixture.

(b) Enhanced Post Top. Customizable decorative options

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 26 of 28



NINTH-TENTH REVISED SHEET NO. 6.815 CANCELS EIGHTH NINTH REVISED SHEET NO. 6.815

Continued from Sheet No. 6.810

Miscellaneous Facilities Charges:

Rate Code	Description	Monthly Facility Charge	Monthly Maintenance Charge
563	Timer	\$7.54	\$1.43
569	PT Bracket (accommodates two post top fixtures)	\$4.27	\$0.06

NON-STANDARD FACILITIES AND SERVICES:

The customer shall pay all costs associated with additional company facilities and services that are not considered standard for providing lighting service, including but not limited to, the following:

- relays;
- 2. distribution transformers installed solely for lighting service;
- protective shields;
- 4. bird deterrent devices;
- 5. light trespass shields;
- 6. light rotations;
- 7. light pole relocations;
- devices required by local regulations to control the levels or duration of illumination including associated planning and engineering costs;
- 9. removal and replacement of pavement required to install underground lighting cable; and
- directional boring.

MINIMUM CHARGE: The monthly charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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: See Sheet No. 6.021

PAYMENT OF BILLS: See Sheet No. 6.022

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 2.369373¢ per kWh of metered usage, plus a Basic Service Charge of \$10.52 per month and the applicable additional charges as specified on Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.820

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 27 of 28



SECOND-THIRD REVISED SHEET NO. 6.830 CANCELS FIRST-SECOND SHEET NO. 6.830

CUSTOMER SPECIFIED LIGHTING SERVICE

SCHEDULE: LS-2

AVAILABLE: Entire service area

APPLICABLE:

Customer Specified Lighting Service is applicable to any customer for the sole purpose of lighting roadways or other outdoor areas. Service hereunder is provided for the sole and exclusive benefit of the customer, and nothing herein or in the contract executed hereunder is intended to benefit any third party or to impose any obligation on the Company to any such third party. At the Company's option, a deposit amount of up to a two (2) month's average bill may be required at anytime.

CHARACTER OF SERVICE:

Service is provided during the hours of darkness normally on a dusk-to-dawn basis. At the Company's option and at the customer's request, the company may permit a timer to control a lighting system provided under this rate schedule that is not used for dedicated street or highway lighting. The Company shall install and maintain the timer at the customer's expense. The Company shall program the timer to the customer's specifications as long as such service does not exceed 2,100 hours each year. Access to the timer is restricted to company personnel.

LIMITATION OF SERVICE:

Installation shall be made only when, in the judgment of the Company, location of the proposed lights are, and will continue to be, feasible and accessible to Company personnel and equipment for both construction and maintenance and such installation is not appropriate as a public offering under LS-1.

TERM OF SERVICE:

Service under this rate schedule shall, at the option of the customer, be for an initial term of twenty (20) years beginning on the date one or more of the lighting equipment is installed, energized, and ready for use and shall continue after the initial term for successive one-year terms until terminated by either party upon providing ninety (90) days prior written notice.

SPECIAL CONDITIONS:

On 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 2.369373¢ per kWh of metered usage, plus a Basic Service Charge of \$10.52 per month and the applicable additional_charges as specified on Sheet Nos. 6.020 and 6.021

Continued to Sheet No. 6.835

Docket No. 20200064-EI Attachment A
Date: October 22, 2020 Page 28 of 28



SECOND-THIRD REVISED SHEET NO. 6.835 CANCELS FIRST SECOND SHEET NO. 6.835

Continued from Sheet No. 6.830

MONTHLY RATE: The monthly charge shall be calculated by applying the monthly rate of 1.19% to the In-Place Value of the customer specific lighting facilities identified in the Outdoor Lighting Agreement entered into between the customer and the Company for service under this schedule.

The In-Place Value may change over time as new lights are added to the service provided under this Rate Schedule to a customer taking service, the monthly rate shall be applied to the In-Place Value in effect that billing month.

NON-STANDARD FACILITIES AND SERVICES:

The customer shall pay all costs associated with additional company facilities and services that are not considered standard for providing lighting service, including but not limited to, the following:

- relays;
- 2. distribution transformers installed solely for lighting service;
- protective shields;
- 4. bird deterrent devices;
- 5. light trespass shields;
- light rotations;
- 7. light pole relocations;
- devices required by local regulations to control the levels or duration of illumination including associated planning and engineering costs;
- 9. removal and replacement of pavement required to install underground lighting cable;
- directional boring;
- 11. specialized permitting that is incremental to a standard construction permit; and
- specialized engineering scope required by either the customer or by local code or ordinance that is unique to the requested work.

Payment may be made in a lump sum at the time the agreement is entered into, or at the customer's option these non-standard costs may be included in the In-Place Value to which the monthly rate will be applied.

MINIMUM CHARGE: The monthly charge.

ENERGY CHARGE: For monthly energy served under this rate schedule, 2.369373 ¢ per kWh.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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. 6.022

FRANCHISE FEE: See Sheet No. 6.022

PAYMENT OF BILLS: See Sheet No. 6.022