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July 31, 2020

VIA: ELECTRONIC FILING

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Docket No. 20200064-EI; Petition by Tampa Electric Company for a limited proceeding to approve Fourth SoBRA effective January 1, 2021

Dear Mr. Teitzman:

Attached for filing in the above-styled matter are the following:

1. Tampa Electric Company Petition for Limited Proceeding to Approve Fourth SoBRA effective January 1, 2021.

2. Prepared Direct Testimony and Exhibit No ____ (JAA-1) of Jose A. Aponte.

3. Prepared Direct Testimony and Exhibit No. ____ (WRA-1) of William R. Ashburn.

4. Prepared Direct Testimony and Exhibit No. ___ (MDW-1) of Mark D. Ward.

Thank you for your assistance in connection with this matter.

Sincerely,

J. Jeffry Wahlen

JJW
Attachments

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition by Tampa Electric Company for a limited proceeding to approve Fourth SoBRA effective January 1, 2021.	))))	DOCKET NO. 20200064-EI FILED: July 31, 2020

TAMPA ELECTRIC COMPANY'S PETITION FOR LIMITED PROCEEDING TO APPROVE FOURTH SOBRA EFFECTIVE JANUARY 1, 2021

Consistent with its 2017 Amended and Restated Stipulation and Settlement Agreement and FPSC Order No. PSC-2017-0456-S-EI, issued November 27, 2017, and pursuant to Sections 366.076, 120.57(2) and 366.06(3), Florida Statutes, and Rule 28-106.301, F.A.C., Tampa Electric Company ("Tampa Electric" or "the company"), respectfully petitions the Florida Public Service Commission ("FPSC" or the "Commission") for a limited proceeding to approve its Fourth SoBRA, effective January 1, 2021, as specified herein.

BACKGROUND

On September 27, 2017, Tampa Electric filed a petition in Docket Nos. 20170210-EI and 20160160-EI, seeking approval of the 2017 Amended and Restated Stipulation and Settlement Agreement ("2017 Agreement"). As explained in Dockets Nos. 20170210-EI and 20160160-EI, the 2017 Agreement amends and restates the Stipulation and Settlement Agreement ("2013 Agreement") that resolved the issues in Tampa Electric's 2013 base rate case (Docket No. 20130040-EI). Among other things, the 2017 Agreement extends the general base rate freeze included in the 2013 Agreement and replaced the Generation Base Rate Adjustment ("GBRA") mechanism in the 2013 Agreement with a Solar Base Rate Adjustment ("SoBRA") mechanism

that includes a strict cost-effectiveness test and a $1,500 per kilowatt alternating current ("kW_{ac}") installed cost cap ("Installed Cost Cap") to protect customers.

The Commission approved the 2017 Agreement by bench vote after an evidentiary hearing on November 6, 2017, which decision was memorialized in Order No. PSC-2017-0456-S-EI, issued November 27, 2017 ("Final Order").

On June 5, 2018, the Commission entered its Order No. PSC-2018-0288-FOF-EI in Docket No. 20170260-EI, approving Tampa Electric's First SoBRA consisting of two solar projects (Balm and Payne Creek) totaling approximately 144.7 MW.

On December 7, 2018, the Commission entered its Order No. PSC–2018-0571-FOF-EI in Docket No. 20180133-EI, approving Tampa Electric's Second SoBRA consisting of five solar projects (Lithia, Grange Hall, Peace Creek, Bonnie Mine and Lake Handcock) totaling approximately 260.3 MW.

On November 12, 2019, the Commission entered its Order No. PSC–2019-0477-FOF-EI in Docket No. 20190136-EI, approving Tampa Electric's Third SoBRA consisting of two solar projects (Wimauma Solar and Little Manatee River Solar) totaling approximately 149.3 MW.

The first three SoBRAs approved by the Commission totaled 554.3 MW of solar capacity.

Paragraph 6(c) of the 2017 Agreement outlines the conditions under which the company may seek cost recovery of up to an additional 50 MW of solar capacity through a Fourth SoBRA, for a total of 600 MW of SoBRA projects. Under that provision, the company may seek SoBRA cost recovery of an additional 50 MW of solar capacity if the projects constituting the 2018 and 2019 Tranches (i.e., First and Second SoBRA) were "in-service and operating per design specifications as of December 31, 2019, and were constructed at an average capital cost of no more than $1,475 per $kW_{ac,}$" and satisfy the general cost cap ($1,500 per kW_{ac}) and cost effectiveness

tests (CPVRR) for all SoBRA projects. The 2017 Agreement also directed Tampa Electric to make a filing with the Commission by February 28, 2020, reflecting whether it has met the requirements to qualify the 2021 SoBRA Tranche for recovery through a Fourth SoBRA.

On February 27, 2020, Tampa Electric filed a letter notifying the Commission and Consumer Parties to the 2017 Agreement that it had met the requirements to qualify for the 2021 SoBRA Tranche and intended in July 2020 to petition for approval of its Fourth SoBRA totaling 45.7 MW with an effective date of January 1, 2021. The Commission opened this docket (Docket No. 20200064-EI) to receive filings associated with the company's Fourth SoBRA.

On May 4, 2020, Tampa Electric filed a Motion to Approve 2020 Agreement in four dockets, including Docket No. 20200064-EI, i.e., this Fourth SoBRA docket. As it relates to this docket, the 2020 Settlement Agreement ("2020 Agreement") included a stipulation that resolved a potential disagreement about how the average capital cost threshold for the Fourth SoBRA of no more than $1,475 per kW_{ac} in paragraph 6(c) of the 2017 Agreement was to be calculated. The Commission opened Docket No. 20200145-EI to serve as a centralized docket for consideration of all of the issues in the 2020 Agreement and approved the 2020 Agreement as reflected in Order No. PSC-2020-0224-AS-EI, issued June 30, 2020.

On April 30, 2020, Tampa Electric filed its Petition for a Limited Proceeding to True-Up First and Second SoBRA. Therein, the company indicated that the the combined actual revenue requirement with incentive for the seven projects in the First and Second SoBRAs was $77,000 less than the projected revenue requirement with incentives and requested that it be allowed to include that amount in its calculation of the revenue requirement and rates proposed for its Fourth SoBRA to be effective with the first billing cycle in January 2021. It also indicated that average capital cost for the First and Second SoBRAs was under the threshold of no more than $1,475 per

kW_{ac} under both of the possible calculations discussed in the 2020 Agreement, thereby making the possible dispute resolved in the 2020 Agreement moot and paving the way for the Commission to approve the Company's Fourth SoBRA when filed. The Commission opened Docket No. 20200144-EI for the true-up proceeding, and a staff recommendation is expected in early August 2020.

In this Petition, Tampa Electric seeks approval of (a) the Fourth SoBRA specified in subparagraph 6(b) of the 2017 Agreement and (b) the associated tariff changes necessary to implement the Fourth SoBRA. The Fourth SoBRA will provide cost recovery for 45.7 MW of solar generation capacity from one solar project, called Durrance Solar, that is reasonably expected to be in service on or before January 1, 2021. As explained below, these solar projects, the Fourth SoBRA and the associated tariff changes meet the standards for approval in the 2017 Agreement and should be approved.

I. Preliminary Information

1. The Petitioner's name and address are:

   Tampa Electric Company
   702 North Franklin Street
   Tampa, Florida 33602

2. Any pleading, motion, notice, order or other document required to be served upon Tampa Electric or filed by any party to this proceeding shall be served upon the following individuals:

James D. Beasley
jbeasley@ausley.com
J. Jeffry Wahlen
jwahlen@ausley.com
Malcolm N. Means
mmeans@ausley.com
Ausley McMullen
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Tallahassee, FL 32302
(850) 224-9115
(850) 222-7560 (fax)

Paula K. Brown
Manager, Regulatory Coordination
regdept@tecoenergy.com
Tampa Electric Company
P.O. Box 111
Tampa, FL 33601
(813) 228-1444

3. Tampa Electric, the Petitioner, is an investor-owned electric utility regulated by the Commission pursuant to Chapter 366, Florida Statutes, and is a wholly-owned subsidiary of TECO Energy, Inc., which is a wholly-owned subsidiary of Emera, Inc. The company's principal place of business is located at: 702 North Franklin Street, Tampa, Florida 33602.

4. Tampa Electric serves more than 750,000 retail customers in Hillsborough and portions of Polk, Pinellas and Pasco Counties in Florida.

5. This Petition represents an original pleading and is not in response to any proposed action by the Commission. Accordingly, the Petitioner is not responding to any proposed agency action.

II. Approval of the Fourth SoBRA

6. Paragraph 6 of the 2017 Agreement authorizes Tampa Electric to seek recovery through a Fourth SoBRA of up to 50MW of new solar generation to be in service on or before January 1, 2021 if the projects constituting the First and Second SoBRAs were "in-service and operating per design specifications as of December 31, 2019, and were constructed at an average capital cost of no more than $1,475 per kW_{ac}," and satisfy the general cost cap ($1,500 per kW_{ac}) and cost effectiveness tests for all SoBRA projects. Per the Agreement, for cost recovery purposes,

the effective date of the Fourth SoBRA can be no earlier than January 1, 2021, and the maximum incremental annual revenue requirement of the Fourth SoBRA may not exceed $10,200,000.

7. Subparagraph 6(i) of the 2017 Agreement specifies that the Fourth SoBRA be calculated using Tampa Electric's billing determinants from the company's most recent ECCR Clause filing and using projections of such billing determinants to align with the period for which the SoBRA charges are to be effective, the 12-month period during 2021, and the base rate adjustment derived on an annual basis. In addition, subparagraph 6(i) specifies that the revenue requirement for each SoBRA shall be allocated to the rate classes using the 12 Coincident Peak ("CP") and 1/13th Average Demand ("AD") method of allocating production plant and shall be applied to existing base rates, charges and credits using the following principles:

(i) 40 percent of the revenue requirements that would otherwise be allocated to the lighting class under the 12 CP and 1/13th AD methodology shall be allocated to the lighting class for recovery through an increase in the lighting base energy rate and the remaining 60 percent shall be allocated ratably to the other customer classes.

(ii) The revenue requirement associated with a SoBRA will be recovered through increases to demand charges where demand charges are part of a rate schedule, and through energy charges where no demand charge is used in a rate schedule.

(iii) Within GSD and IS rate classes, recovery of SoBRA revenue requirements allocated to rate classes will be borne by non-standby demand charges only within a rate class, which methodology will not impact RS and GS rate classes.

8. Subparagraph 6(g) of the 2017 Agreement specifies that the issues for determination in each proceeding for approval of a SoBRA shall be:

(a) the cost-effectiveness of the solar projects;

(b) whether the installed cost of each project is projected to be under the Installed Cost Cap;

(c) the amount of revenue requirements and appropriate increase in base rates needed to collect the estimated annual revenue requirement for the projects in a SoBRA;

(d) a true-up of previously approved SoBRAs for the actual cost of the previously approved projects, subject to the sharing provisions in subparagraph 6(m); and

(e) a true-up through the Capacity Cost Recovery Clause ("CCR") of previously approved SoBRAs to reflect the actual in-service dates and actual installed cost for each of the previously approved projects.

9. Subparagraph 6(g) of the 2017 Agreement states that the cost-effectiveness for the projects in a SoBRA shall be evaluated in total by considering only whether the projects in the SoBRA will lower the company's projected system cumulative present value revenue requirement ("CPVRR") as compared to such CPVRR without the solar projects.

10. Subparagraph 6(l) of the 2017 Agreement specifies that, subject to the revenue requirement limits in subparagraph (b) of the 2017 Agreement, a SoBRA will be calculated using the company's projected installed cost per kW_{ac} for each project in the SoBRA (subject to the Installed Cost Cap); reasonable estimates for depreciation expense, property taxes and fixed O&M expenses; an incremental capital structure reflecting the then current midpoint ROE and a 54 percent financial equity ratio adjusted to reflect the inclusion of investment tax credits on a normalized basis.

11. Subparagraph 6(d) of the 2017 Agreement specifies that the types of costs of solar projects that traditionally have been allowed in rate base are eligible for cost recovery via a SoBRA, and lists the following types of costs as examples: Engineering, Procurement and

Construction ("EPC") costs; development costs including third party development fees, if any; permitting and land acquisition costs; taxes, and utility costs to support or complete development; transmission interconnection costs; installation labor and equipment costs; costs associated with electrical balance of system, structural balance of system, inverters and modules; Allowance for Funds Used During Construction ("AFUDC") at the weighted average cost of capital from Exhibit A of the 2017 Agreement; and other traditionally allowed costs. Paragraph 6(m) of the 2017 Agreement creates a mechanism intended to induce the company to build solar projects at the lowest possible installed cost.

12. As established in Docket No. 20200144-EI, the average capital cost for the First and Second SoBRAs is less than the threshold of $1,475 per $kW_{ac,}$ so the company has met the threshold requirement for approval of this Fourth SoBRA.

13. The Fourth SoBRA consists of one project; the Durrance Solar project is located in Polk County, Florida on 463 acres of agricultural land. The details of the Durrance Project is outlined in Appendix "A" to this Petition.

14. The one project in the Fourth SoBRA will lower the company's projected system cumulative present value revenue requirement ("CPVRR") as compared to such CPVRR without the solar project; therefore, the project is cost-effective.

15. The projected installed cost of the Durrance Solar Project in the Fourth SoBRA is $1,500 per kW_{ac}, which does not exceed the $1,500 per kW_{ac} installed cost cap specified in subparagraph 6(d) of the 2017 Agreement.

16. Based on the standards specified in the 2017 Agreement, the projected annual revenue requirement for the Fourth SoBRA is $7,611,000. This amount was calculated without the

incentive contemplated in paragraph 6(m) of the 2017 Agreement and is below the annual revenue requirement cap specified in the 2017 Agreement.

17. The appropriate increases in base rates needed to collect the estimated revenue requirement for the projects in the Fourth SoBRA, which were prepared based on the cost of service and rate design standards in the 2017 Agreement, are specified in the typical bill analysis included in Appendix "B", proposed redlined tariff sheets included in Appendix "C" as compared to the rates effective January 1, 2019, and proposed clean tariff sheets included in Appendix "D" to this Petition.

18. This is the Fourth SoBRA and actual data from the Third SoBRA is not yet available for purposes of calculating a true-up amount. As noted in Docket No. 20200144-EI and above, the base rate true-up amount for First and Second SoBRA is $77,000 favorable to customers. The company has included this amount as a reduction to the revenue requirement calculated for the Durrance Project and used the net amount to prepare the rates and tariffs to implement the Fourth SoBRA to be effective with the first billing cycle in January 2021. Docket No. 20200144-EI also addresses the true up of the First and Second SoBRAs necessary to reflect the actual in-service dates and actual installed costs that has or will be will be flowed through to customers through the CCR.

III. Statement of No Disputed Issue of Material Fact

19. Tampa Electric believes that there are no disputed issues of material fact that must be resolved in order for the Commission to grant this Petition and approve the Fourth SoBRA.

IV. Statement of Ultimate Facts Alleged and Providing the Basis for Relief

20. The ultimate facts that entitle Tampa Electric to the relief requested herein, i.e., approval of the Fourth SoBRA are:

(a) The Commission approved the 2017 Agreement by bench decision on November 6, 2017 in Docket No. 20170210-EI, which decision is reduced to writing and memorialized in the Final Order, and the applicable provisions in the 2017 Agreement specified above.

(b) The facts alleged in paragraphs 6 through 18, above.

21. Tampa Electric is entitled to the relief requested pursuant to the 2017 Agreement, the Final Order, Chapter 366, Florida Statutes, and Chapter 120, Florida Statutes.

V. Effective Date, Notice, and Final Hearing

22. Tampa Electric requests that the Commission provide public notice of this Petition for the approval of the Fourth SoBRA and set the Petition for approval of the Fourth SoBRA for final hearing. Tampa Electric asks that the Commission's consideration of the proposed SoBRA be decided by bench vote at the conclusion of the requested final hearing.

23. Tampa Electric requests that the Commission proceed expeditiously to issue the public notice of the hearing of this Petition for approval of the company's Fourth SoBRA and set the date for the requested final hearing at least fourteen (14) days after issuance of the public notice of the hearing consistent with Rule 28-106.302(2), F.A.C. As reflected in the 2017 Agreement, it is the Parties' intent that the tariff sheets reflected in Appendix "C" and Appendix "D" to this Petition become effective on the first billing cycle of January 2021. Accordingly, Tampa Electric respectfully requests that the final hearing be set as early as possible, so the new and revised rates and tariffs can be implemented with the first billing cycle of January 2021.

24. In the alternative, because Tampa Electric is filing the proposed amended tariff sheets for approval, this Petition should be considered by the Commission as a "file and suspend" rate filing pursuant to Section 366.06(3), Florida Statutes. Accordingly, if the Commission does not set a final hearing such that the Fourth SoBRA will be approved by January 1, 2021, Tampa

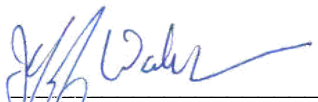
Electric respectfully requests that the Commission authorize the implementation of Tampa Electric's tariff sheet changes, effective with the first billing cycle of January 2021, subject to refund, pending the outcome of the final hearing.

VI. Conclusion

25. For all the reasons provided in this Petition, and the supporting 2017 Agreement, complete with amended tariff sheets and other appendices filed with this Petition, Tampa Electric respectfully requests that the Commission promptly schedule the consideration of the company's Fourth SoBRA for final hearing, grant this Petition, and approve the Fourth SoBRA and related proposed tariff sheets pursuant to Section 366.076(1), Florida Statutes.

DATED this 31st day of July, 2020.

Respectfully submitted,



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ATTORNEYS FOR TAMPA ELECTRIC COMPANY

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition, filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 31st day of July, 2020 to the following:

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Public Counsel
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Associate Public Counsel
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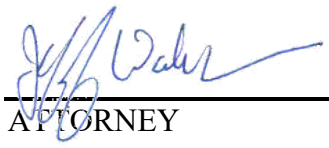

ATTORNEY

APPENDIX “A”

FOURTH SOBRA

PROJECT SPECIFICATIONS

Durrance Solar Project Specifications

Specifications of Proposed Solar PV Generating Facilities		
(1)	Plant Name and Unit Number	Durrance Solar
(2)	Net Capability	45.7 MW
(3)	Technology Type	Single Axis Tracker
(4)	Anticipated Construction Timing	
	A. Field Construction Start Date [1]	April 2020
	B. Commercial In-Service Date	January 1, 2021
(5)	Fuel	
	A. Primary Fuel	Solar
	B. Alternate Fuel	N/A
(6)	Air Pollution Control Strategy	N/A
(7)	Cooling Method	N/A
(8)	Total Site Area	+473 Acres
(9)	Construction Status	Ongoing
(10)	Certification Status	N/A
(11)	Status with Federal Agencies	N/A
(12)	Projected Unit Performance Data	
	Planned Outage Factor (POF)	N/A
	Forced Outage Factor (FOF)	N/A
	Equivalent Availability Factor (EAF)	N/A
	Resulting Capacity Factor (2020)	27.3% (1st Full Yr Operation)
	Average Net Operating Heat Rate (ANOHR)	N/A
(13)	Projected Unit Financial Data	
	Book Life (Years)	30
	Total Installed Cost (In-Service Year $/kW) [2]	1,500.00
	Direct Construction Cost ($/kW)	1,458.68
	AFUDC Amount ($/kW) [3]	41.32
	Escalation ($/kW)	N/A
	Fixed O&M ($/kW-yr)	5.47
	Variable O&M ($/MWh)	0.0
	K-Factor [4]	1.10

1 Construction schedule includes engineering design and permitting
2 Total installed cost includes transmission interconnection
3 Based on the current AFUDC rate of 6.46%
4 W/o land

APPENDIX “B”

TYPICAL BILL ANALYSIS

Fourth SoBRA
12CP and 1/13 With 40% Allocation to Lighting
All Demand

July 31, 2020

SCHEDULE A-2 | FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS | Page 1 of 4

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates.

Type of data shown:
XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

RS - RESIDENTIAL SERVICE

Line No.	RATE SCHEDULE RS (1) TYPICAL KW	(2) KWH	BILL UNDER PRESENT RATES (3) BASE RATE	(4) FUEL CHARGE	(5) ECCR CHARGE	(6) CAPACITY CHARGE	(7) ECRC CHARGE	(8) GRT CHARGE	(9) TOTAL	BILL UNDER PROPOSED RATES (10) BASE RATE	(11) FUEL CHARGE	(12) ECCR CHARGE	(13) CAPACITY CHARGE	(14) ECRC CHARGE	(15) GRT CHARGE	(16) TOTAL	INCREASE (17) DOLLARS (16)-(9)	(18) PERCENT (17)/(9)	COSTS IN CENTS/KWH (19) PRESENT (9)/(2)*100	(20) PROPOSED (16)/(2)*100
1	0	-	$ 15.05	$ -	$ -	$ -	$ -	$ 0.39	$ 15.44	$ 15.05	$ -	$ -	$ -	$ -	$ 0.39	$ 15.44	$ -	0.0%	-	-
2																				
3	0	100	$ 20.23	$ 2.29	$ 0.23	$ (0.01)	$ 0.24	$ 0.59	$ 23.57	$ 20.27	$ 2.29	$ 0.23	$ (0.01)	$ 0.24	$ 0.59	$ 23.61	$ 0.04	0.2%	23.57	23.61
4																				
5	0	250	$ 28.00	$ 5.71	$ 0.58	$ (0.03)	$ 0.61	$ 0.89	$ 35.77	$ 28.11	$ 5.71	$ 0.58	$ (0.03)	$ 0.61	$ 0.90	$ 35.88	$ 0.11	0.3%	14.31	14.35
6																				
7	0	500	$ 40.96	$ 11.43	$ 1.16	$ (0.06)	$ 1.22	$ 1.40	$ 56.10	$ 41.17	$ 11.43	$ 1.16	$ (0.06)	$ 1.22	$ 1.41	$ 56.33	$ 0.22	0.4%	11.22	11.27
8																				
9	0	750	$ 53.91	$ 17.14	$ 1.74	$ (0.09)	$ 1.83	$ 1.91	$ 76.44	$ 54.23	$ 17.14	$ 1.74	$ (0.09)	$ 1.83	$ 1.92	$ 76.77	$ 0.33	0.4%	10.19	10.24
10																				
11	0	1,000	$ 66.86	$ 22.85	$ 2.32	$ (0.12)	$ 2.44	$ 2.42	$ 96.77	$ 67.30	$ 22.85	$ 2.32	$ (0.12)	$ 2.44	$ 2.43	$ 97.22	$ 0.45	0.5%	9.68	9.72
12																				
13	0	1,250	$ 82.31	$ 31.06	$ 2.90	$ (0.15)	$ 3.05	$ 3.06	$ 122.23	$ 82.86	$ 31.06	$ 2.90	$ (0.15)	$ 3.05	$ 3.07	$ 122.79	$ 0.56	0.5%	9.78	9.82
14																				
15	0	1,500	$ 97.77	$ 39.28	$ 3.48	$ (0.18)	$ 3.66	$ 3.69	$ 147.69	$ 98.42	$ 39.28	$ 3.48	$ (0.18)	$ 3.66	$ 3.71	$ 148.36	$ 0.67	0.5%	9.85	9.89
16																				
17	0	2,000	$ 128.67	$ 55.70	$ 4.64	$ (0.24)	$ 4.88	$ 4.97	$ 198.62	$ 129.54	$ 55.70	$ 4.64	$ (0.24)	$ 4.88	$ 4.99	$ 199.51	$ 0.89	0.4%	9.93	9.98
18																				
19	0	3,000	$ 190.48	$ 88.55	$ 6.96	$ (0.36)	$ 7.32	$ 7.51	$ 300.46	$ 191.79	$ 88.55	$ 6.96	$ (0.36)	$ 7.32	$ 7.54	$ 301.80	$ 1.34	0.4%	10.02	10.06
20																				
21	0	5,000	$ 314.10	$ 154.25	$ 11.60	$ (0.60)	$ 12.20	$ 12.60	$ 504.15	$ 316.28	$ 154.25	$ 11.60	$ (0.60)	$ 12.20	$ 12.66	$ 506.38	$ 2.23	0.4%	10.08	10.13
22																				
23																				

		PRESENT		PROPOSED	
24					
25	CUSTOMER CHARGE	15.05	$/Bill	15.05	$/Bill
26	DEMAND CHARGE	-	$/KW	-	$/KW
27	ENERGY CHARGE				
28	0 - 1,000 KWH	5.181	¢/kWH	5.225	¢/kWH
29	Over 1,000 KWH	6.181	¢/kWH	6.225	¢/kWH
30	FUEL CHARGE				
31	0 - 1,000 KWH	2.285	¢/kWH	2.285	¢/kWH
32	Over 1,000 KWH	3.285	¢/kWH	3.285	¢/kWH
33	CONSERVATION CHARGE	0.232	¢/kWH	0.232	¢/kWH
34	CAPACITY CHARGE	(0.012)	¢/kWH	(0.012)	¢/kWH
35	ENVIRONMENTAL CHARGE	0.244	¢/kWH	0.244	¢/kWH
36	Notes:				
37	A. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.				
38	B. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.				
39	C. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.				

Supporting Schedules: E-13c, E-14 Supplement

Recap Schedules:

SCHEDULE A-2 | FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS | Page 2 of 4

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates.

Type of data shown:
XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

GS - GENERAL SERVICE NON-DEMAND

RATE SCHEDULE GS

Line No.	(1) TYPICAL KW	(2) TYPICAL KWH	BILL UNDER PRESENT RATES (3) BASE RATE	(4) FUEL CHARGE	(5) ECCR CHARGE	(6) CAPACITY CHARGE	(7) ECRC CHARGE	(8) GRT CHARGE	(9) TOTAL	BILL UNDER PROPOSED RATES (10) BASE RATE	(11) FUEL CHARGE	(12) ECCR CHARGE	(13) CAPACITY CHARGE	(14) ECRC CHARGE	(15) GRT CHARGE	(16) TOTAL	INCREASE (17) DOLLARS (16)-(9)	(18) PERCENT (17)/(9)	COSTS IN CENTS/KWH (19) PRESENT (9)/(2)*100	(20) PROPOSED (16)/(2)*100
1	0	-	$ 18.06	$ -	$ -	$ -	$ -	$ 0.46	$ 18.52	$ 18.06	$ -	$ -	$ -	$ -	$ 0.46	$ 18.52	$ -	0.0%	-	-
3	0	100	$ 23.51	$ 2.64	$ 0.22	$ (0.01)	$ 0.24	$ 0.68	$ 27.28	$ 23.56	$ 2.64	$ 0.22	$ (0.01)	$ 0.24	$ 0.68	$ 27.33	$ 0.05	0.2%	27.28	27.33
5	0	250	$ 31.68	$ 6.60	$ 0.54	$ (0.03)	$ 0.61	$ 1.01	$ 40.41	$ 31.80	$ 6.60	$ 0.54	$ (0.03)	$ 0.61	$ 1.01	$ 40.53	$ 0.12	0.3%	16.16	16.21
7	0	500	$ 45.30	$ 13.19	$ 1.08	$ (0.06)	$ 1.22	$ 1.56	$ 62.29	$ 45.54	$ 13.19	$ 1.08	$ (0.06)	$ 1.22	$ 1.56	$ 62.54	$ 0.24	0.4%	12.46	12.51
9	0	750	$ 58.92	$ 19.79	$ 1.62	$ (0.08)	$ 1.83	$ 2.10	$ 84.18	$ 59.28	$ 19.79	$ 1.62	$ (0.08)	$ 1.83	$ 2.11	$ 84.54	$ 0.37	0.4%	11.22	11.27
11	0	1,000	$ 72.54	$ 26.38	$ 2.16	$ (0.11)	$ 2.44	$ 2.65	$ 106.06	$ 73.02	$ 26.38	$ 2.16	$ (0.11)	$ 2.44	$ 2.66	$ 106.55	$ 0.49	0.5%	10.61	10.65
13	0	1,250	$ 86.16	$ 32.98	$ 2.70	$ (0.14)	$ 3.05	$ 3.20	$ 127.95	$ 86.76	$ 32.98	$ 2.70	$ (0.14)	$ 3.05	$ 3.21	$ 128.56	$ 0.61	0.5%	10.24	10.28
15	0	1,500	$ 99.78	$ 39.57	$ 3.24	$ (0.17)	$ 3.66	$ 3.75	$ 149.83	$ 100.49	$ 39.57	$ 3.24	$ (0.17)	$ 3.66	$ 3.76	$ 150.56	$ 0.73	0.5%	9.99	10.04
17	0	2,000	$ 127.02	$ 52.76	$ 4.32	$ (0.22)	$ 4.88	$ 4.84	$ 193.60	$ 127.97	$ 52.76	$ 4.32	$ (0.22)	$ 4.88	$ 4.86	$ 194.58	$ 0.98	0.5%	9.68	9.73
19	0	3,000	$ 181.50	$ 79.14	$ 6.48	$ (0.33)	$ 7.32	$ 7.03	$ 281.14	$ 182.93	$ 79.14	$ 6.48	$ (0.33)	$ 7.32	$ 7.07	$ 282.60	$ 1.46	0.5%	9.37	9.42
21	0	5,000	$ 290.46	$ 131.90	$ 10.80	$ (0.55)	$ 12.20	$ 11.41	$ 456.22	$ 292.84	$ 131.90	$ 10.80	$ (0.55)	$ 12.20	$ 11.47	$ 458.66	$ 2.44	0.5%	9.12	9.17
23	0	8,500	$ 481.14	$ 224.23	$ 18.36	$ (0.94)	$ 20.74	$ 19.06	$ 762.60	$ 485.19	$ 224.23	$ 18.36	$ (0.94)	$ 20.74	$ 19.17	$ 766.75	$ 4.15	0.5%	8.97	9.02

	PRESENT		PROPOSED	
CUSTOMER CHARGE	18.06	$/Bill	18.06	$/Bill
ENERGY CHARGE	5.448	¢/kWH	5.496	¢/kWH
FUEL CHARGE	2.638	¢/kWH	2.638	¢/kWH
CONSERVATION CHARGE	0.216	¢/kWH	0.216	¢/kWH
CAPACITY CHARGE	(0.011)	¢/kWH	(0.011)	¢/kWH
ENVIRONMENTAL CHARGE	0.244	¢/kWH	0.244	¢/kWH

Notes:

A. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.
B. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.
C. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.

Supporting Schedules: E-13c, E-14 Supplement

Recap Schedules:

FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates.

Type of data shown:
XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

GSD - GENERAL SERVICE DEMAND

RATE SCHEDULE GSD

Line No.	(1) TYPICAL KW	(2) TYPICAL KWH	BILL UNDER PRESENT RATES (3) BASE RATE	(4) FUEL CHARGE	(5) ECCR CHARGE	(6) CAPACITY CHARGE	(7) ECRC CHARGE	(8) GRT CHARGE	(9) TOTAL	BILL UNDER PROPOSED RATES (10) BASE RATE	(11) FUEL CHARGE	(12) ECCR CHARGE	(13) CAPACITY CHARGE	(14) ECRC CHARGE	(15) GRT CHARGE	(16) TOTAL	INCREASE (17) DOLLARS (16)-(9)	(18) PERCENT (17)/(9)	COSTS IN CENTS/KWH (19) PRESENT (9)/(2)*100	(20) PROPOSED (16)/(2)*100
1	75.00	10950.00	$ 751.16	$ 288.86	$ 21.24	$ (1.10)	$ 26.61	$ 27.87	$ 1,114.64	$ 752.25	$ 288.86	$ 21.24	$ (1.10)	$ 26.61	$ 27.89	$ 1,115.76	$ 1.12	0.1%	10.18	10.19
2	75	19,163	$ 1,141.59	$ 505.51	$ 63.00	$ (3.00)	$ 46.56	$ 44.97	$ 1,798.63	$ 1,153.59	$ 505.51	$ 63.00	$ (3.00)	$ 46.56	$ 45.27	$ 1,810.94	$ 12.31	0.7%	9.39	9.45
3	75	32,850	$ 1,359.09	$ 866.58	$ 63.00	$ (3.00)	$ 79.83	$ 60.65	$ 2,426.15	$ 1,371.09	$ 866.58	$ 63.00	$ (3.00)	$ 79.83	$ 60.96	$ 2,438.46	$ 12.31	0.5%	7.39	7.42
4	75	49,275	$ 1,556.72	$ 1,295.32	$ 63.00	$ (3.00)	$ 119.74	$ 77.74	$ 3,109.51	$ 1,567.90	$ 1,295.32	$ 63.00	$ (3.00)	$ 119.74	$ 78.02	$ 3,120.97	$ 11.46	0.4%	6.31	6.33
5																				
6	500	73,000	$ 4,837.15	$ 1,925.74	$ 141.62	$ (7.30)	$ 177.39	$ 181.40	$ 7,256.00	$ 4,844.45	$ 1,925.74	$ 141.62	$ (7.30)	$ 177.39	$ 181.59	$ 7,263.49	$ 7.49	0.1%	9.94	9.95
7	500	127,750	$ 7,440.05	$ 3,370.05	$ 420.00	$ (20.00)	$ 310.43	$ 295.40	$ 11,815.92	$ 7,520.05	$ 3,370.05	$ 420.00	$ (20.00)	$ 310.43	$ 297.45	$ 11,897.97	$ 82.05	0.7%	9.25	9.31
8	500	219,000	$ 8,890.01	$ 5,777.22	$ 420.00	$ (20.00)	$ 532.17	$ 399.98	$ 15,999.38	$ 8,970.01	$ 5,777.22	$ 420.00	$ (20.00)	$ 532.17	$ 402.04	$ 16,081.44	$ 82.05	0.5%	7.31	7.34
9	500	328,500	$ 10,207.57	$ 8,635.44	$ 420.00	$ (20.00)	$ 798.26	$ 513.88	$ 20,555.15	$ 10,282.07	$ 8,635.44	$ 420.00	$ (20.00)	$ 798.26	$ 515.79	$ 20,631.56	$ 76.41	0.4%	6.26	6.28
10																				
11	2000	292,000	$ 19,258.30	$ 7,702.96	$ 566.48	$ (29.20)	$ 709.56	$ 723.28	$ 28,931.38	$ 19,287.50	$ 7,702.96	$ 566.48	$ (29.20)	$ 709.56	$ 724.03	$ 28,961.33	$ 29.95	0.1%	9.91	9.92
12	2000	511,000	$ 29,669.89	$ 13,480.18	$ 1,680.00	$ (80.00)	$ 1,241.73	$ 1,179.28	$ 47,171.08	$ 29,989.89	$ 13,480.18	$ 1,680.00	$ (80.00)	$ 1,241.73	$ 1,187.48	$ 47,499.28	$ 328.21	0.7%	9.23	9.30
13	2000	876,000	$ 35,469.74	$ 23,108.88	$ 1,680.00	$ (80.00)	$ 2,128.68	$ 1,597.62	$ 63,904.92	$ 35,789.74	$ 23,108.88	$ 1,680.00	$ (80.00)	$ 2,128.68	$ 1,605.83	$ 64,233.13	$ 328.21	0.5%	7.30	7.33
14	2000	1,314,000	$ 40,739.98	$ 34,541.78	$ 1,680.00	$ (80.00)	$ 3,193.02	$ 2,053.20	$ 82,127.97	$ 41,037.98	$ 34,541.78	$ 1,680.00	$ (80.00)	$ 3,193.02	$ 2,060.84	$ 82,433.61	$ 305.64	0.4%	6.25	6.27
15																				

	PRESENT					PROPOSED				
	GSD	GSDT		GSD OPT.		GSD	GSDT		GSD OPT.	
CUSTOMER CHARGE	30.10	30.10	$/Bill	30.10	$/Bill	30.10	30.10		30.10	$/Bill
DEMAND CHARGE	10.76	-	$/KW	-	$/KW	10.92	-	$/KW	-	$/KW
BILLING	-	3.44	$/KW	-	$/KW	-	3.49	$/KW	-	$/KW
PEAK	-	7.04	$/KW	-	$/KW	-	7.14	$/KW	-	$/KW
ENERGY CHARGE	1.589	-	¢/KWH	6.585	¢/KWH	1.589	-	¢/KWH	6.595	¢/KWH
ON-PEAK	-	2.908	¢/KWH	-	¢/KWH	-	2.908	¢/KWH	-	¢/KWH
OFF-PEAK	-	1.049	¢/KWH	-	¢/KWH	-	1.049	¢/KWH	-	¢/KWH
FUEL CHARGE	2.638	-	¢/KWH	2.638	¢/KWH	2.638	-	¢/KWH	2.638	¢/KWH
ON-PEAK		2.766	¢/KWH	-	¢/KWH		2.766	¢/KWH	-	¢/KWH
OFF-PEAK		2.583	¢/KWH	-	¢/KWH		2.583	¢/KWH	-	¢/KWH
CONSERVATION CHARGE	0.84	0.84	$/KW	0.194	¢/KWH	0.84	0.84	$/KW	0.194	¢/KWH
CAPACITY CHARGE	(0.04)	(0.04)	$/KW	(0.010)	¢/KWH	(0.04)	(0.04)	$/KW	(0.010)	¢/KWH
ENVIRONMENTAL CHARGE	0.243	0.243	¢/KWH	0.243	¢/KWH	0.243	0.243	¢/KWH	0.243	¢/KWH

Notes:

A. The kWh for each kW group is based on 20, 35, 60, and 90% load factors (LF).

B. Charges at 20% LF are based on the GSD Option rate; 35% and 60% LF charges are based on the standard rate; and 90% LF charges are based on the TOD rate.

C. All calculations assume meter and service at secondary voltage.

D. TOD energy charges assume 25/75 on/off-peak % for 90% LF. Peak demand to billing demand ratios are assumed to be 99% at 90% LF.

E. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.

F. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.

G. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.

Supporting Schedules: E-13c, E-14 Supplement

Recap Schedules:

SCHEDULE A-2 | FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS | Page 4 of 4

FLORIDA PUBLIC SERVICE COMMISSION | EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates. | Type of data shown: XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

IS - INTERRUPTIBLE SERVICE

RATE SCHEDULE IS-1

Line No.	(1) TYPICAL KW	(2) TYPICAL KWH	BILL UNDER PRESENT RATES (3) BASE RATE	(4) CCV CREDIT	(5) FUEL CHARGE	(6) ECCR CHARGE	(7) CAPACITY CHARGE	(8) ECRC CHARGE	(9) GRT CHARGE	(10) TOTAL	BILL UNDER PROPOSED RATES (11) BASE RATE	(12) CCV CREDIT	(13) FUEL CHARGE	(14) ECCR CHARGE	(15) CAPACITY CHARGE	(16) ECRC CHARGE	(17) GRT CHARGE	(18) TOTAL	INCREASE (19) DOLLARS (16)-(9)	(20) PERCENT (17)/(9)	COSTS IN CENTS/KWH (21) PRESENT (9)/(2)*100	(22) FINAL (16)/(2)*100
1	500	127,750	$ 5,784.41	$ (1,772.75)	$ 3,336.83	$ 360.00	$ (20.00)	$ 302.77	$ 205	$ 8,196.16	$ 5,869.41	$ (1,772.75)	$ 3,336.83	$ 360.00	$ (20.00)	$ 298.94	$ 206.98	$ 8,279.41	$ 83	1.0%	6.42	6.48
2	500	219,000	$ 8,077.52	$ (3,039.00)	$ 5,720.28	$ 360.00	$ (20.00)	$ 519.03	$ 298	$ 11,915.72	$ 8,162.52	$ (3,039.00)	$ 5,720.28	$ 360.00	$ (20.00)	$ 512.46	$ 299.90	$ 11,996.16	$ 80	0.7%	5.44	5.48
3	500	328,500	$ 10,829.26	$ (4,558.50)	$ 8,548.39	$ 360.00	$ (20.00)	$ 778.55	$ 409	$ 16,346.35	$ 10,914.26	$ (4,558.50)	$ 8,548.39	$ 360.00	$ (20.00)	$ 768.69	$ 410.59	$ 16,423.42	$ 77	0.5%	4.98	5.00
4																						
5	1,000	255,500	$ 10,944.77	$ (3,545.50)	$ 6,673.66	$ 720.00	$ (40.00)	$ 605.54	$ 394	$ 15,752.27	$ 11,114.77	$ (3,545.50)	$ 6,673.66	$ 720.00	$ (40.00)	$ 597.87	$ 397.97	$ 15,918.76	$ 166	1.1%	6.17	6.23
6	1,000	438,000	$ 15,530.99	$ (6,078.00)	$ 11,440.56	$ 720.00	$ (40.00)	$ 1,038.06	$ 580	$ 23,191.39	$ 15,700.99	$ (6,078.00)	$ 11,440.56	$ 720.00	$ (40.00)	$ 1,024.92	$ 583.81	$ 23,352.28	$ 161	0.7%	5.29	5.33
7	1,000	657,000	$ 21,034.46	$ (9,117.00)	$ 17,096.78	$ 720.00	$ (40.00)	$ 1,557.09	$ 801	$ 32,052.65	$ 21,204.46	$ (9,117.00)	$ 17,096.78	$ 720.00	$ (40.00)	$ 1,537.38	$ 805.17	$ 32,206.79	$ 154	0.5%	4.88	4.90
8																						
9	5,000	1,277,500	$ 52,227.63	$ (17,727.50)	$ 33,368.30	$ 3,600.00	$ (200.00)	$ 3,027.68	$ 1,905	$ 76,201.13	$ 53,077.63	$ (17,727.50)	$ 33,368.30	$ 3,600.00	$ (200.00)	$ 2,989.35	$ 1,925.84	$ 77,033.61	$ 832	1.1%	5.96	6.03
10	5,000	2,190,000	$ 75,158.75	$ (30,390.00)	$ 57,202.80	$ 3,600.00	$ (200.00)	$ 5,190.30	$ 2,835	$ 113,396.77	$ 76,008.75	$ (30,390.00)	$ 57,202.80	$ 3,600.00	$ (200.00)	$ 5,124.60	$ 2,855.03	$ 114,201.18	$ 804	0.7%	5.18	5.21
11	5,000	3,285,000	$ 102,676.10	$ (45,585.00)	$ 85,483.91	$ 3,600.00	$ (200.00)	$ 7,785.45	$ 3,943	$ 157,703.03	$ 103,526.10	$ (45,585.00)	$ 85,483.91	$ 3,600.00	$ (200.00)	$ 7,686.90	$ 3,961.84	$ 158,473.75	$ 771	0.5%	4.80	4.82
12																						

		PRESENT IS	PRESENT IST		PROPOSED IS	PROPOSED IST	
13							
14							
15	CUSTOMER CHARGE	624.05	624.05	$/Bill	624.05	624.05	$/Bill
16	DEMAND CHARGE	3.90	3.90	$/KW	4.07	4.07	$/KW
17	PEAK DEMAND CHARGE	-	-	$/KW	-	-	$/KW
	ENERGY CHARGE	2.513	-	¢/kWH	2.513	-	¢/kWH
18	ON-PEAK ENERGY CHARGE	-	2.513	¢/kWH	-	2.513	¢/kWH
19	OFF-PEAK ENERGY CHARGE	-	2.513	¢/kWH	-	2.513	¢/kWH
20	DELIVERY VOLTAGE CREDIT	-	-	$/KW	-	-	$/KW
21	FUEL CHARGE	2.612	-	¢/kWH	2.612	-	¢/kWH
22	ON-PEAK	-	2.738	¢/kWH	-	2.738	¢/kWH
23	OFF-PEAK	-	2.557	¢/kWH	-	2.557	¢/kWH
24	CONSERVATION CHARGE	0.72	0.72	$/KW	0.72	0.72	$/KW
25	CAPACITY CHARGE	(0.04)	(0.04)	$/KW	(0.04)	(0.04)	$/KW
26	ENVIRONMENTAL CHARGE	0.237	0.237	¢/kWH	0.234	0.234	¢/kWH
27							
28	GSLM-2 CONTRACT CREDIT VALUE	(10.13)	(10.13)	$/kW	(10.13)	(10.13)	$/kW
29							

30 Notes:
31 A. The kWh for each kW group is based on 35, 60, and 90% load factors (LF).
32 B. Charges at 35% and 60% LF are based on standard rates and charges at 90% LF are based on TOD rates. Peak demand to billing demand ratios are assumed to be 99% at 90% LF.
33 C. Calculations assume meter and service at primary voltage and a power factor of 85%.
34 D. TOD energy charges assume 25/75 on/off-peak % for 90% LF.
35 E. CCV credits in columns 5 and 12 are load-factor adjusted and reflect service at primary voltage.
36 F. The present GSLM-2 Contract Credit Value represents the 2019 factor. The proposed GSLM-2 Contract Credit Value for 2019 is the same.
37 G. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.
38 H. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.
39 I. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.

Supporting Schedules: E-13c, E-14 Supplement | Recap Schedules:

APPENDIX "C"

PROPOSED REDLINED TARIFF SHEETS

RESIDENTIAL SERVICE

SCHEDULE: RS

AVAILABLE: Entire service area.

APPLICABLE: 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.
2. 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.
4. 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.

LIMITATION OF SERVICE: 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:

First 1,000 kWh	5.~~181~~225¢ per kWh
All additional kWh	6.~~181~~225¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.031

GENERAL SERVICE - NON DEMAND

SCHEDULE: GS

AVAILABLE: Entire service area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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.~~448~~496¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 0.~~168~~169¢ 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

GENERAL SERVICE - DEMAND

SCHEDULE: GSD

AVAILABLE: Entire service area.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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.~~585~~595¢ 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

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.

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.

DELIVERY VOLTAGE CREDIT: When a customer under the standard rate takes service at primary voltage, a discount of ~~90~~91¢ 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.~~237~~240¢ per kWh will apply. A discount of 0.~~724~~735¢ per kWh will apply when a customer under the optional rate takes service at subtransmission or higher voltage.

Continued to 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 ~~71~~72¢ per kW of billing demand for customers taking service under the standard rate and 0.~~179~~182¢/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.

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

SCHEDULE: IS

AVAILABLE: Entire Service Area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:

$~~3.90~~4.07 per KW of billing demand

Energy Charge:

2.513¢ per KWH

Continued to 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.

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.

DELIVERY VOLTAGE CREDIT: 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.

Continued to Sheet No. 6.087

CONSTRUCTION SERVICE

SCHEDULE: CS

AVAILABLE: Entire service area.

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

LIMITATION OF SERVICE: 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.~~448~~496¢ 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.

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

SCHEDULE: GST

AVAILABLE: Entire service area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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.~~371~~594¢ per kWh during peak hours
3.053¢ per kWh during off-peak hours

Continued to Sheet No. 6.321

Continued from Sheet No. 6.320

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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.~~168~~169¢ 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

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

SCHEDULE: GSDT

AVAILABLE: Entire service area.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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

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.

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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage a discount of ~~90~~91¢ 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 ~~71~~72¢ 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.

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

SCHEDULE: IST

AVAILABLE: Entire Service Area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:

$~~3.90~~4.07 per KW of billing demand

Energy Charge:

2.513¢ per KWH

Continued to Sheet No. 6.345

Continued from Sheet No. 6.345

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.

DELIVERY VOLTAGE CREDIT: 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.

Continued from Sheet No. 6.560

MONTHLY RATES:
Basic Service Charge: $15.05

Energy and Demand Charges: 5.~~495~~539¢ 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.

DETERMINATION OF PRICING PERIODS: 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

Continued from Sheet No. 6.600

CHARGES FOR SUPPLEMENTAL SERVICE:

Demand Charge:
$10.~~76~~92 per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)

Energy Charge:
1.589¢ per Supplemental kWh

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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

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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of ~~90~~91¢ 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~71~~72¢ 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.

Continued from Sheet No. 6.605

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

$3.~~44~~49	per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus
$7.~~04~~14	per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

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

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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

Continued from Sheet No. 6.607

TERM OF SERVICE: Any customer receiving service under this schedule will be required to give the Company written notice at least 60 months prior to transferring to a 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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of ~~90~~91¢ 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~71~~72¢ 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

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.

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

LIMITATION OF SERVICE: 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:

$~~3.90~~4.07 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

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.

METERING VOLTAGE ADJUSTMENT: 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.

DELIVERY VOLTAGE CREDIT: 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: 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.

FUEL CHARGE: 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.

Continued from Sheet No. 6.800

MONTHLY RATE:

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

Rate Code		Description	Lamp Size				Charges per Unit ($)			
					kWh				Base Energy[4]	
Dusk to Dawn	Timed Svc.		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.~~565~~7	0.78
805	865	Cobra[1]	28,500	250	105	52	4.87	2.60	2.49	1.23
806	866	Cobra[1]	50,000	400	163	81	5.09	2.99	3.~~868~~7	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.~~868~~7	1.92
809	869	Mongoose[1]	50,000	400	163	81	6.50	3.02	3.~~868~~7	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	1.23
552	538	Shoebox[1]	50,000	400	163	81	9.52	2.44	3.~~868~~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.~~369~~373¢ per kWh for each fixture.

Continued to Sheet No. 6.806

Continued from Sheet No. 6.805

MONTHLY RATE:

Metal Halide Fixture, Maintenance, and Base Energy Charges:

Rate Code		Description	Lamp Size				Charges per Unit ($)			
					kWh				Base Energy[4]	
Dusk to Dawn	Timed Svc.		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.~~636~~4
520	522	Cobra[1]	32,000	400	159	79	6.03	4.01	3.77	1.87
705	725	Flood[1]	29,700	350	138	69	8.55	5.04	3.27	1.~~636~~4
556	541	Flood[1]	32,000	400	159	79	8.36	4.02	3.77	1.87
558	578	Flood[1]	107,800	1,000	383	191	10.50	8.17	9.~~070~~9	4.~~525~~3
701	721	General PT[1]	12,000	150	67	34	10.60	3.92	1.59	0.81
574	548	General PT[1]	14,400	175	74	37	10.89	3.73	1.~~757~~6	0.88
700	720	Salem PT[1]	12,000	150	67	34	9.33	3.92	1.59	0.81
575	568	Salem PT[1]	14,400	175	74	37	9.38	3.74	1.~~757~~6	0.88
702	722	Shoebox[1]	12,000	150	67	34	7.22	3.92	1.59	0.81
564	549	Shoebox[1]	12,800	175	74	37	7.95	3.70	1.~~757~~6	0.88
703	723	Shoebox[1]	29,700	350	138	69	9.55	4.93	3.27	1.~~636~~4
554	540	Shoebox[1]	32,000	400	159	79	10.02	3.97	3.77	1.87
576	577	Shoebox[1]	107,800	1,000	383	191	16.50	8.17	9.~~070~~9	4.~~525~~3

[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.~~369~~373¢ per kWh for each fixture.

Continued to Sheet No. 6.808

Continued from Sheet No. 6.806

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

Rate Code		Description	Size				Charges per Unit ($)			
					kWh[1]				Base Energy[4]	
Dusk to Dawn	Timed Svc.		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.~~30~~31	0.64
822	842	Roadway[1]	15,300	196	69	34	14.58	1.26	1.~~63~~64	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
831	851	Flood[1]	22,122	238	83	42	15.90	3.45	1.97	~~0.99~~1.00
832	852	Flood[1]	32,087	359	126	63	19.16	4.10	2.~~98~~99	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.~~72~~73	1.35

[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.~~369~~373¢ per kWh for each fixture.

Continued to Sheet No. 6.810

Continued from Sheet No. 6.808

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

Rate Code		Description	Size				Charges per Unit ($)			
					kWh[1]				Base Energy[3]	
Dusk to Dawn	Timed Svc.		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	
921		Roadway/Area	8,500	88	31		8.97	1.74	0.~~737~~4	
926	982	Roadway	12,414	105	37	18	6.83	1.19	0.88	0.43
932		Roadway/Area	15,742	133	47		14.15	1.38	1.~~11~~12	
935		Area-Lighter	16,113	143	50		11.74	1.41	1.~~18~~19	
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		Area-Lighter	29,533	247	86		16.07	2.51	2.04	
947	984	Area-Lighter	33,600	330	116	58	20.13	1.55	2.75	1.~~37~~38
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	0.~~92~~93
958		Mongoose	34,937	333	117		17.84	3.60	2.~~77~~78	
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

[1] Average
[2] Average wattage. Actual wattage may vary by up to +/- 10 %.
[3] The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.~~369~~373¢ per kWh for each fixture.
[4] Enhanced Post Top. Customizable decorative options

Continued to Sheet No. 6.810

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:

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;
8. 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:
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.~~369~~373¢ 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

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.~~369~~373¢ 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

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:

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;
8. 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;
10. directional boring;
11. specialized permitting that is incremental to a standard construction permit; and
12. 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.~~369~~373¢ 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

APPENDIX “D”

PROPOSED CLEAN TARIFF SHEETS

RESIDENTIAL SERVICE

SCHEDULE: RS

AVAILABLE: Entire service area.

APPLICABLE: 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.
2. 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.
4. 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.

LIMITATION OF SERVICE: 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:

First 1,000 kWh	5.225¢ per kWh
All additional kWh	6.225¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.031

GENERAL SERVICE - NON DEMAND

SCHEDULE: GS

AVAILABLE: Entire service area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
5.496¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 0.169¢ 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

GENERAL SERVICE - DEMAND

SCHEDULE: GSD

AVAILABLE: Entire service area.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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:	
$10.92 per kW of billing demand		$0.00 per kW of billing demand	
Energy Charge:		Energy Charge:	
1.589¢ per kWh		6.595¢ 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

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.

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.

DELIVERY VOLTAGE CREDIT: When a customer under the standard rate takes service at primary voltage, a discount of 91¢ per kW of billing demand will apply. A discount of $2.81 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 0.240¢ per kWh will apply. A discount of 0.735¢ per kWh will apply when a customer under the optional rate takes service at subtransmission or higher voltage.

Continued to 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 72¢ per kW of billing demand for customers taking service under the standard rate and 0.182¢/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.

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

SCHEDULE: IS

AVAILABLE: Entire Service Area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
$4.07 per KW of billing demand

Energy Charge:
2.513¢ per KWH

Continued to 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.

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.

DELIVERY VOLTAGE CREDIT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of $1.14 per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be $1.62 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

CONSTRUCTION SERVICE

SCHEDULE: CS

AVAILABLE: Entire service area.

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

LIMITATION OF SERVICE: 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: 5.496¢ 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.

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

SCHEDULE: GST

AVAILABLE: Entire service area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
12.594¢ per kWh during peak hours
3.053¢ per kWh during off-peak hours

Continued to Sheet No. 6.321

Continued from Sheet No. 6.320

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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 0.169¢ 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

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

SCHEDULE: GSDT

AVAILABLE: Entire service area.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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:

$3.49 per kW of billing demand, plus
$7.14 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

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.

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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage a discount of 91¢ per kW of billing demand will apply. When the customer takes service at subtransmission or higher voltage, a discount of $2.81 per kW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ 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.

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

SCHEDULE: IST

AVAILABLE: Entire Service Area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
$4.07 per KW of billing demand

Energy Charge:
2.513¢ per KWH

Continued to Sheet No. 6.345

Continued from Sheet No. 6.345

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.

DELIVERY VOLTAGE CREDIT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of $1.14 per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be $1.62 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.

Continued from Sheet No. 6.560

MONTHLY RATES:
Basic Service Charge: $15.05

Energy and Demand Charges: 5.539¢ 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.

DETERMINATION OF PRICING PERIODS: 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

Continued from Sheet No. 6.600

CHARGES FOR SUPPLEMENTAL SERVICE:

Demand Charge:
$10.92 per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)

Energy Charge:
1.589¢ per Supplemental kWh

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of 91¢ 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 $2.81 per kW of Supplemental Demand and $1.97 per kW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ 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.

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CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

$3.49	per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus
$7.14	per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

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

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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.

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Continued from Sheet No. 6.607

TERM OF SERVICE: Any customer receiving service under this schedule will be required to give the Company written notice at least 60 months prior to transferring to a 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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of 91¢ 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 $2.81 per kW of Supplemental Demand and $1.97 per kW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ 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

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.

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

LIMITATION OF SERVICE: 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:

$4.07 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

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.

METERING VOLTAGE ADJUSTMENT: 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.

DELIVERY VOLTAGE CREDIT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of $1.14 per KW of Supplemental Demand and 34¢ per KW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be $1.62 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.

FUEL CHARGE: 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.

Continued from Sheet No. 6.800

MONTHLY RATE:

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

Rate Code		Description	Lamp Size				Charges per Unit ($)			
					kWh				Base Energy[4]	
Dusk to Dawn	Timed Svc.		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	1.57	0.78
805	865	Cobra[1]	28,500	250	105	52	4.87	2.60	2.49	1.23
806	866	Cobra[1]	50,000	400	163	81	5.09	2.99	3.87	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	3.87	1.92
809	869	Mongoose[1]	50,000	400	163	81	6.50	3.02	3.87	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	1.23
552	538	Shoebox[1]	50,000	400	163	81	9.52	2.44	3.87	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 2.373¢ per kWh for each fixture.

Continued to Sheet No. 6.806

Continued from Sheet No. 6.805

MONTHLY RATE:

Metal Halide Fixture, Maintenance, and Base Energy Charges:

Rate Code			Lamp Size				Charges per Unit ($)			
					kWh				Base Energy[4]	
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	1.64
520	522	Cobra[1]	32,000	400	159	79	6.03	4.01	3.77	1.87
705	725	Flood[1]	29,700	350	138	69	8.55	5.04	3.27	1.64
556	541	Flood[1]	32,000	400	159	79	8.36	4.02	3.77	1.87
558	578	Flood[1]	107,800	1,000	383	191	10.50	8.17	9.09	4.53
701	721	General PT[1]	12,000	150	67	34	10.60	3.92	1.59	0.81
574	548	General PT[1]	14,400	175	74	37	10.89	3.73	1.76	0.88
700	720	Salem PT[1]	12,000	150	67	34	9.33	3.92	1.59	0.81
575	568	Salem PT[1]	14,400	175	74	37	9.38	3.74	1.76	0.88
702	722	Shoebox[1]	12,000	150	67	34	7.22	3.92	1.59	0.81
564	549	Shoebox[1]	12,800	175	74	37	7.95	3.70	1.76	0.88
703	723	Shoebox[1]	29,700	350	138	69	9.55	4.93	3.27	1.64
554	540	Shoebox[1]	32,000	400	159	79	10.02	3.97	3.77	1.87
576	577	Shoebox[1]	107,800	1,000	383	191	16.50	8.17	9.09	4.53

[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 2.373¢ per kWh for each fixture.

Continued to Sheet No. 6.808

Continued from Sheet No. 6.806

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

Rate Code		Description	Size				Charges per Unit ($)			
					kWh[1]				Base Energy[4]	
Dusk to Dawn	Timed Svc.		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	1.31	0.64
822	842	Roadway[1]	15,300	196	69	34	14.58	1.26	1.64	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
831	851	Flood[1]	22,122	238	83	42	15.90	3.45	1.97	1.00
832	852	Flood[1]	32,087	359	126	63	19.16	4.10	2.99	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	2.73	1.35

[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 2.373¢ per kWh for each fixture.

Continued to Sheet No. 6.810

Continued from Sheet No. 6.808

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

Rate Code			Size				Charges per Unit ($)			
					kWh[1]				Base 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	
921		Roadway/Area	8,500	88	31		8.97	1.74	0.74	
926	982	Roadway	12,414	105	37	18	6.83	1.19	0.88	0.43
932		Roadway/Area	15,742	133	47		14.15	1.38	1.12	
935		Area-Lighter	16,113	143	50		11.74	1.41	1.19	
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		Area-Lighter	29,533	247	86		16.07	2.51	2.04	
947	984	Area-Lighter	33,600	330	116	58	20.13	1.55	2.75	1.38
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	0.93
958		Mongoose	34,937	333	117		17.84	3.60	2.78	
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

[1] Average
[2] Average wattage. Actual wattage may vary by up to +/- 10 %.
[3] The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.373¢ per kWh for each fixture.
[4] Enhanced Post Top. Customizable decorative options

Continued to Sheet No. 6.810

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:

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;
8. 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:
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 2.373¢ 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

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 2.373¢ 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

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:

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;
8. 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;
10. directional boring;
11. specialized permitting that is incremental to a standard construction permit; and
12. 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, 2.373¢ 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

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20200064-EI
IN RE: PETITION BY TAMPA ELECTRIC COMPANY FOR A LIMITED PROCEEDING TO APPROVE FOURTH SOBRA EFFECTIVE JANUARY 1, 2021

PREPARED DIRECT TESTIMONY AND EXHIBIT OF JOSE A. APONTE

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

JOSE A. APONTE

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

A. My name is Jose A. Aponte. My business address is 702 N. Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") as Manager of Generation Planning. My responsibilities include identifying the need for future resource additions and analyzing the economic and operational impacts to Tampa Electric's system.

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

A. I graduated from the University of South Florida with a Bachelor's degree and a Master of Science degree in Mechanical Engineering. I am a registered Project Management Professional ("PMP").

In 1999, I was employed by Tampa Electric as an engineer in the Inventory Management and Supply Chain Logistics

department. In 2004, I became supervisor for the Materials and Quality Assurance department at the Big Bend Power Station. Since 2008, I have held several positions in the Resource Planning department at Tampa Electric.

I have twenty years of accumulated electric utility experience working in the areas of planning, systems integration, data analytics, revenue requirements, project economic analysis, and engineering. My current position is Manager of Resource Planning.

Q. What are the purposes of your prepared direct testimony?

A. The purposes of my prepared direct testimony are to: (1) describe the provisions in the company's Commission-approved Amended and Restated 2017 Settlement and Stipulation Agreement ("2017 Agreement"), as memorialized in Order No. PSC-2017-0456-S-EI, issued on November 27, 2017, that allow cost recovery of solar generation projects through a Solar Base Rate Adjustment ("SoBRA"); (2) sponsor and explain the calculation of the revenue requirement for the company's SoBRA for the project which comprises the company's fourth tranche of solar generation ("Fourth SoBRA") effective January 1, 2021; and (3) demonstrate that the project in the company's Fourth SoBRA satisfy the

cost-effectiveness test and qualification test specified in the 2017 Agreement.

Q. Have you prepared an exhibit to support your prepared direct testimony?

A. Yes. Exhibit No. ___ (JAA-1) was prepared by me or under my direction and supervision. It consists of the following five documents:

Document No. 1	Demand and Energy Forecast
Document No. 2	Fuel Price Forecast
Document No. 3	Revenue Requirements for Fourth SoBRA, 45.7 MW
Document No. 4	Cost-Effectiveness Test for Fourth SoBRA, 45.7 MW
Document No. 5	Cost-Effectiveness Test for Fourth SoBRA, 60.1 MW

Q. How does your prepared direct testimony relate to the prepared direct testimony of Tampa Electric witnesses Mark D. Ward and William R. Ashburn?

A. Tampa Electric witness Ward's prepared direct testimony describes the Durrance Solar project ("Durrance Solar"), for which cost recovery is requested via the company's

Fourth SoBRA, as well as the projected in-service date and installed cost per kilowatt alternating current ("kW_{ac}"). I use the projected installed project cost in witness Ward's prepared direct testimony to calculate the annual revenue requirement for the Fourth SoBRA. The company's cost of service and rate design witness, William R. Ashburn, uses the annual revenue requirement described in my prepared direct testimony to develop the proposed customer rates for the Fourth SoBRA.

2017 AGREEMENT

Q. Please generally describe the 2017 Agreement.

A. The 2017 Agreement amends and restates the 2013 Agreement, extends the general base rate freeze included in the 2013 Stipulation, limits fuel hedging and investments in natural gas reserves, protects customers after federal tax reform and replaces the Generation Base Rate Adjustment ("GBRA") mechanism in the 2013 Agreement with a SoBRA mechanism.

The SoBRA mechanism in the 2017 Agreement includes a strict cost-effectiveness test and a $1,500 per kW_{ac} installed cost cap ("Installed Cost Cap") to protect customers.

The SoBRA mechanism enables the company to significantly reduce its carbon emissions profile and its dependence on carbon-based fuels by installing and receiving cost recovery for up to 600 MW of photovoltaic single axis tracking solar generation. This major addition of solar generation continues the company's transformation into a cleaner, more sustainable energy company, thereby improving fuel diversity and reducing its exposure to financial and other risks associated with burning carbon-based fuels. Because the fuel cost of solar generation is zero, it will provide an important measure of price stability to customers. The 2017 Agreement also allows the company to take advantage of the available solar investment tax credit ("ITC") for the benefit of customers.

Q. What are the key SoBRA cost recovery provisions in the 2017 Agreement?

A. There are several key provisions in the 2017 Agreement. First, subparagraph 6(b) of the 2017 Agreement authorizes Tampa Electric to seek recovery of up to 50 MW of new solar generation through a Fourth SoBRA, to be in service on or before January 1, 2021 and its maximum incremental annual revenue requirement may not exceed $10.2 million.

Second, subparagraph 6(c)of the 2017 Agreement states that the 2021 Tranche, or Fourth Tranche, can be included in and its costs recovered under the SoBRA mechanism only if the projects constituting the 2018 and 2019 Tranches, or First and Second Tranches, are in-service and operating per design specifications as of December 31, 2019 and were constructed at the average capital cost of no more than $1,475 per kW_{ac}. The company's First and Second SoBRA True-up, for the First and Second Tranches, filed in Docket No. 20200144-EI, on April 30, 2020, provides documentation that the company has fulfilled these requirements.

Third, subparagraph 6(d) of the 2017 Agreement specifies that the installed cost of each individual project to be recovered through a SoBRA may not exceed $1,500 per kW_{ac}. Witness Ward's prepared direct testimony presents the projected installed costs per kW_{ac} for Durrance Solar in the Fourth SoBRA and shows that the projected costs do not exceed this cap.

Fourth, subparagraph 6(g) of the 2017 Agreement states that the cost-effectiveness for the projects in a SoBRA tranche shall be evaluated in total by considering whether the projects in the tranche will lower the company's projected system Cumulative Present Value Revenue

Requirement (“CPVRR”) as compared to such CPVRR without the projects.

Fifth, subparagraphs 6(a) through 6(c) of the 2017 Agreement specify that, subject to the revenue requirement limits in subparagraph 6(b) of the 2017 Agreement, the Fourth SoBRA revenue requirement will be calculated using the company’s projected installed cost per kW_{ac} for each project in the tranche (subject to the Installed Cost Cap); reasonable estimates for depreciation expense, property taxes and fixed O&M expenses; an incremental capital structure reflecting the then current midpoint return on equity and a 54 percent equity ratio, adjusted to reflect the inclusion of the ITC on a normalized basis.

Sixth, subparagraph 6(d) of the 2017 Agreement specifies that the types of costs of solar projects that traditionally have been allowed in rate base are eligible for cost recovery via a SoBRA, and lists the following types of costs as examples: Engineering, Procurement and Construction (“EPC”) costs; development costs including third-party development fees, if any; permitting fees and costs; actual land costs and land acquisition costs; taxes; utility costs to support or complete development; transmission interconnection costs; installation labor and

equipment costs; costs associated with electrical balance of system, structural balance of system, inverters, and modules; Allowance for Funds Used During Construction ("AFUDC") at the weighted average cost of capital from Exhibit B of the 2017 Agreement; and other traditionally allowed rate base costs.

Finally, subparagraph 6(m) of the 2017 Agreement specifies that if the actual installed cost is less than the Installed Cost Cap, the company and customers will share in any beneficial difference with 75 percent going to customers and 25 percent serving as an incentive to the company. If applicable, this incentive will be added to the revenue requirement calculation.

ANNUAL REVENUE REQUIREMENT

Q. What is the annual revenue requirement for recovering costs associated with the Durrance project included in the Fourth SoBRA?

A. The annual revenue requirement is $7,611,000. This amount was calculated using the projected installed costs of the Durrance project in witness Ward's prepared direct testimony and in accordance with the revenue requirement cost recovery provisions of the 2017 Agreement.

The annual revenue requirement for the Fourth SoBRA was calculated using the approach used for the First SoBRA and Second SoBRA and described in R. James Rocha's prepared direct testimony in Docket Nos. 20170260-EI and 20180133-EI and as described in my testimony regarding the Third SoBRA submitted in Docket No. 20190136-EI. A summary of the annual revenue requirement calculation is shown in Document No. 3 of my exhibit. This annual revenue requirement amount is approximately $2.6 million less than the revenue cap for the Fourth SoBRA in subparagraph 6(b) of the 2017 Agreement.

Q. Please explain the assumptions used in your calculation of the annual revenue requirement.

A. I calculated the annual revenue requirement for the Fourth SoBRA in accordance with the specifications of the 2017 Agreement. I began with the projected installed costs for Durrance Solar in the Fourth SoBRA as presented by witness Ward, *i.e.*, $1,500 per kW_{ac}.

I used the following capital structure specified in the 2017 Agreement: a 10.25 percent return on common equity using a 54 percent equity ratio and a 3.0 percent long-term debt rate on the remaining 46 percent debt in the

capital structure. The debt rate is the forecasted long-term debt rate which, in accordance with the 2017 Agreement, reflects the prospective long-term debt issuances during the first 12 months of operation of the projects. The ITC associated with the Fourth SoBRA was normalized over the 30-year life of the assets in accordance with applicable Internal Revenue Service regulations.

My calculation includes the projected impact of the property tax exemption for solar projects. These assumptions were included in a model that considered the solar project costs along with the company's incremental capital costs and agreed upon capital structure to arrive at a revenue requirement amount.

Q. How many MW of solar generation is the company requesting cost recovery for in its Fourth SoBRA?

A. Tampa Electric proposes to recover the costs for 45.7 MW of solar generation from Durrance Solar in the Fourth SoBRA.

The as-built capacity of the project is expected to be 60.1 MW, and the revenue requirement for the Fourth SoBRA

will be based upon 45.7 MW, as that is the remaining amount of the maximum total 600 MW for all four SoBRAs and is less than the 50 MW allowed for the Fourth SoBRA, per the requirements of the 2017 Agreement.

Q. Please explain the calculation of the annual revenue requirement for the Fourth SoBRA as presented in Document No. 3 of your exhibit.

A. Document No. 3 uses the capital expenditures presented by witness Ward. I calculated the book depreciation and the cost of capital using the capital structure described above, adjusted for accumulated deferred taxes. I also added property taxes and fixed operating expenses.

Q. Is this a final revenue requirement amount, and how are customers protected if it is not a final amount?

A. It is not a final revenue requirement amount, but customers are protected through the true-up process. Subparagraph 6(g) of the 2017 Agreement specifies that this annual revenue requirement amount will be trued up for the actual installed cost and in-service dates of the project included in the Fourth SoBRA. Once the difference between the estimated and actual costs is known, the true-up amount

will be included in the Capacity Cost Recovery Clause factors, with interest applied.

Q. Does the annual revenue requirement presented in your exhibit reflect an incentive savings adjustment?

A. No. Subparagraph 6(m) of the 2017 Agreement contains an incentive designed to encourage Tampa Electric to build solar projects for recovery under a SoBRA at the lowest possible cost. According to subparagraph 6(m), if Tampa Electric's actual installed cost for a project is less than the Installed Cost Cap, the company's customers and the company will share in the beneficial difference with 75 percent of the difference inuring to the benefit of customers and 25 percent serving as an incentive to the company to seek such cost savings over the life of this 2017 Agreement. The estimated installed cost for the Fourth SoBRA is $1,500 per kW_{ac}, so an incentive is not included in the revenue requirement for the Fourth SoBRA.

COST-EFFECTIVENESS TEST

Q. Please describe the cost-effectiveness standard in the 2017 Agreement.

A. Subparagraph 6(g) of the 2017 Agreement states that the

cost-effectiveness for the projects in a SoBRA tranche shall be evaluated in total by considering only whether the projects in the tranche will lower the company's projected system CPVRR as compared to such CPVRR without the solar projects.

Q. Have you evaluated the Durrance Solar project included in the Fourth SoBRA as required by this cost-effectiveness test?

A. Yes. The as-built capacity of Durrance Solar is expected to be 60.1 MW, and the amount that is recoverable through the Fourth SoBRA is limited to 45.7 MW in accordance with the 2017 Agreement. In order to ensure a comprehensive analysis, the cost effectiveness test has been performed on both the annual revenue requirement associated with the entire 60.1 MW being constructed and the 45.7 MW of capacity recoverable through the Fourth SoBRA.

The calculations used to support this conclusion are based on the projected installed costs presented in witness Ward's prepared direct testimony and are contained in Document No. 4 and 5 of my exhibit. The cost-effectiveness calculation for the Fourth SoBRA was performed using the same approach used for the First and Second SoBRAs as

described in R. James Rocha's prepared direct testimony in Docket Nos. 20170260-EI and 20180133-EI and as described in my testimony regarding the Third SoBRA submitted in Docket No. 20190136-EI.

Q. Please explain the underlying assumptions used to determine the projected system CPVRR, as reflected in Document No. 4 and 5 of your exhibit.

A. The primary assumptions for the cost-effectiveness calculations are the company's demand and energy forecast and the fuel price forecast.

Demand and energy from Tampa Electric's most recent long-term load forecast are the same as the forecast that will be used in the company's annual filings for 2021 cost recovery factors and its 2021 Ten Year Site Plan. The forecast is shown in Document No. 1 of my exhibit.

The fuel forecast used in the CPVRR analysis is the same as the one that will be used in preparing the 2021 projected costs and recovery factors to be submitted in Tampa Electric's annual filings for 2021 cost recovery factors. The fuel forecast was prepared using the same methodology the company has relied upon to develop its

fuel price forecast for each year for approximately the past ten years and is shown in Document No. 2 of my exhibit.

Q. Please explain the projected system CPVRR calculations of the project, as reflected in Document No. 4 and 5 of your exhibit.

A. The 45.7 MW of the project included in the Fourth SoBRA lowers the company's projected system CPVRR as compared to such CPVRR without the solar project by $31.0 million; therefore, the project covered by the Fourth SoBRA satisfies the cost-effectiveness test in the 2017 Agreement.

For the 60.1 MW constructed at Durrance Solar, the projected system CPVRR differential between the system with the solar project and such CPVRR without the solar project results in a project savings of $39.9 million, demonstrating the cost-effectiveness of the entire project.

Q. Please explain how the projected value of fuel savings was determined.

A. Using the company's Integrated Resource Planning process,

a long-term base case model was prepared without the fourth tranche of solar generation. Next, starting from this base case, a change case model was prepared with the fourth tranche, 45.7 MW of solar generation, in service as of January 1, 2021. The base case and change case were run with the production cost modeling software to determine system cumulative net present value revenue requirements, including fuel costs. The cost associated with the change case is subtracted from the base case to determine the savings. The fuel savings for the 45.7 MW included in the Fourth SoBRA over the life of the project is $58.3 million, as shown in Document No. 4 of my exhibit.

The same process was performed for the 60.1 MW constructed and resulted in $76.5 million of fuel savings over the life of the project. This is shown in Document No. 5 of my exhibit.

Q. Please describe how the capacity value of deferral associated with the Fourth SoBRA project was determined.

A. The company apportioned the value of deferral for the 600 MW of solar contemplated in the 2017 Agreement to the individual tranches specified in paragraph 6, so the Fourth SoBRA was given a pro-rata share of the total value of

deferral for the 600 MW taken as a whole. Doing so is consistent with the intent of the parties when the agreement was negotiated. It is also consistent with the approach used in the company's First, Second, and Third SoBRAs.

Paragraph 6 of the 2017 Settlement Agreement was intended by the parties to give Tampa Electric an opportunity to build 550 MW of cost-effective solar generation (plus an additional 50 MW as an incentive) over a period of time. The total capacity was divided into three tranches (with an optional fourth) and staged or allocated to future time periods to accommodate orderly construction and to phase in and moderate the rate impact to retail customers. During the negotiations, the company disclosed its plans to purchase the solar modules for the entire 600 MW and then finalized the purchase in 2017. Although the specifics of the cost-effectiveness test contemplated in the 2017 Settlement Agreement were not spelled out in paragraph 6, the way in which the company has apportioned solar capacity value and value of other deferred capacity in its CPVRR calculation is consistent with the way the parties discussed the solar additions in paragraph 6 of the 2017 Settlement Agreement. The company recognizes that this approach is not consistent with the method the Commission typically uses when attributing value of deferral in a CPVRR

project, and acknowledges that the approach used in its SoBRA is not intended to have any precedential value to the company or otherwise beyond the scope of the 600 MW of solar contemplated in the 2017 Agreement.

The company calculated these capacity values of deferral as a way to prorate the expansion plan savings from the entire 600 MW in the Agreement across the Solar Generation Tranches. It is also the same ratable approach of value of deferral used when evaluating demand-side management programs in Tampa Electric's conservation dockets. This was essential because expansion plan additions are "lumpy," and even 1 MW of Tranche 1 or 2 could be the tipping point to defer an expansion plan addition while Tranche 3 does not. To do otherwise would incorrectly benefit one tranche at the expense of the other tranches and would be inconsistent with the solar capacity additions contemplated in the Agreement, which led the company to plan and procure solar equipment for 600 MW of solar generation.

The Fourth SoBRA solar project does not change the expansion plan compared to the base case expansion plan. The First SoBRA and the full 600 MW did defer future units. Therefore, Tampa Electric made the decision to pro-rate

the first unit deferred across all four tranches. The value of deferral was updated with each SoBRA to reflect the current avoided unit cost and in-service date. The company followed the same method for the Fourth SoBRA; in this instance the type of avoided unit also changed from a combustion turbine to a reciprocating engine. The credit shown derives solely from a value of deferral calculated capacity value of the Fourth SoBRA solar project. Only the firm (applies to reserve margin) portion of capacity value is included as a credit. This calculation is shown as a $34.5 million credit for the Fourth SoBRA, in Document No. 4 of my exhibit.

Q. Please explain the projected system CPVRR calculations reflected in Document No. 4 of your exhibit.

A. For the 45.7 MW of the Durrance Solar project included in the SoBRA, the differential CPVRR is favorable for customers by $31 million before any value for reduced emissions is included and $38.3 million when the value of reduced emissions is included. Tampa Electric tested these savings to customers using sensitivities on fuel prices and the market price forecast for carbon. The high and low fuel forecasts were prepared contemporaneously with the base fuel forecast. The results show that customer savings

occur under each of the fuel forecast sensitivities.

Q. Please discuss other benefits of the Fourth SoBRA, including lower emissions.

A. The Durrance Solar project included in the Fourth SoBRA will decrease carbon dioxide ("CO_2") emissions by over 50,000 tons per year, while in the early years, it will decrease nitrogen oxide ("NOx") emissions by hundreds of tons and sulfur dioxide ("SO_2") emissions by hundreds of tons. Additionally, the Durrance Solar project will result in increased construction jobs and additional property tax revenues for the county. All the while, Tampa Electric will maintain competitive rates for customers which are expected to remain among the lowest of Florida's investor-owned utilities.

COST CAP TRIGGER

Q. What does the 2017 Agreement say about the additional 50 MW for the fourth tranche?

A. Per the 2017 Agreement, cost recovery for the fourth SoBRA is contingent on the average capital cost for the First and Second SoBRAs. In order to qualify for cost recovery,

the average capital cost for the First and Second SoBRAs is not to exceed $1,475/kW$_{ac}$.

Q. What is the average capital cost for the First and Second SoBRAs?

A. The weighted average cost for the First and Second SoBRA projects is $1,448 per kW$_{ac}$, as reported in the company's notice of intent to seek approval of Fourth SoBRA submitted in this docket on February 27, 2020 and supported by the company's First and Second SoBRA True-Up filing in Docket No. 20200144-EI.

Q. Are there any other agreements that affect the qualification for the company's Fourth SoBRA?

A. Yes. On June 9, 2020, the Commission approved Tampa Electric's 2020 Settlement Agreement ("2020 Agreement") in Docket No. 20200145-EI. The 2020 Agreement states the method by which the average cost is to be calculated to determine the company's eligibility for the Fourth SoBRA. As stated in paragraph 1 of the 2020 Agreement, "…the average cost of the projects in the First and Second SoBRAs, taken together, must be at or below $1,475 per kW$_{ac}$." The average cost for the First and Second SoBRAs

taken together is $1,448 per kW_{ac}, which is below the eligibility criteria average cost of $1,475 per kW_{ac}. Therefore, Tampa Electric is eligible to recover costs for its Fourth SoBRA project.

Q. Does Tampa Electric meet the requirements to recover the capital costs associated with the Fourth SoBRA?

A. Yes. Tampa Electric meets the requirement set forth in the 2017 Agreement and 2020 Agreement, as I discussed above, to recover the capital costs associated with the Fourth SoBRA.

SUMMARY

Q. Please summarize your prepared direct testimony.

A. The annual revenue requirement for the Fourth SoBRA is $7,611,000 and does not include an incentive. The Durrance Solar project consisting of 45.7 MW of new solar capacity being constructed in conjunction with the Fourth SoBRA will yield CPVRR savings of $38.3 million. These projects will reduce air emissions and increase fuel diversity and improve price stability for customers. The assumptions used in my cost-effectiveness calculations are reasonable, the methodology used is sound, and the results comport

with the provisions of the 2017 Agreement and the cost-effectiveness standards of the Commission. Tampa Electric, accordingly, requests approval of the Fourth SoBRA by the Commission.

Q. Does this conclude your prepared direct testimony?

A. Yes, it does.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. _____(JAA-1)

EXHIBIT

OF

JOSE A. APONTE

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ____ (JAA-1)
WITNESS: APONTE
DOCUMENT NO. 1

Demand & Energy Forecast

	Winter (MW)	Summer (MW)	Energy (GWh)
2020	3,538	4,144	20,549
2021	4,400	4,170	20,525
2022	4,464	4,220	20,760
2023	4,523	4,269	20,975
2024	4,575	4,310	21,134
2025	4,627	4,351	21,302
2026	4,674	4,391	21,465
2027	4,720	4,431	21,634
2028	4,767	4,473	21,823
2029	4,814	4,514	22,018
2030	4,859	4,552	22,195
2031	4,901	4,588	22,361
2032	4,940	4,622	22,520
2033	4,979	4,656	22,677
2034	5,016	4,690	22,834
2035	5,054	4,723	22,991
2036	5,090	4,756	23,147
2037	5,126	4,790	23,310
2038	5,163	4,824	23,474
2039	5,200	4,860	23,641
2040	5,200	4,860	23,641
2041	5,200	4,860	23,641
2042	5,200	4,860	23,641
2043	5,200	4,860	23,641
2044	5,200	4,860	23,641
2045	5,200	4,860	23,641
2046	5,200	4,860	23,641
2047	5,200	4,860	23,641
2048	5,200	4,860	23,641
2049	5,200	4,860	23,641
2050	5,200	4,860	23,641

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ___ (JAA-1)
WITNESS: APONTE
DOCUMENT NO. 2

Fuel Forecast ($/MMBtu)

	Coal	Natural Gas
2020	2.74	2.28
2021	3.24	2.87
2022	3.39	2.68
2023	3.32	2.83
2024	3.37	3.00
2025	3.44	3.23
2026	3.52	3.46
2027	3.58	3.75
2028	3.66	4.03
2029	3.75	4.27
2030	3.68	4.45
2031	3.78	4.59
2032	3.89	4.72
2033	3.98	4.91
2034	4.09	5.04
2035	4.18	5.18
2036	4.28	5.32
2037	4.38	5.45
2038	4.47	5.51
2039	4.57	5.66
2040	4.67	5.83
2041	4.78	6.00
2042	4.88	6.17
2043	4.99	6.39
2044	5.10	6.56
2045	5.21	6.74
2046	5.33	6.96
2047	5.45	7.20
2048	5.57	7.42
2049	5.69	7.63
2050	5.82	7.83

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ___ (JAA-1)
WITNESS: APONTE
DOCUMENT NO. 3

Revenue Requirements for Fourth SoBRA
45.7 MW

($000)	2021
Capital RR	6,802
FOM	244
Land	564
Total RR	7,611

First & Second SoBRA True-up	(77)
Fourth SoBRA RR with True-Up Adjustment	7,534

Note: Totals may not sum due to rounding.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ____ (JAA-1)
WITNESS: APONTE
DOCUMENT NO. 4

Cost-Effectiveness Test for Fourth SoBRA (Based on the 45.7 MW Included in the SoBRA)

Delta CPVRR Revenue Requirements - Base Fuel	Cost/(Savings) (2020 US $ millions)
Capital RR - Other New Units	$0.0
Value of Deferral	($34.5)
Capital RR - Solar New Arrays (w/Interconnect)	$60.0
RR of Land for Solar	$6.5
System VOM	($3.4)
FOM - Other Future Units	$0.0
FOM - Solar Future Arrays	($1.3)
System Fuel	($58.3)
System Capacity	$0.0
Sub Total w/o NO_X or CO_2 Cost	($31.0)
Plus Emissions Costs	
CO_2 - Base	($7.2)
CO_2 - High	($24.2)
CO_2 - Low	$0.0
NO_X - Base	($0.0)
Total w/ CO_2 (Base) & NO_X Cost	($38.3)
Total w/ CO_2 (High) & NO_X Cost	($55.2)
Total w/ CO_2 (Low) & NO_X Cost	($31.0)

Cost-Effectiveness Test for Fourth SoBRA (Based on Construction of 60.1 MW Project)

Base Fuel Forecast	Cost/(Savings) (2020 US $ millions)
Capital RR - Other New Units	$0.0
Value of Deferral	($45.3)
Capital RR - Solar New Arrays (w/Interconnect)	$78.7
RR of Land for Solar	$8.5
System VOM	($5.2)
FOM - Other Future Units	$0.0
FOM - Solar Future Arrays	($0.1)
System Fuel	($76.5)
System Capacity	$0.0
Sub Total w/o NO_X or CO_2 Cost	($39.9)
Plus Emissions Costs	
CO_2 - Base	($10.9)
CO_2 - High	($37.3)
CO_2 - Low	$0.0
NO_X - Base	($0.0)
Total w/ CO_2 (Base) & NO_X Cost	($50.9)
Total w/ CO_2 (High) & NO_X Cost	($77.2)
Total w/ CO_2 (Low) & NO_X Cost	($39.9)

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20200064-EI
IN RE: PETITION BY TAMPA ELECTRIC COMPANY FOR A LIMITED PROCEEDING TO APPROVE FOURTH SOBRA EFFECTIVE JANUARY 1, 2021

PREPARED DIRECT TESTIMONY AND EXHIBIT OF WILLIAM R. ASHBURN

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

WILLIAM R. ASHBURN

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

A. My name is William R. Ashburn. My business address is 702 N. Franklin Street, Tampa, Florida 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") as Director, Pricing and Financial Analysis.

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

A. I graduated from Creighton University with a Bachelor of Science degree in Business Administration. Upon graduation, I joined Ebasco Business Consulting Company where my consulting assignments included the areas of cost allocation, computer software development, electric system inventory and mapping, cost of service filings and property record development. I joined Tampa Electric in 1983 as a Senior Cost Consultant in the Rates and Customer Accounting Department. At Tampa Electric I have

held a series of positions with responsibility for cost of service studies, rate filings, rate design, implementation of new conservation and marketing programs, customer surveys and various state and federal regulatory filings. In March 2001, I was promoted to my current position of Director, Pricing and Financial Analysis in Tampa Electric's Regulatory Affairs Department. I am a member of the Rate and Regulatory Affairs Committee of the Edison Electric Institute ("EEI").

Q. Have you previously testified before the Florida Public Service Commission ("Commission")?

A. Yes. I have testified or filed testimony before this Commission in several dockets. Most recently, I submitted direct testimony in Docket No. 20200144-EI, petition for limited proceeding to True-up First and Second Solar Base Rate Adjustments. I also filed direct testimony in Docket No. 20190136-EI, petition for limited proceeding to approve Third Solar Base Rate Adjustment, effective January 1, 2020, by Tampa Electric Company. I filed testimony before this Commission in Docket No. 20180045-EI, Consideration of the Tax Impacts Associated with Tax Cuts and Jobs Act of 2017 for Tampa Electric and Docket

No. 20180133-EI, petition for limited proceeding to approve second solar base rate adjustment ("SoBRA"), effective January 1, 2019, by Tampa Electric Company. I also testified before this Commission in Docket No. 20170260-EI, petition for limited proceeding to approve first solar base rate adjustment, effective September 1, 2018, by Tampa Electric Company. I testified for Tampa Electric in Docket No. 20170210-EI as a member of a panel of witnesses during the November 6, 2017 hearing on the 2017 Amended and Restated Stipulation and Settlement Agreement ("2017 Agreement"). I also testified on behalf of Tampa Electric in Docket No. 20130040-EI regarding the company's petition for an increase in base rates and miscellaneous service charges and in Docket No. 20080317-EI which was Tampa Electric's previous base rate proceeding. I testified in Docket No. 20020898-EI regarding a self-service wheeling experiment and in Docket No. 20000061-EI regarding the company's Commercial/Industrial service rider. In Docket Nos. 20000824-EI, 20001148-EI, 20010577-EI and 20020898-EI, I testified at different times for Tampa Electric and as a joint witness representing Tampa Electric, Florida Power & Light Company ("FP&L") and Progress Energy Florida, Inc. ("PEF") regarding rate and cost support matters related to the GridFlorida proposals. In

addition, I represented Tampa Electric numerous times at workshops and in other proceedings regarding rate, cost of service and related matters. I have also provided testimony and represented Tampa Electric before the Federal Energy Regulatory Commission ("FERC") in rate and cost of service matters.

Q. What are the purposes of your prepared direct testimony?

A. The purposes of my prepared direct testimony are to: (1) describe the provisions in the 2017 Agreement approved by the Commission that govern the cost of service and rate design for a SoBRA and (2) sponsor and explain the proposed rates and tariffs for the company's Fourth SoBRA, effective on the first billing cycle of January 2021.

Q. Have you prepared an exhibit to support your direct testimony?

A. Yes. Exhibit No. ____ (WRA-1) was prepared under my direction and supervision. It consists of the following seven documents:

Document No. 1 Development of Fourth SoBRA Base Revenue Increase by Rate Class

Document No. 2	Base Revenue by Rate Schedule for Fourth SoBRA
Document No. 3	Rollup Base Revenue by Rate Class for Fourth SoBRA
Document No. 4	Typical Bills Reflecting Fourth SoBRA Base Revenue Increase
Document No. 5	Determination of Fuel Recovery Factor for Fourth SoBRA
Document No. 6	Redlined Tariffs Reflecting Fourth SoBRA Base Revenue Increase
Document No. 7	Clean Tariffs Reflecting Fourth SoBRA Base Revenue Increase

Q. How does your prepared direct testimony relate to the prepared direct testimony of Tampa Electric witnesses Mark D. Ward and Jose A. Aponte, filed concurrently in this docket?

A. Tampa Electric witness Mark D. Ward's prepared direct testimony describes the solar project, Durrance Solar, for which cost recovery is requested via the company's Fourth SoBRA, as well as its projected in-service date and installed cost per kilowatt alternating current ("kW_{ac}"). Tampa Electric witness Jose A. Aponte's prepared direct testimony presents the annual revenue requirement

for the company's Fourth SoBRA using the projected installed project costs presented in witness Ward's prepared direct testimony. I use the annual revenue requirement from witness Aponte's prepared direct testimony to develop the proposed base rate adjustment for the Fourth SoBRA.

2017 AGREEMENT GUIDANCE FOR SOBRA

Q. Please describe how the 2017 Agreement calls for the SoBRA revenue requirements to be allocated to rate classes.

A. The 2017 Agreement directs that the SoBRA revenue requirements be allocated to rate classes using the 12 Coincident Peak ("CP") and 1/13th Average Demand ("AD") method of allocating production plant and be applied to existing base rates, charges and credits as described by the following two principles:

1. Only 40 percent of the revenue requirement that would otherwise be allocated to the lighting rate class under the 12 CP and 1/13th AD methodology shall be allocated to the lighting class through an increase to the lighting base energy rate, and the remaining 60 percent shall be allocated ratably to the other classes.
2. The 12 CP and 1/13th AD allocation factor used to

derive the revenue requirement allocation shall be based on factors used in Tampa Electric's then most current energy conservation cost recovery ("ECCR") clause filings with the Commission.

Q. Once the revenue requirement has been allocated to rate classes, how will the SoBRA rates to recover each class's revenue requirement be designed?

A. The 2017 Agreement requires the following three principles be employed when designing the base rate adjustments for SoBRA:

1. The revenue requirement associated with SoBRA will be used to increase demand charges for rate schedules with demand charges and energy charges for rate schedules without demand charges.
2. Within the GSD and IS rate classes, the allocated SoBRA revenue requirement will be applied to non-standby demand charges only.
3. The billing determinants used to derive the base rate adjustments shall be based on factors and determinants used in Tampa Electric's then most current ECCR clause filings with the Commission.

Q. Do you provide an exhibit that shows the results of

applying the allocation methodology called for in the 2017 Agreement?

A. Yes. Document No. 1 of my exhibit was prepared for that purpose. That document, titled "Development of SoBRA Base Revenue Increases by Rate Class," shows how the revenue requirement increase described in witness Aponte's prepared direct testimony was allocated across the rate classes. Second, the 12 CP and 1/13th AD allocation factor utilized to set 2021 ECCR clause rates was used to allocate the total revenue requirement increase to all rate classes. Then, the part that was allocated to the Lighting class was split 60/40, with 40 percent recovered from the Lighting class and the remaining 60 percent reallocated to the other rate classes using the same 12 CP and 1/13th AD allocation factor (less the lighting portion).

Q. Does the 2017 Agreement provide for a true-up mechanism to be applied to SoBRA rates?

A. Yes. The 2017 Agreement provides that each SoBRA tranche will be subject to a true-up for the actual cost of the approved project. Once the difference between the estimated and actual costs is known, the true-up amount

will be included in the Capacity Cost Recovery Clause rates, with interest applied, and the permanent base rate SoBRA charges will be implemented.

Q. Are there any permanent base rate changes from prior true-up amounts to be applied to SoBRA rates?

A. Yes. I included a true-up total of a net negative $77,000 associated with the First and Second SoBRAs in the revenue requirement for the Fourth SoBRA and used that adjusted revenue requirement to develop the rates and tariff sheets presented in my testimony and the tariff sheets. This approach to reflecting the true-up amount was proposed in Docket No. 20200145-EI as the First and Second SoBRA true-up amount is too small to move base rates on a stand-alone basis. The combined revenue requirement was used to derive the proposed rates.

PROPOSED RATES AND TARIFFS FOR SOBRA

Q. Having completed the allocation of the SoBRA revenue requirement to rate classes, what is the next step to derive the base rate adjustment?

A. Using the methodology called for in the 2017 Agreement described above, certain rates in each rate class were

increased to recover the identified revenue requirement.

Q. Do you provide exhibits that show the results of that base rate adjustment design?

A. Yes. Document No. 2 of my exhibit was prepared for that purpose. It presents the company's proposed rate changes to recover the Fourth SoBRA class revenue requirements by rate and rate schedule in the format required by Minimum Filing Requirement ("MFR") Schedule E-13c. Document No. 3 of my exhibit rolls up the rate schedule amounts to rate class using the MFR Schedule E-13a format, which then can be compared to Document No. 1 of my exhibit to show how close the rate design comes to collecting the allocated revenue requirements. Document No. 4 of my exhibit utilizes the format of MFR Schedule A-2 to show the impact of the Fourth SoBRA increase on typical RS, GS, GSD and IS bills. Finally, Document No. 5 of my exhibit shows the determination of the rate impact associated with the Fourth SoBRA fuel cost savings.

Q. Please explain the fuel impact of the Fourth SoBRA and how that affects rates in 2021.

A. The fourth tranche of solar generation will begin service

January 1, 2021 and is expected to provide fuel savings of approximately $3.712 million during 2021. Those expected fuel savings will be included in the company's proposed 2021 annual fuel cost recovery factors to be submitted to the Commission on September 3, 2020. The savings represent an estimated $0.19 reduction on the 2021 residential customer 1,000 kWh monthly bill.

Q. Do you provide an exhibit that shows the redlined changes to tariff sheets affected by implementation of the Fourth SoBRA?

A. Yes. Document No. 6 of my exhibit was prepared for that purpose. It shows the proposed rates in comparison to the company's current rates with adjusted base rates to reflect $15 million of revenue requirements which are being transferred to recovery under the new SPPCRC. These new "current" base rates are filed in Docket No. 20200092-EI.

Q. Do you provide an exhibit that shows the clean tariff sheets affected by implementation of the Fourth SoBRA?

A. Yes. Document No. 7 of my exhibit was prepared for that purpose.

SUMMARY

Q. Please summarize your prepared direct testimony.

A. I have performed the cost of service and rate design components of the Fourth SoBRA in accordance with the provisions of the 2017 Agreement. I have also performed rate class allocations and determined the appropriate base rate increases by rate class needed to recover the Fourth SoBRA revenue requirement in addition to the true-up revenue requirement associated with the First and Second SoBRAs. The proposed fuel savings and residential customer bill impacts are as described in my direct testimony and exhibit. The modified tariff sheets that accompany my prepared direct testimony properly implement the Fourth SoBRA and First and Second SoBRA true-up base rate adjustments and should be approved by the Commission.

Q. Does this conclude your prepared direct testimony?

A. Yes, it does.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT No. _____ (WRA-1)

EXHIBIT

OF

WILLIAM R. ASHBURN

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TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ___ (WRA-1)
WITNESS: ASHBURN
DOCUMENT NO. 1

Development of

Fourth SoBRA Base Revenue Increase

by Rate Class

TAMPA ELECTRIC COMPANY
DEVELOPMENT OF SoBRA TRANCHE #4 BASE RATE ADJUSTMENT INCLUDING NET OF TRUE UP OF 1st AND 2nd SoBRA BASE RATE ADJUSTMENTS FOR 2021

($000)

45.7 MW SoBRA Tranche #4
12CP &1/13 - All Demand

Line		Rate Class	(A) Adjusted Revenue Requirement(1)	(B) Present Base Revenue(2)	(C) Base Revenue Deficiency $ (A) - (B)	(D) Base Revenue Deficiency % (C) / (B)	(E) Proposed Base Rev. Increase $	(F) Proposed Base Rev. Increase % (E) / (B)	(G) 2020 Targeted Base Revenue (B) + (E)
1	I.	Residential (RS,RSVP)	$ 664,503	$ 660,248	$ 4,255	0.64%			
2									
3	II.	General Service							
4		Non-Demand (GS,CS)	64,913	64,524	389	0.60%			
5									
6									
7		Sub-Total: I. + II.	$ 729,417	$ 724,773	$ 4,644	0.64%	$ 4,644	0.64%	$ 729,417
8									
9									
10	III.	General Service							
11		Demand (GSD, SBF)	335,746	333,058	2,688	0.81%	$ 2,688	0.81%	335,746
12									
13	IV.	Interruptible Service (IS/SBI)	31,418	31,222	195	0.63%	$ 195	0.63%	31,418
15									
16									
19	V.	Lighting (LS-1)							
20		A. - Energy	$ 3,215	3,209	6	0.19%	$ 6	0.19%	$ 3,215
21		B. - Facilities	43,545	43,545	-	0.00%	$ -	0.00%	$ 43,545
22									
23									
24		Total	$ 1,143,341	$ 1,135,807	$ 7,534	0.66%	$ 7,534	0.66%	$ 1,143,341
25									
26				$ 7,534					
27									

(1) The adjusted revenue requirement includes SoBRA 4 revenue requirement of $7,611,000 then decreased by the true-up for SoBRA 1 and 2 which is a credit of $77,000, for a total of 7,534,000 total base revenue increase.
(2) Base revenues are as of January 1, 2021, that have been decreased by $15million which was transferred to SPPCRC.

28
29
30
31
32
33
34

TAMPA ELECTRIC COMPANY
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2020
12 CP &1/13 Allocation

7,534

Lighting allocation spread over other classes
15 0.286%
60.00%
9
40.00%
6

		Lighting Share Reallocation		FINAL RR		Lighting Share Reallocation		FINAL RR
$000	%	$000	%	$000		$000	%	$000
4,250	56.411%	9	56.53%	4,259		5	56.53%	4,255
389	5.157%	1	5.17%	389		0	5.17%	389
	61.568%							
2,685	35.640%	5	35.71%	2,691		3	35.71%	2,688
195	2.590%	0	2.60%	196		0	2.60%	195
15	0.201%							6
7,534	100.00%	15	100%	7,534		9	100%	7,534

TAMPA ELECTRIC COMPANY
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EXHIBIT NO. ___ (WRA-1)
WITNESS: ASHBURN
DOCUMENT NO. 2

Base Revenue by Rate Schedule for Fourth SoBRA

Fourth SoBRA
12CP and 1/13 With 40% Allocation to Lighting
All Demand

July 31, 2020

SCHEDULE E-13a — REVENUE FROM SALE OF ELECTRICITY BY RATE SCHEDULE — Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Compare jurisdictional revenue excluding service charges by rate schedule under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, the revenue and billing determinant information shall be shown separately for the transfer group and not be included under either the new or old classification.

Type of data shown:
XX Projected Year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 20200064-EI

($000)

12CP & 1/13 - all demand

Line No.	Rate	(1) Base Revenue at Present Rates	(2) Base Revenue Under Proposed Rates	Increase (3) Dollars (2) - (1)	Increase (4) Percent (3) / (1)
1	RS, RSVP-1	660,248	664,461	4,213	0.6%
2	GS, GST	63,072	63,498	426	0.7%
3	CS	1,453	1,459	6	0.4%
4	GSD, GSDT	304,286	306,976	2,690	0.9%
5	GSD Optional	24,405	24,442	36	0.1%
6	SBF, SBFT	4,367	4,394	27	0.6%
7	IS, IST	16,494	16,662	168	1.0%
8	SBI	14,729	14,748	19	0.1%
9	LS-1 (Energy Service)	3,209	3,215	5	0.2%
10	LS-1 (Facilities)	43,545	43,545	-	0.0%
11					
12					
13	TOTAL	$ 1,135,807	$ 1,143,399	$ 7,592	0.7%
14					
15					
16					
17					
18					
19					
20					
21					
22	Summary by Rate Class				
23	RS	660,248	664,461	4,213	0.6%
24					
25	GS	64,524	64,957	432	0.7%
26					
27	GSD	333,058	335,811	2,753	0.8%
28					
29	IS	31,222	31,410	188	0.6%
30					
31	Lighting	46,754	46,760	5	0.01%
32					
33	TOTAL	1,135,807	1,143,399	7,592	0.7%
34					
35					
36					

Supporting Schedules: E-13c, E-13d

Recap Schedules:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
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TAMPA ELECTRIC COMPANY
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WITNESS: ASHBURN
DOCUMENT NO. 3

Rollup Base Revenue by Rate Class for Fourth SoBRA

Fourth SoBRA
12CP and 1/13 With 40% Allocation to Lighting
All Demand

July 31, 2020

SCHEDULE E-13a — REVENUE FROM SALE OF ELECTRICITY BY RATE SCHEDULE — Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Compare jurisdictional revenue excluding service charges by rate schedule under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, the revenue and billing determinant information shall be shown separately for the transfer group and not be included under either the new or old classification.

Type of data shown:
XX Projected Year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 20200064-EI

($000)

12CP & 1/13 - all demand

Line No.	Rate	(1) Base Revenue at Present Rates	(2) Base Revenue Under Proposed Rates	Increase (3) Dollars (2) - (1)	Increase (4) Percent (3) / (1)
1	RS, RSVP-1	660,248	664,461	4,213	0.6%
2	GS, GST	63,072	63,498	426	0.7%
3	CS	1,453	1,459	6	0.4%
4	GSD, GSDT	304,286	306,976	2,690	0.9%
5	GSD Optional	24,405	24,442	36	0.1%
6	SBF, SBFT	4,367	4,394	27	0.6%
7	IS, IST	16,494	16,662	168	1.0%
8	SBI	14,729	14,748	19	0.1%
9	LS-1 (Energy Service)	3,209	3,215	5	0.2%
10	LS-1 (Facilities)	43,545	43,545	-	0.0%
11					
12					
13	TOTAL	$ 1,135,807	$ 1,143,399	$ 7,592	0.7%
14					
15					
16					
17					
18					
19					
20					
21					
22	Summary by Rate Class				
23	RS	660,248	664,461	4,213	0.6%
24					
25	GS	64,524	64,957	432	0.7%
26					
27	GSD	333,058	335,811	2,753	0.8%
28					
29	IS	31,222	31,410	188	0.6%
30					
31	Lighting	46,754	46,760	5	0.01%
32					
33	TOTAL	1,135,807	1,143,399	7,592	0.7%
34					
35					
36					

Supporting Schedules: E-13c, E-13d

Recap Schedules:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
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TAMPA ELECTRIC COMPANY
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DOCUMENT NO. 4

Typical Bills Reflecting

Fourth SoBRA Base Revenue Increase

Fourth SoBRA
12CP and 1/13 With 40% Allocation to Lighting
All Demand

July 31, 2020

SCHEDULE A-2 | FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS | Page 1 of 4

FLORIDA PUBLIC SERVICE COMMISSION | EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates. | Type of data shown:
XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

RS - RESIDENTIAL SERVICE

	RATE SCHEDULE RS		BILL UNDER PRESENT RATES							BILL UNDER PROPOSED RATES							INCREASE		COSTS IN CENTS/KWH	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Line No.	TYPICAL KW	KWH	BASE RATE	FUEL CHARGE	ECCR CHARGE	CAPACITY CHARGE	ECRC CHARGE	GRT CHARGE	TOTAL	BASE RATE	FUEL CHARGE	ECCR CHARGE	CAPACITY CHARGE	ECRC CHARGE	GRT CHARGE	TOTAL	DOLLARS (16)-(9)	PERCENT (17)/(9)	PRESENT (9)/(2)*100	PROPOSED (16)/(2)*100
1	0	-	$ 15.05	$ -	$ -	$ -	$ -	$ 0.39	$ 15.44	$ 15.05	$ -	$ -	$ -	$ -	$ 0.39	$ 15.44	$ -	0.0%	-	-
2																				
3	0	100	$ 20.23	$ 2.29	$ 0.23	$ (0.01)	$ 0.24	$ 0.59	$ 23.57	$ 20.27	$ 2.29	$ 0.23	$ (0.01)	$ 0.24	$ 0.59	$ 23.61	$ 0.04	0.2%	23.57	23.61
4																				
5	0	250	$ 28.00	$ 5.71	$ 0.58	$ (0.03)	$ 0.61	$ 0.89	$ 35.77	$ 28.11	$ 5.71	$ 0.58	$ (0.03)	$ 0.61	$ 0.90	$ 35.88	$ 0.11	0.3%	14.31	14.35
6																				
7	0	500	$ 40.96	$ 11.43	$ 1.16	$ (0.06)	$ 1.22	$ 1.40	$ 56.10	$ 41.17	$ 11.43	$ 1.16	$ (0.06)	$ 1.22	$ 1.41	$ 56.33	$ 0.22	0.4%	11.22	11.27
8																				
9	0	750	$ 53.91	$ 17.14	$ 1.74	$ (0.09)	$ 1.83	$ 1.91	$ 76.44	$ 54.23	$ 17.14	$ 1.74	$ (0.09)	$ 1.83	$ 1.92	$ 76.77	$ 0.33	0.4%	10.19	10.24
10																				
11	0	1,000	$ 66.86	$ 22.85	$ 2.32	$ (0.12)	$ 2.44	$ 2.42	$ 96.77	$ 67.30	$ 22.85	$ 2.32	$ (0.12)	$ 2.44	$ 2.43	$ 97.22	$ 0.45	0.5%	9.68	9.72
12																				
13	0	1,250	$ 82.31	$ 31.06	$ 2.90	$ (0.15)	$ 3.05	$ 3.06	$ 122.23	$ 82.86	$ 31.06	$ 2.90	$ (0.15)	$ 3.05	$ 3.07	$ 122.79	$ 0.56	0.5%	9.78	9.82
14																				
15	0	1,500	$ 97.77	$ 39.28	$ 3.48	$ (0.18)	$ 3.66	$ 3.69	$ 147.69	$ 98.42	$ 39.28	$ 3.48	$ (0.18)	$ 3.66	$ 3.71	$ 148.36	$ 0.67	0.5%	9.85	9.89
16																				
17	0	2,000	$ 128.67	$ 55.70	$ 4.64	$ (0.24)	$ 4.88	$ 4.97	$ 198.62	$ 129.54	$ 55.70	$ 4.64	$ (0.24)	$ 4.88	$ 4.99	$ 199.51	$ 0.89	0.4%	9.93	9.98
18																				
19	0	3,000	$ 190.48	$ 88.55	$ 6.96	$ (0.36)	$ 7.32	$ 7.51	$ 300.46	$ 191.79	$ 88.55	$ 6.96	$ (0.36)	$ 7.32	$ 7.54	$ 301.80	$ 1.34	0.4%	10.02	10.06
20																				
21	0	5,000	$ 314.10	$ 154.25	$ 11.60	$ (0.60)	$ 12.20	$ 12.60	$ 504.15	$ 316.28	$ 154.25	$ 11.60	$ (0.60)	$ 12.20	$ 12.66	$ 506.38	$ 2.23	0.4%	10.08	10.13
22																				
23																				

		PRESENT		PROPOSED	
24					
25	CUSTOMER CHARGE	15.05	$/Bill	15.05	$/Bill
26	DEMAND CHARGE	-	$/KW	-	$/KW
27	ENERGY CHARGE				
28	0 - 1,000 KWH	5.181	¢/kWH	5.225	¢/kWH
29	Over 1,000 KWH	6.181	¢/kWH	6.225	¢/kWH
30	FUEL CHARGE				
31	0 - 1,000 KWH	2.285	¢/kWH	2.285	¢/kWH
32	Over 1,000 KWH	3.285	¢/kWH	3.285	¢/kWH
33	CONSERVATION CHARGE	0.232	¢/kWH	0.232	¢/kWH
34	CAPACITY CHARGE	(0.012)	¢/kWH	(0.012)	¢/kWH
35	ENVIRONMENTAL CHARGE	0.244	¢/kWH	0.244	¢/kWH

36 Notes:
37 A. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.
38 B. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.
39 C. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.

Supporting Schedules: E-13c, E-14 Supplement | Recap Schedules:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ____ (WRA-1)
WITNESS: ASHBURN
DOCUMENT NO. 4
PAGE 1 OF 4
FILED: 07/31/2020

Fourth SoBRA
12CP and 1/13 With 40% Allocation to Lighting
All Demand

July 31, 2020

SCHEDULE A-2 | FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS | Page 2 of 4

FLORIDA PUBLIC SERVICE COMMISSION | EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates. | Type of data shown: XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

GS - GENERAL SERVICE NON-DEMAND

RATE SCHEDULE: GS

Line No.	(1) TYPICAL KW	(2) TYPICAL KWH	BILL UNDER PRESENT RATES (3) BASE RATE	(4) FUEL CHARGE	(5) ECCR CHARGE	(6) CAPACITY CHARGE	(7) ECRC CHARGE	(8) GRT CHARGE	(9) TOTAL	BILL UNDER PROPOSED RATES (10) BASE RATE	(11) FUEL CHARGE	(12) ECCR CHARGE	(13) CAPACITY CHARGE	(14) ECRC CHARGE	(15) GRT CHARGE	(16) TOTAL	INCREASE (17) DOLLARS (16)-(9)	(18) PERCENT (17)/(9)	COSTS IN CENTS/KWH (19) PRESENT (9)/(2)*100	(20) PROPOSED (16)/(2)*100
1	0	-	$ 18.06	$ -	$ -	$ -	$ -	$ 0.46	$ 18.52	$ 18.06	$ -	$ -	$ -	$ -	$ 0.46	$ 18.52	$ -	0.0%	-	-
2																				
3	0	100	$ 23.51	$ 2.64	$ 0.22	$ (0.01)	$ 0.24	$ 0.68	$ 27.28	$ 23.56	$ 2.64	$ 0.22	$ (0.01)	$ 0.24	$ 0.68	$ 27.33	$ 0.05	0.2%	27.28	27.33
4																				
5	0	250	$ 31.68	$ 6.60	$ 0.54	$ (0.03)	$ 0.61	$ 1.01	$ 40.41	$ 31.80	$ 6.60	$ 0.54	$ (0.03)	$ 0.61	$ 1.01	$ 40.53	$ 0.12	0.3%	16.16	16.21
6																				
7	0	500	$ 45.30	$ 13.19	$ 1.08	$ (0.06)	$ 1.22	$ 1.56	$ 62.29	$ 45.54	$ 13.19	$ 1.08	$ (0.06)	$ 1.22	$ 1.56	$ 62.54	$ 0.24	0.4%	12.46	12.51
8																				
9	0	750	$ 58.92	$ 19.79	$ 1.62	$ (0.08)	$ 1.83	$ 2.10	$ 84.18	$ 59.28	$ 19.79	$ 1.62	$ (0.08)	$ 1.83	$ 2.11	$ 84.54	$ 0.37	0.4%	11.22	11.27
10																				
11	0	1,000	$ 72.54	$ 26.38	$ 2.16	$ (0.11)	$ 2.44	$ 2.65	$ 106.06	$ 73.02	$ 26.38	$ 2.16	$ (0.11)	$ 2.44	$ 2.66	$ 106.55	$ 0.49	0.5%	10.61	10.65
12																				
13	0	1,250	$ 86.16	$ 32.98	$ 2.70	$ (0.14)	$ 3.05	$ 3.20	$ 127.95	$ 86.76	$ 32.98	$ 2.70	$ (0.14)	$ 3.05	$ 3.21	$ 128.56	$ 0.61	0.5%	10.24	10.28
14																				
15	0	1,500	$ 99.78	$ 39.57	$ 3.24	$ (0.17)	$ 3.66	$ 3.75	$ 149.83	$ 100.49	$ 39.57	$ 3.24	$ (0.17)	$ 3.66	$ 3.76	$ 150.56	$ 0.73	0.5%	9.99	10.04
16																				
17	0	2,000	$ 127.02	$ 52.76	$ 4.32	$ (0.22)	$ 4.88	$ 4.84	$ 193.60	$ 127.97	$ 52.76	$ 4.32	$ (0.22)	$ 4.88	$ 4.86	$ 194.58	$ 0.98	0.5%	9.68	9.73
18																				
19	0	3,000	$ 181.50	$ 79.14	$ 6.48	$ (0.33)	$ 7.32	$ 7.03	$ 281.14	$ 182.93	$ 79.14	$ 6.48	$ (0.33)	$ 7.32	$ 7.07	$ 282.60	$ 1.46	0.5%	9.37	9.42
20																				
21	0	5,000	$ 290.46	$ 131.90	$ 10.80	$ (0.55)	$ 12.20	$ 11.41	$ 456.22	$ 292.84	$ 131.90	$ 10.80	$ (0.55)	$ 12.20	$ 11.47	$ 458.66	$ 2.44	0.5%	9.12	9.17
22																				
23	0	8,500	$ 481.14	$ 224.23	$ 18.36	$ (0.94)	$ 20.74	$ 19.06	$ 762.60	$ 485.19	$ 224.23	$ 18.36	$ (0.94)	$ 20.74	$ 19.17	$ 766.75	$ 4.15	0.5%	8.97	9.02

	PRESENT	PROPOSED
CUSTOMER CHARGE	18.06 $/Bill	18.06 $/Bill
ENERGY CHARGE	5.448 ¢/kWH	5.496 ¢/kWH
FUEL CHARGE	2.638 ¢/kWH	2.638 ¢/kWH
CONSERVATION CHARGE	0.216 ¢/kWH	0.216 ¢/kWH
CAPACITY CHARGE	(0.011) ¢/kWH	(0.011) ¢/kWH
ENVIRONMENTAL CHARGE	0.244 ¢/kWH	0.244 ¢/kWH

Notes:

A. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.
B. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.
C. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.

Supporting Schedules: E-13c, E-14 Supplement | Recap Schedules:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
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Fourth SoBRA
12CP and 1/13 With 40% Allocation to Lighting
All Demand

July 31, 2020

FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates.

Type of data shown:
XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

GSD - GENERAL SERVICE DEMAND

Line No.	RATE SCHEDULE GSD (1) TYPICAL KW	(2) KWH	BILL UNDER PRESENT RATES (3) BASE RATE	(4) FUEL CHARGE	(5) ECCR CHARGE	(6) CAPACITY CHARGE	(7) ECRC CHARGE	(8) GRT CHARGE	(9) TOTAL	BILL UNDER PROPOSED RATES (10) BASE RATE	(11) FUEL CHARGE	(12) ECCR CHARGE	(13) CAPACITY CHARGE	(14) ECRC CHARGE	(15) GRT CHARGE	(16) TOTAL	INCREASE (17) DOLLARS (16)-(9)	(18) PERCENT (17)/(9)	COSTS IN CENTS/KWH (19) PRESENT (9)/(2)*100	(20) PROPOSED (16)/(2)*100
1	75.00	10950.00	$ 751.16	$ 288.86	$ 21.24	$ (1.10)	$ 26.61	$ 27.87	$ 1,114.64	$ 752.25	$ 288.86	$ 21.24	$ (1.10)	$ 26.61	$ 27.89	$ 1,115.76	$ 1.12	0.1%	10.18	10.19
2	75	19,163	$ 1,141.59	$ 505.51	$ 63.00	$ (3.00)	$ 46.56	$ 44.97	$ 1,798.63	$ 1,153.59	$ 505.51	$ 63.00	$ (3.00)	$ 46.56	$ 45.27	$ 1,810.94	$ 12.31	0.7%	9.39	9.45
3	75	32,850	$ 1,359.09	$ 866.58	$ 63.00	$ (3.00)	$ 79.83	$ 60.65	$ 2,426.15	$ 1,371.09	$ 866.58	$ 63.00	$ (3.00)	$ 79.83	$ 60.96	$ 2,438.46	$ 12.31	0.5%	7.39	7.42
4	75	49,275	$ 1,556.72	$ 1,295.32	$ 63.00	$ (3.00)	$ 119.74	$ 77.74	$ 3,109.51	$ 1,567.90	$ 1,295.32	$ 63.00	$ (3.00)	$ 119.74	$ 78.02	$ 3,120.97	$ 11.46	0.4%	6.31	6.33
5																				
6	500	73,000	$ 4,837.15	$ 1,925.74	$ 141.62	$ (7.30)	$ 177.39	$ 181.40	$ 7,256.00	$ 4,844.45	$ 1,925.74	$ 141.62	$ (7.30)	$ 177.39	$ 181.59	$ 7,263.49	$ 7.49	0.1%	9.94	9.95
7	500	127,750	$ 7,440.05	$ 3,370.05	$ 420.00	$ (20.00)	$ 310.43	$ 295.40	$ 11,815.92	$ 7,520.05	$ 3,370.05	$ 420.00	$ (20.00)	$ 310.43	$ 297.45	$ 11,897.97	$ 82.05	0.7%	9.25	9.31
8	500	219,000	$ 8,890.01	$ 5,777.22	$ 420.00	$ (20.00)	$ 532.17	$ 399.98	$ 15,999.38	$ 8,970.01	$ 5,777.22	$ 420.00	$ (20.00)	$ 532.17	$ 402.04	$ 16,081.44	$ 82.05	0.5%	7.31	7.34
9	500	328,500	$ 10,207.57	$ 8,635.44	$ 420.00	$ (20.00)	$ 798.26	$ 513.88	$ 20,555.15	$ 10,282.07	$ 8,635.44	$ 420.00	$ (20.00)	$ 798.26	$ 515.79	$ 20,631.56	$ 76.41	0.4%	6.26	6.28
10																				
11	2000	292,000	$ 19,258.30	$ 7,702.96	$ 566.48	$ (29.20)	$ 709.56	$ 723.28	$ 28,931.38	$ 19,287.50	$ 7,702.96	$ 566.48	$ (29.20)	$ 709.56	$ 724.03	$ 28,961.33	$ 29.95	0.1%	9.91	9.92
12	2000	511,000	$ 29,669.89	$ 13,480.18	$ 1,680.00	$ (80.00)	$ 1,241.73	$ 1,179.28	$ 47,171.08	$ 29,989.89	$ 13,480.18	$ 1,680.00	$ (80.00)	$ 1,241.73	$ 1,187.48	$ 47,499.28	$ 328.21	0.7%	9.23	9.30
13	2000	876,000	$ 35,469.74	$ 23,108.88	$ 1,680.00	$ (80.00)	$ 2,128.68	$ 1,597.62	$ 63,904.92	$ 35,789.74	$ 23,108.88	$ 1,680.00	$ (80.00)	$ 2,128.68	$ 1,605.83	$ 64,233.13	$ 328.21	0.5%	7.30	7.33
14	2000	1,314,000	$ 40,739.98	$ 34,541.78	$ 1,680.00	$ (80.00)	$ 3,193.02	$ 2,053.20	$ 82,127.97	$ 41,037.98	$ 34,541.78	$ 1,680.00	$ (80.00)	$ 3,193.02	$ 2,060.84	$ 82,433.61	$ 305.64	0.4%	6.25	6.27
15																				
16																				

	PRESENT			PROPOSED		
	GSD	GSDT	GSD OPT.	GSD	GSDT	GSD OPT.
17						
18						
19 CUSTOMER CHARGE	30.10	30.10 $/Bill	30.10 $/Bill	30.10	30.10	30.10 $/Bill
20 DEMAND CHARGE	10.76	- $/KW	- $/KW	10.92	- $/KW	- $/KW
21 BILLING	-	3.44 $/KW	- $/KW	-	3.49 $/KW	- $/KW
22 PEAK	-	7.04 $/KW	- $/KW	-	7.14 $/KW	- $/KW
23 ENERGY CHARGE	1.589	- ¢/KWH	6.585 ¢/KWH	1.589	- ¢/KWH	6.595 ¢/KWH
24 ON-PEAK	-	2.908 ¢/KWH	- ¢/KWH	-	2.908 ¢/KWH	- ¢/KWH
25 OFF-PEAK	-	1.049 ¢/KWH	- ¢/KWH	-	1.049 ¢/KWH	- ¢/KWH
26 FUEL CHARGE	2.638	- ¢/KWH	2.638 ¢/KWH	2.638	- ¢/KWH	2.638 ¢/KWH
27 ON-PEAK		2.766 ¢/KWH	- ¢/KWH		2.766 ¢/KWH	- ¢/KWH
28 OFF-PEAK		2.583 ¢/KWH	- ¢/KWH		2.583 ¢/KWH	- ¢/KWH
29 CONSERVATION CHARGE	0.84	0.84 $/KW	0.194 ¢/KWH	0.84	0.84 $/KW	0.194 ¢/KWH
30 CAPACITY CHARGE	(0.04)	(0.04) $/KW	(0.010) ¢/KWH	(0.04)	(0.04) $/KW	(0.010) ¢/KWH
31 ENVIRONMENTAL CHARGE	0.243	0.243 ¢/KWH	0.243 ¢/KWH	0.243	0.243 ¢/KWH	0.243 ¢/KWH
32						

33 Notes:
34 A. The kWh for each kW group is based on 20, 35, 60, and 90% load factors (LF).
35 B. Charges at 20% LF are based on the GSD Option rate; 35% and 60% LF charges are based on the standard rate; and 90% LF charges are based on the TOD rate.
36 C. All calculations assume meter and service at secondary voltage.
37 D. TOD energy charges assume 25/75 on/off-peak % for 90% LF. Peak demand to billing demand ratios are assumed to be 99% at 90% LF.
38 E. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.
39 F. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.
40 G. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.

Supporting Schedules: E-13c, E-14 Supplement

Recap Schedules:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
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FILED: 07/31/2020

Fourth SoBRA
12CP and 1/13 With 40% Allocation to Lighting
All Demand

July 31, 2020

SCHEDULE A-2 | FULL REVENUE REQUIREMENTS BILL COMPARISON - TYPICAL MONTHLY BILLS | Page 4 of 4

FLORIDA PUBLIC SERVICE COMMISSION | EXPLANATION: For each rate, calculate typical monthly bills for present rates and proposed rates. | Type of data shown: XX Projected Test year Ended 12/31/2021

COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI

IS - INTERRUPTIBLE SERVICE

Line No.	RATE SCHEDULE IS-1 (1) TYPICAL KW	(2) KWH	BILL UNDER PRESENT RATES (3) BASE RATE	(4) CCV CREDIT	(5) FUEL CHARGE	(6) ECCR CHARGE	(7) CAPACITY CHARGE	(8) ECRC CHARGE	(9) GRT CHARGE	(10) TOTAL	BILL UNDER PROPOSED RATES (11) BASE RATE	(12) CCV CREDIT	(13) FUEL CHARGE	(14) ECCR CHARGE	(15) CAPACITY CHARGE	(16) ECRC CHARGE	(17) GRT CHARGE	(18) TOTAL	INCREASE (19) DOLLARS (16)-(9)	(20) PERCENT (17)/(9)	COSTS IN CENTS/KWH (21) PRESENT (9)/(2)*100	(22) FINAL (16)/(2)*100
1	500	127,750	$ 5,784.41	$ (1,772.75)	$ 3,336.83	$ 360.00	$ (20.00)	$ 302.77	$ 205	$ 8,196.16	$ 5,869.41	$ (1,772.75)	$ 3,336.83	$ 360.00	$ (20.00)	$ 298.94	$ 206.98	$ 8,279.41	$ 83	1.0%	6.42	6.48
2	500	219,000	$ 8,077.52	$ (3,039.00)	$ 5,720.28	$ 360.00	$ (20.00)	$ 519.03	$ 298	$ 11,915.72	$ 8,162.52	$ (3,039.00)	$ 5,720.28	$ 360.00	$ (20.00)	$ 512.46	$ 299.90	$ 11,996.16	$ 80	0.7%	5.44	5.48
3	500	328,500	$ 10,829.26	$ (4,558.50)	$ 8,548.39	$ 360.00	$ (20.00)	$ 778.55	$ 409	$ 16,346.35	$ 10,914.26	$ (4,558.50)	$ 8,548.39	$ 360.00	$ (20.00)	$ 768.69	$ 410.59	$ 16,423.42	$ 77	0.5%	4.98	5.00
4																						
5	1,000	255,500	$ 10,944.77	$ (3,545.50)	$ 6,673.66	$ 720.00	$ (40.00)	$ 605.54	$ 394	$ 15,752.27	$ 11,114.77	$ (3,545.50)	$ 6,673.66	$ 720.00	$ (40.00)	$ 597.87	$ 397.97	$ 15,918.76	$ 166	1.1%	6.17	6.23
6	1,000	438,000	$ 15,530.99	$ (6,078.00)	$ 11,440.56	$ 720.00	$ (40.00)	$ 1,038.06	$ 580	$ 23,191.39	$ 15,700.99	$ (6,078.00)	$ 11,440.56	$ 720.00	$ (40.00)	$ 1,024.92	$ 583.81	$ 23,352.28	$ 161	0.7%	5.29	5.33
7	1,000	657,000	$ 21,034.46	$ (9,117.00)	$ 17,096.78	$ 720.00	$ (40.00)	$ 1,557.09	$ 801	$ 32,052.65	$ 21,204.46	$ (9,117.00)	$ 17,096.78	$ 720.00	$ (40.00)	$ 1,537.38	$ 805.17	$ 32,206.79	$ 154	0.5%	4.88	4.90
8																						
9	5,000	1,277,500	$ 52,227.63	$ (17,727.50)	$ 33,368.30	$ 3,600.00	$ (200.00)	$ 3,027.68	$ 1,905	$ 76,201.13	$ 53,077.63	$ (17,727.50)	$ 33,368.30	$ 3,600.00	$ (200.00)	$ 2,989.35	$ 1,925.84	$ 77,033.61	$ 832	1.1%	5.96	6.03
10	5,000	2,190,000	$ 75,158.75	$ (30,390.00)	$ 57,202.80	$ 3,600.00	$ (200.00)	$ 5,190.30	$ 2,835	$ 113,396.77	$ 76,008.75	$ (30,390.00)	$ 57,202.80	$ 3,600.00	$ (200.00)	$ 5,124.60	$ 2,855.03	$ 114,201.18	$ 804	0.7%	5.18	5.21
11	5,000	3,285,000	$ 102,676.10	$ (45,585.00)	$ 85,483.91	$ 3,600.00	$ (200.00)	$ 7,785.45	$ 3,943	$ 157,703.03	$ 103,526.10	$ (45,585.00)	$ 85,483.91	$ 3,600.00	$ (200.00)	$ 7,686.90	$ 3,961.84	$ 158,473.75	$ 771	0.5%	4.80	4.82
12																						

		PRESENT IS	PRESENT IST		PROPOSED IS	PROPOSED IST	
13							
14							
15	CUSTOMER CHARGE	624.05	624.05	$/Bill	624.05	624.05	$/Bill
16	DEMAND CHARGE	3.90	3.90	$/KW	4.07	4.07	$/KW
17	PEAK DEMAND CHARGE	-	-	$/KW	-	-	$/KW
	ENERGY CHARGE	2.513	-	¢/kWH	2.513	-	¢/kWH
18	ON-PEAK ENERGY CHARGE	-	2.513	¢/kWH	-	2.513	¢/kWH
19	OFF-PEAK ENERGY CHARGE	-	2.513	¢/kWH	-	2.513	¢/kWH
20	DELIVERY VOLTAGE CREDIT	-	-	$/KW	-	-	$/KW
21	FUEL CHARGE	2.612	-	¢/kWH	2.612	-	¢/kWH
22	ON-PEAK	-	2.738	¢/kWH	-	2.738	¢/kWH
23	OFF-PEAK	-	2.557	¢/kWH	-	2.557	¢/kWH
24	CONSERVATION CHARGE	0.72	0.72	$/KW	0.72	0.72	$/KW
25	CAPACITY CHARGE	(0.04)	(0.04)	$/KW	(0.04)	(0.04)	$/KW
26	ENVIRONMENTAL CHARGE	0.237	0.237	¢/kWH	0.234	0.234	¢/kWH
27							
28	GSLM-2 CONTRACT CREDIT VALUE	(10.13)	(10.13)	$/kW	(10.13)	(10.13)	$/kW
29							

30 Notes:
31 A. The kWh for each kW group is based on 35, 60, and 90% load factors (LF).
32 B. Charges at 35% and 60% LF are based on standard rates and charges at 90% LF are based on TOD rates. Peak demand to billing demand ratios are assumed to be 99% at 90% LF.
33 C. Calculations assume meter and service at primary voltage and a power factor of 85%.
34 D. TOD energy charges assume 25/75 on/off-peak % for 90% LF.
35 E. CCV credits in columns 5 and 12 are load-factor adjusted and reflect service at primary voltage.
36 F. The present GSLM-2 Contract Credit Value represents the 2019 factor. The proposed GSLM-2 Contract Credit Value for 2019 is the same.
37 G. Present base rates are as of January 01, 2020 reduced by $15 million due to SPPCRC.
38 H. Present and proposed rates include cost recovery clause rates are as of June 01, 2020 excluding Fuel credits that ended September 1 2020.
39 I. Proposed rates include 4th Sobra and True up of 1st and 2nd Sobra.

Supporting Schedules: E-13c, E-14 Supplement | Recap Schedules:

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
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TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ___ (WRA-1)
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DOCUMENT NO. 5

Determination of Fuel Recovery Factor for Fourth SoBRA

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ___ (WRA-1)
WITNESS: ASHBURN
DOCUMENT NO. 5
PAGE 1 OF 1
FILED: 07/31/2020

TAMPA ELECTRIC COMPANY
DETERMINATION OF FUEL RECOVERY FACTOR
ESTIMATED FOR THE PERIOD: JANUARY 2021 THROUGH DECEMBER 2021
REFLECTING FOURTH SoBRA FUEL SAVINGS - $3.712 MILLION

SCHEDULE E1-D

				NET ENERGY FOR LOAD (%)	FUEL COST (%)
			ON PEAK	30.06	$23.79
			OFF PEAK	69.94	$22.08
				100.00	1.0774

			TOTAL	ON PEAK	OFF PEAK
1	Total Fuel & Net Power Trans (Jurisd)		($3,712,000)		
2	MWH Sales (Jurisd)		19,545,089		
2a	Effective MWH Sales (Jurisd)		19,514,116		
3	Cost Per KWH Sold	(line 1 / line 2)	(0.0190)		
4	Jurisdictional Loss Factor		1.00000		
5	Jurisdictional Fuel Factor		na		
6	True-Up				
7	Optimization Mechanism Gain				
8	TOTAL	(line 1 x line 4)	($3,712,000)		
9	Revenue Tax Factor		1.00072		
10	Recovery Factor	(line 8 x line 9) / line 2a / 10	(0.0190)		
11	GPIF Factor				
12	Recovery Factor Including GPIF & OM	(line 10 + line 11)	(0.0190)	(0.0200)	(0.0186)
13	Recovery Factor Rounded to the Nearest .001 cents/KWH		(0.019)	(0.020)	(0.019)

14	Hours: ON PEAK	25.51%
14	OFF PEAK	74.49%
		100.00%

Jurisdictional Sales (MWH)

Metering Voltage:	Meter	Line Loss	Secondary
Distribution Secondary	17,197,572		17,197,572
Distribution Primary	1,597,611	0.99	1,581,635
Transmission	749,907	0.98	734,909
Total	19,545,089		19,514,116

Rate Schedules		Rate Impact of Fourth SoBRA Fuel Savings of $3.712 Million *			2020 Approved Mid-Course Rates **			Rates Including Fourth SoBRA $3.712 Million Fuel Savings ***		
		Standard	On-Peak	Off-Peak	Standard	On-Peak	Off-Peak	Standard	On-Peak	Off-Peak
RSVP, GS, GST, CS, GSD (Opt), GSD, GSDT, SBF, SBFT	Distribution Secondary	(0.019)	(0.020)	(0.019)	2.638	2.766	2.583	2.619	2.746	2.564
GSD (Opt), GSD, GSDT, SBF, SBFT, IS, IST, SBI	Distribution Primary	(0.019)	(0.020)	(0.019)	2.612	2.738	2.557	2.593	2.718	2.538
GSD (Opt), GSD, GSDT, SBF, SBFT, IS, IST, SBI	Transmission	(0.019)	(0.020)	(0.019)	2.585	2.711	2.531	2.566	2.691	2.512
	RS 1st Tier	(0.019)			2.285			2.266		
	RS 2nd Tier	(0.019)			3.285			3.266		
	Lighting	(0.019)			2.614			2.595		

* Calculated above. Includes Fourth SoBRA fuel savings of $3.712 million.
** Approved mid-course rates effective June 1, 2020.
*** Proposed rates reduced by $3.712 million in fuel savings.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ___ (WRA-1)
WITNESS: ASHBURN
DOCUMENT NO. 6

Redlined Tariffs

Reflecting Fourth SoBRA Base Revenue Increase

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

APPLICABLE: 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.
2. 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.
4. 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.

LIMITATION OF SERVICE: 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:

First 1,000 kWh	5.~~181~~225¢ per kWh
All additional kWh	6.~~181~~225¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.031

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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.~~448~~496¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 0.~~168~~169¢ 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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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.~~585~~595¢ 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

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.

DELIVERY VOLTAGE CREDIT: When a customer under the standard rate takes service at primary voltage, a discount of ~~90~~91¢ 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.~~237~~240¢ per kWh will apply. A discount of 0.~~724~~735¢ 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 **DATE EFFECTIVE:** ~~January 1, 2020~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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 ~~71~~72¢ per kW of billing demand for customers taking service under the standard rate and 0.~~179~~182¢/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

DATE EFFECTIVE: ~~January 1, 2020~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
$~~3.90~~4.07 per KW of billing demand

Energy Charge:
2.513¢ per KWH

Continued to Sheet No. 6.086

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

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

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.

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.

DELIVERY VOLTAGE CREDIT: 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.

Continued to Sheet No. 6.087

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2020~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

LIMITATION OF SERVICE: 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.~~448~~496¢ 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.

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.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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.~~371~~594¢ per kWh during peak hours
3.053¢ per kWh during off-peak hours

Continued to Sheet No. 6.321

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

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

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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.~~168~~169¢ 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

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.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage a discount of ~~90~~91¢ 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 ~~71~~72¢ 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.

TECO TAMPA ELECTRIC AN EMERA COMPANY

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.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
$~~3.90~~4.07 per KW of billing demand

Energy Charge:
2.513¢ per KWH

Continued to Sheet No. 6.345

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~TWENTY-NINTH~~THIRTIETH REVISED SHEET NO. 6.350
CANCELS ~~TWENTH~~TWENTY-~~EIGHTH~~ NINTH REVISED SHEET NO. 6.350

Continued from Sheet No. 6.345

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.

DELIVERY VOLTAGE CREDIT: 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.

ISSUED BY: N. G. Tower, President

DATE EFFECTIVE: ~~January 1, 2020~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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.~~495~~539¢ 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.

DETERMINATION OF PRICING PERIODS: 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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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.~~76~~92 per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)

Energy Charge:
1.589¢ per Supplemental kWh

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~NINETEENTH~~ TWENTIETH REVISED SHEET NO. 6.603
CANCELS ~~EIGHTEENTH~~ NINETEENTH REVISED SHEET NO. 6.603

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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of ~~90~~91¢ 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~71~~72¢ 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.

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2020~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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.~~44~~49	per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus
$7.~~04~~14	per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

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

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.607

TERM OF SERVICE: Any customer receiving service under this schedule will be required to give the Company written notice at least 60 months prior to transferring to a 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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of ~~90~~91¢ 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~71~~72¢ 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 **DATE EFFECTIVE:** ~~January 1, 2020~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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.

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

LIMITATION OF SERVICE: 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:

$~~3.90~~4.07 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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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.

METERING VOLTAGE ADJUSTMENT: 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.

DELIVERY VOLTAGE CREDIT: 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: 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.

FUEL CHARGE: 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.

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:** ~~January 1, 2020~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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:

Rate Code			Lamp Size				Charges per Unit ($)			
					kWh				Base Energy[4]	
Dusk to Dawn	Timed Svc.	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.~~56~~57	0.78
805	865	Cobra[1]	28,500	250	105	52	4.87	2.60	2.49	1.23
806	866	Cobra[1]	50,000	400	163	81	5.09	2.99	3.~~86~~87	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.~~86~~87	1.92
809	869	Mongoose[1]	50,000	400	163	81	6.50	3.02	3.~~86~~87	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	1.23
552	538	Shoebox[1]	50,000	400	163	81	9.52	2.44	3.~~86~~87	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.~~369~~373¢ per kWh for each fixture.

Continued to Sheet No. 6.806

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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:

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

[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.~~369~~373¢ per kWh for each fixture.

Continued to Sheet No. 6.808

ISSUED BY: N. G. Tower, President

DATE EFFECTIVE: ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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:

Rate Code		Description	Size		kWh(1)		Charges per Unit ($)			
									Base Energy(4)	
Dusk to Dawn	Timed Svc.		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.~~30~~31	0.64
822	842	Roadway(1)	15,300	196	69	34	14.58	1.26	1.~~63~~64	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
831	851	Flood(1)	22,122	238	83	42	15.90	3.45	1.97	~~0.99~~1.00
832	852	Flood(1)	32,087	359	126	63	19.16	4.10	2.~~98~~99	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.~~72~~73	1.35

(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.~~369~~373¢ per kWh for each fixture.

Continued to Sheet No. 6.810

ISSUED BY: N. G. Tower, President

DATE EFFECTIVE: ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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:

Rate Code			Size				Charges per Unit ($)			
					kWh(1))				Base 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	
921		Roadway/Area	8,500	88	31		8.97	1.74	0.~~73~~37 4	
926	982	Roadway	12,414	105	37	18	6.83	1.19	0.88	0.43
932		Roadway/Area	15,742	133	47		14.15	1.38	1.~~11~~1 2	
935		Area-Lighter	16,113	143	50		11.74	1.41	1.~~18~~1 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		Area-Lighter	29,533	247	86		16.07	2.51	2.04	
947	984	Area-Lighter	33,600	330	116	58	20.13	1.55	2.75	1.~~37~~38
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	0.~~92~~93
958		Mongoose	34,937	333	117		17.84	3.60	2.~~77~~7 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

(1) Average
(2) Average wattage. Actual wattage may vary by up to +/- 10 %.
(3) The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.~~369~~373¢ per kWh for each fixture.
(4) Enhanced Post Top. Customizable decorative options

Continued to Sheet No. 6.810

ISSUED BY: N. G. Tower, President

DATE EFFECTIVE: ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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:

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;
8. 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:
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.~~369~~373¢ 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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.~~369~~373¢ 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 **DATE EFFECTIVE:** ~~January 1, 2021~~

TECO TAMPA ELECTRIC AN EMERA COMPANY

~~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:

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;
8. 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;
10. directional boring;
11. specialized permitting that is incremental to a standard construction permit; and
12. 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.~~369~~373¢ 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

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. ___ (WRA-1)
WITNESS: ASHBURN
DOCUMENT NO. 7

Clean Tariffs

Reflecting Fourth SoBRA Base Revenue Increase

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

RESIDENTIAL SERVICE

SCHEDULE: RS

AVAILABLE: Entire service area.

APPLICABLE: 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.
2. 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.
4. 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.

LIMITATION OF SERVICE: 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:

First 1,000 kWh	5.225¢ per kWh
All additional kWh	6.225¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.031

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

GENERAL SERVICE - NON DEMAND

SCHEDULE: GS

AVAILABLE: Entire service area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
5.496¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 0.169¢ 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

GENERAL SERVICE - DEMAND

SCHEDULE: GSD

AVAILABLE: Entire service area.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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:	
$10.92 per kW of billing demand		$0.00 per kW of billing demand	
Energy Charge:		Energy Charge:	
1.589¢ per kWh		6.595¢ 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

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.

DELIVERY VOLTAGE CREDIT: When a customer under the standard rate takes service at primary voltage, a discount of 91¢ per kW of billing demand will apply. A discount of $2.81 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 0.240¢ per kWh will apply. A discount of 0.735¢ 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 **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

TWELFTH REVISED SHEET NO. 6.082
CANCELS 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 72¢ per kW of billing demand for customers taking service under the standard rate and 0.182¢/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 **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

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

SCHEDULE: IS

AVAILABLE: Entire Service Area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
$4.07 per KW of billing demand

Energy Charge:
2.513¢ per KWH

Continued to Sheet No. 6.086

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

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.

DELIVERY VOLTAGE CREDIT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of $1.14 per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be $1.62 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

CONSTRUCTION SERVICE

SCHEDULE: CS

AVAILABLE: Entire service area.

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

LIMITATION OF SERVICE: 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: 5.496¢ 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.

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

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

SCHEDULE: GST

AVAILABLE: Entire service area.

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
12.594¢ per kWh during peak hours
3.053¢ per kWh during off-peak hours

Continued to Sheet No. 6.321

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.320

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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 0.169¢ 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

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

SCHEDULE: GSDT

AVAILABLE: Entire service area.

APPLICABLE: 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.

LIMITATION OF SERVICE: 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:
$3.49 per kW of billing demand, plus
$7.14 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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage a discount of 91¢ per kW of billing demand will apply. When the customer takes service at subtransmission or higher voltage, a discount of $2.81 per kW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ 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.

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

APPLICABLE: 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.

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

LIMITATION OF SERVICE: 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:
$4.07 per KW of billing demand

Energy Charge:
2.513¢ per KWH

Continued to Sheet No. 6.345

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

THIRTIETH REVISED SHEET NO. 6.350
CANCELS TWENTY-NINTH REVISED SHEET NO. 6.350

Continued from Sheet No. 6.345

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.

DELIVERY VOLTAGE CREDIT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of $1.14 per KW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be $1.62 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.

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.560

MONTHLY RATES:
Basic Service Charge: $15.05

Energy and Demand Charges: 5.539¢ 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.

DETERMINATION OF PRICING PERIODS: 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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.600

CHARGES FOR SUPPLEMENTAL SERVICE:

Demand Charge:
$10.92 per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)

Energy Charge:
1.589¢ per Supplemental kWh

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

TWENTIETH REVISED SHEET NO. 6.603
CANCELS NINETEENTH REVISED SHEET NO. 6.603

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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of 91¢ 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 $2.81 per kW of Supplemental Demand and $1.97 per kW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ 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.

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.605

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

$3.49	per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus
$7.14	per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

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

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

	April 1 - October 31	November 1 - March 31
Peak Hours: (Monday-Friday)	12:00 Noon - 9:00 PM	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.

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

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.607

TERM OF SERVICE: Any customer receiving service under this schedule will be required to give the Company written notice at least 60 months prior to transferring to a 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.

DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of 91¢ 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 $2.81 per kW of Supplemental Demand and $1.97 per kW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

FOURTEENTH REVISED SHEET NO. 6.700
CANCELS 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.

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

LIMITATION OF SERVICE: 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:

$4.07 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

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

ELEVENTH REVISED SHEET NO. 6.715
CANCELS 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.

METERING VOLTAGE ADJUSTMENT: 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.

DELIVERY VOLTAGE CREDIT: When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of $1.14 per KW of Supplemental Demand and 34¢ per KW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be $1.62 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.

FUEL CHARGE: 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.

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.800

MONTHLY RATE:

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

Rate Code			Lamp Size				Charges per Unit ($)			
					kWh				Base Energy[4]	
Dusk to Dawn	Timed Svc.	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	1.57	0.78
805	865	Cobra[1]	28,500	250	105	52	4.87	2.60	2.49	1.23
806	866	Cobra[1]	50,000	400	163	81	5.09	2.99	3.87	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	3.87	1.92
809	869	Mongoose[1]	50,000	400	163	81	6.50	3.02	3.87	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	1.23
552	538	Shoebox[1]	50,000	400	163	81	9.52	2.44	3.87	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 2.373¢ per kWh for each fixture.

Continued to Sheet No. 6.806

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.805

MONTHLY RATE:

Metal Halide Fixture, Maintenance, and Base Energy Charges:

Rate Code			Lamp Size				Charges per Unit ($)			
					kWh				Base Energy[4]	
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	1.64
520	522	Cobra[1]	32,000	400	159	79	6.03	4.01	3.77	1.87
705	725	Flood[1]	29,700	350	138	69	8.55	5.04	3.27	1.64
556	541	Flood[1]	32,000	400	159	79	8.36	4.02	3.77	1.87
558	578	Flood[1]	107,800	1,000	383	191	10.50	8.17	9.09	4.53
701	721	General PT[1]	12,000	150	67	34	10.60	3.92	1.59	0.81
574	548	General PT[1]	14,400	175	74	37	10.89	3.73	1.76	0.88
700	720	Salem PT[1]	12,000	150	67	34	9.33	3.92	1.59	0.81
575	568	Salem PT[1]	14,400	175	74	37	9.38	3.74	1.76	0.88
702	722	Shoebox[1]	12,000	150	67	34	7.22	3.92	1.59	0.81
564	549	Shoebox[1]	12,800	175	74	37	7.95	3.70	1.76	0.88
703	723	Shoebox[1]	29,700	350	138	69	9.55	4.93	3.27	1.64
554	540	Shoebox[1]	32,000	400	159	79	10.02	3.97	3.77	1.87
576	577	Shoebox[1]	107,800	1,000	383	191	16.50	8.17	9.09	4.53

[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 2.373¢ per kWh for each fixture.

Continued to Sheet No. 6.808

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.806

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

Rate Code			Size				Charges per Unit ($)			
					kWh[1]				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	1.31	0.64
822	842	Roadway[1]	15,300	196	69	34	14.58	1.26	1.64	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
831	851	Flood[1]	22,122	238	83	42	15.90	3.45	1.97	1.00
832	852	Flood[1]	32,087	359	126	63	19.16	4.10	2.99	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	2.73	1.35

[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 2.373¢ per kWh for each fixture.

Continued to Sheet No. 6.810

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

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

Continued from Sheet No. 6.808

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

Rate Code			Size				Charges per Unit ($)			
					kWh[1]				Base 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	
921		Roadway/Area	8,500	88	31		8.97	1.74	0.74	
926	982	Roadway	12,414	105	37	18	6.83	1.19	0.88	0.43
932		Roadway/Area	15,742	133	47		14.15	1.38	1.12	
935		Area-Lighter	16,113	143	50		11.74	1.41	1.19	
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		Area-Lighter	29,533	247	86		16.07	2.51	2.04	
947	984	Area-Lighter	33,600	330	116	58	20.13	1.55	2.75	1.38
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	0.93
958		Mongoose	34,937	333	117		17.84	3.60	2.78	
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

[1] Average
[2] Average wattage. Actual wattage may vary by up to +/- 10 %.
[3] The Base Energy charges are calculated by multiplying the kWh times the lighting base energy rate of 2.373¢ per kWh for each fixture.
[4] Enhanced Post Top. Customizable decorative options

Continued to Sheet No. 6.810

ISSUED BY: N. G. Tower, President **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

TENTH REVISED SHEET NO. 6.815
CANCELS 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:

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;
8. 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:
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 2.373¢ 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

TECO TAMPA ELECTRIC AN EMERA COMPANY

THIRD REVISED SHEET NO. 6.830
CANCELS 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 2.373¢ 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 **DATE EFFECTIVE:**

TECO TAMPA ELECTRIC AN EMERA COMPANY

THIRD REVISED SHEET NO. 6.835
CANCELS 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:

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;
8. 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;
10. directional boring;
11. specialized permitting that is incremental to a standard construction permit; and
12. 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, 2.373¢ 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

REDACTED

BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 20200064-EI
IN RE: PETITION BY TAMPA ELECTRIC COMPANY FOR A LIMITED PROCEEDING TO APPROVE FOURTH SOBRA EFFECTIVE JANUARY 1, 2021

PREPARED DIRECT TESTIMONY AND EXHIBIT OF MARK D. WARD

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

PREPARED DIRECT TESTIMONY

OF

MARK D. WARD

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

A. My name is Mark D. Ward. My business address is 702 N. Franklin Street, Tampa, Florida, 33602. I am employed by Tampa Electric Company ("Tampa Electric" or "company") as Director of Renewables.

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

A. I earned a Bachelor of Science in Mechanical Engineering from University of Alabama in Huntsville in 1984. I have over thirty-five years of combined professional experience as a Department of Defense contractor and working for public utilities and independent power producers. Twenty-three years of my experience has been with electric utilities and independent power producers.

I worked for Tampa Electric from 1996 to 2001, where I

served as Manager of Generation Planning and provided management support for the development of Tampa Electric's Bayside Power project. From 2001 to 2007, I served in mid- to senior level management positions at various companies involved in the power industry. These companies included: Entergy Asset Management, an unregulated subsidiary of Entergy; the Shaw Group, an engineering and construction firm; and TXU, a regulated electric utility. From 2007 to 2014, I served as President of the Mesa Power Group. Mesa Power was a renewable energy developer with a primary focus in large scale wind development. From 2014 to 2016, I managed an energy consulting practice with clients primarily in solar, wind and combined heat and power.

I was re-hired by Tampa Electric in December 2016 as Director of Renewables. My responsibilities in this position include management oversight with respect to Tampa Electric's renewable energy strategies and projects. This includes the execution of Tampa Electric's 600 MW of utility scale solar projects described in the 2017 Amended and Restated Stipulation and Settlement Agreement ("2017 Agreement") that was approved by the Commission in Order No. PSC-2017-0456-S-EI, issued in Docket Nos. 20170210-EI and 20160160-EI on November 27,

2017.

Q. Have you previously testified or submitted written testimony before the Florida Public Service Commission ("Commission")?

A. Yes. I submitted direct and rebuttal testimony on behalf of Tampa Electric in Docket No. 19981890-EI (In re: Generic Investigation into Aggregate Electric Utility Reserve Margins Planned for Peninsular Florida). I submitted direct and rebuttal testimony on behalf of Tampa Electric on the prudency of replacement fuel and purchased power costs in Docket No. 19990001-EI (In re: Fuel and Purchased Power Cost Recovery Clause and Generating Performance Incentive Factor). I submitted direct testimony on behalf of Tampa Electric regarding the Gannon Repowering Project in Docket No. 19992014-EI (In re: Petition by Tampa Electric Company to Bring Generating Units into Compliance with Clean Air Act).

In addition, while working for Mesa Power Group, LLC, I submitted direct testimony before the Minnesota Public Utilities Commission on behalf of AWA Goodhue, LLC in MPUC Docket No. IP6701/WS-08-1233 (In the matter of the Application by AWA Goodhue Wind, LLC for a Site Permit

for a Large Wind Energy Conversion System for a 78 MW Wind Project in Goodhue County).

I also served as a member of a panel of witnesses during the November 6, 2017 hearing on the 2017 Agreement, and most recently, I testified before this Commission in Docket No. 20170260-EI, petition for limited proceeding to approve First Solar Base Rate Adjustment ("SoBRA"), effective September 1, 2018, by Tampa Electric Company. I submitted direct testimony in Docket No. 20180133-EI, petition for limited proceeding to approve Second Solar Base Rate Adjustment, effective January 1, 2019, by Tampa Electric Company. I submitted direct testimony in Docket No. 20190136-EI, petition for limited proceeding to approve Third Solar Base Rate Adjustment, effective January 1, 2020, by Tampa Electric Company. I also filed direct testimony in Docket No. 20200144-EI, petition for limited proceeding to True-up First and Second Solar Base Rate Adjustments.

Q. What are the purposes of your prepared direct testimony?

A. The purposes of my prepared direct testimony are to: (1) explain the company's plans to build solar photovoltaic generating facilities to serve its customers; (2)

describe the company's Fourth SoBRA project ("Fourth SoBRA") expected to be in service by January 1, 2021; and (3) demonstrate that the projected installed costs for the Fourth SoBRA project does not exceed the $1,500 per kilowatt alternating current ("kW_{ac}") installed cost cap contained in the 2017 Agreement.

Q. Have you prepared an exhibit to support your prepared direct testimony?

A. Yes. Exhibit No. _____ (MDW-1) was prepared under my direction and supervision. It consists of the following document:

Document No. 1 Durrance Solar Project Specifications and Projected Costs

Q. How does your prepared direct testimony relate to the prepared direct testimony of the company's other two witnesses?

A. My prepared direct testimony describes the project of the Fourth SoBRA, Durrance Solar, for which cost recovery is requested, as well as the projected in-service date and installed cost per kW_{ac}. Tampa Electric's witness Jose A. Aponte uses the projected installed project cost in my

direct testimony to calculate the annual revenue requirement for the Fourth SoBRA. The company's cost of service and rate design witness, William R. Ashburn, uses the annual revenue requirement to develop the proposed customer rates for the Fourth SoBRA.

TAMPA ELECTRIC'S SOLAR PLANS

Q. Please describe the company's overall plan to install solar photovoltaic ("PV") generating facilities.

A. Through 2021, Tampa Electric plans to add six million solar modules in 10 new solar PV projects across its service territory in West Central Florida. This amounts to a total of 600 megawatts ("MW") of cost-effective solar PV energy, which is enough electricity to power more than 100,000 homes. When the projects are complete, about seven percent of Tampa Electric's energy will come from the sun.

These solar additions are a continuation of Tampa Electric's long-standing commitment to clean energy. The company has long believed in the promise of renewable energy because it plays an important role in our energy future. As a member of the Emera family of companies, Tampa Electric is committed to transitioning its power generation to lower carbon emissions with projects that

are cost-effective for customers.

The 600 MW of cost-effective solar PV will be added to the company's generating fleet in four tranches. In May 2018, the company received approval for 144.7 MW of PV solar generation with an in-service date of September 1, 2018. Tampa Electric received approval to place another 260.3 MW in-service as of January 1, 2019 and 149.3 MW in service by January 1, 2020. The balance, approximately 45.7 MW, is expected to be placed in service by January 1, 2021.

The focus of my prepared direct testimony is the company's planned Fourth SoBRA project, totaling 60.1 MW and 45.7 MW for SoBRA cost recovery, with a planned in-service date of January 1, 2021. The maximum allowable MW that may be included for cost recovery as part of the Fourth SoBRA is 50 MW.

FOURTH SOBRA PROJECT

Q. Please describe the Fourth SoBRA project.

A. The Durrance Solar Project ("Durrance Solar") will be included in the Fourth SoBRA. The project uses a single axis tracking system, that is designed to produce the

optimal energy output for the particular site conditions. The 60.1 MW Durrance Solar project is located in Polk County, Florida on approximately 463 acres of land that is a reclaimed phosphate mine, and 45.7 MW of the project is eligible for cost recovery in the Fourth SoBRA.

My exhibit contains project specifications, a general arrangement drawing, and projected installed costs in total and by category for each project.

Q. When does the company expect the Fourth SoBRA project to begin commercial service?

A. Based on the current engineering, permitting, procurement, and construction schedules, the company expects the project to be complete and in service on or before January 1, 2021.

Q. What arrangements has the company made to design and build the Fourth SoBRA project?

A. The Durrance Solar project was designed and will be built using the same general contractual arrangements and processes that were used for the First, Second, and Third SoBRA projects as described in my prepared direct

testimony in Docket Nos. 20170260-EI, 20180133-EI, and 20190136-EI.

The company used a competitive process to review qualifications, experience, safety and cost and to identify and select a full-service solar developer for the Durrance project. Tampa Electric selected Ecoplexus and executed a contract for project development and Engineering, Procurement, and Construction ("EPC') services for the Durrance Solar project. Ecoplexus identified and developed the site and provided a project cost estimate that was competitive to the other SoBRA projects that have been constructed.

Q. Has the company procured the land necessary for the solar projects?

A. Yes. Tampa Electric purchased land for the Durrance project, which is located in Polk County. Tampa Electric continues to employ a screening and due diligence process to select its solar sites that includes geotechnical studies, environmental surveys and wetland delineation. The Durrance site was evaluated and selected after considering environmental assessments, size of the project, proximity to Tampa Electric transmission

facilities, cost of land, and suitability of the site for solar PV construction. The site is approximately 463 acres in size.

The Durrance project is located in Tampa Electric's retail service territory.

Q. What is the status of project design and engineering for the Fourth SoBRA?

A. The engineering and design of the Durrance project is complete, permits were received in March 2020, and construction commenced April 2020. Construction is more than 40 percent complete.

Q. Has the company purchased PV modules necessary to construct the projects?

A. Tampa Electric has purchased First Solar series four modules for Durrance Solar. The modules that will be used for Durrance Solar are part of the bulk purchase from First Solar in 2017. The First Solar module purchase enabled the company to lock in competitive prices while avoiding the module tariff that became effective in 2018.

Q. What other procedures did the company use to ensure that the costs of the projects are reasonable?

A. Tampa Electric also monitors published costs of other projects, particularly those in Florida. A recent NREL report that benchmark's EPC solar costs, "U.S. Solar Photovoltaic System Cost Benchmark: Q1 2018" shows 100 MW utility scale PV systems with single axis tracking as costing on average $1,381 per kW_{ac} excluding land costs. Tampa Electric's Fourth SoBRA EPC cost averages $1,333 per kW_{ac}, excluding land and Allowance for Funds Used During Construction ("AFUDC").

PROJECTED INSTALLED COSTS

Q. What is the projected installed cost for the Fourth SoBRA project?

A. The projected installed cost of the Fourth SoBRA project is $1,500 per $\underline{kW_{ac}}$.

Q. What costs were included in these projections?

A. The projected total installed cost broken down by major category for the 45.7 MW portion of Durrance Solar included in Tampa Electric's Fourth SoBRA is shown on

Document No. 1 of my exhibit.

The projected costs shown in my exhibit reflect the company's best estimate of the cost of the projects; they include the types of costs that traditionally have been allowed in rate base and are eligible for cost recovery via a SoBRA. These costs include: EPC costs; development costs including third party development fees, if any; permitting and land acquisition costs; taxes; utility costs to support or complete development; transmission interconnection cost and modules and equipment costs; costs associated with electrical balance of system, structural balance of system; AFUDC at the weighted average cost of capital from Exhibit B of the 2017 Agreement; and other traditionally allowed rate base costs.

Q. How were the projected cost amounts in your exhibit developed?

A. Tampa Electric worked with the developer to determine the all-in-costs for the Fourth SoBRA and uses an iterative approach to update project costs as site due diligence and engineering and design are conducted. This includes negotiating and executing the module supply agreement,

reviewing equipment specifications and pricing, reviewing the scope of work and balance of system costs, and acquiring land and cost estimates to engineer, permit, and construct the projects.

Q. How did the company calculate the cost of land to be used in the calculation of the project's projected installed cost and comparison to the $1,500 cost per kW_{ac} cap in the 2017 Agreement?

A. The cost of the land for the Durrance Solar site is $126 per kW_{ac} ($5,757 million), or $16,324 per acre. This was calculated using the actual purchase price of the land.

Q. Are the projected installed costs shown in your exhibit eligible for cost recovery via a SoBRA pursuant to the 2017 Agreement?

A. Yes. The SoBRA mechanism in the 2017 Agreement includes a strict cost-effectiveness test, a $1,500 per kW_{ac} installed cost cap to protect customers, and a requirement that the First and Second SoBRA actual costs are less than $1,475 per kW_{ac}. The projected installed costs shown in my exhibit do not exceed the $1,500 per kW_{ac} installed cost cap, so the Fourth SoBRA projects meet the first test

for cost recovery under the 2017 Agreement. Witness Aponte demonstrates that the Durrance project is cost-effective in his prepared direct testimony filed in this docket. Finally, the First and Second SoBRA actual installed costs fall below the $1,475 per kW_{ac} cost cap as demonstrated in Docket No. 20200144-EI. Witness Aponte describes in detail the company's qualification for recovering the costs of the Fourth SoBRA under the 2017 Agreement and the 2020 Settlement Agreement ("2020 Agreement") in his direct testimony.

The actual installed costs will be trued up through the SoBRA mechanism once the developers complete the projects and Tampa Electric closes the work orders.

SUMMARY

Q. Please summarize your prepared direct testimony.

A. Tampa Electric is developing a single axis tracking solar PV project for an in-service date on or before January 1, 2021. The 45.7 MW Durrance Solar site is located in Polk County, Florida. The site is 463 acres in size and will support the respective project. The anticipated cost for the Durrance project is $1,500 per kW_{ac}. The project qualifies for SoBRA cost recovery under the 2017 Agreement

and the 2020 Agreement.

Q. Does this conclude your prepared direct testimony?

A. Yes, it does.

TAMPA ELECTRIC COMPANY
DOCKET NO. 20200064-EI
EXHIBIT NO. _____ (MDW-1)

EXHIBIT

OF

MARK D. WARD

Table of Contents

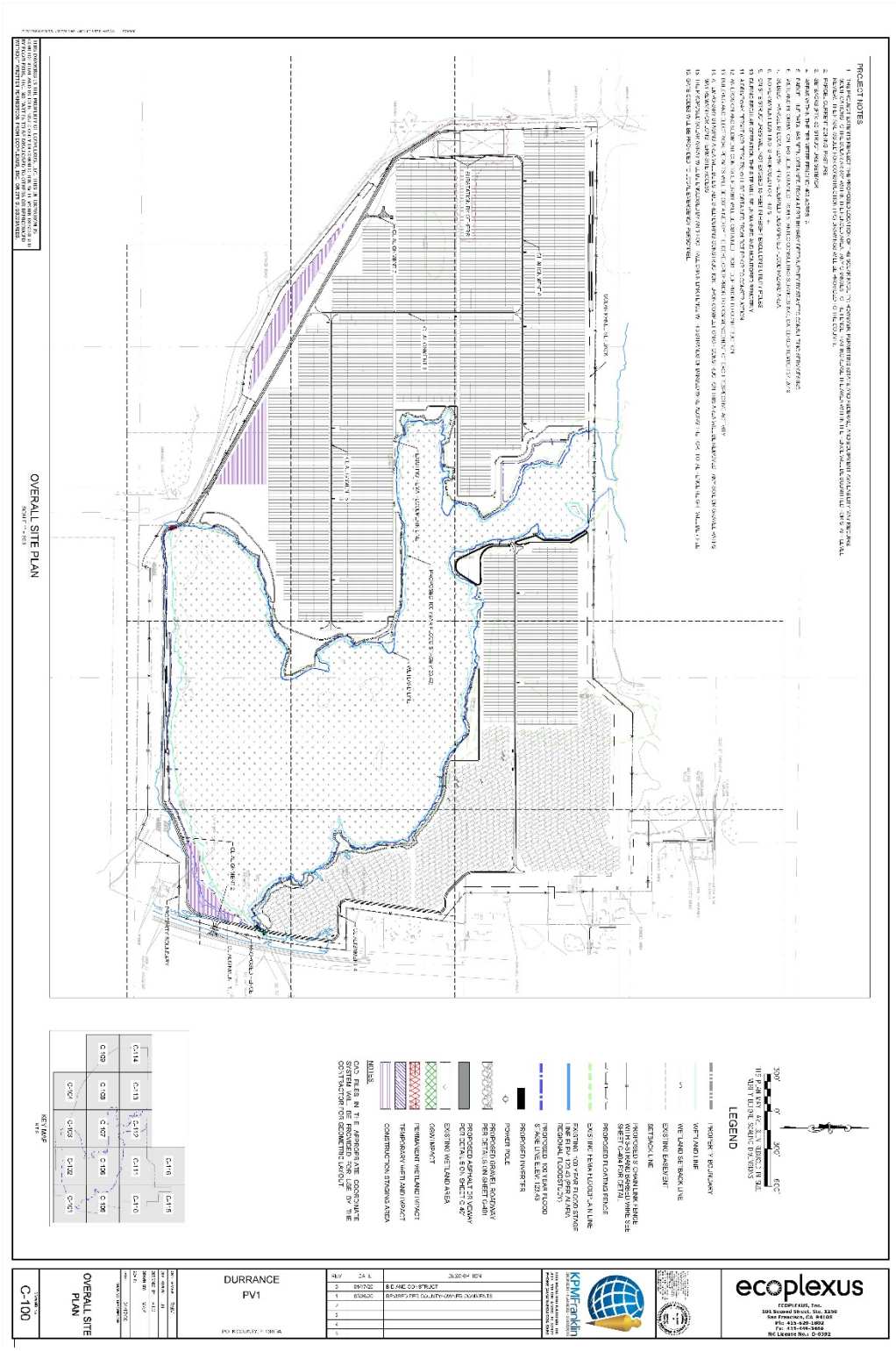
Durrance Solar Project Specifications

Specifications of Proposed Solar PV Generating Facilities		
(1)	Plant Name and Unit Number	Durrance Solar
(2)	Net Capability	45.7 MW
(3)	Technology Type	Single Axis Tracker
(4)	Anticipated Construction Timing	
	A. Field Construction Start Date [1]	April 2020
	B. Commercial In-Service Date	January 1, 2021
(5)	Fuel	
	A. Primary Fuel	Solar
	B. Alternate Fuel	N/A
(6)	Air Pollution Control Strategy	N/A
(7)	Cooling Method	N/A
(8)	Total Site Area	+473 Acres
(9)	Construction Status	Ongoing
(10)	Certification Status	N/A
(11)	Status with Federal Agencies	N/A
(12)	Projected Unit Performance Data	
	Planned Outage Factor (POF)	N/A
	Forced Outage Factor (FOF)	N/A
	Equivalent Availability Factor (EAF)	N/A
	Resulting Capacity Factor (2020)	27.3% (1st Full Yr Operation)
	Average Net Operating Heat Rate (ANOHR)	N/A
(13)	Projected Unit Financial Data	
	Book Life (Years)	30
	Total Installed Cost (In-Service Year $/kW) [2]	1,500.00
	Direct Construction Cost ($/kW)	1,458.68
	AFUDC Amount ($/kW) [3]	41.32
	Escalation ($/kW)	N/A
	Fixed O&M ($/kW-yr)	5.47
	Variable O&M ($/MWh)	0.0
	K-Factor [4]	1.10

1 Construction schedule includes engineering design and permitting
2 Total installed cost includes transmission interconnection
3 Based on the current AFUDC rate of 6.46%
4 W/o land

Durrance Solar

General Arrangement Drawing



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Durrance Solar

Projected Installed Costs ($ Million)	
Project Output (MW_{ac})	45.7
Major Equipment[1]	[redacted]
Balance of System[2]	[redacted]
Development	1.6
Transmission Interconnect	3.0
Land	5.8
Owners Costs	1.0
Total Installed Cost ($ Million)	66.7
AFUDC ($ Million)	1.9
Total All-in-Cost ($ Million)	68.6
Total ($ per kW_{ac})	1,500

[1] Major Equipment includes modules, inverters, and transformers
[2] Balance of System includes racking, posts, collection cables, EPC contractor, and project management
Note: Totals may not sum due to rounding.