## BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition for a limited proceeding to approve fourth SoBRA, by Tampa Electric Company. DOCKET NO. 20200064-EI ORDER NO. PSC-2020-0448-TRF-EI ISSUED: November 20, 2020

The following Commissioners participated in the disposition of this matter:

GARY F. CLARK, Chairman ART GRAHAM JULIE I. BROWN DONALD J. POLMANN ANDREW GILES FAY

# ORDER GRANTING TAMPA ELECTRIC COMPANY'S PETITION FOR APPROVAL OF FOURTH SOLAR BASE RATE ADJUSTMENT AND APPROVING TARIFF

BY THE COMMISSION:

## Background

By Order No. PSC-2017-0456-S-EI, issued on November 27, 2017, we approved Tampa Electric Company's (TECO or Company) Amended and Restated Stipulation and Settlement Agreement (2017 Settlement).<sup>1</sup> 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.

On June 5, 2018, we 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.<sup>2</sup> On December 7, 2018, we 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.<sup>3</sup> On November 12, 2019, we approved TECO's Third SoBRA tranche which consisted of two solar projects, Wimauma and Little Manatee River, with a total

<sup>&</sup>lt;sup>1</sup> 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*.

<sup>&</sup>lt;sup>2</sup> 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.

<sup>&</sup>lt;sup>3</sup> 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.

installed capacity of 149.3 MW.<sup>4</sup> 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 below.

By Order No. PSC-2020-0224-AS-EI, issued June 30, 2020, we approved TECO's 2020 Settlement Agreement (2020 Settlement).<sup>5</sup> 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, we 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.<sup>6</sup>

On February 27, 2020, as required by the 2017 Settlement, TECO notified this 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. We have jurisdiction pursuant to Sections 366.06 and 366.076, Florida Statutes (F.S.).

## Decision

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.

## Cost Recovery Eligibility

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. We 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.<sup>7</sup> The recovery for the remaining 14.4 MW may be addressed in a future docket.

<sup>&</sup>lt;sup>4</sup> 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.* 

<sup>&</sup>lt;sup>5</sup> 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.* 

<sup>&</sup>lt;sup>6</sup> 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.* 

<sup>&</sup>lt;sup>7</sup> 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.

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 inservice 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 in-service dates were no later than April 25, 2019, and the weighted average installed cost was \$1,448/kW<sub>ac</sub>. The in-service date and installed cost for each project in the First and Second SoBRAs are listed in Table 1.

In-Service Dates and Installed Costs for First and Second SoBRA Projects			
Project Name	In-Service Date	Installed Cost (\$/kW <sub>ac</sub> )	
	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	

 Table 1

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

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* 

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.

## **Cost-Effectiveness**

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.<sup>8</sup> 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. However, 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.

Cost-Enectiveness Analysis Results					
	Avoided Unit and Capacity Comparisons				
CO <sub>2</sub> Emissions	Reciprocating Engine	<b>Reciprocating Engine</b>	<b>Combustion Turbine</b>		
	(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		

Table 2 Cost-Effectiveness Analysis Results

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

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.

# Installed Costs

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

<sup>&</sup>lt;sup>8</sup> 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.* 

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 by subcategory.

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	

Table 3
Projected Installed Cost for Fourth SoBRA

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

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.

## Annual Revenue Requirement

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.<sup>9</sup> The framework included conditions by which the Company can petition this Commission to implement project-specific estimated annual revenue requirements, beginning on specified dates, subject to certain agreed-upon conditions.<sup>10</sup> 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 that we 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.<sup>11</sup>

The cumulative Fourth SoBRA annual revenue requirement is initially formulated using an estimated capital cost (Issue 3). Other delineated components of the revenue requirement

<sup>&</sup>lt;sup>9</sup> 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*.

<sup>&</sup>lt;sup>10</sup> 2017 Settlement, ¶6(b).

<sup>&</sup>lt;sup>11</sup> 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.* 

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.<sup>12</sup>

Table 4 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.

Fourth SoBRA Estimated Annual Revenue Requirement		
Plant Durrance	<b>Revenue Requirement (\$000)</b>	
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>	

Table 4Fourth SoBRA Estimated Annual Revenue Requirement

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

\*May not compute exactly due to rounding.

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

# Base Rate Increase

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. 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. Based on the calculations provided by Witness Ashburn, we find that the base rate increase was calculated in accordance with the 2017 Settlement.

Based on the foregoing, it is

ORDERED by the Florida Public Service Commission that Tampa Electric Company's Petition for Approval of the Fourth Solar Base Rate Adjustment is granted. It is further

ORDERED that Tampa Electric Company's proposed tariff, as shown in Attachment A, is approved effective with the first billing cycle of January 2021. It is further

ORDERED that if a protest is filed within 21 days of issuance of the Order, the tariff shall remain in effect with any charges held subject to refund pending resolution of the protest. It is further

ORDERED that if no timely protest is filed, this docket shall be closed upon the issuance of a Consummating Order.

By ORDER of the Florida Public Service Commission this 20th day of November, 2020.

ADAM/J. TEITZMAN Commission Clerk Florida Public Service Commission 2540 Shumard Oak Boulevard Tallahassee, Florida 32399 (850) 413-6770 www.floridapsc.com

Copies furnished: A copy of this document is provided to the parties of record at the time of issuance and, if applicable, interested persons.

SPS

### NOTICE OF FURTHER PROCEEDINGS

The Florida Public Service Commission is required by Section 120.569(1), Florida Statutes, to notify parties of any administrative hearing or judicial review of Commission orders that is available under Sections 120.57 or 120.68, Florida Statutes, as well as the procedures and time limits that apply. This notice should not be construed to mean all requests for an administrative hearing or judicial review will be granted or result in the relief sought.

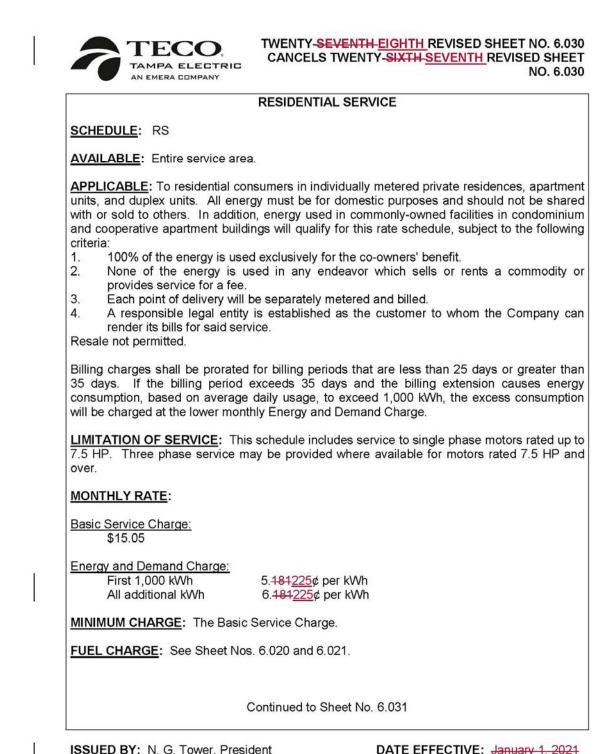
Mediation may be available on a case-by-case basis. If mediation is conducted, it does not affect a substantially interested person's right to a hearing.

The Commission's decision on this tariff is interim in nature and will become final, unless a person whose substantial interests are affected by the proposed action files a petition for a formal proceeding, in the form provided by Rule 28-106.201, Florida Administrative Code. This petition must be received by the Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida 32399-0850, by the close of business on December 11, 2020.

In the absence of such a petition, this Order shall become final and effective upon the issuance of a Consummating Order.

Any objection or protest filed in this docket before the issuance date of this order is considered abandoned unless it satisfies the foregoing conditions and is renewed within the specified protest period.

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ISSUED BY: N. G. Tower, President

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			H- <u>NINTH REVISED SHEET NO. 6.05</u> SEVENTH <u>EIGHTH</u> REVISED SHEE NO. 6.05
	GENE	RAL SERVICE - NOM	N DEMAND
SCHEDULE: GS			
AVAILABLE: Ent	ire service area	a.	
energy consumption consecutive billing p exceeds 35 days, th	has not exc periods ending ne energy con	ceeded 9,000 kWh with the current bil	ents not classified as residential whose in any one of the prior twelve (1 ling period. For any billing period the rorated to that of a 30-day amount for t permitted.
CHARACTER OF S higher, at Company's		le or 3 phase, 60 c	cycles and approximately 120 volts
LIMITATION OF SE Standby service per			e shall be furnished through one mete
MONTHLY RATE:			
Basic Service Charg Metered acco Un-metered a	unts \$	\$18.06 \$15.05	
Energy and Demand 5.448 <u>496</u> ¢ pe	<u>l Charge:</u> r kWh		
MINIMUM CHARGE	: The Basic S	Service Charge.	
power supply service	e shall be 0.46	8169¢ per kWh of bi	he monthly charge for emergency rel illing energy. This charge is in addition Company as a contribution-in-aid
	Co	ontinued to Sheet No	. 6.051
ISSUED BY: N. G.	Tower Preside	ent	DATE EFFECTIVE: January 1, 202

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1	TECO. TAMPA ELECTRIC AN EMERA COMPANY	CANCELS	<mark>EVENTH-<u>EIGHTH</u> REVISED S</mark> S TWENTY- <mark>SIXTH-SEVENTH</mark> R	HEET NO. 6.080 EVISED SHEET NO. 6.080
	G	SENERAL SEF	RVICE - DEMAND	
	SCHEDULE: GSD			
	AVAILABLE: Entire service a	area.		
	APPLICABLE: To any custom one of the prior twelve (12) con Also available to customers with period who agree to remain on that exceeds 35 days, the energy purposes of administering this re	nsecutive billin n energy consu this rate for at gy consumptior	g periods ending with the curre imption at any level below 9,00 least twelve (12) months. For a n shall be prorated to that of a 30	ent billing period. 0 kWh per billing any billing period
	CHARACTER OF SERVICE:	A-C; 60 cycles	; 3 phase; at any standard Com	pany voltage.
	LIMITATION OF SERVICE: less than 20% of their on-site I emergency purposes.		ce is permitted only for custome ents or whose generating equip	
	MONTHLY RATE:			
	STANDARD		OPTIONAL	
	Basic Service Charge: Secondary Metering Voltage Primary Metering Voltage Subtrans. Metering Voltage	\$ 30.10 \$ 130.44 \$ 993.27	Basic Service Charge: Secondary Metering Voltage Primary Metering Voltage Subtrans. Metering Voltage	\$ 30.10 \$ 130.44 \$ 993.27
I	<u>Demand Charge:</u> \$10. <del>76.<u>92</u>per kW of billin</del>	ng demand	Demand Charge: \$0.00 per kW of billing of	lemand
I	Energy Charge: 1.589¢ per kWh		<u>Energy Charge:</u> 6. <del>585<u>595</u>¢ per kWh</del>	
	The customer may select eith customer must remain on that o			is selected, the
T			Sheet No. 6.081	
	ISSUED BY: N. G. Tower, Pres	sident	DATE EFFECTIVE:	January 1, 2021

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### 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.

**DELIVERY VOLTAGE CREDIT:** When a customer under the standard rate takes service at primary voltage, a discount of 9091¢ per kW of billing demand will apply. A discount of \$2.77 81 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  $0.237240^{\circ}$  per kWh will apply. A discount of  $0.724735^{\circ}$  per kWh will apply when a customer under the optional rate takes service at subtransmission or higher voltage.

Continued to Sheet No. 6.082

ISSUED BY: N. G. Tower, President

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### 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  $7472\phi$  per kW of billing demand for customers taking service under the standard rate and  $0.479182\phi/kWh$  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.

ISSUED BY: N. G. Tower, President

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I		TH- <u>SIXTH</u> REVISED SHEET NO. 6.085 FOURTH <u>FIFTH</u> REVISED SHEET NO. 6.085
	INTERRUPTIBLE SE (CLOSED TO NEW BUSINESS A	
	SCHEDULE: IS	
	AVAILABLE: Entire Service Area.	
	<b><u>APPLICABLE</u></b> : To be eligible for service under Rate been taking interruptible service under rate schedules on May 6, 2009 and have signed the Agreement Management Service under Rate Schedule GSLM-2. It than one location, each such location or point of delivi- customer. Resale not permitted.	IS-1, IST-1, IS-3, IST-3, SBI-1, or SBI-3 for the Purchase of Industrial Load When electric service is desired at more
	CHARACTER OF SERVICE: The electric energy phase primary voltage or higher.	supplied under this schedule is three
	<b><u>LIMITATION OF SERVICE</u></b> : Standby service is generate less than 20% of their on-site load requirem used for emergency purposes.	permitted only for customers who ents or whose generating equipment is
	MONTHLY RATE:	
	Basic Service Charge: Primary Metering Voltage\$ 624.05 \$ 624.05Subtransmission Metering Voltage\$ 2,379.85	
I	<u>Demand Charge:</u> \$ <del>3.90<u>4.07</u> per KW of billing demand</del>	
	Energy Charge: 2.513¢ per KWH	
	Continued to Sheet No	o. 6.086
1	ISSUED BY: N. G. Tower, President	DATE EFFECTIVE: January 1, 2021

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[	TECO, TAMPA ELECTRIC AN EMERA COMPANY TWENTY-THIRD-FOURTH REVISED SHEET NO. 6.086 CANCELS TWENTY-SECOND-THIRD REVISED SHEET NO. 6.086
	Continued from Sheet No. 6.085
	<b>BILLING DEMAND:</b> The highest measured 30-minute interval KW demand during the month. <b>MINIMUM CHARGE:</b> The Basic Service Charge and any Minimum Charge associated with optional riders.
	<b>POWER FACTOR:</b> 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 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.
t	<b>DELIVERY VOLTAGE CREDIT:</b> 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.
I	<b>EMERGENCY RELAY POWER SUPPLY CHARGE:</b> 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

ISSUED BY: N. G. Tower, President

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[	TECO. TAMPA ELECTRIC AN EMERA COMPANY THIRTY-THIRD FOURTH REVISED SHEET NO. 6.290 CANCELS THIRTY-SECOND THIRD REVISED SHEET NO. 6.290 6.290
	CONSTRUCTION SERVICE
	SCHEDULE: CS
	AVAILABLE: Entire service area.
	APPLICABLE: Single phase temporary service used primarily for construction purposes.
	<b>LIMITATION OF SERVICE:</b> 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
1	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.
	<b>MISCELLANEOUS:</b> 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.
T	
1	ISSUED BY: N. G. Tower, President DATE EFFECTIVE: January 1, 2021

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	TECO. TAMPA ELECTRIC AN EMERA COMPANY 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.
	<b>APPLICABLE:</b> 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.
	<b><u>CHARACTER OF SERVICE</u></b> : Single or 3 phase, 60 cycles and approximately 120 volts or higher, at Company's option.
	<b><u>LIMITATION OF SERVICE</u></b> : All service under this rate shall be furnished through one meter. Standby service permitted.
	MONTHLY RATE:
	Basic Service Charge: \$20.07
I	<u>Energy and Demand Charge:</u> 12. <del>371<u>594</u>¢ per kWh during peak hours 3.053¢ per kWh during off-peak hours</del>
	Continued to Sheet No. 6.321

ISSUED BY: N. G. Tower, President

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	TECO. TAMPA ELECTRIC AN EMERA COMPANY TWENTY-SECOND THIRD REVISED SHEET NO. 6.321 CANCELS TWENTY-FIRST SECOND REVISED SHEET NO. 6.321
	Continued from Sheet No. 6.320
	<b>DEFINITIONS OF THE USE PERIODS:</b> 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 Peak Hours:         November 1 - March 31 6:00 AM - 10:00 AM and 6:00 PM - 10:00 PM
	<u>Off-Peak Hours:</u> 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.
	<b>BASIC SERVICE CHARGE CREDIT:</b> 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.
	<b>TERMS OF SERVICE</b> : 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.
Ι	<b>EMERGENCY RELAY POWER SUPPLY CHARGE:</b> 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.
	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
Ĩ	ISSUED BY: N. G. Tower, President DATE EFFECTIVE: January 1, 2020

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1	TECO, TAMPA ELECTRIC AN EMERA COMPANY 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.
	<b>APPLICABLE:</b> 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.
	<b>LIMITATION OF SERVICE:</b> 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\$ 30.10Primary Metering Voltage\$ 130.44Subtransmission Metering Voltage\$ 993.27
	<u>Demand Charge:</u> \$3.44 <u>49</u> per kW of billing demand, plus \$7.94 <u>14</u> 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
1	ISSUED BY: N. G. Tower, President DATE EFFECTIVE: January 1, 2021

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### 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  $\frac{9091}{2}$  per kW of billing demand will apply. When the customer takes service at subtransmission or higher voltage, a discount of \$2.77-81 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.

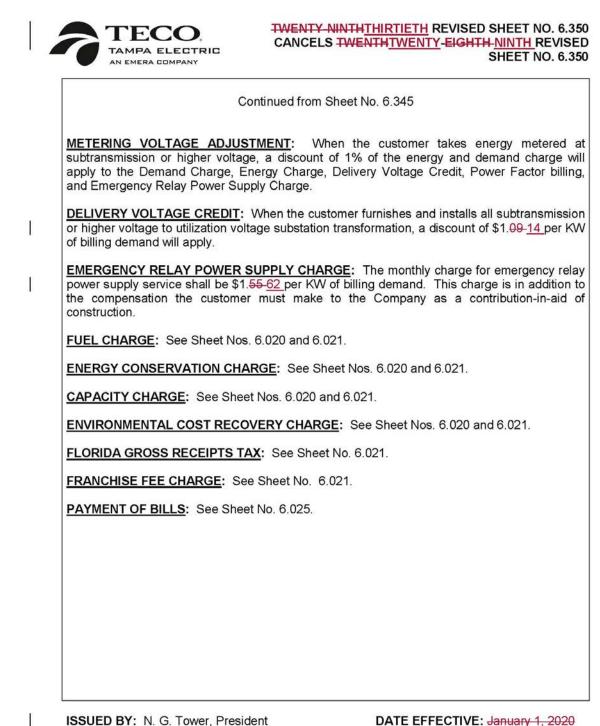
PAYMENT OF BILLS: See Sheet No. 6.022.

ISSUED BY: N. G. Tower, President

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1	TECO, TAMPA ELECTRIC AN EMERA COMPANY		TH- <u>SIXTH</u> REVISED SHEET NO. 6.340 NTY- <del>FOURTH <u>FIFTH</u> REVISED SHEET</del> NO. 6.340
		TIME OF DAY FERRUPTIBLE SE IEW BUSINESS A	
	SCHEDULE: IST		
	AVAILABLE: Entire Service Area.		
	been taking interruptible service und on May 6, 2009 and have signe Management Service under Rate So	der rate schedules d the Agreement chedule GSLM-2.	e Schedule IST, a customer must have IS-1, IST-1, IS-3, IST-3, SBI-1, or SBI-3 t for the Purchase of Industrial Load When electric service is desired at more very shall be considered as a separate
	CHARACTER OF SERVICE: The eprimary voltage or higher.	electric energy sup	plied under this schedule is three phase
			nitted only for customers who generate whose generating equipment is used for
	Basic Service Charge: Primary Metering Voltage Subtransmission Metering Volta	\$ 624.05 ge \$2,379.85	
I	Demand Charge: \$3.904.07 per KW of billing d	emand	
	Energy Charge: 2.513¢ per KWH		
	Cor	ntinued to Sheet N	0. 6.345
I	ISSUED BY: N. G. Tower, Presider	nt	DATE EFFECTIVE: January 1, 2021

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TECO, TAMPA ELECTRIC AN EMERA COMPANY	CANCELS TWEE	THIRTEENTH FOURTEENTH REVISED SHEET NO. 6.56 CANCELS TWELFTH THIRTEENTH REVISED SHEET NO 6.56								
	Continued from Shee	et No. 6.560								
MONTHLY RATES: Basic Service Charge:	\$15.05	\$15.05								
Energy and Demand Charges:	5.495 <u>539</u> ¢ per kW	/h (for all pricing period	ds)							
MINIMUM CHARGE: The Bas	ic Service Charge.									
FUEL CHARGE: See Sheet No	os. 6.020 and 6.021.									
ENERGY CONSERVATION CI	HARGE: See Sheet	Nos. 6.020 and 6.021	2							
CAPACITY CHARGE: See Sh										
ENVIRONMENTAL COST REC			and 6 021							
FLORIDA GROSS RECEIPTS										
FRANCHISE FEE CHARGE:										
<b><u>PAYMENT OF BILLS:</u></b> See Sh <u><b>DETERMINATION OF PRICIN</b></u> weekdays and weekends. T (Moderate Cost Hours) and P <sub>3</sub>	IG PERIODS: Pric he pricing periods f	or price levels P1 (L	lished by season fo ow Cost Hours), P							
May through October	P1	P <sub>2</sub>	P <sub>3</sub>							
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	P1	P <sub>2</sub>	P <sub>3</sub>							
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 I discretion of the Company. Lev										
	Continued to Sheet	No. 6.570								

ISSUED BY: N. G. Tower, President

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				<u>ENTH</u> REVISED SH TEENTH <u>EIGHTEI</u> SH	
	C	ontinued from She	et No. 6.6	600	
	CHARGE	S FOR SUPPLE	MENTAL	SERVICE:	
<u>Demand Charge:</u> \$10. <del>76<u>92</u></del>	per kW-Mon Demand Cha		ntal Billin	g Demand (Supp	lemental Billing
Energy Charge: 1.589¢	per Supplem	ental kWh			
DEFINITIONS OF programmed to au vice-versa.)				stated in clock tim ndard to daylight s	
<u>Peak Hours:</u> (Monday-Friday)	<u>April 1</u> 12:00	<u>- October 31</u> Noon - 9:00 PM	Nover	<u>nber 1 - March 31</u> 6:00 AM - 10:00 A and 6:00 PM - 10:00 F	
<u>Off-Peak Hours:</u> Year's Day, Memo Day shall be off-pe	rial Day, Indep			ırs on Saturdays, Thanksgiving Day	
BILLING UNITS: Demand Units:		nand - The highes e company during		red 30-minute inter h.	rval kW demand
	the company		the Cor	tomer generation p mpany, occurring i	
		generation 10% o		evel equaled or e rered intervals duri	
	Site Load de		ute interv	nount, if any, by w val in the month e d Demand.	
	(	Continued to Shee	et No. 6.60	02	
ISSUED BY: N. G	. Tower, Presid	dent	DAT	re effective: 🚽	anuary 1, 2021

ISSUED BY: N. G. Tower, President

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	TECO, TAMPA ELECTRIC AN EMERA COMPANY										
	Continued from Sheet No. 6.602										
	METERING VOLTAGE ADJUSTMENT: 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.										
1	<b>DELIVERY VOLTAGE CREDIT:</b> When the customer takes service at primary voltage, a discount of 9091¢ per kW of Supplemental Demand and 63¢ per kW of Standby Demand will apply.										
1	When the customer takes service at subtransmission or higher voltage, a discount of \$2.77- <u>81</u> per kW of Supplemental Demand and \$1.97 per kW of Standby Demand will apply.										
Ī	<b>EMERGENCY RELAY POWER SUPPLY CHARGE:</b> 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.										
	<b>FUEL CHARGE:</b> 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.										

ISSUED BY: N. G. Tower, President

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		FIFTEENTH CANCELS FOU	- <u>SIXTEENTH</u> REVISED SHEET NO. 6.606 IRTEENTH <u>FIFTEENTH</u> REVISED SHEET NO. 6.606
	Co	ntinued from Shee	et No. 6.605
	CHARGE	S FOR SUPPLEM	IENTAL SERVICE
Demand Charge: \$3.44 <u>49</u> \$7. <del>04<u>14</u> Energy Charge: 2.908¢ 1.049¢</del>	Charge), plus per kW-Month Demand Char per Suppleme	n of Supplemental	
DEFINITIONS OF programmed to an vice-versa.)	THE USE PEI utomatically adj	<b>RIODS</b> : All time ust for changes f	periods stated in clock time. (Meters are rom standard to daylight saving time and
<u>Peak Hours:</u> (Monday-Friday)	<u>April 1</u> 12:00 I	<u>- October 31</u> Noon - 9:00 PM	<u>November 1 - March 31</u> 6:00 AM - 10:00 AM and 6:00 PM - 10:00 PM
<u>Off-Peak Hours:</u> Year's Day, Memo Day shall be off-pe	orial Day, Indep		all hours on Saturdays, Sundays, New oor Day, Thanksgiving Day and Christmas
BILLING UNITS: Demand Units:		and - The highest Company during t	measured 30-minute interval kW demand the month.
			highest measured 30-minute interval kW y during the peak hours.
	the company		I of Customer generation plus deliveries by the company, occurring in the same 30-h.
	C	ontinued to Sheet	No. 6.607
ISSUED BY: N. G	6. Tower, Presid	ent	DATE EFFECTIVE: January 1, 2021

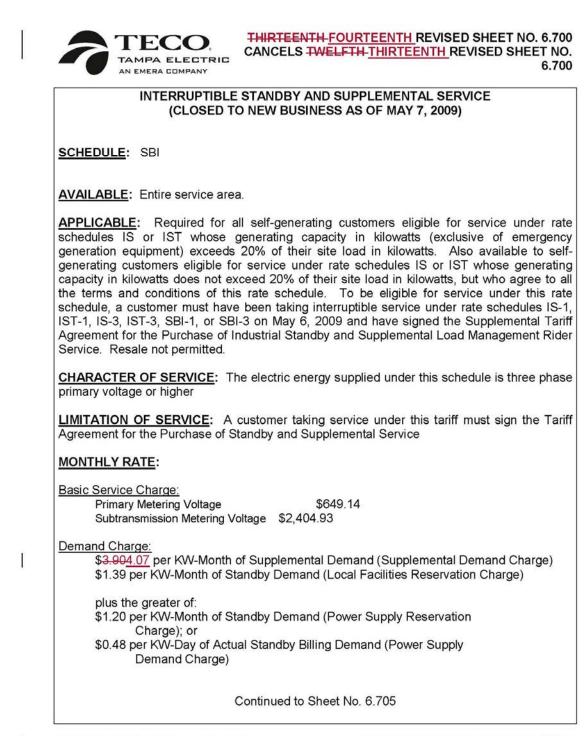
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I	<b>SIXTEENTH SEVENTEEN</b> REVISED SHEET NO. 6.608 CANCELS FIFTEENTH SIXTEENTH REVISED SHEET NO. 6.608 6.608
	Continued from Sheet No. 6.607
	<b>TERM OF SERVICE:</b> Any customer receiving service under this schedule will be required to give the 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.
	<b>TEMPORARY DISCONTINUANCE OF SERVICE:</b> 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.
	<b>POWER FACTOR:</b> When the average power factor during the month is less than 85%, the monthly bill will be increased $0.201\phi$ 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.
	<b>METERING VOLTAGE ADJUSTMENT:</b> 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.
Ι	<b>DELIVERY VOLTAGE CREDIT</b> : When the customer takes service at primary voltage, a discount of 9091¢ per kW of Supplemental Demand and 63¢ per kW of Standby Demand will apply.
I	When the customer takes service at subtransmission or higher voltage, a discount of \$2.77- <u>81</u> per kW of Supplemental Demand and \$1.97 per kW of Standby Demand will apply.
Ι	<b>EMERGENCY RELAY POWER SUPPLY CHARGE:</b> 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

ISSUED BY: N. G. Tower, President

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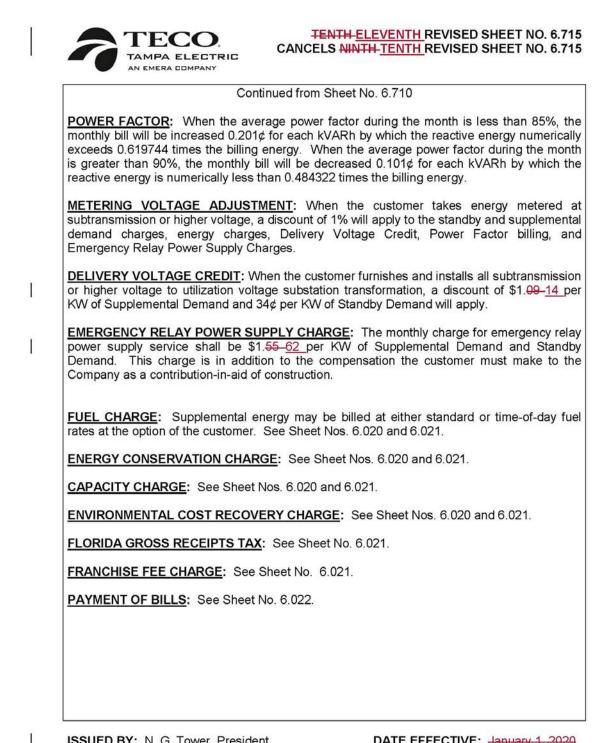
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ISSUED BY: N. G. Tower, President

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ISSUED BY: N. G. Tower, President



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

(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.

Continued to Sheet No. 6.806

ISSUED BY: N. G. Tower, President

DATE EFFECTIVE: January 1, 2021

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### 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 Siz	е		C	harges pe	er Unit (\$)	
Rate Code					KV	Wh			Base E	nergy <sup>(4</sup>
Dusk to Dawn	Timed Svc.	Description	Initial Lumens <sup>(2)</sup>	Lamp Wattage <sup>(3)</sup>	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Time Svc.
704	724	Cobra <sup>(1)</sup>	29,700	350	138	69	7.53	4.99	3.27	1.63 <u>0</u>
520	522	Cobra <sup>(1)</sup>	32,000	400	159	79	6.03	4.01	3.77	1.87 1.63
705	725	Flood <sup>(1)</sup>	29,700	350	138	69	8.55	5.04	3.27	4
556	541	Flood <sup>(1)</sup>	32,000	400	159	79	8.36	4.02	3.77 9. <del>070</del>	1.87 4.52
558	578	Flood <sup>(1)</sup>	107,800	1,000	383	191	10.50	8.17	9	3
701	721	General PT <sup>(1)</sup>	12,000	150	67	34	10.60	3.92	1.59 1. <del>75</del> 7	0.81
574	548	General PT <sup>(1)</sup>	14,400	175	74	37	10.89	3.73	<u>6</u>	0.88
700	720	Salem PT <sup>(1)</sup>	12,000	150	67	34	9.33	3.92	1.59 1. <del>75<u>7</u></del>	0.81
575	568	Salem PT <sup>(1)</sup>	14,400	175	74	37	9.38	3.74	6	0.88
702	722	Shoebox <sup>(1)</sup>	12,000	150	67	34	7.22	3.92	1.59 1. <del>75<u>7</u></del>	0.81
564	549	Shoebox <sup>(1)</sup>	12,800	175	74	37	7.95	3.70	<u>6</u>	0.88 1.63
703	723	Shoebox <sup>(1)</sup>	29,700	350	138	69	9.55	4.93	3.27	4
554	540	Shoebox <sup>(1)</sup>	32,000	400	159	79	10.02	3.97	3.77 9. <del>07<u>0</u></del>	1.87 4. <del>52</del>
576	577	Shoebox <sup>(1)</sup>	107,800	1,000	383	191	16.50	8.17	9	3

(1) Closed to new business

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<sup>(2)</sup> Lumen output may vary by lamp configuration and age.

<sup>(3)</sup> 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.

Continued to Sheet No. 6.808

ISSUED BY: N. G. Tower, President



### 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			8	Charges per l	Jnit (\$)	
Rate Code			ĸ		kW	'h <sup>(1)</sup>			Base Energy <sup>(4)</sup>	
Dusk to Dawn	Timed Svc.	Description	Initial Lumens <sup>(2)</sup>	Lamp Wattage <sup>(3)</sup>	Dusk to Dawn	Timed Svc.	Fixture	Maintenance	Dusk to Dawn	Time Svc.
828	848	Roadway <sup>(1)</sup>	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 <sup>(1)</sup>	8,300	106	37	19	11.15	1.20	0.88	0.45
829	849	Roadway <sup>(1)</sup>	15,285	157	55	27	11.10	2.26	1. <del>30</del> 31	0.64
822	842	Roadway <sup>(1)</sup>	15,300	196	69	34	14.58	1.26	1.6364	0.81
823	843	Roadway <sup>(1)</sup>	14,831	206	72	36	16.80	1.38	1.71	0.85
835	855	Post Top <sup>(1)</sup>	5,176	60	21	11	16.53	2.28	0.50	0.26
824	844	Post Top <sup>(1)</sup>	3,974	67	24	12	19.67	1.54	0.57	0.28
825	845	Post Top <sup>(1)</sup>	6,030	99	35	17	20.51	1.56	0.83	0.40
836	856	Post Top <sup>(1)</sup>	7,360	100	35	18	16.70	2.28	0.83	0.43
830	850	Area-Lighter <sup>(1)</sup>	14,100	152	53	27	14.85	2.51	1.26	0.64
826	846	Area-Lighter <sup>(1)</sup>	13,620	202	71	35	19.10	1.41	1.68	0.83
827	847	Area-Lighter <sup>(1)</sup>	21,197	309	108	54	20.60	1.55	2.56	1.28 0.991
831	851	Flood <sup>(1)</sup>	22,122	238	83	42	15.90	3.45	1.97	00
832	852	Flood <sup>(1)</sup>	32,087	359	126	63	19.16	4.10	2. <del>98</del> 99	1.49
833	853	Mongoose <sup>(1)</sup>	24,140	245	86	43	14.71	3.04	2.04	1.02
834	854	Mongoose <sup>(1)</sup>	32,093	328	115	57	16.31	3.60	2. <del>72<u>73</u></del>	1.35

(1) Closed to new business

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(a) Average
 (a) Average wattage. Actual wattage may vary by up to +/- 5 watts.
 (a) Average wattage. Actual wattage may vary by up to +/- 5 watts.
 (b) The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.369<u>373</u>¢ per kWh for each fixture.

Continued to Sheet No. 6.810

ISSUED BY: N. G. Tower, President



### 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 p	er Unit (\$	5)
Rate Code					kW	'h(1))			Base E	energy <sup>(3)</sup>
Dusk to Dawn	Timed Svc.	Description	Initial Lumens <sup>(1)</sup>	Lamp Wattage <sup>(2)</sup>	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Timeo 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. <del>73</del> 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. <del>11</del>	0.43
932		Roadway/Area	15,742	133	47		14.15	1.38	2 1. <u>481</u>	
935		Area-Lighter	16,113	143	50		11.74	1.41	9	
937	000	Roadway	16,251	145	51		8.61	2.26	1.21	0.70
941	983	Roadway	22,233	182	64	32	11.81	2.51	1.52	0.76
945	004	Area-Lighter	29,533	247	86	50	16.07	2.51	2.04	1 070
947	984	Area-Lighter	33,600	330	116	58	20.13	1.55	2.75	1.373
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. <del>77</del> 7	0.925
958		Mongoose	34,937	333	117		17.84	3.60	<u>8</u>	
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

<sup>(1)</sup> Average
 <sup>(2)</sup> Average wattage. Actual wattage may vary by up to +/- 10 %.
 <sup>(3)</sup> The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.369373¢ per kWh for each fixture.
 <sup>(4)</sup> Enhanced Post Top. Customizable decorative options

Continued to Sheet No. 6.810

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ISSUED BY: N. G. Tower, President



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

### 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

Continued from Sheet No. 6.810

### 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:

- 1. relays;
- 2. distribution transformers installed solely for lighting service;
- 3. 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
- 10. 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:

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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

ISSUED BY: N. G. Tower, President

Attachment A 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

ISSUED BY: N. G. Tower, President

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