AUSLEY & MCMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET
P.O. BOX 391 (ZIP 32302)
TALLAHASSEE, FLORIDA 32301
(850) 224-9115 FAX (850) 222-7560

April 16, 2021

ELECTRONIC FILING

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

Re: Docket 20210034-EI, Petition for Rate Increase by Tampa Electric Company

Dear Mr. Teitzman:

Attached for filing on behalf of Tampa Electric in the above-referenced docket are the **Revised** Minimum Filing Requirements – Schedule E Cost of Service and Rate Design Projected Test Year 2022. The original version of this document was included in the company's initial filing on April 9 as Document 28 of 34 (PSC Document No. 03330-2021). This document was amended only to substitute revised versions of MFR Schedules E-5 and E-8, which were included in the original filing in the following locations:

- Document No. 03330-2021, MFRs Schedule E
  - Schedule E5 is included on Bates numbered page 7
  - Schedule E8 is included on Bates numbered page 17

Included as Attachment 1 is a document that lists the revisions made to MFR Schedules E-5 and E-8. For the Commission's convenience, Tampa Electric will provide paper copies of the Revised MFR Schedule E, as well as electronic copies of Revised MFR Schedule E in Excel format with formulas unlocked, at a later date. Tampa Electric is also filing the revised versions of MFR Schedules E-5 and E-8 in a Revised version of the Direct Testimony and Exhibit of William R. Ashburn.

Sincerely,

Malcolm N. Means

Malcolm N. Means

Enclosure
cc: Richard Gentry, Public Counsel
Jon Moyle, FIPUG

Attachment 1

E Schedules – MFR E-5 and MFR E-8		
Original Bates Page	*New Bates Page*	*Addition/Change*
7	7	MFR E-5 Present rates presentation revised to show IS which is part of present rates and eliminate values for GSLDPR and GSLDSU which are only under proposed rates. Proposed rates presentation revised to show GSLDPR and GSLDSU which part of proposed rates and eliminate values for IS which are only under present rates. Some rounding differences corrected from original MFR E-5.
17	17	MFR E-8 Columns A&B heading corrected to make clear it includes present COS under present revenues, and values included in columns A, B and C are revised to match the Present Rate Structure COS that was inadvertently omitted in original filing. Line 6 revised the rate class title from 'GSD, SBF (c)' to 'GSD (c)'. Line 8 inserted the IS rate class as reflected in the Present Rate Structure COS. The Rate Class Roman numerals were revised for V through VII because the IS rate class was inserted in column IV. Footnote (d) revised for the new IS rate class on line 8. Revised footnote letter (e) and inserted footnote letter (f) for column VII. Minor revisions to the wording for footnote (c) to clarify the proposed GSLDPR and GSLDSU rate classes. New column D added to show proposed revenues to support the proposed revenue requirement increase shown in original column D now reflected in column E. Proposed COS values in new columns H, I and J are revised to match the Proposed Rate Structure COS that was omitted in the original filing.

MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

Studies and Workpapers

Schedule E-1 | COST OF SERVICE STUDIES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

EXPLANATION: Provide under separate cover a cost of service study that allocates production and transmission plant using the average of the twelve monthly coincident peaks and 1/13 weighted average demand (12 CP and 1/13th) method. In addition, if the Company is proposing a different cost allocation method, or if a different method was adopted in its last rate case, provide cost of service studies using these methods as well. All studies filed must be at both present and proposed rates. The cost of service analysis must be done separately for each rate class. If it is not possible to separate the costs of the lighting classes, the lighting classes can be combined.

Each cost study must include a schedule showing total revenues, total expenses, NOI, rate base, rate of return, rate of return index, revenue requirements at an equalized rate of return, revenue excess/deficiency, and revenue requirements index, for each rate class and for the total retail jurisdiction for the test year.

In all cost of service studies filed, the average of the 12 monthly peaks method must be used for the jurisdictional separation of the production and transmission plant and expenses unless the FERC has approved another method in the utility's latest wholesale rate case. The minimum distribution system concept must not be used. The jurisdictional rate base and net operating income in the studies must equal the fully adjusted rate base in Schedule B-6 and the fully adjusted net operating income in Schedule C-4.

Costs and revenues for recovery clauses, franchise fees, and other items not recovered through base rates must be excluded from the cost of service study. Costs for service charges must be allocated consistently with the allocation of the collection of the revenues from these charges. Any other miscellaneous revenues must be allocated consistent with the allocation of the expense associated with the facilities used or services purchased.

If an historic test year is used, the twelve monthly peaks must be the hour of each month having the highest FIRM load, (i.e., exclude the load of non-firm customers in determining the peak hours).

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

DOCKET No. 20210034-EI

Line No.	
1	
2	
3	Information provided under separate cover in two volumes:
4	
5	
6	
7	1) Jurisdictional Separation Study and Cost of Service Study: 12 CP & 1/13th AD; without Minimum Distribution System Employed
8	
9	
10	
11	2) Cost of Service Study: a) 12 CP & 1/13th AD for Steam and Other Production Plant and b) 50% Summer | Winter CP Averages
12	
13	and 50% Daylight Energy for Solar Plant; with Minimum Distribution System Employed
14	
15	Cost of Service Support Workpapers
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	

Supporting Schedules:

Recap Schedules: E-3a, E-3b

Schedule E-2 | EXPLANATION OF VARIATIONS FROM COST OF SERVICE STUDY APPROVED IN COMPANY'S LAST RATE CASE | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCK DOCKET No. 20210034-EI

EXPLANATION: Explain the differences between the cost of service study approved in the company's last rate case and that same study filed as part of Schedule E-1 in this rate case (e.g., classification of plant, allocation factor used for certain plant or expenses, etc.)

Type of Data Shown:

XX Projected Test Year Ended 12/31/2022

Projected Prior Year Ended 12/31/2021

Historical Prior Year Ended 12/31/2020

Witness: L. J. Vogt

Line No.

Tampa Electric Company's (TEC's) last rate case was filed in Docket No. 20130040-EI. The case was based on a 2014 projected test year.

TEC has employed the following changes in its Cost of Service Studies in this proceeding as compared to the above referenced docket:

1. Production Related:

The company has proposed and relied upon a) the 12 CP and 1/13th AD Production Capacity Cost Allocation methodology for steam and other production and b) a 50% Summer | Winter CP Averages and 50% Daylight Energy allocator for Solar generation in its additional Cost of Service Study being presented.

2. Transmission Related:

No additional changes have been incorporated.

3. Distribution Related:

The company has employed a refined Minimum Distribution System approach in the proposed Cost of Service Study, which it has relied upon.

4. Customer Rate Classes:

The company has eliminated the IS Rate Class in its proposed Cost of Service Study and transferred affected customers, as well as certain large GSD customers that are served at higher voltages, to two new GSLD Rate Classes.

2

Supporting Schedules: E-1

Recap Schedules:

Schedule E-3a | COST OF SERVICE STUDY - ALLOCATION OF RATE BASE COMPONENTS TO RATE SCHEDULE | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCK DOCKET No. 20210034-EI

EXPLANATION: For each cost of service study filed, provide the allocation of rate base components as listed below to rate schedules.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

Line No.		
1		
2		
3		
4	INFORMATION PROVIDED IN EACH SEPARATE COST OF SERVICE STUDY ON	
5	OUTPUT REPORTS ENTITLED:	
6		
7		
8		
9		PAGES
10		
11	PLANT IN SERVICE	15 - 17
12		
13	PLANT HELD FOR FUTURE USE	18
14		
15	ACCUMULATED RESERVE FOR DEPRECIATION	19 - 21
16		
17	WORKING CAPITAL	22 - 23
18		
19	CONSTRUCTION WORK IN PROGRESS (CWIP)	24 - 25
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		

3

Supporting Schedules:

Recap Schedules:

Schedule E-3b | COST OF SERVICE STUDY - ALLOCATION OF EXPENSE COMPONENTS TO RATE SCHEDULE | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCK DOCKET No. 20210034-EI

EXPLANATION: For each cost of service study filed, provide the allocation of test year expenses to rate schedules.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

Line No.

INFORMATION PROVIDED IN EACH SEPARATE COST OF SERVICE STUDY ON OUTPUT REPORTS ENTITLED:

	PAGES
OPERATIONS & MAINTENANCE	3 - 5
DEPRECIATION EXPENSE	6 -8
TAXES OTHER THAN INCOME	9 - 10
INCOME TAXES	11 - 14

4

Supporting Schedules:

Recap Schedules:

Schedule E-4a | COST OF SERVICE STUDY - FUNCTIONALIZATION AND CLASSIFICATION OF RATE BASE | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Functionalize and classify test year rate base by primary account (plant balances, accumulated depreciation and CWIP). The account balances in the B Schedules and those used in the cost of service study must be equal.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

Line No.	
1	
2	
3	
4	
5	THIS INFORMATION IS INCLUDED IN THE COST OF SERVICE STUDY SUPPORT
6	WORKPAPERS PROVIDED UNDER SEPARATE COVER IN VOLUME II.
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	

Supporting Schedules:

Recap Schedules:

Schedule E-4b | COST OF SERVICE STUDY - FUNCTIONALIZATION AND CLASSIFICATION OF EXPENSES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Functionalize and classify test year operating expenses by primary account (depreciation expense, operation and maintenance expense, and any other expense items). The balances in the C Schedules and those used in the cost of service study must be equal.

Type of Data Shown:

XX Projected Test Year Ended 12/31/2022

Projected Prior Year Ended 12/31/2021

Historical Prior Year Ended 12/31/2020

Witness: L. J. Vogt

Line No.	
1	
2	
3	
4	THIS INFORMATION IS INCLUDED IN THE COST OF SERVICE STUDY SUPPORT
5	WORKPAPERS PROVIDED UNDER SEPARATE COVER IN VOLUME II.
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	

Supporting Schedules:

Recap Schedules:

SCHEDULE E-5 | SOURCE AND AMOUNT OF REVENUES - AT PRESENT AND PROPOSED RATES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 20210034-EI

EXPLANATION: Provide a schedule by rate class which identifies the source and amount of all revenue included in the Cost of Service Study. The base rate revenue from retail sales of electricity must equal that shown on MFR Schedule E-13a. The revenue from service charges must equal that shown on MFR Schedule E-13b. The total revenue for the retail system must equal that shown on MFR Schedule C-4.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
___Projected Prior Year Ended 12/31/2021
__ Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt/R. A. Ashburn

REVENUES in $000's

Line No.	Source by Account Number	Description of Source	Total Company	Wholesale	Total Retail	RS	GS	GSD	IS	GSLDPR	GSLDSU	Lighting Energy	Lighting Facilities
1													
2		**PRESENT RATES**											
3													
4	440-447	Sales of Electricity	1,167,433	0	1,167,433	666,901	67,302	346,606	30,023	-		2,884	53,717
5													
6	451	Miscellaneous Service Charges	19,290	-	19,290	17,193	1,691	401	-			5	-
7													
8	454	Rent from Electric Property	13,935	62	13,874	8,743	680	4,286	83			82	-
9													
10	456	Other Electric Revenue											
11		Wheeling	7,642	7,642	-	-	-	-	-			-	-
12		Plant Related	1,125	36	1,089	639	55	340	24			2	28
13		Energy Related	413	0	413	203	20	170	18			2	-
14		Unbilled Revenues	(35)	-	(35)	(171)	12	123	-	-	-	-	-
15													
16		Total Present Revenue	$ 1,209,803	$ 7,739	$ 1,202,064	$ 693,508	$ 69,760	$ 351,927	$ 30,149	$ -	$ -	$ 2,976	$ 53,745
17													
18													
19			Total		Total							Lighting	Lighting
20		**PROPOSED RATES**	Company	Wholesale	Retail	RS	GS	GSD	IS	GSLDPR	GSLDSU	Energy	Facilities
21													
22	440-447	Sales of Electricity	1,462,231	0	1,462,231	854,161	84,514	384,267		49,387	26,866	3,984	59,051
23													
24	451	Miscellaneous Service Charges	19,290	-	19,290	17,193	1,691	401		-	-	5	-
25													
26	454	Rent from Electric Property	13,935	62	13,874	8,723	678	3,876		495	20	82	-
27													
28	456	Other Electric Revenue											
29		Wheeling	7,642	7,642	-	-	-	-		-	-	-	-
30		Plant Related	1,125	36	1,089	648	57	298		37	20	2	28
31		Energy Related	413	0	413	203	20	149		23	16	2	-
32		Unbilled Revenues	(44)	-	(44)	(175)	15	148		(23)	(10)	-	-
33													
34		Total Proposed Revenue	$ 1,504,592	$ 7,739	$ 1,496,853	$ 880,753	$ 86,974	$ 389,140	$ -	$ 49,920	$ 26,912	$ 4,075	$ 59,078
35													
36													

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

Recap Schedules:

7

REVISED: 04/16/2021

Schedule E-6a | COST OF SERVICE STUDY - UNIT COSTS, PRESENT RATES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: For each cost of service study filed by the Company, calculate the unit costs for demand, energy and customer for each rate schedule at present and proposed rates, based on the revenue requirements from sales of electricity only, excluding other operating revenues. The demand unit costs must be separated into production, transmission and distribution. Unit costs under present rates must be calculated at both the system and class rates of return. Unit costs must be provided separately for each existing rate class, except for the lighting classes. If the company is proposing to combine two or more classes, it must also provide unit costs for the classes combined. Customer unit costs for the lighting classes must include only customer-related costs, excluding costs for fixtures and poles. The lighting fixtures and poles must be shown on a separate line. Billing units must match Schedule E-13c.

Type of Data Shown:

XX Projected Test Year Ended 12/31/2022

Projected Prior Year Ended 12/31/2021

Historical Prior Year Ended 12/31/2020

Witness: L. J. Vogt

Line No.

The unit cost information is provided in each separate Cost of Service Study on output report Pages 29, 29A & 29B titled "Derivation of Unit Costs":

Output report page 28 is cost at Proposed Rate of Return (ROR)
Output report page 28A is cost at Retail Jurisdictional Rate of Return (ROR)
Output report page 28B is cost at Class Rate of Return (ROR)

The billing data for which the costs are unitized are the same as those stated in MFR Schedule E-13c adjusted for appropriate rate making application as follows:

(1) Those billing units that are stated as measured at primary or subtransmission voltage are adjusted by 1% and 2% respectively to establish those effective billing units at the secondary metering voltage. The secondary metering voltage is the basis for the charges contained in the Company's rate schedules except for the new GSLDPR and GSLDSU sets of rate schedules.

(2) The billing demands of standby service customers have been adjusted to recognize their appropriate rate design. That is, the billing demands associated with the Standby customer's monthly Power Supply Reservation Charge and the daily Power Supply Demand Charge are subject to costs factored by 0.12 and 0.0476 respectively.

Supporting Schedules:

Recap Schedules:

Schedule E-6b | COST OF SERVICE STUDY - UNIT COSTS, PROPOSED RATES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: For each cost of service study filed by the Company, calculate the unit costs for demand, energy and customer for each rate schedule at present and proposed rates, based on the revenue requirements from sales of electricity only, excluding other operating revenues. The demand unit costs must be separated into production, transmission and distribution. Unit costs under present rates must be calculated at both the system and class rates of return. Unit costs must be provided separately for each existing rate class, except for the lighting classes. If the company is proposing to combine two or more classes, it must also provide unit costs for the classes combined. Customer unit costs for the lighting classes must include only customer-related costs, excluding costs for fixtures and poles. The lighting fixtures and poles must be shown on a separate line. Billing units must match Schedule E-13c.

Type of Data Shown:

XX Projected Test Year Ended 12/31/2022

Projected Prior Year Ended 12/31/2021

Historical Prior Year Ended 12/31/2020

Witness: L. J. Vogt

Line No.	
1	
2	
3	
4	
5	See descriotion in MFR-E-6a.
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	
26	
27	
28	
29	
30	
31	
32	
33	
34	
35	
36	
37	
38	
39	
40	
41	

Supporting Schedules:

Recap Schedules:

9

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-13b. At a minimum, the schedule must include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service, and a short narrative describing the tasks performed.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Initial Service Connection

	(1)	(2)		(3)
		Ratio		Total
	Hours	or, $/Hr		$/Unit
Customer Service and Office Labor Expenses	0.85	$28.60		$24.18
Field Labor Expenses	2.29	$41.70		95.66
Payroll and A&G loading factor		72.00%	(1)	86.29
Administrative and Overhead loading factor		33.61%	(2)	40.28
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$246.41
Vehicles (Transportation) Costs	0.54	$10.56		5.70
Total Cost of Providing Service (14)+(16)				$252.11

	(4)	(5)
(1)	Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
(2)	Loading Factor for Energy Delivery's supervisory and administrative overhead.	33.61%

Description of Task Performed:

One Source Customer Engineering Representative (CER) receives request from customer, collects and enters customer information into WorkPro and creates a Work order. CER assigns to appropriate Service Area. Senior Service Area Coordinator (SSAC) reviews work order for assignment to a Design Distribution Technician (DDT). DDT performs inspection and updates WorkPro with information. The work order comes back to CER to process Governmental Release. CER processes government release and sends to SSAC for assignment to set meter. A Service Crew is scheduled and travels to premise to connect service. SSAC assigns an account number and Information is transferred to the Customer Relationship Management System (CRM). SSAC reviews error reports and makes any corrections. SSAC closes field order in the Work Management System.

Supporting Schedules: Recap Schedules: E-13b

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-13b. At a minimum, the schedule must include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service, and a short narrative describing the tasks performed.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Reconnecting Service to Subsequent Subscriber

	(1)	(2)		(3)
		Ratio		Total
	Hours	or, $/Hr		$/Unit
Customer Service and Office Labor Expenses	0.15	$27.65		$4.16
Field Labor Expenses	0.01	$33.25		0.33
Payroll and A&G loading factor		72.00%	(1)	3.23
Administrative and Overhead loading factor		33.61%	(2)	1.51
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$9.23
Vehicles (Transportation) Costs	0.01	$4.04		0.03
Total Cost of Providing Service (14) + (16) + (18)				$9.26

(4)	(5)
(1) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
(2) Loading Factor for Energy Delivery's supervisory and administrative overhead.	33.61%

Description of Task Performed:
Customer Service Professional (CSP) receives new service turn-on request for new Customer. CSP completes request in the Customer Relationship Management System (CRM). Advanced Metering Infrastructure (AMI) reconnects the customer through the automated process for successful reconnects. Failed automated processes are monitored by AMI operations. If the reconnect fails, AMI operations sends a field reconnect request to the Meter operations Dispatcher/Planner (DPA). DPA receives order request and assigns to Meter Field Representative. Meter Field Rep drives to service location, and reconnects customer with remote tool in truck and completes service turn-on. Meter Field Rep completes service order in mobile unit.

Supporting Schedules: Recap Schedules: E-13b

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-13b. At a minimum, the schedule must include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service, and a short narrative describing the tasks performed.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Reconnect After Disconnect at Meter for Cause

	(1)	(2)		(3)
		Ratio		Total
	Hours	or, $/Hr		$/Unit
Customer Service and Office Labor Expenses	0.16	$28.21		$4.49
Field Labor Expenses	0.02	$33.25		0.67
Payroll and A&G loading factor		72.00%	(1)	3.72
Administrative and Overhead loading factor		33.61%	(2)	1.74
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$10.62
Vehicles (Transportation) Costs	0.01	$4.04		0.05
2 Meter seals, disconnect notice, meter boots				1.08
Total Cost of Providing Service (14) + (16) + (18)				$11.75

(4)	(5)
(1) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
(2) Loading Factor for Energy Delivery's supervisory and administrative overhead.	33.61%

Description of Task Performed:

Billing produces a field service disconnect order (SDIS) and the order is routed through the Customer Relationship Manager system (CRM). Advanced Metering Infrastructure (AMI) disconnects the customer through the automated process. If the disconnect fails, AMI operations sends a field disconnect request to the Meter Operations Dispatcher/Planner (DPA). DPA receives order request and assigns to Meter Field Representative. Meter Field Rep drives to service location, and disconnects customer with remote tool in truck and completes service turn-off. Meter Field Rep completes service order in mobile unit. Information is processed and appears in CRM. Customer contacts Call Center and provides payment information to Customer Service Professional (CSP). CSP updates account with payment information and inputs reconnect request in the CRM. CRM generates service order reconnect that is processed through AMI. Advanced Metering Infrastructure (AMI) reconnects the customer through the automated process. Failed automated processes are monitored by AMI operations. If the reconnect fails, AMI operations sends a field reconnect request to the Meter Operations Dispatcher/Planner (DPA). DPA receives order request and assigns to Meter Field Representative. Meter Field Rep drives to service location, and reconnects customer with remote tool in truck and completes service turn-on. Meter Field Rep completes service order in mobile unit.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-13b. At a minimum, the schedule must include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service, and a short narrative describing the tasks performed.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Reconnect After Cut On Pole Disconnect for Cause

	(1)	(2)		(3)
		Ratio		Total
	Hours	or, $/Hr		$/Unit
Customer Service and Office Labor Expenses	0.20	$30.75		$6.15
Field Labor Expenses	1.58	$47.60		75.36
Payroll and A&G loading factor		72.00%	(1)	58.69
Administrative and Overhead loading factor		33.61%	(2)	27.40
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$167.59
Vehicles (Transportation) Costs	1.53	$10.73		16.46
Total Cost of Providing Service (14) + (16)				$184.05

(4)	(5)
(1) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
(2) Loading Factor for Energy Delivery's supervisory and administrative overhead.	33.61%

Description of Task Performed:

Billing system initiates a disconnect order after no payment. Meter Operations (DPA) receives and dispatches order to Meter Field Rep. Meter Field Rep travels to job. Meter Field Rep notices that Customer must be disconnected at pole ("cut-on-pole"/COP) and returns ticket to be worked by System Service. System Service Dispatcher receives and dispatches ticket to Troubleshooter. The Trouble Co-coordinator checks account for payment after 7:30am. Troubleshooter travels to job, calls dispatch to verify that payment has not been made, and gives Customer notice of pending disconnect. Troubleshooter sets up his truck with proper maintenance of traffic, dons his personal protective equipment (PPE), enters the bucket and performs the disconnect. Customer makes payment then calls Customer Service to initiate reconnect order. System Service Dispatcher receives and dispatches ticket to Troubleshooter. Troubleshooter travels to job and gives Customer notice of pending reconnect. Troubleshooter sets up his truck with proper maintenance of traffic, dons his personal protective equipment (PPE), enters the bucket and performs reconnect. Troubleshooter completes the ticket with required information.

Supporting Schedules: Recap Schedules: E-13b

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-13b. At a minimum, the schedule must include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service, and a short narrative describing the tasks performed.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Field Credit Visit

	(1)	(2)		(3)
		Ratio		Total
	Hours	or, $/Hr		$/Unit
Customer Service and Office Labor Expenses	0.02	$32.89		$0.55
Field Labor Expenses	0.38	$33.25		12.75
Payroll and A&G loading factor		72.00%	(1)	9.57
Administrative and Overhead loading factor		33.61%	(2)	4.47
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$27.34
Door Hanger Tag				0.04
Vehicles (Transportation) Costs	0.33	$4.04		1.35
Total Cost of Providing Service (14) + (16) + (18)				$28.73

(4)	(5)
(1) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
(2) Loading Factor for Energy Delivery's supervisory and administrative overhead.	33.61%

Description of Task Performed:

Billing produces field service disconnect order. The Meter Operations Dispatcher/Planner (DPA) assigns order/ticket to the Meter Field Rep. Meter Field Rep reviews disconnect ticket in mobile laptop to determine course of action. Meter Field Rep drives to premise location, interacts with Customer (if present) and documents credit arrangement with Customer to avoid service disconnect. The Customer is provided with a door-hanger that documents the credit arrangement terms. Meter Field Rep completes assigned work order via mobile unit and the information processed appears in the Customer Relationship Management System (CRM)

Supporting Schedules: Recap Schedules: E-13b

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-13b. At a minimum, the schedule must include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service, and a short narrative describing the tasks performed.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Tampering Charge Without Investigation

	(1)	(2)		(3)
		Ratio		Total
	Hours	or, $/Hr		$/Unit
Customer Service and Office Labor Expenses	0.05	$32.89		$1.64
Field Labor Expenses	0.45	$33.25		14.96
Payroll and A&G loading factor		72.00%	(1)	11.96
Administrative and Overhead loading factor		33.61%	(2)	5.58
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$34.14
Vehicles (Transportation) Costs	0.33	$4.04		1.35
Meter Seal, Security Lock				13.6
Total Cost of Providing Service (14) + (16) + (18)				$49.09

(4)	(5)
(1) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
(2) Loading Factor for Energy Delivery's supervisory and administrative overhead.	33.61%

Description of Task Performed:
Meter Operations Dispatch Planning Analyst (DPA) receives request to complete field verification check where service disconnect has occurred and records indicate power status should be off. DPA generates service ticket and assigns to Meter Field Rep. Meter Field Rep reviews order and drives to location. Meter Field Rep completes inspection of meter and meter socket. Meter Field Rep disconnects meter if illegally turned on or tampered. Meter Field Rep installs security locking ring or locking device. Meter Field Rep completes order in mobile unit.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the calculation of the current cost of providing the services listed in Schedule E-13b. At a minimum, the schedule must include an estimate of all labor, transportation, customer accounting and overhead costs incurred in providing the service, and a short narrative describing the tasks performed.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Temporary Service

	(1)	(2)		(3)
		Ratio		Total
	Hours	or, $/Hr		$/Unit
Customer Service and Office Labor Expenses	0.75	$28.60		$21.37
Field Labor Expenses	2.93	$44.73		131.20
Payroll and A&G loading factor		72.00%	(1)	109.85
Administrative and Overhead loading factor		33.61%	(2)	51.28
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$313.70
Vehicles (Transportation) Costs	0.67	$13.03		8.69
Total Cost of Providing Service (14) + (16)				$322.39

(4)	(5)
(1) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
(2) Loading Factor for Energy Delivery's supervisory and administrative overhead.	33.61%

Description of Task Performed:

One Source Customer Engineering Representative (CER) receives request from Customer, collects and enters customer information into WorkPro and creates a Work order. CER assigns to appropriate Service Area. Senior Service Area Coordinator(SSAC) reviews work order for assignment to either engineering or operations. Distribution Design Technician (DDT) travels to premise and stakes location. SSAC updates the Work Management System. DDT travels to premise to approve work after government release is issued. A Service Crew is scheduled and travels to premise to connect service and install meter. SSAC assigns an account number and enters billing information into the Work Management System. Information is transferred to Customer Relationship Management System (CRM) and Corporate Services reviews error reports and makes any corrections. When the temporary service is terminated, the service is removed.

SCHEDULE E-8 Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a schedule which shows the company-proposed increase in revenue by rate schedule and Type of data shown: the present and company-proposed class rates of return under the proposed cost of service study Provide justification for every class not left at the system rate of return. If the increase from service Projected Prior Year Ended 12/31/2008 charges by rate class does not equal that shown on Schedule E-13b or if the increase from sales of electricity does not equal that shown on Schedule E-13a, provide an explanation.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn / L. J. Vogt

Line No.	Rate Class	(A) Present COS Present Revenues ROR (%)	(B) Present COS Present Revenues Index	(C) Present Class Operating Revenue	(D) Proposed Class Operating Revenue	(E) Increase From Serv Charges and From Sales of Electricity	(F) Increase From Unbilled Revenue	(G) Total Revenue Increase	(H) Proposed COS Proposed Revenues ROR (%)	(I) Proposed COS Proposed Revenues Index	(J) Percent Total Revenue Increase
				Dollars in Thousands							
1											
2	I. RS (a)	3.42%	0.88	$ 666,901	$ 854,161	$ 187,260	$ (4)	$ 187,256	6.29%	0.94	28.1%
3											
4	II. GS (b)	4.88%	1.25	$ 67,302	$ 84,514	$ 17,212	$ 3	$ 17,215	7.53%	1.13	25.6%
5											
6	III. GSD (c)	4.06%	1.04	$ 346,606	$ 384,267	$ 37,662	25	$ 37,687	6.94%	1.04	10.9%
7											
8	IV. IS (d)	6.63%	1.70	$ 30,023	$ -	$ (30,023)	-	$ (30,023)	0.00%	-	-100.0%
9											
10	V. GSLDPR (c)	0.00%	-	$ -	$ 49,387	49,387	(23)	$ 49,364	6.70%	1.00	0.0%
11											
12	VI. GSLDSU (c)	0.00%	-	$ -	$ 26,866	$ 26,866	(10)	$ 26,856	6.82%	1.02	0.0%
13											
14	VII. LS-1										
15	a. Energy Service (e)	4.34%	1.11	$ 2,884	$ 3,984	$ 1,100	-	$ 1,100	6.80%	1.02	38.1%
16	b. Facilities (f)	8.04%	2.06	$ 53,717	$ 59,051	$ 5,334	-	$ 5,334	10.18%	1.53	9.9%
17	Total VII.a. + VII. b.	7.78%	2.00	$ 56,601	$ 63,035	$ 6,434	-	$ 6,434	9.88%	1.48	11.4%
18											
19											
20	Total Retail	3.90%	1.00	$ 1,167,433	$ 1,462,231	$ 294,798	$ (9)	$ 294,789	6.68%	1.00	25.3%
21											
22											
23											
24											
25											

26 Justification for any class not left at system Rate of Return:

27 (a) RS class is minimally below the system Rate of Return; setting this class any higher would result in exceeding system revenue requirement.

28 (b) The GS class exceeds the system rate of return due to the rate design practice of setting the GS energy charges equivalent to RS flat rate energy charge.

29 (c) The GSD and new GSLDPR and GSLDSU rate classes are set minimally above the system class rate of return.

30 (d) The IS rate class is included in the present rate structure and removed from the proposed rate structure.

31 (e) The revenue increase for the LS-1 Energy Service Class was set to an increase that was less than 10% above the system Rate of Return.

32 (f) The revenue increase for the LS-1 Facilities Class was limited to an increase that, combined with the Energy Services Class, did not exceed 1.5 times the system average increase.

33

34

35

36

37

38

39

40

41

Supporting Schedules: E-1

Recap Schedules:

17

REVISED: 04/16/2021

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide the load data below by rate schedule. Any other load data used to develop demand allocation factors for cost of service studies submitted must also be provided. The average number of customers and annual MWH should be in agreement with the company's forecast in Schedule E-15.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

Line No.	Rate Class	(1) Sales MWH	(2) Annual MWH Unbilled	(3) Total MWH	(4) Output to Line MWH*	(5) Class NCP KW*	(6) CP Winter KW*	(7) CP Summer KW*	(8) Average 12 CP KW*	(9) Average Demand KW*	(10) 12 CP & 1/13 Weighted Average Demand*	(11) Average Number of Customers
1												
2	RS	9,671,643	-	9,671,643	10,186,747	2,969,689	3,115,958	2,431,528	2,266,667	1,162,871	2,181,759	723,811
3												
4	GS & TS (a)	942,224	-	942,224	992,389	229,162	189,649	226,736	192,950	113,286	186,822	71,310
5												
6	GSD & SBF	7,136,751	-	7,136,751	7,508,812	1,310,836	938,114	1,329,743	1,145,066	857,170	1,122,920	17,013
7												
8	GSLDPR (b)	1,143,563	-	1,143,563	1,174,123	168,989	136,041	148,830	142,493	134,032	141,842	55
9												
10	GSLDSU (b)	773,770	-	773,770	784,982	-	75,972	83,163	79,696	89,610	80,459	14
11												
12	LS	113,534	-	113,534	119,580	29,778	7,266	0	1,504	13,651	2,438	233
13												
14	TOTAL RETAIL	19,781,485	-	19,781,485	20,766,634	4,708,454	4,463,000	4,220,000	3,828,375	2,370,620	3,716,240	812,436
15												
16	WHOLESALE	-	-	-	-	-	-	-	-	-	-	-
17												
18	TOTAL SYSTEM	19,781,485	-	19,781,485	20,766,634	4,708,454	4,463,000	4,220,000	3,828,375	2,370,620	3,716,240	812,436
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37	* At Generation											
38	(a) Includes unmetered GS Customers											
39	(b) Includes IS and SBI. Does not include optional provision energy for third party interruptible sales											
40												

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCK 20210034-EI

EXPLANATION: Provide the load data below by rate schedule. Any other load data used to develop demand allocation factors for cost of service studies submitted must also be provided. The average number of customers and annual MWH should be in agreement with the company's forecast in Schedule E-15.

Type of Data Shown:

XX Projected Test Year Ended 12/31/2022

Projected Prior Year Ended 12/31/2021

Historical Prior Year Ended 12/31/2020

Witness: L. L. Cifuentes/ L. J. Vogt

Line No.	Rate Class	(12) Average Top Ten Summer CP KW*	(13) Average Top Ten Winter CP KW*	(14) Average Daylight Energy MWH*
1				
2	RS	2,348,500	2,494,598	473,053
3				
4	GS & TS (a)	223,808	208,781	49,100
5				
6	GSD & SBF	1,298,543	1,093,819	350,362
7				
8	GSLDPR (b)	210,188	182,040	52,262
9				
10	GSLDSU (b)	132,400	134,600	28,234
11				
12	LS	27,906	28,541	5,203
13				
14	TOTAL RETAIL	4,241,345	4,142,379	958,215
15				
16	WHOLESALE	-	-	-
17				
18	TOTAL SYSTEM	4,241,345	4,142,379	958,215
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37	* At Generation			
38	(a) Includes unmetered GS Customers			
39	(b) Includes IS and SBI. Does not include optional provision energy for third party interruptible sales			
40				

Supporting Schedules:

Recap Schedules:

Schedule E-10 | COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS | Page 1 of 10

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

FACTOR 101: JURISDICTIONAL PRODUCTION CAPACITY - 12 CP

COINCIDENT DEMAND BY CUSTOMER CLASS
Coincident kW at Production Level

Line No.		Jan. 22	Feb. 22	Mar. 22	Apr. 22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov. 22	Dec. 22	Total 12 Month CP	Total 12 Month Avg CP	FACTOR 101 PRODUCTION CAPACITY 12 CP
13	**RETAIL CP**	4,463,000	3,643,000	3,502,000	3,547,000	3,837,000	4,130,000	4,137,000	4,220,000	3,907,000	3,664,000	3,104,000	3,787,000	45,941,000	3,828,417	
14	Adj for Load Management	(131.25)	(122.38)					(123.66)	(123.84)	-	-	-	-	(501)	(42)	
15	Adj for GSLM Curtailment													-	-	
16	Adj Retail 12 CP	4,462,869	3,642,878	3,502,000	3,547,000	3,837,000	4,130,000	4,136,876	4,219,876	3,907,000	3,664,000	3,104,000	3,787,000	45,940,499	3,828,375	100.00%
17																
18																
19	**WHOLESALE SALES***															
20		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	Total Wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00%
22																
23	**TOTAL SYSTEM**	4,462,869	3,642,878	3,502,000	3,547,000	3,837,000	4,130,000	4,136,876	4,219,876	3,907,000	3,664,000	3,104,000	3,787,000	45,940,499	3,828,375	100.00%

*There were no wholesale sales in 2014.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

FACTOR 201: Energy - Output to Line

FACTOR 204: Retail Energy - Output to Line

Line No.	RATEC LASS	ENERGY @ CUST. MTRS MWH*	ENERGY @ SECON VOLTAGE SVC. (MWH)	ENERGY @ PRI VOLTAGE SVC. (MWH)	ENERGY @ SUBTRANS VOLTAGE SVC. (MWH)	OUTPUT TO LINE (MWH)*	FACTOR 201 MWH @ GENERATION	FACTOR 204 MWH @ GENERATION (RETAIL)
10	RS			1.025845	1.012060	1.014489		
11	**- Secondary**	**9,671,643**	**9,671,643**	**9,921,603**	**10,041,255**	**10,186,747**		**49.05%**
12								
13	GS & TS							
14	**- Secondary**	**942,224**	**941,848**	**966,559**	**978,215**	**992,389**		**4.78%**
15								
16	GSD							
17	- Secondary	6,833,914	6,833,914	7,010,534	7,095,079	7,197,883		
18	- Primary Delivered	-	-	-	-	-		
19	- Secondary Total	6,833,914	6,833,914	7,010,534	7,095,079	7,197,883		
20	- Primary							
21	- Primary Metered,Secondary Served	204,508	203,605	204,508	206,974	209,973		
22	- Primary Delivered	96,043	-	96,043	97,201	98,609		
23	- Subtrans Delivered	1,500	-	1,500	1,518	1,540		
24	- Primary Total	302,051	203,605	302,051	305,693	310,123		
25	- Subtrans							
26	- Primary Delivered	787	-	786	795	807		
27	- Subtrans Delivered	-	-	-	-	-		
28	- Subtrans Total	787	-	786	795	807		
29	**GSD - Total**	**7,136,751**	**7,037,519**	**7,313,371**	**7,401,568**	**7,508,812**		**36.16%**
30								
31	GSLDPR							
32	- Primary							
33	- Primary Delivered	**1,143,563**		**1,143,563**	**1,157,354**	**1,174,123**		**5.65%**
34								
35	GSLDSU							
36	- Subtrans (69 kV)							
37	- Subtrans Delivered	**773,770**			**773,770**	**784,982**		**3.78%**
38								
39	LS							
40	**- Secondary**	**113,534**	**113,534**	**116,468**	**117,873**	**119,580**		**0.58%**
41								
42	**TOTAL RETAIL**	**19,781,485**	**17,764,544**	**19,461,564**	**20,470,035**	**20,766,634**	**100.00%**	**100.00%**
43								
44	**WHOLESALE**					**-**	**0.00%**	
45								
46	**TOTAL COMPANY**					**20,766,634**	**100.00%**	
47								
48	*Based on 2022 Forecast.							
49								

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

FACTOR 122: WEIGHTED 12CP & 1/13TH AD

Line No.	RATE CLASS	AVERAGE 12 MONTH CP*	FACTOR 204 ANNUAL ENERGY @ GENERATION*	AVERAGE DEMAND (Energy/8.76)	% AVERAGE 12 CP	% AVERAGE DEMAND (kW)	FACTOR 122 WEIGHTED 12 CP & 1/13th AVG DEMAND
15	RS						
16	**- Secondary**	**2,266,667**	**10,186,747**	**1,162,871**	**59.207%**	**49.053%**	**58.426%**
18	GS & TS						
19	**- Secondary**	**192,950**	**992,389**	**113,286**	**5.040%**	**4.779%**	**5.020%**
21	GSD						
22	- Secondary		7,197,883	821,676			
23	- Primary		310,123	35,402			
	- Subtrans (69 kV)		807	92			
24	**GSD - Total**	**1,145,066**	**7,508,812**	**857,170**	**29.910%**	**36.158%**	**30.391%**
26	GSLDPR						
27	- Primary	**142,493**	**1,174,123**	**134,032**	**3.722%**	**5.654%**	**3.871%**
29	GSLDSU						
30	- Subtrans (69 kV)	**79,696**	**784,982**	**89,610**	**2.082%**	**3.780%**	**2.212%**
32	LS						
33	**- Secondary**	**1,504**	**119,580**	**13,651**	**0.039%**	**0.576%**	**0.081%**
35	**TOTAL**	**3,828,375**	**20,766,634**	**2,370,620**	**100.0%**	**100.0%**	**100.0%**

*Based on 2022 Forecast.

Supporting Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

FACTOR 121: WEIGHTED 10 Highest Summer CP/10 Highest Winter CP/Daylight Energy

Line No.	RATE CLASS	Average Top Ten Summer CP KW*	Average Top Ten Winter CP KW*	Average Daylight Energy MWH*	FACTOR 121 Weighted Sum|Win CPs & Daylight MWH
10	RS	2,348,500	2,494,598	473,053	
12	GS & TS	223,808	208,781	49,100	
14	GSD	1,298,543	1,093,819	350,362	
16	GSLDPR	210,188	182,040	52,262	
18	GSLDSU	132,400	134,600	28,234	
20	LS	27,906	28,541	5,203	
22	**TOTAL RETAIL**	**4,241,345**	**4,142,379**	**958,215**	
25	RS	55.4%	60.2%	49.4%	**53.582%**
27	GS & TS	5.3%	5.0%	5.1%	**5.141%**
29	GSD	30.6%	26.4%	36.6%	**32.537%**
31	GSLDPR	5.0%	4.4%	5.5%	**5.065%**
33	GSLDSU	3.1%	3.2%	2.9%	**3.066%**
35	LS	0.7%	0.7%	0.5%	**0.608%**
37	**TOTAL RETAIL**	**100.0%**	**100.0%**	**100.0%**	**100.000%**
39	**Weighting Factors**	**25%**	**25%**	**50%**	

*Based on 2022 Forecast.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLA Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

FACTOR 117: DERIVATION OF TRANSMISSION ALLOCATION

COINCIDENT DEMAND BY CUSTOMER CLASS
Coincident kW at Transmission Level

Line No.		Jan. 22	Feb. 22	Mar. 22	Apr. 22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov. 22	Dec. 22	Total 12 Month CP	Total 12 Month Avg CP	FACTOR 117 TRANSMISSION CAPACITY 12 CP
1																
2																
3	**FACTOR 117: DERIVATION OF TRANSMISSION ALLOCATION**															
4																
5	COINCIDENT DEMAND BY CUSTOMER CLASS															
6	Coincident kW at Transmission Level															
7																
8																
9																
10	**RETAIL**															
11																
12	RES - sec	3,115,958	2,380,599	1,919,893	1,947,629	2,207,285	2,424,067	2,329,752	2,431,528	2,243,496	2,069,257	1,593,216	2,537,434	27,200,115	2,266,676	**59.207%**
13																
14	GS - sec	189,649	145,364	188,614	196,398	205,259	219,126	239,771	226,736	206,472	190,850	173,676	133,481	2,315,398	192,950	**5.040%**
15																
16	GSD - sec	937,608	917,203	1,189,847	1,199,977	1,183,104	1,247,390	1,337,272	1,328,978	1,178,731	1,183,808	1,097,674	931,637	13,733,230	1,144,436	
17	GSD - pri	345	348	436	474	487	500	512	520	492	482	463	348	5,406	451	
18	GSD - 69kv	161.790	163	204	222	229	235	240	244	231	226	217	164	2,538	211	
19	GSD - total	938,114	917,714	1,190,487	1,200,673	1,183,820	1,248,125	1,338,024	1,329,743	1,179,454	1,184,515	1,098,355	932,149	13,741,173	1,145,098	**29.910%**
20																
21																
22	GSLDPR	136,041	123,028	130,151	129,704	154,323	153,109	147,189	148,830	178,029	140,668	153,030	115,814	1,709,915	142,493	**3.722%**
23																
24	GSLDSU	75,972	68,846	72,854	72,596	86,313	85,573	82,264	83,163	99,548	78,710	85,724	64,789	956,351	79,696	**2.082%**
25																
26	LS - sec	7,266	7,448	0	0	0	0	0	0	0	0	0	3,333	18,046	1,504	**0.039%**
27																
28	**TOTAL RETAIL CP**	**4,463,000**	**3,643,000**	**3,502,000**	**3,547,000**	**3,837,000**	**4,130,000**	**4,137,000**	**4,220,000**	**3,907,000**	**3,664,000**	**3,104,000**	**3,787,000**	**45,940,999**	**3,828,417**	**100.000%**
29																
30															3,828,417	92.576%
31	**WHOLESALE***															
32	SEPARATED SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	**Juris Separation**
33	FIRM WHEELING	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	3,684,000	307,000	
34	TOTAL WHOLESALE	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	307,000	3,684,000	307,000	7.424%
35																
36																
37	**TOTAL SYSTEM**	4,770,000	3,950,000	3,809,000	3,854,000	4,144,000	4,437,000	4,444,000	4,527,000	4,214,000	3,971,000	3,411,000	4,094,000	49,624,999	4,135,417	100.00%
38																
39	*Wholesale Sales expanded from Sales to Output to Line, numbers may not foot due to rounding.															
40																
41																
42																
43																
44																
45																
46																
47																
48																
49																

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATIOI Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

FACTOR 105: DISTRIBUTION PRIMARY - NCP

The factor is the non-coincident peak (NCP) for each rate class at the primary served voltage.
Expansion factors & backdown factors are based on the 2020 Distribution Loss Study.

Line No.	RATE CLASS	NCP @ CUST. MTRS MW*	NCP @ SECONDARY VOLTAGE (MW)	**FACTOR 105** NCP @ PRIMARY VOLTAGE
9	RS			
10	Expansion Factor			1.02708
11	**- Secondary**	**2,891.4**	**2,891.4**	**2,969.7**
12				
13	GS & TS			
14	Expansion Factor			1.02795
15	**- Secondary**	**222.9**	**222.9**	**229.2**
16				
17	GSD			
18	Expansion Factor			1.02772
19	- Secondary	1,275.0	1,275.0	1,310.3
20	- Primary	0.5	-	0.5
21	**GSD - Total**	**1,275.5**	**1,275.0**	**1,310.8**
22				
23				
24				
25	GSLDPR			
26	**- Primary**	**169.0**	**-**	**169.0**
27				
28	GSLDSU	146.6	-	-
29				
30	LS			
31	Expansion Factor			1.03935
32	**- Secondary**	**28.7**	**28.7**	**29.8**
33				
34	**TOTAL**	**4,734.0**	**4,418.0**	**4,708.5**

*Based on 2022 Forecast.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

FACTOR 106: CUSTOMER MAX DEMANDS @ SECONDARY

The factor provides the customer max demands @ secondary voltage levels for each rate class.

Line No.	RATE CLASS	ENERGY SALES @ DISTRI SEC SYSTEM (MWH)	INDIV. CUST MAX DEMAND LOAD FACTORS	FACTOR 106 INDIVIDUAL CUST MAX (kW)
11	RS			
12	**- Secondary**	**9,671,643**	**0.2149**	**5,136,735**
14	GS & TS			
15	**- Secondary**	**941,848**	**0.2549**	**421,736**
17	GSD			
18	- Secondary	6,833,914		
19	- Primary Delivered			
20	- Primary Metered,Secondary Served	203,605		
22	**GSD - Total**	**7,037,519**	**0.5160**	**1,557,053**
24	GSLDPR	-		
26	GSLDSU	-		
28	LS			
29	**- Secondary**	**113,534**	**0.4730**	**27,398**
33	**TOTAL**	**17,764,544**	**n/a**	**7,142,923**

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

METER INVESTMENT ASSIGNMENT - FACTOR 308

METER READING EXPENSE - FACTOR 311

Meters and the Distribution Customer cost function are allocated based on customer weighted meter costs. The cost per meter is based on 2020 installed costs.

Line No.		Number of Customers	INSTALLED $/MTR	FACTOR 308 Meter Investment		METER READING $/MTR	FACTOR 311 Meter Reading	
12	**RS**	723,811	$ 173.52	**$ 125,595,474**	**80.497%**	$ 5.38	**$ 46,689,849**	**87.740%**
14	**GS**	71,213	$ 229.76	**$ 16,361,828**	**10.487%**	$ 5.89	**$ 5,034,778**	**9.461%**
16	**GSD**	17,013	$ 591.92	**$ 10,070,401**	**6.454%**	$ 7.10	**$ 1,448,787**	**2.723%**
18	**GSLDPR**	55	$ 30,730.51	**$ 1,690,178**	**1.083%**	$ 24.60	**$ 16,238**	**0.031%**
20	**GSLDSU**	14	$ 135,727.32	**$ 1,900,182**	**1.218%**	$ 38.77	**$ 6,513**	**0.012%**
22	**LS**	233	$ 1,750.16	**$ 407,788**	**0.261%**	$ 6.35	**$ 17,749**	**0.033%**
24	**JURIS**	812,339		**$ 156,025,852**			**$ 53,213,913**	

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

ANNUAL NUMBER OF BILLS - FACTOR 412

This factor is derived based on the number of average bills by customer class.

DISTRIBUTION PRIMARY - CUSTOMER COMPONENT - FACTOR 418

This allocator is used primarily for a the customer component of distribution primary investment and expenses, when the minimum distribution system (MDS) is employed.

DISTRIBUTION SECONDARY - CUSTOMER COMPONENT - FACTOR 420

This allocator is used primarily for a the customer component of distribution secondary investment and expenses, when the minimum distribution system (MDS) is employed.

AVERAGE NUMBER OF CUSTOMERS

Line No.			JURIS	RS	GS	GSD	GSLDPR	GSLDSU	LS
16	**Factor 412 - Annual Number of Bills**								
17	Total Avg Customers (excl. Unmetered)		812,339	723,811	71,213	17,013	55	14	233
18	Add Unmetered Customers		-						
19	Revised Customers		812,339	723,811	71,213	17,013	55		233
20	times 12 months		12	12	12	12	12		12
21	Annual Number of Bills	**Factor 412**	9,748,068	8,685,732	854,556	204,156	660		2,796
26	**Factor 418 - Distribution Primary - Customer Component**								
27	Total Avg Customers (excl Unmetered)		812,339	723,811	71,213	17,013	55	14	233
28	Remove Customers served at Subtrans		(18)			(4)		(14)	
29	Add Unmetered Customers		-		-				
30	Distribution Primary - Customer Component	**Factor 418**	812,321	723,811	71,213	17,009	55		233
35	**Factor 420 - Distribution Secondary - Customer Component**								
36	Distribution Primary - Customer Component (Factor 418 above)		812,321	723,811	71,213	17,009	55		233
37	Remove Customers served at Primary		(213)		(24)	(113)	(55)		(21)
38	Distribution Secondary - Customer Component	**Factor 420**	812,108	723,811	71,189	16,896	-		212

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Derive each allocation factor used in the cost of service studies. Provide supporting data and any work papers used in deriving the allocation factors, and a brief narrative description of the development of each allocation factor.

Type of Data Shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. J. Vogt

Line No.	
1	**FACTOR 309: INTERRUPTIBLE EQUIPMENT - DIRECT ALLOCATION**
2	This is a 100% direct assignment to the IS customer class for specialized equipment installed on their behalf to allow for "interruptibility".
3	In the proposed model, IS is included in the GSLD rate classes.
4	
5	**FACTOR 310: STREET LIGHTING - DIRECT ALLOCATION**
6	This is a 100% direct assignment to the SL/OL customer class for specialized equipment installed on their behalf.
7	
8	**FACTOR 401, 402 & 403 - DEMAND BILLING DETERMINANTS**
9	Factor 401 is the production & transmission billing determinant; 402 is the distribution primary and 403 is the distribution secondary
10	billing demands for GSD and IS. This factor is used in the the unit cost calculation. The RS, GS and LS classes do not have demand meters.
11	In the proposed model, IS is included in the GSLD rate classes.
12	
13	**FACTOR 404, 405 & 406 - ENERGY BILLING DETERMINANTS**
14	This factor is based on the projected MWh sales for all classes and is used for the unit cost calculation.
15	In the proposed model, IS is included in the GSLD rate classes.
16	
17	**FACTOR 501 & 507- REVENUE FROM SALES**
18	The revenue classification is determined based on the total revenue required from sales. Factor 507 is retail portion only.
19	In the proposed model, IS is included in the GSLD rate classes.
20	
21	**FACTOR 508 - UNBILLED SALES REVENUE**
22	This factor is based on estimated unbilled revenues per rate class.The factor excludes the IS class.
23	
24	**FACTOR 817 - TRANSMISSION 12 CP - (RETAIL ONLY)**
25	This factor is based on the original factor 117. The factor excludes wholesale sales.
26	
27	**INTERNALLY DEVELOPED ALLOCATION FACTORS**
28	
29	**FACTOR 607 PTD O&M Exp - Distri Customer**
30	This factor is developed based on distribution O&M expense and is applied to the Distribution Cust portion of A&G expenses.
31	
32	**FACTOR 907 PTD Plant - Distri Customer**
33	This factor is developed based on distribution plant investment. It is the primary allocator for Distribution Customer expenses.
34	
35	
36	
37	
38	
39	
40	
41	
42	
43	
44	
45	
46	
47	
48	
49	

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

Development of Class Demands at the Meter:

The collected sample data is processed and analyzed using the Itron's Load Research System (LRS); analysis is performed using the combined ratio analysis and mean-per-unit modules on a calendar month basis to produce statistics at the class, stratum and customer levels. The RS, GS and GSD secondary below 500kW classes are expanded to the population level using combined ratio analysis. Since the 100% sampled classes do not require statistical expansion, the results for these classes are tabulated by stratum using the mean-per-unit module.

Development of Projected Demands at the Meter:

Using class level load research data (described in prior step) collected during the period January 2012 to December 2019, estimates were made of class total demands for each hour in the projected test-year. ITRON's MetrixND and MetrixLT load forecasting tools are used to model hourly load profiles for each rate class. For each rate class, the following models are developed:

1) a daily energy neural network model which estimates a daily energy profile for a future calendar year
2) a daily peak demand neural network model which estimates daily peak demands for a future calendar year
3) 24 hourly regression models which estimate an hourly load profile for a future calendar year

An integrated modeling approach is used, beginning with the estimation of a daily energy neural network model which is based on daily energy from historical load research data, weather and calendar explanatory variables. The resulting daily energy estimates are then used as an explanatory variable, along with historical daily peak demands, weather and calendar variables, to estimate a daily peak demand neural network model. The results of both the daily energy and daily peak demand neural network models are used as explanatory variables in the 24 hourly regression models, a single model for each hour of the day. Weather and calendar variables are also explanatory variables in the 24 hourly regression models. The final step is to calibrate the resulting hourly load profiles to match the monthly demand and energy projections used in Tampa Electric's annual business planning process. From these load profiles the class energy, coincident peaks and non-coincident peaks can be analyzed.

Since the ability to accurately forecast energy demand is very dependent on weather conditions during the projection period, and since it is almost impossible to accurately project long-term hourly temperatures, a normal weather approach is used. Normalized hourly temperature profiles, which are based on historical temperatures, are used in the neural network and regression models.

Expansion of Projected Demands from the Meter Level to the Generator Level:

The primary step in determining class loads at the generator level is to determine and assign losses to each of the classes. Periodically, Tampa Electric engineering personnel conduct loss studies to quantify energy and demand losses on our transmission and distribution system by the major components of the system. Demand losses are computed at various load levels, from 100% of the system peak load down to 25% of the peak load.

To apply the loss study results to load research estimates, the losses in the system components are sub-totaled by three categories to correspond to customer service voltages: transmission, primary and secondary. Using regression analysis, quadratic equations were then fitted to these sub-totaled losses relating them to the total system load level; these equations are used for interpolating and extrapolating loss amounts for the system loads that actually occur.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

JANUARY 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02652	1.01926	1.03016
BACKDOWN FACTOR		0.98220	0.99510		
RESIDENTIAL					
SECONDARY	2,890.9	2,890.9	2,967.6	3,024.7	3,116.0
GS & TS					
SEM/SES (TC 0,A)	175.8	175.8	180.5	184.0	189.5
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	176.0	175.9	180.6	184.1	189.6
GSD					
SEM/SES (TC 0,A)	850.2	850.2	872.7	889.5	916.4
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.2	19.9	20.2	20.6	21.2
PRM/PRS (TC 5,E)	0.2		0.2	0.2	0.3
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	870.9	870.1	893.4	910.7	938.1
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	129.6		129.6	132.1	136.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	73.7			73.7	76.0
SUBTOTAL	203.3	0.0	129.6	205.8	212.0
SL/OL					
SECONDARY	6.7	6.7	6.9	7.1	7.3
TOTAL					
SEM/SES (TC 0,A)	3,923.7	3,923.7	4,027.7	4,105.3	4,229.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.3	19.9	20.3	20.7	21.3
PRM/PRS (TC 5,E)	129.9	0.0	129.9	132.4	136.4
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	73.7	0.0	0.0	73.7	76.0
TOTAL	4,147.8	3,943.6	4,178.1	4,332.4	4,463.0
RETAIL LOSSES		104.1	80.5	130.6	315.2

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

FEBRUARY 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02817	1.01717	1.02560
BACKDOWN FACTOR		0.98073	0.99482		
RESIDENTIAL					
SECONDARY	2,219.5	2,219.5	2,282.0	2,321.2	2,380.6
GS & TS					
SEM/SES (TC 0,A)	135.4	135.4	139.3	141.7	145.3
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	135.5	135.5	139.3	141.7	145.4
GSD					
SEM/SES (TC 0,A)	835.1	835.1	858.7	873.4	895.8
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.6	20.2	20.6	20.9	21.4
PRM/PRS (TC 5,E)	0.2		0.2	0.3	0.3
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	856.2	855.3	879.7	894.8	917.7
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	117.9		117.9	120.0	123.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	67.1			67.1	68.8
SUBTOTAL	185.1	0.0	117.9	187.1	191.9
SL/OL					
SECONDARY	6.9	6.9	7.1	7.3	7.4
TOTAL					
SEM/SES (TC 0,A)	3,197.0	3,197.0	3,287.1	3,343.5	3,429.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.6	20.2	20.6	20.9	21.5
PRM/PRS (TC 5,E)	118.2	0.0	118.2	120.3	123.3
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	67.1	0.0	0.0	67.1	68.8
TOTAL	3,403.2	3,217.2	3,426.1	3,552.1	3,643.0
RETAIL LOSSES		90.0	58.8	90.9	239.8

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

MARCH 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02871	1.01687	1.02483
BACKDOWN FACTOR		0.98032	0.99475		
RESIDENTIAL					
SECONDARY	1,790.9	1,790.9	1,842.3	1,873.4	1,919.9
GS & TS					
SEM/SES (TC 0,A)	175.8	175.8	180.9	183.9	188.5
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	175.9	175.9	181.0	184.0	188.6
GSD					
SEM/SES (TC 0,A)	1,084.9	1,084.9	1,116.0	1,134.8	1,163.0
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	25.8	25.2	25.8	26.2	26.8
PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,111.2	1,110.1	1,142.4	1,161.6	1,190.5
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	124.9		124.9	127.0	130.2
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	71.1			71.1	72.9
SUBTOTAL	196.0	0.0	124.9	198.1	203.0
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,051.6	3,051.6	3,139.2	3,192.1	3,271.4
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	25.8	25.3	25.8	26.2	26.9
PRM/PRS (TC 5,E)	125.3	0.0	125.3	127.4	130.5
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	71.1	0.0	0.0	71.1	72.9
TOTAL	3,274.0	3,076.9	3,290.6	3,417.1	3,502.0
RETAIL LOSSES		87.6	55.5	84.9	228.0

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

APRIL 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02859	1.01697	1.02508
BACKDOWN FACTOR		0.98044	0.99477		
RESIDENTIAL					
SECONDARY	1,816.4	1,816.4	1,868.3	1,900.0	1,947.6
GS & TS					
SEM/SES (TC 0,A)	183.1	183.1	188.3	191.5	196.3
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	183.2	183.1	188.4	191.6	196.4
GSD					
SEM/SES (TC 0,A)	1,091.9	1,091.9	1,123.1	1,142.1	1,170.8
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	28.0	27.5	28.0	28.5	29.2
PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.4
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,120.5	1,119.3	1,151.8	1,171.3	1,200.7
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	124.4		124.4	126.5	129.7
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	70.8			70.8	72.6
SUBTOTAL	195.2	0.0	124.4	197.4	202.3
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,091.3	3,091.3	3,179.7	3,233.6	3,314.7
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	28.1	27.5	28.1	28.5	29.2
PRM/PRS (TC 5,E)	124.8	0.0	124.8	126.9	130.1
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	70.8	0.0	0.0	70.8	72.6
TOTAL	3,315.3	3,118.8	3,332.9	3,460.2	3,547.0
RETAIL LOSSES		88.4	56.5	86.8	231.7

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

MAY 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02813	1.01771	1.02667
BACKDOWN FACTOR		0.98091	0.99487		
RESIDENTIAL					
SECONDARY	2,054.7	2,054.7	2,112.5	2,150.0	2,207.3
GS & TS					
SEM/SES (TC 0,A)	191.0	191.0	196.3	199.8	205.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	191.1	191.0	196.4	199.9	205.3
GSD					
SEM/SES (TC 0,A)	1,073.4	1,073.4	1,103.6	1,123.2	1,153.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	28.7	28.2	28.7	29.2	30.0
PRM/PRS (TC 5,E)	0.3		0.3	0.4	0.4
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,102.8	1,101.6	1,133.0	1,153.1	1,183.8
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	147.7		147.7	150.3	154.3
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	84.1			84.1	86.3
SUBTOTAL	231.8	0.0	147.7	234.4	240.6
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,319.1	3,319.1	3,412.5	3,472.9	3,565.5
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	28.8	28.2	28.8	29.3	30.1
PRM/PRS (TC 5,E)	148.1	0.0	148.1	150.7	154.8
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	84.1	0.0	0.0	84.1	86.3
TOTAL	3,580.4	3,347.3	3,589.7	3,737.3	3,837.0
RETAIL LOSSES		93.4	63.6	99.7	256.6

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

JUNE 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02743	1.01843	1.02829
BACKDOWN FACTOR		0.98151	0.99498		
RESIDENTIAL					
SECONDARY	2,252.9	2,252.9	2,314.7	2,357.4	2,424.1
GS & TS					
SEM/SES (TC 0,A)	203.5	203.5	209.1	213.0	219.0
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.1	0.0	0.1	0.1	0.1
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	203.7	203.6	209.2	213.1	219.1
GSD					
SEM/SES (TC 0,A)	1,130.7	1,130.7	1,161.7	1,183.1	1,216.6
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	29.4	28.9	29.4	30.0	30.8
PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,160.8	1,159.6	1,191.8	1,213.8	1,248.1
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	146.2		146.2	148.9	153.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	83.2			83.2	85.6
SUBTOTAL	229.4	0.0	146.2	232.1	238.7
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,587.1	3,587.1	3,685.5	3,753.4	3,859.6
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	29.5	28.9	29.5	30.0	30.9
PRM/PRS (TC 5,E)	146.6	0.0	146.6	149.3	153.6
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	83.2	0.0	0.0	83.2	85.6
TOTAL	3,846.8	3,616.0	3,862.0	4,016.4	4,130.0
RETAIL LOSSES		98.4	71.2	113.6	283.2

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

JULY 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02735	1.01844	1.02833
BACKDOWN FACTOR		0.98157	0.99499		
RESIDENTIAL					
SECONDARY	2,165.3	2,165.3	2,224.6	2,265.6	2,329.8
GS & TS					
SEM/SES (TC 0,A)	222.7	222.7	228.8	233.0	239.6
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	222.9	222.8	228.9	233.2	239.8
GSD					
SEM/SES (TC 0,A)	1,213.6	1,213.6	1,246.8	1,269.8	1,305.7
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	30.1	29.6	30.1	30.7	31.5
PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,244.4	1,243.1	1,277.6	1,301.2	1,338.0
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	140.5		140.5	143.1	147.2
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	80.0			80.0	82.3
SUBTOTAL	220.5	0.0	140.5	223.1	229.5
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,601.6	3,601.6	3,700.1	3,768.3	3,875.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	30.2	29.6	30.2	30.7	31.6
PRM/PRS (TC 5,E)	141.0	0.0	141.0	143.6	147.7
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	80.0	0.0	0.0	80.0	82.3
TOTAL	3,853.1	3,631.2	3,871.6	4,023.0	4,137.0
RETAIL LOSSES		98.5	71.4	114.0	283.9

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

AUGUST 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02720	1.01865	1.02879
BACKDOWN FACTOR		0.98171	0.99501		
RESIDENTIAL					
SECONDARY	2,258.8	2,258.8	2,320.2	2,363.5	2,431.5
GS & TS					
SEM/SES (TC 0,A)	210.5	210.5	216.2	220.3	226.6
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	210.6	210.6	216.4	220.4	226.7
GSD					
SEM/SES (TC 0,A)	1,204.7	1,204.7	1,237.5	1,260.6	1,296.9
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	30.6	30.1	30.6	31.2	32.1
PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,236.1	1,234.8	1,268.9	1,292.5	1,329.7
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	142.0		142.0	144.7	148.8
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	80.8			80.8	83.2
SUBTOTAL	222.9	0.0	142.0	225.5	232.0
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,674.0	3,674.0	3,773.9	3,844.3	3,955.0
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	30.7	30.1	30.7	31.2	32.1
PRM/PRS (TC 5,E)	142.5	0.0	142.5	145.1	149.3
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	80.8	0.0	0.0	80.8	83.2
TOTAL	3,928.3	3,704.1	3,947.4	4,101.9	4,220.0
RETAIL LOSSES		99.9	73.6	118.1	291.7

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

SEPTEMBER 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02826	1.01794	1.02705
BACKDOWN FACTOR		0.98086	0.99488		
RESIDENTIAL					
SECONDARY	2,086.9	2,086.9	2,145.9	2,184.4	2,243.5
GS & TS					
SEM/SES (TC 0,A)	192.0	192.0	197.4	200.9	206.4
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	192.1	192.0	197.5	201.0	206.5
GSD					
SEM/SES (TC 0,A)	1,068.2	1,068.2	1,098.4	1,118.1	1,148.4
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	29.0	28.5	29.0	29.5	30.3
PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,098.0	1,096.7	1,128.1	1,148.4	1,179.5
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	170.3		170.3	173.3	178.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	96.9			96.9	99.5
SUBTOTAL	267.2	0.0	170.3	270.3	277.6
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,347.1	3,347.1	3,441.7	3,503.5	3,598.2
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	29.1	28.5	29.1	29.6	30.4
PRM/PRS (TC 5,E)	170.7	0.0	170.7	173.8	178.5
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	96.9	0.0	0.0	96.9	99.5
TOTAL	3,644.2	3,375.6	3,641.8	3,804.1	3,907.0
RETAIL LOSSES		94.6	65.3	102.9	262.8

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

OCTOBER 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02842	1.01726	1.02571
BACKDOWN FACTOR		0.98063	0.99481		
RESIDENTIAL					
SECONDARY	1,928.4	1,928.4	1,983.1	2,017.4	2,069.3
GS & TS					
SEM/SES (TC 0,A)	177.8	177.8	182.8	186.0	190.7
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	177.9	177.8	182.9	186.1	190.9
GSD					
SEM/SES (TC 0,A)	1,075.5	1,075.5	1,106.1	1,125.2	1,154.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	28.4	27.9	28.4	28.9	29.7
PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.4
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,104.7	1,103.4	1,135.2	1,154.8	1,184.5
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	134.8		134.8	137.1	140.7
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	76.7			76.7	78.7
SUBTOTAL	211.6	0.0	134.8	213.9	219.4
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,181.6	3,181.6	3,272.0	3,328.5	3,414.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	28.5	27.9	28.5	29.0	29.7
PRM/PRS (TC 5,E)	135.2	0.0	135.2	137.6	141.1
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	76.7	0.0	0.0	76.7	78.7
TOTAL	3,422.4	3,209.6	3,436.1	3,572.1	3,664.0
RETAIL LOSSES		90.4	59.3	91.9	241.6

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

NOVEMBER 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.03048	1.01612	1.02271
BACKDOWN FACTOR		0.97889	0.99452		
RESIDENTIAL					
SECONDARY	1,487.8	1,487.8	1,533.1	1,557.8	1,593.2
GS & TS					
SEM/SES (TC 0,A)	162.1	162.1	167.0	169.7	173.6
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	162.2	162.1	167.1	169.8	173.7
GSD					
SEM/SES (TC 0,A)	998.4	998.4	1,028.8	1,045.4	1,069.2
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	27.4	26.9	27.4	27.9	28.5
PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,026.5	1,025.3	1,056.9	1,074.0	1,098.4
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	147.3		147.3	149.6	153.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	83.8			83.8	85.7
SUBTOTAL	231.1	0.0	147.3	233.5	238.8
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	2,648.3	2,648.3	2,729.0	2,773.0	2,835.9
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	27.5	26.9	27.5	27.9	28.6
PRM/PRS (TC 5,E)	147.6	0.0	147.6	150.0	153.4
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	83.8	0.0	0.0	83.8	85.7
TOTAL	2,907.6	2,675.2	2,904.5	3,035.1	3,104.0
RETAIL LOSSES		80.7	46.8	68.9	196.4

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

DECEMBER 2022 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

	DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
				(Metered Voltage Level)		
	EXPANSION FACTOR			1.02770	1.01749	1.02639
	BACKDOWN FACTOR		0.98112	0.99488		
	RESIDENTIAL					
	SECONDARY	2,364.2	2,364.2	2,429.7	2,472.2	2,537.4
	GS & TS					
	SEM/SES (TC 0,A)	124.3	124.3	127.7	130.0	133.4
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUBTOTAL	124.4	124.3	127.8	130.0	133.5
	GSD					
	SEM/SES (TC 0,A)	848.0	848.0	871.5	886.8	910.2
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 6,F)	20.6	20.2	20.6	20.9	21.5
	PRM/PRS (TC 5,E)	0.2		0.2	0.3	0.3
	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
	SUM/SUS (TC 3,C)	0.0			0.0	0.0
	SUBTOTAL	869.1	868.2	892.6	908.2	932.1
	GSLD					
	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	110.9		110.9	112.8	115.8
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
	SUM/SUS (TC 3,C)	63.1			63.1	64.8
	SUBTOTAL	174.0	0.0	110.9	176.0	180.6
	SL/OL					
	SECONDARY	3.1	3.1	3.2	3.2	3.3
	TOTAL					
	SEM/SES (TC 0,A)	3,339.6	3,339.6	3,432.2	3,492.2	3,584.3
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 6,F)	20.6	20.2	20.6	21.0	21.5
	PRM/PRS (TC 5,E)	111.2	0.0	111.2	113.1	116.1
	PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
	SUM/SUS (TC 3,C)	63.1	0.0	0.0	63.1	64.8
	TOTAL	3,534.8	3,359.8	3,564.2	3,689.6	3,787.0
	RETAIL LOSSES		92.5	62.3	97.4	252.2

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

RESIDENTIAL SERVICE 2022 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02708	1.01865	1.02862
BACKDOWN FACTOR		0.98172	0.99498		
RESIDENTIAL					
SECONDARY	2,891.4	2,891.4	2,969.7	3,025.1	3,111.7
GS & TS					
SEM/SES (TC 0,A)	154.4	154.4	158.6	161.5	166.2
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	154.4	154.4	158.6	161.6	166.2
GSD					
SEM/SES (TC 0,A)	624.1	624.1	641.0	653.0	671.7
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.8	20.4	20.8	21.2	21.8
PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	645.4	644.5	662.3	674.7	694.0
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	112.0		112.0	114.1	117.4
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	97.2			97.2	100.0
SUBTOTAL	209.2	0.0	112.0	211.3	217.3
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,669.9	3,669.9	3,769.3	3,839.6	3,949.5
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.9	20.5	20.9	21.2	21.9
PRM/PRS (TC 5,E)	112.3	0.0	112.3	114.4	117.7
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	97.2	0.0	0.0	97.2	100.0
TOTAL	3,900.5	3,690.3	3,902.7	4,072.6	4,189.2
RETAIL LOSSES		99.4	72.8	116.6	288.8

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

GENERAL SERVICE 2022 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02795	1.01752	1.02613
BACKDOWN FACTOR		0.98095	0.99485		
RESIDENTIAL					
SECONDARY	2,317.1	2,317.1	2,381.9	2,423.6	2,486.9
GS & TS					
SEM/SES (TC 0,A)	222.9	222.9	229.1	233.1	239.2
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	222.9	222.9	229.2	233.2	239.3
GSD					
SEM/SES (TC 0,A)	755.4	755.4	776.5	790.1	810.8
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.9	20.5	20.9	21.3	21.8
PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	776.8	775.9	797.9	811.9	833.1
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	113.3		113.3	115.3	118.3
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	98.3			98.3	100.9
SUBTOTAL	211.7	0.0	113.3	213.6	219.2
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,295.4	3,295.4	3,387.5	3,446.8	3,536.9
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	20.9	20.5	20.9	21.3	21.9
PRM/PRS (TC 5,E)	113.6	0.0	113.6	115.6	118.6
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	98.3	0.0	0.0	98.3	100.9
TOTAL	3,528.5	3,315.9	3,522.3	3,682.3	3,778.6
RETAIL LOSSES		92.1	61.7	96.2	250.0

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

GENERAL SERVICE DEMAND 2022 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02772	1.01835	1.02781
BACKDOWN FACTOR		0.98129	0.99491		
RESIDENTIAL					
SECONDARY	2,036.2	2,036.2	2,092.7	2,131.1	2,190.3
GS & TS					
SEM/SES (TC 0,A)	215.8	215.8	221.8	225.9	232.2
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	215.9	215.9	221.9	226.0	232.3
GSD					
SEM/SES (TC 0,A)	1,243.8	1,243.8	1,278.3	1,301.8	1,338.0
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	31.7	31.2	31.7	32.3	33.2
PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4
PRM/SUS (TC 8,H)	0.3		0.3	0.3	0.3
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,276.4	1,275.0	1,310.9	1,334.9	1,372.0
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	128.6		128.6	130.9	134.6
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	111.5			111.5	114.6
SUBTOTAL	240.1	0.0	128.6	242.5	249.2
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,495.9	3,495.9	3,592.8	3,658.8	3,760.5
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	31.8	31.2	31.8	32.4	33.3
PRM/PRS (TC 5,E)	129.0	0.0	129.0	131.3	135.0
PRM/SUS (TC 8,H)	0.3	0.0	0.3	0.3	0.3
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	111.5	0.0	0.0	111.5	114.6
TOTAL	3,768.6	3,527.1	3,754.0	3,934.4	4,043.8
RETAIL LOSSES		96.9	68.9	109.4	275.2

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

GENERAL SERVICE LARGE DEMAND 2022 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.03054	1.01685	1.02377
BACKDOWN FACTOR		0.97893	0.99452		
RESIDENTIAL					
SECONDARY	1,840.5	1,840.5	1,896.7	1,928.7	1,974.5
GS & TS					
SEM/SES (TC 0,A)	117.5	117.5	121.1	123.1	126.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	117.5	117.5	121.1	123.2	126.1
GSD					
SEM/SES (TC 0,A)	798.9	798.9	823.3	837.2	857.1
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	19.3	18.9	19.3	19.7	20.1
PRM/PRS (TC 5,E)	0.2		0.2	0.2	0.2
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	818.7	817.8	843.1	857.3	877.7
GSLD					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	169.0		169.0	171.8	175.9
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	146.6			146.6	150.1
SUBTOTAL	315.6	0.0	169.0	318.4	326.0
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	2,756.9	2,756.9	2,841.1	2,889.0	2,957.7
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	19.4	18.9	19.4	19.7	20.1
PRM/PRS (TC 5,E)	169.2	0.0	169.2	172.1	176.2
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	146.6	0.0	0.0	146.6	150.1
TOTAL	3,092.4	2,775.9	3,030.0	3,227.6	3,304.4
RETAIL LOSSES		84.2	51.1	76.7	212.0

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a description of how the coincident and non-coincident demands for the test year were developed. Include an explanation of how the demands at the meter for each class were developed and how they were expanded from the meter level to the generation level. Provide the work papers for the actual calculations. If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH sales is used to derive projected demands, provide justification for the use of the methodology.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes/ L. J. Vogt

STREET/OUTDOOR LIGHT SERVICE 2022 PROJECTED NON-COINCIDENT PEAK

	DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
				(Metered Voltage Level)		
	EXPANSION FACTOR			1.03935	1.01542	1.01673
	BACKDOWN FACTOR		0.97105	0.99311		
	RESIDENTIAL					
	SECONDARY	766.7	766.7	796.8	809.1	822.6
	GS & TS					
	SEM/SES (TC 0,A)	64.5	64.5	67.0	68.1	69.2
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUBTOTAL	64.5	64.5	67.1	68.1	69.2
	GSD					
	SEM/SES (TC 0,A)	598.0	598.0	621.5	631.1	641.6
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 6,F)	14.4	13.9	14.4	14.6	14.8
	PRM/PRS (TC 5,E)	0.2		0.2	0.2	0.2
	PRM/SUS (TC 8,H)	0.1		0.1	0.1	0.1
	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
	SUM/SUS (TC 3,C)	0.0			0.0	0.0
	SUBTOTAL	612.7	611.9	636.2	646.0	656.8
	GSLD					
	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	103.2		103.2	104.8	106.6
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
	SUM/SUS (TC 3,C)	89.6			89.6	91.1
	SUBTOTAL	192.8	0.0	103.2	194.4	197.6
	SL/OL					
	SECONDARY	28.7	28.7	29.8	30.2	30.7
	TOTAL					
	SEM/SES (TC 0,A)	1,457.8	1,457.8	1,515.1	1,538.5	1,564.2
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 6,F)	14.4	14.0	14.4	14.6	14.8
	PRM/PRS (TC 5,E)	103.4	0.0	103.4	105.0	106.8
	PRM/SUS (TC 8,H)	0.1	0.0	0.1	0.1	0.1
	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
	SUM/SUS (TC 3,C)	89.6	0.0	0.0	89.6	91.1
	TOTAL	1,665.3	1,471.7	1,633.1	1,747.8	1,777.1
	RETAIL LOSSES		57.4	25.2	29.2	111.8

Supporting Schedules:

Recap Schedules:

SCHEDULE E-12 | ADJUSTMENT TO TEST YEAR REVENUE | Page 1 of 2

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a schedule showing the calculation of the adjustment by rate class to the test year amount of unbilled revenue for the effect of the proposed rate increase. The calculation of test year unbilled revenue at present rates is provided in Schedule E-5.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: J. S. Chronister/ L. L. Cifuentes/ A. S. Lewis/ L. J.Vogt

DEVELOPMENT OF UNBILLED REVENUE AT PRESENT RATES

Line No.		Rate Class	(1) Billed MWH Sales	(2) Base Revenue $000 - Billed Total	(3) Customer Charge	(4) Billing Cycle Energy and Demand Charge	(5) Calandar MWH Sales	(6) Unbilled MWH Sales	(7) Calender Energy and Demand Charges $000	(8) Unbilled Revenue $000
1								(5 - 1)		(7 - 4)
2										
3										
4	I.	RS	9,671,643	666,901	130,720	536,181	9,669,145	(2,498)	536,012	(169)
5	II.	GS, TS	942,224	67,302	15,509	51,793	942,438	214	51,805	12
6		Total Class I +II	10,613,867	734,203	146,229	587,974	10,611,583	(2,284)	587,817	$ (157)
7										
8										
9										
10										
11	III.	GSD, SBF	8,167,730	346,606	6,407	340,198	8,170,014	2,284	340,319	121
12	IV.	IS,SBI	886,360	30,023	421	29,602	886,360	-	29,602	-
13		Total Class III + IV	9,054,091	376,629	6,828	369,800	9,056,375	2,284	369,922	$ 121
14										
15										
16										
17	V.	Lighting Service								
18		a. Electricity Sales	113,534	2,884	29	2,855	113,534	-	2,855	-
19		b. Facilities	-	53,717	53,717	-	-	-	-	-
20			113,534	56,601	53,746	2,855	113,534	-	2,855	$ -
21										
22										
23		Total	19,781,491	1,167,433	206,803	960,630	19,781,491	0	960,595	(35)
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										

Supporting Schedules: E-5

Recap Schedules:

SCHEDULE E-12 | ADJUSTMENT TO TEST YEAR REVENUE | Page 2 of 2

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a schedule showing the calculation of the adjustment by rate class to the test year amount of unbilled revenue for the effect of the proposed rate increase. The calculation of test year unbilled revenue at present rates is provided in Schedule E-5.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: J. S. Chronister/ L. L. Cifuentes/ A. S. Lewis/ L. J.Vogt

DEVELOPMENT OF UNBILLED REVENUE AT PROPOSED RATES

Line No.		Rate Class	(1) Billed MWH Sales	(2) Base Revenue $000 - Billed Total	(3) Customer Charge	(4) Billing Cycle Energy and Demand Charge	(5) Calandar MWH Sales	(6) Unbilled MWH Sales	(7) Calender Energy and Demand Charges $000	(8) Unbilled Revenue $000	(9) Unbilled Revenue Change $000
1								(5 - 1)		(7 - 4)	(Pg 2 Col 8 - Pg 1 Col 8)
2											
3											
4	I.	RS	9,671,643	854,286	185,119	669,167	9,669,145	(2,498)	668,995	(173)	
5	II.	GS, TS	942,224	84,526	19,362	65,164	942,438	214	65,179	15	
6		Total Class I +II	10,613,867	938,813	204,481	734,332	10,611,583	(2,284)	734,174	$ (158)	(1)
7											
8											
9											
10											
11	III.	GSD	7,110,533	384,270	6,306	377,964	7,112,325	1,792	378,060	95	
12	IV.	GSLDPR	1,237,207	49,387	476	48,911	1,237,519	312	48,923	12	
13	V.	GSLDSU	706,353	26,866	535	26,332	706,531	178	26,338	7	
14		Total Class III + IV	9,054,093	460,524	7,317	453,207	9,056,375	2,282	453,321	114	(7)
15											
16											
17											
18	VI.	Lighting Service									
19		a. Electricity Sales	113,534	3,984	59	3,925	113,534	-	3,925	-	
20		b. Facilities	-	59,051	59,051	-	-	-		-	
21			113,534	63,035	59,110	3,925	113,534	-	3,925	-	-
22											
23											
24		Total	19,781,493	1,462,372	270,908	1,191,464	19,781,491	(2)	1,191,420	$ (44)	(8)
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											

Supporting Schedules: E-5

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

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.

($000)

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2022
Witness: W. R. Ashburn

Line No.	Rate	(1) Base Revenue under Present Rates	(2) Base Revenue under Proposed Rates	(3) Dollars (2) - (1)	(4) Percent (4) / (1)
1	RS, RSVP-1	666,901	854,286	187,385	28.1%
2	GS, GST	65,859	82,787	16,928	25.7%
3	CS	1,385	1,739	354	25.6%
4	GSD,GSDT	285,541	353,385	67,844	23.8%
5	GSD Optional	24,678	30,885	6,207	25.2%
6	GSD,GSDT Transfering to GSLDPR,GSLDTPR	32,075	40,062	7,987	24.9%
7	IS,IST Transfering to GSLDPR,GSLDTPR	6,398	5,685	(713)	-11.1%
8	GSD,GSDT Transfering to GSLDSU,GSLDTSU	0	0	0	0.0%
9	IS,IST Transfering to GSLDSU,GSLDTSU	10,318	10,935	617	6.0%
10	GSD Optional Transfering to GSLDPR	149	214	65	43.4%
11	GSD Optional Transfering to GSLDSU	0	0	0	0.0%
12	SBF,SBFT Transfering to SBLDPR,SBLDTPR	4,007	3,425	(582)	-14.5%
13	SBF,SBFT Transfering to SBLDSU,SBLDTSU	387	695	308	79.7%
14	SBD,SBDT	0	0	0	0.0%
15	SBI Transfering to SBLDPR,SBLDTPR	0	0	0	0.0%
16	SBI Transfering to SBLDSU,SBLDTSU	13240	15237	1,997	15.1%
17	LS-1,LS-2 (Energy Service)	2724	3984	1,261	46.3%
18	LS-1 (Facilities)	53717	59051	5,334	9.9%
19	Total	1,167,379	1,462,371	294,992	25.3%
20					
21					
22					
23	Additional Base Charges		$ 294,992		
24					
25					
26	Summary by Rate Class				
27	RS	666,901	854,286	187,385	
28	GS	67,244	84,526	17,282	
29		734,146	938,813	204,667	27.9%
30					
31	GSD	310,219	384,270	74,051	23.9%
32					
33	GSLDPR	42,629	49,386	6,757	15.9%
34	GSLDSU	23,945	26,866	2,922	12.2%
35		66,574	76,253	9,679	
36					
37	LS Energy	2,724	3,984	1,261	46.3%
38	LS (Facilities)	53,717	59,051	5,334	9.9%
39					
40	TOTAL	1,167,379	1,462,371	294,992	25.3%
41					
42					

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

Recap Schedules:

SCHEDULE E-13b | REVENUES BY RATE SCHEDULE - SERVICE CHARGES (ACCOUNT 451) | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a schedule of revenues from all service charges (initial connection, etc.) under present and proposed rates.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Line No.	Type of Service Charge	(1) Number of Transactions	(2) Present Charge	(3) Proposed Charge	(4) ($000) Revenues at Present Charges	(5) ($000) Revenues at Proposed Charges	(6) ($000) Increase Dollars	(7) Increase Percent
1								
2	Rate Schedule : Service Charges							
3								
4	Initial Service Connection	18,240	$ 75.00	$ 112.00	$ 1,368	$ 2,043	$ 675	49.33%
5								
6	Normal Reconnect Subsequent Subscriber	182,731	$ 28.00	$ 10.00	$ 5,116	$ 1,891	$ (3,226)	-63.05%
7								
8	Saturday Turn ons	2	$ 300.00	$ -	$ 1	$ -	$ -	0.00%
9								
10	Same Day Turn Ons	6,324	$ 75.00	$ -	$ 474	$ -	$ -	0.00%
11								
12	Reconnect after Disconnect at Meter for Cause	97,072	$ 55.00	$ 12.00	$ 5,339	$ 1,165	$ (4,174)	-78.18%
13								
14	Reconnect after Disconnect at Pole for Cause	242	$ 165.00	$ 185.00	$ 40	$ 45	$ 5	12.12%
15								
16	Field Credit Visit	12,731	$ 25.00	$ 25.00	$ 318	$ 318	$ -	0.00%
17								
18	Tampering Charge without Investigation	1,818	$ 55.00	$ 50.00	$ 100	$ 91	$ (9)	-9.09%
19								
20	Return Check Fee	NA	Per FL Statutes	Per FL Statutes	$ 11,898	$ 11,898	$ -	0.00%
21								
22	Late Payment Charge	NA	1.5% or $5.00	1.5% or $5.00	$ 755	$ 755	$ -	0.00%
23			(the greater of)	(the greater of)				
24								
25	Rate Schedule - Temporary Service							
26								
27	Temporary Service	1,574	$ 260.00	$ 320.00	$ 409	$ 504	$ 94	23.08%
28								
29	Miscellaneous	NA	NA	NA	$ 441	$ 441	$ -	0.00%
30								
31	Total Service Charges				$ 26,260	$ 19,150	$ (6,635)	
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules: E-7

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Line No.	Page No.	Rate Schedule
1		
2		
3		
4	Page No.	Rate Schedule
5	2	RS, RSVP-1
6	3	GS, GST
7	4	CS
8	5	GSD,GSDT
9	8	GSD Optional
10	9	GSD, GSDT Transferring to GSLDPR, GSDLTPR
11	12	IS, IST Transferring to GSLDPR,GSLDTPR
12	14	GSD, GSDT Transferring to GSLDSU, GSDLTSU
13	17	IS, IST Transferring to GSLDSU and GSLDTSU
14	19	GSD Optional transfering to GSLDPR
15	20	GSD Optional transferring to GSLDSU
16	21	SBF,SBFT Transferring to SBLDPR,SBLDTPR
17	25	SBF,SBFT Transferring to SBLDSU,SBLDTSU
18	29	SBF,SBFT Transferring to SBD/SBDT
19	33	SBI Transferring to SBLDPR,SBLDTPR
20	35	SBI Transferring to SBLDSU,SBLDTSU
21	37	LS-1,LS-2
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		
37		
38		
39		

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule RS, RSVP-1

Line No.	Type of Charges	Test Year Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard	8,620,542	Bills	$ 15.05	129,739,157	262,208,153	Days	$ 0.70	183,729,763	
4	RSVP-1	65,185	Bills	$ 15.05	981,034	1,982,710	Days	$ 0.70	1,389,289	
5	Total	8,685,727	Bills		130,720,191	264,190,863	Total Days		185,119,052	41.6%
6										
7										
8										
9	Energy Charge:									
10	Standard									
11	First 1,000 kWh	6,593,187	MWH	$ 52.25	344,494,021	6,593,187	MWH	$ 66.00	435,150,342	
12	All additional kWh	2,980,729	MWH	$ 62.25	185,550,380	2,980,729	MWH	$ 76.00	226,535,404	
13	RSVP-1	97,727	MWH	$ 55.39	5,413,099	97,727	MWH	$ 69.15	6,757,822	
14	Sun Select	11,489	MWH	$ 63.00	723,807	11,489	MWH	$ 63.00	723,807	
15	Total *	9,671,643	MWH		536,181,307	9,671,643	MWH		669,167,375	24.8%
16										
17										
18										
19	Total Base Revenue:				$ 666,901,498				$ 854,286,427	28.1%
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
33										
34										
35										
36										
37										
38										
39										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GS, GST

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Metered	786,542	Bills	$ 18.06	14,204,949	23,923,986	Days	$ 0.74	17,800,076	
4	Standard Unmetered	1,179	Bills	$ 15.05	17,744	35,861	Days	$ 0.62	22,330	
5	T-O-D	28,888	Bills	$ 18.06	521,717	878,677	Days	$ 0.74	653,759	
6	Total	816,609	Bills		14,744,410	24,838,524	Total Days		18,476,165	25.3%
7										
8	Energy Charge:									
9	Standard	895,468	MWH	$ 54.96	49,214,921	895,468	MWH	$ 69.15	61,921,612	
10	Standard Unmetered	1,338	MWH	$ 54.96	73,536	1,338	MWH	$ 69.15	92,523	
11	T-O-D On-Peak	8,456	MWH	$ 125.94	1,064,949	8,456	MWH	$ 137.13	1,159,571	
12	T-O-D Off-Peak	24,613	MWH	$ 30.53	751,435	24,613	MWH	$ 45.80	1,127,152	
13	Sun Select*	106.2	MWH	$ 63.00	6,691	106	MWH	$ 63.00	6,691	
14	Total	929,875	MWH		51,111,532	929,875	MWH		64,307,549	25.8%
15										
16	Emergency Relay Charge:									
17	Standard	1,597	MWH	$ 1.69	2,699	1,597	MWH	$ 1.81	2,891	
18	T-O-D	-	MWH	$ 1.69	-	-	MWH	$ 1.81	-	
19	Total	1,597	MWH		2,699	1,597	MWH		2,891	7.1%
20										
21										
22										
23	Total Base Revenue:				$ 65,858,641				$ 82,786,604	25.7%
24										
25										
26										
27										
28										
29										
30	*Total Excludes Sun Select MWH									
31										
32	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
33										
34										
35										
36										
37										
38										
39										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule CS

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1								
2	Basic Service Charge:							
3		39,131 Bills	$ 18.06	706,706	1,190,235 Days	$ 0.74	885,566	
4	Total	39,131 Bills		706,706	1,190,235 Total Days		885,566	25.3%
5								
6	Energy Charge:							
7		12,349 MWH	$ 54.96	678,701	12,349 MWH	$ 69.15	853,933	
8	Total	12,349 MWH		678,701	12,349 MWH		853,933	25.8%
9								
10								
11								
12	Total Base Revenue:			$ 1,385,407			$ 1,739,499	25.6%
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32	Note: Basic Service Charge under proposed rates reflects proposed daily charge.							
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD,GSDT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Standard - Secondary	165,372	Bills	$ 30.10	4,977,697	5,030,074	Days	$ 0.97	4,883,980	
3	Standard - Primary	564	Bills	$ 130.44	73,618	17,167	Days	$ 7.28	124,968	
4	Standard - Subtransmission	-	Bills	$ 993.27	-	-	Days	$ 22.47	-	
5	T-O-D - Secondary	16,275	Bills	$ 30.10	489,878	495,023	Days	$ 0.97	480,646	
6	T-O-D - Primary	489	Bills	$ 130.44	63,785	14,868	Days	$ 7.28	108,232	
7	T-O-D - Subtransmission	24	Bills	$ 993.27	23,838	742	Days	$ 22.47	16,675	
8	Total	182,724	Bills		5,628,816	5,557,874	Total Days		5,614,501	-0.3%
9										
10	Energy Charge:									
11	Standard - Secondary	4,437,942	MWH	$ 15.89	70,518,898	4,437,942	MWH	$ 20.91	92,797,367	
12	Standard - Primary	59,093	MWH	$ 15.89	938,988	59,093	MWH	$ 20.91	1,235,635	
13	Standard - Subtransmission	-	MWH	$ 15.89	-	-	MWH	$ 20.91	-	
14	T-O-D On-Peak - Secondary	503,925	MWH	$ 29.08	14,654,139	503,925	MWH	$ 42.50	21,416,813	
15	T-O-D On-Peak - Primary	92,820	MWH	$ 29.08	2,699,206	92,820	MWH	$ 42.50	3,944,850	
16	T-O-D On-Peak - Subtrans.	183	MWH	$ 29.08	5,322	183	MWH	$ 42.50	7,778	
17	T-O-D Off-Peak - Secondary	1,401,121	MWH	$ 10.49	14,697,759	1,401,121	MWH	$ 13.11	18,372,199	
18	T-O-D Off-Peak - Primary	251,383	MWH	$ 10.49	2,637,008	251,383	MWH	$ 13.11	3,296,260	
19	T-O-D Off-Peak - Subtrans.	469	MWH	$ 10.49	4,920	469	MWH	$ 13.11	6,150	
20	Sun Select*	240	MWH	$ 63.00	15,120	240	MWH	$ 63.00	15,120	
21	Total	6,746,936	MWH		106,171,359	6,746,936	MWH		141,092,170	32.9%
22										
23	Demand Charge:									
24	Standard - Secondary	11,644,412	kW	$ 10.92	127,156,979	11,644,412	kW	$ 13.00	151,377,356	
25	Standard - Primary	162,493	kW	$ 10.92	1,774,424	162,493	kW	$ 15.00	2,437,395	
26	Standard - Subtransmission	-	kW	$ 10.92	-	-	kW	$ 16.00	-	
27	T-O-D Billing - Secondary	3,583,349	kW	$ 3.49	12,505,888	3,583,349	kW	$ 4.15	14,870,898	
28	T-O-D Billing - Primary	689,809	kW	$ 3.49	2,407,433	689,809	kW	$ 4.15	2,862,707	
29	T-O-D Billing - Subtrans.	2,362	kW	$ 3.49	8,243	2,362	kW	$ 4.15	9,802	
30	T-O-D Peak - Secondary	3,458,798	kW (1)	$ 7.14	24,695,818	3,458,798	kW (1)	$ 8.50	29,399,783	
31	T-O-D Peak - Primary	653,558	kW (1)	$ 7.14	4,666,404	653,558	kW (1)	$ 8.50	5,555,243	
32	T-O-D Peak - Subtrans.	2,284	kW (1)	$ 7.14	16,308	2,284	kW (1)	$ 8.50	19,414	
33	Total	16,082,425	kW		173,231,497	16,082,425	kW		206,532,599	19.2%
34										
35	* Toal Excludes Sun Select MWH									
36	(1) not included in totals									
37										
38										
39	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									

Continued on Page 6

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD,GSDT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 5									
2										
3	Delivery Voltage Credit:									
4	Standard Primary	134,338	kW	$ (0.91)	(122,248)	134,338	kW	$ (0.85)	(114,232)	
5	Standard - Subtransmission	-	kW	$ (2.81)	-	-	kW	$ (3.18)	-	
6	T-O-D Primary	315,362	kW	$ (0.91)	(286,979)	315,362	kW	$ (0.85)	(268,162)	
7	T-O-D Subtransmission	309	kW	$ (2.81)	(868)	309	kW	$ (3.18)	(983)	
8	Total	450,009	kW		(410,095)	450,009	kW		(383,376)	-6.5%
9										
10	Emergency Relay Charge:									
11	Standard Secondary	482,850	kW	$ 0.72	347,652	482,850	kW	$ 0.72	347,831	
12	Standard Primary	35,065	kW	$ 0.72	25,247	35,065	kW	$ 0.72	25,260	
13	Standard - Subtransmission	-	kW	$ 0.72	-	-	kW	$ 0.72	-	
14	T-O-D Secondary	811,519	kW	$ 0.72	584,294	811,519	kW	$ 0.72	584,595	
15	T-O-D Primary	155,188	kW	$ 0.72	111,735	155,188	kW	$ 0.72	111,793	
16	T-O-D Subtransmission	-	kW	$ 0.72	-	-	kW	$ 0.72	-	
17	Total	1,484,622	kW		1,068,928	1,484,622	kW		1,069,479	0.1%
18										
19	Power Factor Charge:									
20	Standard Secondary	0	MVARh	$ 2.01	-	0	MVARh	$ -	-	
21	Standard Primary	0	MVARh	$ 2.01	-	0	MVARh	$ -	-	
22	Standard - Subtransmission	0	MVARh	$ 2.01	-	0	MVARh	$ -	-	
23	T-O-D Secondary	0	MVARh	$ 2.01	-	0	MVARh	$ -	-	
24	T-O-D Primary	0	MVARh	$ 2.01	-	0	MVARh	$ -	-	
25	T-O-D Subtransmission	0	MVARh	$ 2.01	-	0	MVARh	$ -	-	
26		0	MVARh	$ 2.01	-	0	MVARh		0	0.0%
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										

Continued on Page 7

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD,GSDT

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 6							
2								
3	Power Factor Credit:							
4	Standard Secondary	0 MVARh	$ (1.01)	-	0 MVARh	$ -	-	
5	Standard Primary	0 MVARh	$ (1.01)	-	0 MVARh	$ -	-	
6	Standard - Subtransmission	0 MVARh	$ (1.01)	-	0 MVARh	$ -	-	
7	T-O-D Secondary	0 MVARh	$ (1.01)	-	0 MVARh	$ -	-	
8	T-O-D Primary	0 MVARh	$ (1.01)	-	0 MVARh	$ -	-	
9	T-O-D Subtransmission	0 MVARh	$ (1.01)	-	0 MVARh	$ -	-	
10		MVARh		0	MVARh		0	0.0%
11								
12								
13	Metering Voltage Adjustment:							
14	Standard Primary	2,616,411	$ -1%	(26,164)	3,584,058	$ -1%	(35,841)	
15	Standard - Subtransmission	-	$ -2%	-	-	$ -2%	-	
16	T-O-D Primary	12,234,807	$ -1%	(122,348)	36,604,144	$ -1%	(366,041)	
17	T-O-D Subtransmission	33,924	$ -2%	(678)	6,918,368	$ -2%	(138,367)	
18	Total	14,885,142	$	(149,191)	47,106,570	$	(540,249)	262.1%
19								
20								
21								
22								
23	Total Base Revenue:			$ 285,541,314			$ 353,385,125	23.8%
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD Optional

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Optional - Secondary	21,126	Bills	$ 30.10	635,893	642,593	Days	$ 0.97	623,929	
3	Optional - Primary	304	Bills	$ 130.44	39,654	9,255	Days	$ 7.28	67,372	
4	Optional - Subtransmission	0	Bills	$ 993.27	-	0	Days	$ 22.47	-	
5	Total	21,430	Bills		675,546	651,848	Total Days		691,302	2.3%
6										
7	Energy Charge:									
8	Optional - Secondary	358,215	MWH	$ 65.95	23,624,279	358,215	MWH	$ 82.98	29,724,681	
9	Optional - Primary	5,382	MWH	$ 65.95	354,943	5,382	MWH	$ 82.98	446,598	
10	Optional - Subtransmission	0	MWH	$ 65.95	-	0	MWH	$ 82.98	-	
11	Total	363,597	MWH		23,979,222	363,597	MWH		30,171,279	25.8%
12										
13	Demand Charge:									
14	Optional - Secondary	2,170,434	kW	$ -	-	2,170,434	kW	$ -	-	
15	Optional - Primary	52,410	kW	$ -	-	52,410	kW	$ -	-	
16	Optional - Subtransmission	0	kW	$ -	-	0	kW	$ -	-	
17	Total	2,222,844	kW		-	2,222,844			-	0.0%
18										
19	Delivery Voltage Charge									
20	Optional - Primary	2,127	MWH	$ (2.40)	(5,105)	2,127	MWH	$ (2.16)	(4,584)	
21	Optional - Subtransmission	0		$ (7.35)	-	0	MWH	$ (8.13)	-	
22	Total	2,127	MWH		(5,105)	2,127	MWH		(4,584)	-10.2%
23										
24	Emergency Relay									
25	Optional - Secondary	17,452	MWH	$ 1.82	31,763	17,452	MWH	$ 1.81	31,588	
26	Optional - Primary	0	MWH	$ 1.82	-	0	MWH	$ 1.81	-	
27	Optional - Subtransmission	0	MWH	$ 1.82	-	0	MWH	$ 1.81	-	
28	Total	17,452	MWH		31,763	17,452	MWH		31,588	-0.5%
29										
30	Meter Voltage Adjustment									
31	Optional - Primary	349,838	$	-1%	(3,498)	442,015	$	-1%	(4,420)	
32	Optional - Subtransmission	-		-2%	-	-		-2%	-	
33	Total	349,838	$		(3,498)	442,015	$		(4,420)	26.3%
34										
35	Power Factor Charge	0	$/kVARh	0	0	0	$/kVARh	0	0	
36	Power Factor Credit	0	$/kVARh	0	0	0	$/kVARh	0	0	
37										
38	Total Base Revenue:				$ 24,677,928				$ 30,885,165	25.2%
39	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT Transferring to GSLDPR, GSDLTPR

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Standard - Primary	168	Bills	$ 130.44	21,914	5,110	Days	$ 23.71	121,137	
3	T-O-D - Primary	292	Bills	$ 130.44	38,088	8,882	Days	$ 23.71	210,548	
4	Total	460	Bills		60,002	13,992	Total Days		331,686	452.8%
5										
6	Energy Charge:									
7	Standard - Primary	182,088	MWH	$ 15.89	2,893,378	182,088	MWH	$ 12.72	2,316,159	
8	T-O-D On-Peak - Primary	197,349	MWH	$ 29.08	5,738,909	197,349	MWH	$ 25.63	5,058,055	
9	T-O-D Off-Peak - Primary	546,730	MWH	$ 10.49	5,735,198	546,730	MWH	$ 8.07	4,411,691	
10	Total	926,167	MWH		14,367,485	926,167	MWH		11,785,905	-18.0%
11										
12	Demand Charge:									
13	Standard - Primary	433,391	kW	$ 10.92	4,732,630	433,391	kW	$ 15.00	6,500,865	
14	T-O-D Billing - Primary	1,377,523	kW	$ 3.49	4,807,555	1,377,523	kW	$ 4.79	6,603,785	
15	T-O-D Peak - Primary	1,339,365	kW (1)	$ 7.14	9,563,066	1,339,365	kW (1)	$ 9.81	13,136,080	
16	Total	1,810,914	kW		19,103,251	1,810,914	kW		26,240,730	37.4%
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
35	(1) Not included in Total.									
36										
37										
38										
39										

Continued on Page 10

Supporting Schedules:

Recap Schedules: E-13a

09

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT Transferring to GSLDPR, GSDLTPR

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit		$ Revenue	Proposed Revenue Calculation Units		Charge/Unit		$ Revenue	Percent Increase
1	Continued from Page 9											
2												
3	Delivery Voltage Credit:											
4	Standard Primary	433,391	kW	$ (0.91)		(394,386)	433,391	kW	$ -		-	
5	T-O-D Primary	1,377,523	kW	$ (0.91)		(1,253,546)	1,377,523	kW	$ -		-	
6	Total	1,810,914	kW			(1,647,932)	1,810,914	kW			-	-100.0%
7												
8	Emergency Relay Charge:											
9	Standard Primary	133,271	kW	$ 0.72		95,955	133,271	kW	$ 0.72		96,005	
10	T-O-D Primary	704,382	kW	$ 0.72		507,155	704,382	kW	$ 0.72		507,417	
11	Total	837,653	kW			603,110	837,653	kW			603,421	0.1%
12												
13	Power Factor Charge:											
14	Standard Primary	4,302	MVARh	$ 2.01		8,647	4,302	MVARh	$ 2.01		8,647	
15	T-O-D Primary	6,351	MVARh	$ 2.01		12,766	6,351	MVARh	$ 2.01		12,766	
16		10,653	MVARh			21,413	10,653	MVARh			21,413	0.0%
17												
18												
19												
20												
21												
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35												
36												
37												
38												
39												

Continued on Page 11

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT Transferring to GSLDPR, GSDLTPR

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 10							
2								
3	Power Factor Credit:							
4	Standard Primary	22,614 MVARh	$ (1.01)	(22,840)	22,614 MVARh	$ (1.01)	(22,840)	
5	T-O-D Primary	85,272 MVARh	$ (1.01)	(86,125)	85,272 MVARh	$ (1.01)	(86,125)	0%
6	Total	107886		(108,965)	107886		(108,965)	
7								
8								
9	Metering Voltage Adjustment:							
10	Standard Primary	7,313,384 $	-1%	(73,134)	0 $	-1%	-	
11	T-O-D Primary	25,024,978 $	-1%	(250,250)	0 $	-1%	-	
12	Total	32,338,362 $		(323,384)	0 $		-	-100.0%
13								
14								
15								
16								
17	Total Base Revenue:			$ 32,074,981			$ 38,874,189	21.2%
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule IS, IST Transferring to GSLDPR,GSLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Pri.	67	Bills	$ 624.05	41,949	2,045	Days	$ 23.71	48,469	
4	T-O-D Primary	96	Bills	$ 624.05	59,971	2,923	Days	$ 23.71	69,293	
5	Total	163	Bills		101,920	4,968	Total Days		117,763	15.5%
6										
7	Energy Charge:									
8	Standard Primary	40,126	MWH	$ 25.13	1,008,366	40,126	MWH	$ 12.72	510,403	
9	T-O-D On-Peak - Pri.	38,392	MWH	$ 25.13	964,791	38,392	MWH	$ 25.63	983,987	
10	T-O-D Off-Peak - Pri.	107,764	MWH	$ 25.13	2,708,109	107,764	MWH	$ 8.07	869,573	
11	Total	186,282	MWH		4,681,267	186,282	MWH		2,363,962	-49.5%
12										
13	Demand Charge:									
14	Standard Primary	97,227	kW	$ 4.07	395,714	97,227	kW	$ 15.00	1,458,405	
15	T-O-D Billing - Primary	311,236	kW	$ 4.07	1,266,731	311,236	kW	$ 4.79	1,492,052	
16	T-O-D Peak - Primary	0	kW (1)	$ -	-	0	kW (1)	$ 9.81	-	
17	Total	408,463	kW		1,662,444	408,463	kW		2,950,457	77.5%
18										
19	Power Factor Charge:									
20	Standard Primary	5,154	MVARh	$ 2.01	10,360	5,154	MVARh	$ 2.01	10,360	
21	T-O-D Primary	7,578	MVARh	$ 2.01	15,232	7,578	MVARh	$ 2.01	15,232	
22	Total	12,732	MVARh		25,591	12,732	MVARh		25,591	0.0%
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
35	(1) Not included in Total.									
36										
37										
38										
39										

Continued on Page 13

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule IS, IST Transferring to GSLDPR,GSLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 12							
2								
3	Power Factor Credit:							
4	Standard Primary	3,492 MVARh	$ (1.01)	(3,527)	3,492 MVARh	$ (1.01)	(3,527)	
5	T-O-D Primary	6,183 MVARh	$ (1.01)	(6,245)	6,183 MVARh	$ (1.01)	(6,245)	
6	Total	9,675 MVARh		(9,772)	9,675 MVARh		(9,772)	0.0%
7								
8	Emergency Relay Service							
9	Standard Primary	0 kW	$ 1.62	-	0 kW	$ 0.72	-	
10	T-O-D Primary	0 kW	$ 1.62	-	0 kW	$ 0.72	-	
11	Total	0 kW		-	0 kW		-	0.0%
12								
13	Delivery Voltage Credit:							
14	Standard Primary	0 kW	$ -	-	0 kW	$ -	-	
15	T-O-D Primary	0 kW	$ -	-	0 kW	$ -	-	
16	Total	0 kW	-	-	0 kW		-	0.0%
17								
18	Metering Voltage Adjustment:							
19	Standard Primary	######### #### $	-1%	(14,109)	- $	-1%	-	
20	T-O-D Primary	4,948,618 $	-1%	(49,486)	- $	-1%	-	
21	Total	6,359,531 $		(63,595)	- $		-	-100.0%
22								
23								
24								
25	Total Base Revenue:			$ 6,397,855			$ 5,448,001	-14.8%
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT Transferring to GSLDSU, GSDLTSU

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Standard - Subtransmission	0	Bills	$ 993.27	-	0	Days	$ 102.89	-	
3	T-O-D - Subtransmission	0	Bills	$ 993.27	-	0	Days	$ 102.89	-	
4	Total	0	Bills		-	0	Total Days		-	0.0%
5										
6	Energy Charge:									
7	Standard - Subtransmission	0	MWH	$ 15.89	-	0	MWH	$ 20.30	-	
8	T-O-D On-Peak - Subtransmission	0	MWH	$ 29.08	-	0	MWH	$ 36.88	-	
9	T-O-D Off-Peak - Subtransmission	0	MWH	$ 10.49	-	0	MWH	$ 14.99	-	
10	Total	0	MWH		-	0	MWH		-	0.0%
11										
12	Demand Charge:									
13	Standard - Subtransmission	0	kW	$ 10.92	-	0	kW	$ 16.00	-	
14	T-O-D Billing - Subtransmission	0	kW	$ 3.49	-	0	kW	$ 5.11	-	
15	T-O-D Peak - Subtransmission	0	kW (1)	$ 7.14	-	0	kW (1)	$ 10.46	-	
16	Total	0	kW		-	0	kW		-	0.0%
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
34										
35	(1) Not included in Total.									
36										
37										
38										
39										

Continued on Page 15

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT Transferring to GSLDSU, GSDLTSU

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 14							
2								
3	Delivery Voltage Credit:							
4	Standard - Subtransmission	0 kW	$ (2.81)	-	0 kW	$ -	-	
5	T-O-D Subtransmission	0 kW	$ (2.81)	-	0 kW	$ -	-	
6	Total	0 kW		-	0 kW		-	0.0%
7								
8	Emergency Relay Charge:							
9	Standard Subtransmission	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
10	T-O-D Subtransmission	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
11	Total	0 kW		-	0 kW		-	0.0%
12								
13	Power Factor Charge:							
14	Standard Subtransmission	0 MVARh	$ 2.01	-	0 MVARh	$ 2.01	-	
15	T-O-D Subtransmission	0 MVARh	$ 2.01	-	0 MVARh	$ 2.01	-	
16	total	0 MVARh		-	0 MVARh		-	0.0%
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Continued on Page 16

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT Transferring to GSLDSU, GSDLTSU

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 15							
2								
3	Power Factor Credit:							
4	Standard Subtransmission	0 MVARh	$ (1.01)	-	0 MVARh	$ (1.01)	-	
5	T-O-D Subtransmission	0 MVARh	$ (1.01)	-	0 MVARh	$ (1.01)	-	0.0%
6	Total	0		-	0		-	
7								
8								
9	Metering Voltage Adjustment:							
10	Standard Subtransmission	- $	-2%	-	- $	0%	-	
11	T-O-D Subtransmission	- $	-2%	-	- $	0%	-	
12	Total	- $		-	- $		-	0.0%
13								
14								
15								
16								
17	Total Base Revenue:			$ -			$ -	0.0%
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule IS, IST Transferring to GSLDSU and GSLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Subtransmission	0	Bills	$ 624.05	-	0	Days	$ 102.89	-	
4	T-O-D Subtransmission	96	Bills	$ 2,379.85	228,704	2,923	Days	$ 102.89	300,761	
5	Total	96	Bills		228,704	2,923	Total Days		300,761	31.5%
6										
7	Energy Charge:									
8	Standard Subtransmission	0	MWH	$ 25.13	-	0	MWH	$ 20.30	-	
9	T-O-D On-Peak - Subtransmission	74,040	MWH	$ 25.13	1,860,625	74,040	MWH	$ 36.88	2,730,595	
10	T-O-D Off-Peak - Subtransmission	230,943	MWH	$ 25.13	5,803,598	230,943	MWH	$ 14.99	3,460,846	
11	Total	304,983	MWH		7,664,223	304,983	MWH		6,191,441	-19.2%
12										
13	Demand Charge:									
14	Standard Subtransmission	0	kW	$ 4.07	-	0	kW	$ 16.00	-	
15	T-O-D Billing - Subtransmission	857,916	kW	$ 4.07	3,491,718	857,916	kW	$ 5.11	4,386,999	
16	T-O-D Peak -Subtransmission	-	kW (1)	$ -	-	-	kW (1)	$ 10.46	-	
17	Total	857,916	kW		3,491,718	857,916	kW		4,386,999	25.6%
18										
19	Power Factor Charge:									
20	Standard Subtransmission	0	MVARh	$ -		0	MVARh	$ 2.01	-	
21	T-O-D Subtransmission	28,228	MVARh	$ 2.01	56,738	28,228	MVARh	$ 2.01	56,738	
22	Total	28,228	MVARh	$ -	56,738	28,228	MVARh		56,738	0.0%
23										

24 Note: Basic Service Charge under proposed rates reflects proposed daily charge.
25 (1) Not included in Total.

Continued on Page 18

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule IS, IST Transferring to GSLDSU and GSLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 17							
2								
3	Power Factor Credit:							
4	Standard Subtransmission	0 MVARh	$ (1.01)	$ -	0 MVARh	$ (1.01)	-	
5	T-O-D Subtransmission	1,074 MVARh	$ (1.01)	$ (1,084.74)	1,074 MVARh	$ (1.01)	(1,085)	
6	Total	0 MVARh		$ (1,084.74)	1,074 MVARh		(1,085)	0.0%
7								
8	Emergency Relay Service							
9	Standard-Subtransmission	0 kW	$ 1.62	-	0 kW	$ 0.72	-	
10	T-O-D Subtransmission	0 kW	$ 1.62	-	0 kW	$ 0.72	-	
11	Total	0 kW		-	0 kW		$ -	0.0%
12								
13	Delivery Voltage Credit:							
14	Standard Subtransmission	0 kW	$ (1.14)	-	0 kW	$ -	-	
15	T-O-D Subtransmission	894,802 kW	$ (1.14)	(1,020,074)	0 kW	$ -	-	
16	Total	894,802 kW		(1,020,074)	0 kW		$ -	-100.0%
17								
18	Metering Voltage Adjustment:							
19	Standard Subtransmission	0 $	-1%	-	- $	$ -	-	
20	T-O-Dsubtransmission	10,191,521 $	-1%	(101,915)	########## #### $	$ -	-	
21	Total	10,191,521 $		(101,915)	14,094,939 $		-	-100.0%
22								
23								
24								
25	Total Base Revenue:			$ 10,318,309			$ 10,934,855	6.0%
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD Optional transfering to GSLDPR

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Optional - Primary	12	Bills	$ 130.44	1,565	365	Days	$ 23.71	8,653	
3	Total	12	Bills	$ 130.44	1,565	365	Total Days		8,653	452.8%
4										
5	Energy Charge:									
6	Optional - Primary	2,347	MWH	$ 65.95	154,785	2,347	MWH	$ 12.72	29,854	
7	Total	2,347	MWH		154,785	2,347	MWH		29,854	-80.7%
8										
9	Demand Charge:									
10	Optional - Primary	0	kW	$ -	-	11,433	kW	$ 15.00	171,495	
11	Total	0	kW	$ -	-	11,433			171,495	100.0%
12										
13	Delivery Voltage Credit									
14	Optional - Primary	2,347	MWH	$ (2.40)	(5,633)	0	MWH	$ -	-	
15	Total	2,347	MWH		(5,633)	0	MWH		-	-100.0%
16										
17	Emergency Relay									
18	Optional - Primary	0	MWH	$ 0.72	-	0	MWH	$ 0.72	-	
19	Total	0	MWH		-	0	MWH		-	0.0%
20										
21	Meter Voltage Adjustment									
22	Optional - Primary	149,152	$	-1%	(1,492)	0	$	-1%	-	
23	Total	149,152	$		(1,492)	0	$		-	-100.0%
24										
25	Power Factor Charge		kVARh	$ -	$ -	697	kVARh	$ 2.01	$ 1,401	
26										
27	Power Factor Credit		kVARh	$ -	$ -	460	kVARh	$ (1.01)	$ (465)	
28										
29										
30	Total Base Revenue:				$ 149,226				$ 210,938	41.4%
31										
32										
33										
34	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
35										
36										
37										
38										
39										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule GSD Optional transferring to GSLDSU

Line No.	Type of Charges	Present Revenue Calculation Units		Present Revenue Calculation Charge/Unit	Present Revenue Calculation $ Revenue	Proposed Revenue Calculation Units		Proposed Revenue Calculation Charge/Unit	Proposed Revenue Calculation $ Revenue	Percent Increase
1	Basic Service Charge:									
2	Optional - Subtransmission	0	Bills	$ 993.27	-	0	Days	$ 102.89	-	
3	Total	0	Bills		-	0	Total Days	$ 102.89	-	0.0%
4										
5	Energy Charge:									
6	Optional - Subtransmission	0	MWH	$ 65.95	-	0	MWH	$ 20.30	-	
7	Total	0	MWH		-	0	MWH	$ 20.30	-	0.0%
8										
9	Demand Charge:									
10	Optional - Subtransmission	0	kW	$ -	-	0	kW	$ 16.00	-	
11	Total	0	kW	$ -	-	0		$ 16.00	-	0.0%
12										
13	Delivery Voltage Credit									
14	Optional - Subtransmission	0	MWH	$ (7.35)	-	0	MWH			
15	Total	0	MWH		-	0	MWH			0.0%
16										
17	Emergency Relay									
18	Optional - Subtransmission	0	MWH	$ 0.72	-	0	MWH	$ 0.72	-	
19	Total	0	MWH		-	0	MWH	$ 0.72	-	0.0%
20										
21	Meter Voltage Adjustment									
22	Optional - Subtransmission	0	$	-2%	-	0	$	0%	-	
23	Total	0	$		-	0	$		-	0.0%
24										
25	Power Factor Charge	0	kVARh	2.01	0	0	kVARh	2.01	-	
26										
27	Power Factor Credit	0	kVARh	-1.01	0	0	kVARh	(1.01)	-	
28										
29										
30										
31										
32	Total Base Revenue:				$ -				$ -	0.0%
33										
34										
35										
36										
37										
38										
39										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDPR,SBLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Primary	0	Bills	$ 155.51	-	0	Days	$ 24.53	-	
4	T-O-D Primary	24	Bills	$ 155.51	3,802	744	Days	$ 24.53	18,241	
5	Total	24	Bills		3,802	744	Total Days	$ 49.06	18,241	379.7%
6										
7	Energy Charge - Supplemental:									
8	Standard Primary	0	MWH	$ 15.89	-	-	MWH	$ 12.72	-	
9	T-O-D On-Peak - Primary	28,694	MWH	$ 29.08	834,422	28,694	MWH	$ 25.63	735,427	
10	T-O-D Off-Peak - Primary	86,031	MWH	$ 10.49	902,465	86,031	MWH	$ 8.07	694,204	
11	total	114,725			1,736,887	114,725			1,429,631	-17.7%
12										
13	Energy Charge - Standby:									
14	Standard Primary	0	MWH	$ 9.170	-	0	MWH	$ 9.92	-	
15	T-O-D On-Peak - Primary	1,954	MWH	$ 9.170	17,918	1,954	MWH	$ 9.92	19,389	
16	T-O-D Off-Peak - Primary	5,732	MWH	$ 9.170	52,562	5,732	MWH	$ 9.92	56,878	
17	Total	7,686	MWH		70,481	7,686	MWH		76,267	8.2%
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
35										
36										
37										
38										
39										

Continued on Page 22

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDPR,SBLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 21							
2								
3	Demand Charge - Supplemental:							
4	Standard Primary	0 kW	$ 10.92	-	0 kW	$ 15.00	-	
5	T-O-D Billing - Primary	192,602 kW	$ 3.49	672,181	192,602 kW	$ 4.79	923,326	
6	T-O-D Peak - Primary	185,269 kW (1)	$ 7.14	1,322,821	185,269 kW (1)	$ 9.81	1,817,061	
7	Total	192,602		1,995,001	192,602		2,740,387	37.4%
8								
9	Demand Charge - Standby:							
10	Std. Facilities Reservation - Pri.	0 kW	$ 1.68	-	0 kW	1.93	-	
11	Std. Power Supply Res. - Pri.	0 kW (1)	$ 1.55 / kW-mo.	-	0 kW (1)	2.22	-	
12	Std. Power Supply Dmd. - Pri.	0 kW (1)	$ 0.62 / kW-day	-	0 kW (1)	0.88	-	
13	T-O-D Facilities Reservation - Pri.	100,050 kW	$ 1.68	168,084	100,050 kW	$ 1.93	193,321	
14	T-O-D Power Supply Res. - Pri.	56,599 kW (1)	$ 1.55 / kW-mo.	87,728	56,599 kW (1)	$ 2.22 kW-mo.	125,378	
15	T-O-D Power Supply Dmd. - Pri.	182,494 kW (1)	$ 0.62 / kW-day	113,147	182,494 kW (1)	$ 0.88 kW-day	160,422	
16	Total	292,652 kW		368,959	292,652 kW		479,121	29.9%
17								
18								
19	Power Factor Charge Supplemental & Standby:							
20	Standard Primary	0 MVARh	$ 2.01	-	0 MVARh	$ 2.01	-	
21	T-O-D Primary	14,707 MVARh	$ 2.01	29,561	14,707 MVARh	$ 2.01	29,561	
22	Total	14,707		29,561	14,707		29,561	0.0%
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35	(1) Not included in Total.							
36								
37								
38								
39								

Continued on Page 23

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDPR,SBLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 22							
2								
3	Power Factor Credit Supplemental & Standby:							
4	Standard Primary	0 MVARh	$ (1.01)	-	0 MVARh	$ (1.01)	-	
5	T-O-D Primary	0 MVARh	$ (1.01)	-	0 MVARh	$ (1.01)	-	
6	Total	0 MVARh		-	0 MVARh		-	0.0%
7								
8	Delivery Voltage Credit - Supplemental.:							
9	Standard Primary	0 kW	$ (0.91)	-	0 kW	$ -	-	
10	T-O-D Primary	192,602 kW	$ (0.91)	(175,268)	0 kW		-	-100.0%
11	Total	192,602		(175,268)	0			
12								
13	Delivery Voltage Credit. - Standby.:							
14	Std. Primary	0 kW	$ (0.63)	-	0 kW	0	-	
15	T-O-D Primary	100,050 kW	$ (0.63)	(63,032)	0 kW	$ -	-	
16	Total	100,050 kW		(238,299)	0 kW		-	-100.0%
17								
18	Emergency Relay Charge - Supplemental and Standby.							
19	Standard Primary	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
20	T-O-D Primary	112,535 kW	$ 0.72	81,025	112,535 kW	$ 0.72	81,067	
21	Total	112,535		81,025	112,535		81,067	0.1%
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Continued on Page 24

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDPR,SBLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 23							
2								
3	Metering Voltage Adjustment - Supplemental and Stanby.:							
4	Standard Primary	0	$ -1.0%	-	-	$ -1.0%	-	
5	T-O-D Primary	4,043,615	$ -1.0%	(40,436)	-	$ -1.0%	-	
6	Total	4,043,615	$	(40,436)	-	$	-	-100.0%
7								
8								
9								
10	Total Base Revenue:			$ 4,006,981			$ 4,854,275	21.1%
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDSU,SBLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Subtransmission	0	Bills	$ 1,018.36	-	0	Days	$ 103.72	-	
4	T-O-D Subtransmission	37	Bills	$ 1,018.36	37,343	1115	Days	$ 103.72	115,682	
5	Total	37	Bills		37,343	1115	Total Days		115,682	209.8%
6										
7	Energy Charge - Supplemental:									
8	Standard Subtransmission	0	MWH	$ 15.89	-	0	MWH	$ 20.30	-	
9	T-O-D On-Peak - Subtransmission	0	MWH	$ 29.08	-	0	MWH	$ 36.88	-	
10	T-O-D Off-Peak - Subtransmission	0	MWH	$ 10.49	-	0	MWH	$ 14.99	-	
	Total	0								
11										
12	Energy Charge - Standby:									
13	Standard-Subtransmission	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
14	T-O-D On-Peak - Subtransmission	1,595	MWH	$ 9.17	14,626	1,595	MWH	$ 9.92	15,827	
15	T-O-D Off-Peak - Subtransmission	4,678	MWH	$ 9.17	42,897	4,678	MWH	$ 9.92	46,419	
16	Total	6,273	MWH		57,523	6,273	MWH		62,246	8.2%
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
36										
37										
38										
39										

Continued on Page 26

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDSU,SBLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit		$ Revenue	Proposed Revenue Calculation Units		Charge/Unit		$ Revenue	Percent Increase
1	Continued from Page 25											
2												
3	Demand Charge - Supplemental:											
4	Standard Subtransmission	0	kW	$ 10.92		-	0	kW	$ 16.00		-	
5	T-O-D Billing - Subtransmission	0	kW	$ 3.49		-	0	kW	$ 5.11		-	
6	T-O-D Peak - Subtransmission	0	kW (1)	$ 7.14		-	0	kW (1)	$ 10.46		-	
	Total	0				-	0	kW				0.0%
7												
8	Demand Charge - Standby:											
9	Standard- Facilities Reservation - Subtransmission	0	kW	$ 1.68		-	0	kW				
10	Standard- Power Supply Res. - Subtransmission	0	kW	$ 1.55	/ kW-mo.	-	0	kW (1)				
11	Standand-T-O-D Power Supply Dmd. - Subtransmi	0	kW	$ 0.62	/ kW-day	-	0	kW (1)				
12	T-O-D Facilities Reservation - Subtransmission	218,648	kW	$ 1.68		367,329	218,648	kW	$ -		-	
13	T-O-D Power Supply Res. - Subtransmission	174,805	kW (1)	$ 1.55	/ kW-mo.	270,948	174,805	kW (1)	$ 2.22	kW-mo.	387,231	
14	T-O-D Power Supply Dmd. - Subtransmission	147,909	kW (1)	$ 0.62	/ kW-day	91,704	147,909	kW (1)	$ 0.88	kW-day	130,020	
15	Total	218,648	kW			729,980	218,648	kW			517,250	-29.1%
16												
17												
18	Power Factor Charge Supplemental & Standby:											
19	Standard Subtransmission	0	MVARh	$ 2.01		-	0	MVARh	$ 2.01		-	
20	T-O-D Subtransmission	215	MVARh	$ 2.01		432	215	MVARh	$ 2.01		432	
21		215	MVARh			432	215	MVARh			432	0.0%
22												
23												
24												
25												
26												
27												
28												
29												
30												
31												
32												
33												
34												
35	(1) Not included in Total.											
36												
37												
38												
39												

Continued on Page 27

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDSU,SBLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 26							
2								
3								
4								
5								
6								
7								
8								
9								
10	Power Factor Credit Supplemental & Standby:							
11	Standard Subtransmission	0 MVARh	$ (1.01)	-	0 MVARh	$ (1.01)	-	
12	T-O-D Subtransmission	776 MVARh	$ (1.01)	(784)	776 MVARh	$ (1.01)	(784)	
13	Total	776 MVARh		(784)	776 MVARh		(784)	0.0%
14								
15	Delivery Voltage Credit - Supplemental.:							
16	Standard Subtransmission	0 kW	$ (2.81)	-	0 kW	$ -	-	
17	T-O-D Subtransmission	0 kW	$ (2.81)	-	0 kW	$ -	-	
	Total	0 kW		-	0 kW			0.0%
18								
19	Delivery Voltage Credit. - Standby.:							
20	Std. Subtransmission	0 kW	$ (1.97)	-	0 kW	0	-	
21	T-O-D Subtransmission	218,648 kW	$ (1.97)	(430,737)	218,648 kW	$ -	-	
22	Total	218,648 kW		(430,737)	218,648 kW		-	-100.0%
23								
24	Emergency Relay Charge - Supplemental and Standby.							
25	Standard Subtransmission	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
26	T-O-D Subtransmission	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
27		0 kW		-	0 kW		-	0.0%
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Continued on Page 28

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBLDSU,SBLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 15							
2								
3	Metering Voltage Adjustment - Supplemental and Stanby.:							
4	Standard Subtransmission	0	$ -1.0%	-	-	$ 0.0%	-	
5	T-O-D Subtransmission	356,415	$ -2.0%	(7,128)		$ 0.0%	-	
6	Total	356,415	$	(7,128)	-	$	-	-100.0%
7								
8								
9								
10	Total Base Revenue:			$ 386,630			$ 694,826	79.7%
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBD/SBDT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Secondary	0	Bills	$ 55.18	-	0	Days	$ 1.79	-	
4	Standard Primary	0	Bills	$ 155.51	-	0	Days	$ 8.10	-	
5	Standard Subtransmission	0	Bills	$ 1,018.36	-	0	Days	$ 23.29	-	
6	T-O-D Secondary	0	Bills	$ 55.18	-	0	Days	$ 1.79	-	
7	T-O-D Primary	0	Bills	$ 155.51	-	0	Days	$ 8.10	-	
8	T-O-D Subtransmission	0	Bills	$ 1,018.36	-	0	Days	$ 23.29	-	
9	Total	0	Bills		-	0	Total Days		-	0.0%
10										
11	Energy Charge - Supplemental:									
12	Standard Secondary	0	MWH	$ 15.89	-	0	MWH	$ 20.91	-	
13	Standard Primary	0	MWH	$ 15.89	-	0	MWH	$ 20.91	-	
14	Standard Subtransmission	0	MWH	$ 15.89	-	0	MWH	$ 20.91	-	
15	T-O-D On-Peak - Secondary	0	MWH	$ 29.08	-	0	MWH	$ 42.50	-	
16	T-O-D On-Peak - Primary	0	MWH	$ 29.08	-	0	MWH	$ 42.50	-	
17	T-O-D On-Peak - Subtrans.	0	MWH	$ 29.08	-	0	MWH	$ 42.50	-	
18	T-O-D Off-Peak - Secondary	0	MWH	$ 10.49	-	0	MWH	$ 13.11	-	
19	T-O-D Off-Peak - Primary	0	MWH	$ 10.49	-	0	MWH	$ 13.11	-	
20	T-O-D Off-Peak - Subtrans.	0	MWH	$ 10.49	-	0	MWH	$ 13.11	-	
21	Total	0			-	0			-	0.0%
22										
23	Energy Charge - Standby:									
24	Standard Secondary	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
25	Standard Primary	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
26	Standard Subtransmission	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
27	T-O-D On-Peak -Secondary	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
28	T-O-D On-Peak - Primary	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
29	T-O-D On-Peak - Subtrans.	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
30	T-O-D Off-Peak -Secondary	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
31	T-O-D Off-Peak - Primary	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
32	T-O-D Off-Peak - Subtrans.	0	MWH	$ 9.17	-	0	MWH	$ 9.92	-	
33	Total	0	MWH		-	0	MWH		-	0.0%
34										
35										
36	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
37										
38										
39										

Continued on Page 30

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBD/SBDT

Line No.	Type of Charges	Present Revenue Calculation Units	Present Revenue Calculation Charge/Unit	Present Revenue Calculation $ Revenue	Proposed Revenue Calculation Units	Proposed Revenue Calculation Charge/Unit	Proposed Revenue Calculation $ Revenue	Percent Increase
1	Continued from Page 29							
2								
3	Demand Charge - Supplemental:							
4	Standard Secondary	0 kW	$ 10.92	-	0 kW	$ 13.00	-	
5	Standard Primary	0 kW	$ 10.92	-	0 kW	$ 15.00	-	
6	Standard Subtransmission	0 kW	$ 10.92	-	0 kW	$ 16.00	-	
7	T-O-D Billing - Secondary	0 kW	$ 3.49	-	0 kW	$ 4.15	-	
8	T-O-D Billing - Primary	0 kW	$ 3.49	-	0 kW	$ 4.15	-	
9	T-O-D billing - Subtransmission	0 kW	$ 3.49	-	0 kW	$ 4.15	-	
10	T-O-D Peak - Secondary	0 kW (1)	$ 7.14	-	0 kW (1)	$ 8.50	-	
11	T-O-D Peak - Primary	0 kW (1)	$ 7.14	-	0 kW (1)	$ 8.50	-	
12	T-O-D Peak - Subtransmission	0 kW (1)	$ 7.14	-	0 kW (1)	$ 8.50	-	
13	Demand Charge - Standby:							
14	Std. Facilities Reservation - Sec.	0 kW	1.68	-	0 kW	$ 2.64	-	
15	Std. Facilities Reservation - Pri.	0 kW	1.68	-	0 kW	$ 2.64	-	
16	Std. Facilities Reservation - Sub.	0 kW	1.68	-	0 kW	$ 2.64	-	
17	Std. Power Supply Res. - Sec.	0 kW (1)	1.55 kW-mo.	-	0 kW (1)	$ 2.22 kW-mo.	-	
18	Std. Power Supply Res. - Pri.	0 kW (1)	1.55 kW-mo.	-	0 kW (1)	$ 2.22 kW-mo.	-	
19	Std. Power Supply Res. - Sub.	0 kW (1)	1.55 kW-mo.	-	0 kW (1)	$ 2.22 kW-mo.	-	
20	Std. Power Supply Dmd. - Sec.	0 kW (1)	0.62 kW-day	-	0 kW (1)	$ 0.88 kW-day	-	
21	Std. Power Supply Dmd. - Pri.	0 kW (1)	0.62 kW-day	-	0 kW (1)	$ 0.88 kW-day	-	
22	Std. Power Supply Dmd. - Sub.	0 kW (1)	0.62 kW-day	-	0 kW (1)	$ 0.88 kW-day	-	
23	T-O-D Facilities Reservation - Sec.	0 kW	$ 1.68	-	0 kW	$ 2.64	-	
24	T-O-D Facilities Reservation - Pri.	0 kW	$ 1.68	-	0 kW	$ 2.64	-	
25	T-O-D Facilities Reservation - Sub.	0 kW	$ 1.68	-	0 kW	$ 2.64	-	
26	T-O-D Power Supply Res. - Sec.	0 kW (1)	$ 1.55 / kW-mo.	-	0 kW (1)	$ 2.22 kW-mo.	-	
27	T-O-D Power Supply Res. - Pri.	0 kW (1)	$ 1.55 / kW-mo.	-	0 kW (1)	$ 2.22 kW-mo.	-	
28	T-O-D Power Supply Res. - Sub.	0 kW (1)	$ 1.55 / kW-mo.	-	0 kW (1)	$ 2.22 kW-mo.	-	
29	T-O-D Power Supply Dmd. - Sec.	0 kW (1)	$ 0.62 / kW-day	-	0 kW (1)	$ 0.88 kW-day	-	
30	T-O-D Power Supply Dmd. - Pri.	0 kW (1)	$ 0.62 / kW-day	-	0 kW (1)	$ 0.88 kW-day	-	
31	T-O-D Power Supply Dmd. - Sub.	0 kW (1)	$ 0.62 / kW-day	-	0 kW (1)	$ 0.88 kW-day	-	
32	Total	0 kW		-	0 kW		-	0.0%
33								
34								
35	(1) Not included in Total.							
36								
37								
38								
39								

Continued on Page 31

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBD/SBDT

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 14							
2								
3	Power Factor Charge Supplemental & Standby:							
4	Standard Secondary	0 MVARh	$ -	-	0 MVARh	$ -	-	
5	Standard Primary	0 MVARh	$ -	-	0 MVARh	$ -	-	
6	Standard Subtransmission	0 MVARh	$ -	-	0 MVARh	$ -	-	
7	T-O-D Secondary	0 MVARh	$ -	-	0 MVARh	$ -	-	
8	T-O-D Primary	0 MVARh	$ -	-	0 MVARh	$ -	-	
9	T-O-D Subtransmission	0 MVARh	$ -	-	0 MVARh	$ -	-	
10		0		-	0 MVARh		-	0.0%
11	Power Factor Credit Supplemental & Standby:							
12	Standard Secondary	0 MVARh	$ -	-	0 MVARh	$ -	-	
13	Standard Primary	0 MVARh	$ -	-	0 MVARh	$ -	-	
14	Standard Subtransmission	0 MVARh	$ -	-	0 MVARh	$ -	-	
15	T-O-D Secondary	0 MVARh	$ -	-	0 MVARh	$ -	-	
16	T-O-D Primary	0 MVARh	$ -	-	0 MVARh	$ -	-	
17	T-O-D Subtransmission	0 MVARh	$ -	-	0 MVARh	$ -	-	
18	Total	0 MVARh		-	0 MVARh	$ -	-	0.0%
19								
20	Delivery Voltage Credit - Supplemental.:							
21	Standard Primary	0 kW	$ (0.91)	-	0 kW	$ (0.85)	-	
22	Standard Subtransmission	0 kW	$ (2.81)	-	0 kW	$ (3.18)	-	
23	T-O-D Primary	0 kW	$ (0.91)	-	0 kW	$ (0.85)	-	
24	T-O-D Subtransmission	0 kW	$ (2.81)	-	0 kW	$ (3.18)	-	
25	Delivery Voltage Credit. - Standby.:							
26	Std. Primary	0 kW	$ (0.63)	-	0 kW	$ (1.93)	-	
27	Std. Subtransmission	0 kW	$ (1.97)	-	0 kW	$ (2.64)	-	
28	T-O-D Primary	0 kW	$ (0.63)	-	0 kW	$ (1.93)	-	
29	T-O-D Subtransmission	0 kW	$ (1.97)	-	0 kW	$ (2.64)	-	
30	Total	0 kW		-	0 kW		-	0.0%
31								
32								
33								
34								
35								
36								
37								
38								
39								

Continued on Page 32

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBF,SBFT Transferring to SBD/SBDT

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 15							
2								
3	Emergency Relay Charge - Supplemental and Standby.							
4	Standard Secondary	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
5	Standard Primary	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
6	Standard Subtransmission	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
7	T-O-D Secondary	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
8	T-O-D Primary	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
9	T-O-D Subtransmission	0 kW	$ 0.72	-	0 kW	$ 0.72	-	
10		0 kW		-	0 kW		-	0.0%
11								
12								
13								
14								
15								
16	Metering Voltage Adjustment - Supplemental and Stanby.:							
17	Standard Primary	0 $	-1.0%	-	0 $	-1.0%	-	
18	Standard Subtransmission	0 $	-2.0%	-	0 $	-2.0%	-	
19	T-O-D Primary	0 $	-1.0%	-	0 $	-1.0%	-	
20	T-O-D Subtransmission	0 $	-2.0%	-	0 $	-2.0%	-	
21	Total	0 $		-	0 $		-	0.0%
22								
23								
24								
25	Total Base Revenue:			$ -			$ -	0.0%
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBI Transferring to SBLDPR,SBLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units	Present Revenue Calculation Charge/Unit	Present Revenue Calculation $ Revenue	Proposed Revenue Calculation Units	Proposed Revenue Calculation Charge/Unit	Proposed Revenue Calculation $ Revenue	Percent Increase
1								
2	Basic Service Charge:							
3	Standard	0 Bills	$ 649.14	-	0 Days	$ 24.53	-	
4	T-O-D Primary	0 Bills	$ 649.14	-	0 Days	$ 24.53	-	
5	Total	0 Bills		-	0 Total Days		-	0.0%
6								
7	Energy Charge - Supplemental:							
8	Standard	0 MWH	$ 25.13	-	0 MWH	$ 12.72	-	
9	T-O-D On-Peak - Pri.	0 MWH	$ 25.13	-	0 MWH	$ 25.63	-	
10	T-O-D Off-Peak - Pri.	0 MWH	$ 25.13	-	0 MWH	$ 8.07	-	
11	Energy Charge - Standby:							
12	Standard	0 MWH	10.09		0 MWH	$ 9.92		
13	T-O-D On-Peak - Pri.	0 MWH	$ 10.09	-	0 MWH	$ 9.92	-	
14	T-O-D Off-Peak - Pri.	0 MWH	$ 10.09	-	0 MWH	$ 9.92	-	
15	Total	0 MWH		-	0 MWH		-	0.0%
16								
17	Demand Charge - Supplemental:							
18	Standard	0 kW	$ 4.07 kW	-	0 kW	$ 15.00	-	
19	T-O-D Billing - Primary	0 kW	$ 4.07 kW	-	0 kW	$ 4.79 kW	-	
20	T-O-D Peak - Primary	0 kW (1)	$ 4.07 kW	-	0 kW (1)	$ 9.81 kW	-	
21	Demand Charge - Standby:							
22	Standard							
23	Std.Facilities Reservation - Pri.	0 kW	$ 1.39	-	0 kW	$ 1.93	-	
24	Std. Bulk Trans. Res. - Pri.	0 kW (1)	$ 1.20	-	0 kW (1)	$ 2.22	-	
25	Std. Bulk Trans. Dmd. - Pri.	0 kW (1)	$ 0.48	-	0 kW (1)	$ 0.88	-	
26	T-O-D Facilities Reservation - Pri.	0 kW	$ 1.39 kW	-	0 kW	$ 1.93 kW	-	
27	T-O-D Bulk Trans. Res. - Pri.	0 kW (1)	$ 1.20 kW-mo.	-	0 kW (1)	$ 2.22 kW-mo.	-	
28	T-O-D Bulk Trans. Dmd. - Pri.	0 kW (1)	$ 0.48 kW-day	-	0 kW (1)	$ 0.88 kW-day	-	
29	Total	0 kW		-	0 kW		-	0.0%
30								
31								
32								
33								
34	Note: Basic Service Charge under proposed rates reflects proposed daily charge.							
35	(1) Not included in Total.							
36								
37								
38								
39								

Continued on Page 34

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBI Transferring to SBLDPR,SBLDTPR

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 33							
2								
3	Power Factor Charge Supplemental & Standby:							
4	Standard	0 MVARh	$ 2.01	-	0 MVARh	$ 2.01	-	
5	T-O-D Primary	0 MVARh	$ 2.01	-	0 MVARh	$ 2.01	-	
6	Total	0 MVARh		-	0 MVARh		-	0.0%
7								
8	Power Factor Credit Supplemental & Standby:							
9	Standard	0 MVARh	(1.01)	-	0 MVARh	$ (1.01)	-	
10	T-O-D Primary	0 MVARh	$ (1.01)	-	0 MVARh	$ (1.01)	-	
11	Total	0 MVARh		-	0 MVARh		-	0.0%
12								
13	Emergency Relay Charge - Supp.							
14	Standard	0 kW	$ 1.62	-	0 kW	$ 0.72	-	
15	T-O-D Primary	0 kW	$ 1.62	-	0 kW	$ 0.72	-	
16	Total	0 kW		-	0 kW		-	0.0%
17								
18	Delivery Voltage Credit - Supplemental.:							
19	Standard	0 kW	$ -	-	0 kW	$ -	-	
20	T-O-D Primary	0 kW	$ -	-	0 kW	$ -	-	
21	Delivery Voltage Credit. - Standby.:							
22	Standard	0 kW	$ -	-				
23	T-O-D Primary	0 kW	$ -	-	0 kW	$ -	-	
24	Total	0 kW		-	0 kW		-	0.0%
25								
26	Metering Voltage Adjustment - Supplemental and Stanby.:							
27	Standard	0	0.0%		0	0.0%		
28	T-O-D Primary	0 $	0.0%	-	0 $	0.0%	-	
29	Total	0 $		-	0 $	0.0%	-	0.0%
30								
31								
32								
33	Total Base Revenue:			$ -			$ -	0.0%
34								
35								
36								
37								
38								
39								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBI Transferring to SBLDSU,SBLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit		$ Revenue	Proposed Revenue Calculation Units		Charge/Unit		$ Revenue	Percent Increase
1												
2	Basic Service Charge:											
3	Standard	0	Bills	$ 2,404.93		0	0	Days	$ 103.72		-	
4	T-O-D Subtransmission	38	Bills	$ 2,404.93		90,281	1142	Days	$ 103.72		118,426	
5	Total	38	Bills			90,281	1142	Total Days			118,426	31.2%
6												
7	Energy Charge - Supplemental:											
8	Standard	0	MWH	$ 25.13		0	0	MWH	$ 20.30		-	
9	T-O-D On-Peak - Subtrans.	21,686	MWH	$ 25.13		544,969	21,686	MWH	$ 36.88		799,780	
10	T-O-D Off-Peak - Subtrans.	69,471	MWH	$ 25.13		1,745,806	69,471	MWH	$ 14.99		1,041,073	
11	Energy Charge - Standby:											
12	Standard	0	MWH	$ 10.09		0	0	MWH	$ 9.92		-	
13	T-O-D On-Peak - Subtrans.	70,125	MWH	$ 10.09		707,561	70,125	MWH	$ 9.92		695,838	
14	T-O-D Off-Peak - Subtrans.	233,815	MWH	$ 10.09		2,359,193	233,815	MWH	$ 9.92		2,320,104	
15	Total	395,097	MWH			5,357,530	303,940	MWH			4,856,794	-9.3%
16												
17	Demand Charge - Supplemental:											
18	Standard	0	kW	$ 4.07		0	0	kW	$ 16.00	kW	-	
19	T-O-D Billing - Subtrans.	146,908	kW	$ 4.07	kW	597,916	146,908	kW	$ 5.11	kW	751,222	
20	T-O-D Peak - Subtrans.	0	kW (1)		kW	0	0	kW (1)	$ 10.46	kW	-	
21	Demand Charge - Standby:											
22	Standard											
23	Std. Facilities Res. - Subtrans.	0	kW	$ 1.39	kW	0	0	kW	$ -		-	
24	Std. Bulk Trans. Res. - Subtrans.	0	kW (1)	$ 1.20	kW-mo.	0	0	kW (1)	$ 2.22		-	
25	Std. Bulk Trans Dmd. - Subtrans.	0	kW (1)	$ 0.48	kW-day	0	0	kW (1)	$ 0.88		-	
26	T-O-D Facilities Res. - Subtrans.	2,135,160	kW	$ 1.39	kW	2,967,873	2,135,160	kW	$ -	kW	-	
27	T-O-D Bulk Trans. Res. - Subtrans.	325,001	kW (1)	$ 1.20	kW-mo.	390,001	325,001	kW (1)	$ 2.22	kW-mo.	719,947	
28	T-O-D Bulk Trans Dmd. - Subtrans.	9,833,765	kW (1)	$ 0.48	kW-day	4,720,207	9,833,765	kW (1)	$ 0.88	kW-day	8,644,404	
29	Total	2,282,068	kW			8,675,997	2,282,068	kW			10,115,572	16.6%
30												
31												
32												
33												
34												
35												
36												
37	Note: Basic Service Charge under proposed rates reflects proposed daily charge.											
38	(1) Not included in Total.											
39												

Continued on Page 36

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule SBI Transferring to SBLDSU,SBLDTSU

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 36									
2										
3	Power Factor Charge Supplemental & Standby:									
4	Standard	0	MVARh	$ 2.01	-	0	MVARh	$ 2.01	-	
5	T-O-D Subtransmission	93,979	MVARh	$ 2.01	188,897.79	93,979	MVARh	$ 2.01	188,897.79	
6	Total	93,979	MVARh		188,897.79	93,979	MVARh		188,897.79	0.0%
7										
8	Power Factor Credit Supplemental & Standby:									
9	Standard	0	MVARh	(1.01)	-	0	MVARh	$ (1.01)	-	
10	T-O-D Subtransmission	42,522	MVARh	$ (1.01)	(42,947.22)	42,522	MVARh	$ (1.01)	(42,947.22)	
11	Total	42,522	MVARh		(42,947.22)	42,522	MVARh		(42,947.22)	0.0%
12										
13	Emergency Relay Charge - Supp.									
14	Standard	0	kW	$ 1.62	-	0	kW	$ 0.72	-	
15	T-O-D Subtransmission	0	kW	$ 1.62	-	0	kW	$ 0.72	-	
16	Total	0	kW		-	0	kW		-	0.0%
17										
18	Delivery Voltage Credit - Supplemental.:									
19	Standard	0	kW	$ (1.14)	-	0	kW	$ -	-	
20	T-O-D Subtransmission	146,908	kW	$ (1.14)	(167,475)	146,908	kW	$ -	-	
21	Delivery Voltage Credit. - Standby.:									
22	Standard	0	kW	$ (0.34)	-	0	kW	$ -	$ -	
23	T-O-D Subtransmission	2,135,160	kW	$ (0.34)	(725,954)	2,135,160	kW	$ -	-	
24	Total	2,282,068	kW		(893,430)	2,282,068	kW		-	-100.0%
25										
26	Metering Voltage Adjustment - Supplemental and Stanby.:									
27	Standard	0		-1.0%	0	0		0.0%	-	
28	T-O-D Subtransmission	13,676,049	$	-1.0%	(136,760.49)	0		0.0%	-	
29	Total	13,676,049	$		(136,760)	0	$		-	-100.0%
30										
31										
32										
33	Total Base Revenue:				$ 13,239,569				$ 15,236,743	15.1%
34										
35										
36										
37										
38										
39										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034 EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.
PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Rate Schedule LS-1,LS-2

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:	2,793	Bills	$ 10.52	29,382	84,954	Days	$ 0.70	59,468	102.4%
3										
4	Energy Charge	113,534	MWH	$ 23.73	2,694,162	113,534	MWH	$ 34.57	3,924,668	45.7%
5										
6										
7	Total Base Revenue:				$ 2,723,544				$ 3,984,135	46.3%
8										
9										
10										
11										
12										
13	NOTE:									
14	No current customer on LS-2									
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33	Note: Basic Service Charge under proposed rates reflects proposed daily charge.									
34										
35										
36										
37										
38										
39										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Calculate revenues under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities and those who do not. Annual KWH's must agree with the data provided in Schedule E-15.

Type of data shown:
XX Projected Test year Ended 12/31/2022
__ Projected Prior Year Ended 12/31/2021
__ Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility		Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates Total Revenue	Percent Increase
1	High Pressure Sodium - Dusk-to-Dawn Service													
2	Cobra (closed) 800	50 W	14,745	20	294,900	$ 3.16	$ 2.48	$ 5.64	83,162	$ 3.47	$ 2.48	$ 5.95	$ 87,806	5.6%
3	Cobra/Nema (closed) 802	70 W	23,727	29	688,083	$ 3.20	$ 2.11	$ 5.31	125,990	$ 3.52	$ 2.11	$ 5.63	$ 133,558	6.0%
4	Cobra/Nema (closed) 803	100 W	76,538	44	3,367,683	$ 3.63	$ 2.33	$ 5.96	456,168	$ 3.99	$ 2.33	$ 6.32	$ 483,859	6.1%
5	Cobra (closed) 804	150 W	24,552	66	1,620,432	$ 4.18	$ 2.02	$ 6.20	152,222	$ 4.60	$ 2.02	$ 6.62	$ 162,451	6.7%
6	Cobra (closed) 805	250 W	19,098	105	2,005,290	$ 4.87	$ 2.60	$ 7.47	142,662	$ 5.36	$ 2.60	$ 7.96	$ 151,932	6.5%
7	Cobra (closed) 806	400 W	7,182	163	1,170,666	$ 5.09	$ 2.99	$ 8.08	58,031	$ 5.60	$ 2.99	$ 8.59	$ 61,674	6.3%
8	Flood (closed) 468	250 W	2,240	105	235,200	$ 5.37	$ 2.60	$ 7.97	17,853	$ 5.91	$ 2.60	$ 8.51	$ 19,052	6.7%
9	Flood (closed) 478	400 W	3,076	163	501,388	$ 5.71	$ 3.00	$ 8.71	26,792	$ 6.28	$ 3.00	$ 9.28	$ 28,543	6.5%
10	Mongoose (closed) 809	400 W	272	163	44,336	$ 6.50	$ 3.02	$ 9.52	2,589	$ 7.15	$ 3.02	$ 10.17	$ 2,766	6.8%
11	Post Top (PT) (closed) 509	50 W	0	20	0	$ 3.98	$ 2.48	$ 6.46	0	$ 3.98	$ 2.48	$ 6.46	$ -	0.0%
12	Classic (PT) (closed) 570	100 W	6,764	44	297,616	$ 11.85	$ 1.89	$ 13.74	92,937	$ 13.03	$ 1.89	$ 14.92	$ 100,926	8.6%
13	Coach (PT) (closed) 810	70 W	5,400	29	156,600	$ 4.71	$ 2.11	$ 6.82	36,828	$ 5.18	$ 2.11	$ 7.29	$ 39,363	6.9%
14	Colonial (PT) (closed) 572	100 W	0	44	0	$ 11.75	$ 1.89	$ 13.64	0	$ 11.75	$ 1.89	$ 13.64	$ -	0.0%
15	Salem (PT) (closed) 573	100 W	14,348	44	631,312	$ 9.03	$ 1.89	$ 10.92	156,680	$ 9.93	$ 1.89	$ 11.82	$ 169,593	8.2%
16	Shoebox (closed) 550	100 W	2,730	44	120,120	$ 8.01	$ 1.89	$ 9.90	27,027	$ 8.81	$ 1.89	$ 10.70	$ 29,206	8.1%
17	Shoebox (closed) 566	250 W	1,116	106	118,296	$ 8.69	$ 3.18	$ 11.87	13,247	$ 9.56	$ 3.18	$ 12.74	$ 14,214	7.3%
18	Shoebox (closed) 552	400 W	0	163	0	$ 9.52	$ 2.44	$ 11.96	0	$ 9.52	$ 2.44	$ 11.96	$ -	0.0%
19	Subtotal this section								1,392,189				1,484,942	
20														
21														
22	Metal Halide - Dusk-to-Dawn Service													
23	Cobra (closed) 704	350 W		138	0	$ 7.53	$ 4.99	$ 12.52	$ -	$ 8.28	$ 4.99	$ 13.27	$ -	0.0%
24	Cobra (closed) 520	400 W	326	159	51,834	$ 6.03	$ 4.01	$ 10.04	$ 3,273.04	$ 6.63	$ 4.01	$ 10.64	$ 3,469	6.0%
25	Flood (closed)	350 W	0	138	0	$ 8.55	$ 5.04	$ 13.59	$ -	$ 9.40	$ 5.04	$ 14.44	$ -	0.0%
26	Flood (closed) 556	400 W	1,998	159	317,682	$ 8.36	$ 4.02	$ 12.38	$ 24,735.24	$ 9.19	$ 4.02	$ 13.21	$ 26,400	6.7%
27	Flood (closed)	1000 W	0	383	0	$ 10.50	$ 8.17	$ 18.67	$ -	$ 11.55	$ 8.17	$ 19.72	$ -	0.0%
28	General (PT) (closed)	150 W	0	67	0	$ 10.60	$ 3.92	$ 14.52	$ -	$ 11.66	$ 3.92	$ 15.58	$ -	0.0%
29	General (PT) (closed) 574	175 W	1,943	74	143,782	$ 10.89	$ 3.73	$ 14.62	$ 28,406.66	$ 11.98	$ 3.73	$ 15.71	$ 30,516	7.4%
30	Salem (PT) (closed) 700	150 W	297	67	19,899	$ 9.33	$ 3.92	$ 13.25	$ 3,935.25	$ 10.26	$ 3.92	$ 14.18	$ 4,211	7.0%
31	Salem (PT) (closed) 575	175 W	2,529	74	187,146	$ 9.38	$ 3.74	$ 13.12	$ 33,180.48	$ 10.31	$ 3.74	$ 14.05	$ 35,545	7.1%
32	Shoebox (closed)	150 W	0	67	0	$ 7.22	$ 3.92	$ 11.14	$ -	$ 7.94	$ 3.92	$ 11.86	$ -	0.0%
33	Shoebox (closed)	175 W	0	74	0	$ 7.95	$ 3.70	$ 11.65	$ -	$ 8.74	$ 3.70	$ 12.44	$ -	0.0%
34	Shoebox (closed) 703	350 W	69	138	9,522	$ 9.55	$ 4.93	$ 14.48	$ 999.12	$ 10.50	$ 4.93	$ 15.43	$ 1,065	0.0%
35	Shoebox (closed) 554	400 W	2,775	159	441,225	$ 10.02	$ 3.97	$ 13.99	$ 38,822.25	$ 11.02	$ 3.97	$ 14.99	$ 41,594	7.1%
36	Shoebox (closed)	1000 W	0	383	0	$ 16.50	$ 8.17	$ 24.67	$ -	$ 18.14	$ 8.17	$ 26.31	$ -	0.0%
37	Subtotal this section								$ 133,352				$ 142,799	
38														
39														
40														

Continued on Page 2

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Calculate revenues under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities and those who do not. Annual KWH's must agree with the data provided in Schedule E-15.

Type of data shown:
XX Projected Test year Ended 12/31/2022
__ Projected Prior Year Ended 12/31/2021
__ Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Line No.	Type of Facility		Annual Billing Items	Est. Monthly kWh	Annual kWh	LIGHTING SCHEDULE LS-1 Present Rates: Monthly Facility Charge	Monthly Maintenance Charge	Combined Monthly Charge	$ Total Revenue	LIGHTING SCHEDULE LS-1 Proposed Rates: Monthly Facility Charge	Monthly Maintenance Charge	Combined Monthly Charge	$ Total Revenue	Percent Increase
1	Continued from Page 1													
2	High Pressure Sodium - Timed Service													
3	Cobra (closed)	50 W	0	10	0	$ 3.16	$ 2.48	$ 5.64	$ -	$ 3.47	$ 2.48	$ 5.95	$ -	0.0%
4	Cobra/Nema (closed) 862	70 W	0	14	0	$ 3.20	$ 2.11	$ 5.31	$ -	$ 3.52	$ 2.11	$ 5.63	$ -	0.0%
5	Cobra/Nema (closed) 863	100 W	0	22	0	$ 3.63	$ 2.33	$ 5.96	$ -	$ 3.99	$ 2.33	$ 6.32	$ -	0.0%
6	Cobra (closed) 864	150 W	-	33	-	$ 4.18	$ 2.02	$ 6.20	$ -	$ 4.60	$ 2.02	$ 6.62	$ -	0.0%
7	Cobra (closed)	250 W	0	52	0	$ 4.87	$ 2.60	$ 7.47	$ -	$ 5.36	$ 2.60	$ 7.96	$ -	0.0%
8	Cobra (closed) 866	400 W	-	81	-	$ 5.09	$ 2.99	$ 8.08	$ -	$ 5.60	$ 2.99	$ 8.59	$ -	0.0%
9	Flood (closed)	250 W	0	52	0	$ 5.37	$ 2.60	$ 7.97	$ -	$ 5.91	$ 2.60	$ 8.51	$ -	0.0%
10	Flood (closed) 484	400 W	0	81	0	$ 5.71	$ 3.00	$ 8.71	$ -	$ 6.28	$ 3.00	$ 9.28	$ -	0.0%
11	Mongoose (closed) 869	400 W	59	81	4,779	$ 6.50	$ 3.02	$ 9.52	$ 562	$ 7.15	$ 3.02	$ 10.17	$ 599.90	6.8%
12	Post Top (PT) (closed)	50 W	0	10	0	$ 3.98	$ 2.48	$ 6.46	$ -	$ 3.98	$ 2.48	$ 6.46	$ -	0.0%
13	Classic (PT) (closed) 530	100 W	0	22	0	$ 11.85	$ 1.89	$ 13.74	$ -	$ 13.03	$ 1.89	$ 14.92	$ -	0.0%
14	Coach (PT) (closed)	70 W	0	14	0	$ 4.71	$ 2.11	$ 6.82	$ -	$ 5.18	$ 2.11	$ 7.29	$ -	0.0%
15	Colonial (PT) (closed)	100 W	0	22	0	$ 11.75	$ 1.89	$ 13.64	$ -	$ 11.75	$ 1.89	$ 13.64	$ -	0.0%
16	Salem (PT) (closed) 533	100 W	0	22	0	$ 9.03	$ 1.89	$ 10.92	$ -	$ 9.93	$ 1.89	$ 11.82	$ -	0.0%
17	Shoebox (closed)	100 W	0	22	0	$ 8.01	$ 1.89	$ 9.90	$ -	$ 8.81	$ 1.89	$ 10.70	$ -	0.0%
18	Shoebox (closed)	250 W	0	52	0	$ 8.69	$ 3.18	$ 11.87	$ -	$ 9.56	$ 3.18	$ 12.74	$ -	0.0%
19	Shoebox (closed)	400 W	0	81	0	$ 9.52	$ 2.44	$ 11.96	$ -	$ 9.52	$ 2.44	$ 11.96	$ -	0.0%
20	Subtotal this section								$ 562				$ 600	
21														
22	Metal Halide - Timed Service													
23	Cobra (closed)	350 W	0	69	0	$ 7.53	$ 4.99	$ 12.52	$ -	$ 8.28	$ 4.99	$ 13.27	$ -	0.0%
24	Cobra (closed)	400 W	0	79	0	$ 6.03	$ 4.01	$ 10.04	$ -	$ 6.63	$ 4.01	$ 10.64	$ -	0.0%
25	Flood (closed)	350 W	0	69	0	$ 8.55	$ 5.04	$ 13.59	$ -	$ 9.40	$ 5.04	$ 14.44	$ -	0.0%
26	Flood (closed)	400 W	0	79	0	$ 8.36	$ 4.02	$ 12.38	$ -	$ 9.19	$ 4.02	$ 13.21	$ -	0.0%
27	Flood (closed) 578	1000 W	7	191	1,337	$ 10.50	$ 8.17	$ 18.67	$ 131	$ 11.55	$ 8.17	$ 19.72	$ 138.02	5.6%
28	General (PT) (closed)	150 W	0	34	0	$ 10.60	$ 3.92	$ 14.52	$ -	$ 11.66	$ 3.92	$ 15.58	$ -	0.0%
29	General (PT) (closed) 548	175 W	84	37	3,108	$ 10.89	$ 3.73	$ 14.62	$ 1,228	$ 11.98	$ 3.73	$ 15.71	$ 1,319.25	7.4%
30	Salem (PT) (closed)	150 W	0	34	0	$ 9.33	$ 3.92	$ 13.25	$ -	$ 10.26	$ 3.92	$ 14.18	$ -	0.0%
31	Salem (PT) (closed)	175 W	0	37	0	$ 9.38	$ 3.74	$ 13.12	$ -	$ 10.31	$ 3.74	$ 14.05	$ -	0.0%
32	Shoebox (closed)	150 W	0	34	0	$ 7.22	$ 3.92	$ 11.14	$ -	$ 7.94	$ 3.92	$ 11.86	$ -	0.0%
33	Shoebox (closed)	175 W	0	37	0	$ 7.95	$ 3.70	$ 11.65	$ -	$ 8.74	$ 3.70	$ 12.44	$ -	0.0%
34	Shoebox (closed)	350 W	0	69	0	$ 9.55	$ 4.93	$ 14.48	$ -	$ 10.50	$ 4.93	$ 15.43	$ -	0.0%
35	Shoebox (closed)	400 W	0	79	0	$ 10.02	$ 3.97	$ 13.99	$ -	$ 11.02	$ 3.97	$ 14.99	$ -	0.0%
36	Shoebox (closed)	1000 W	0	191	0	$ 16.50	$ 8.17	$ 24.67	$ -	$ 18.14	$ 8.17	$ 26.31	$ -	0.0%
37	Subtotal this section								1,359				1,457	
38														
39														
40										-				

Continued on Page 3

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13d | REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION | Page 3 of 6

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Calculate revenues under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities and those who do not. Annual KWH's must agree with the data provided in Schedule E-15.

Type of data shown:
XX Projected Test year Ended 12/31/2022
__ Projected Prior Year Ended 12/31/2021
__ Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

Line No.	Type of Facility		Annual Billing Items	Est. Monthly kWh	Annual kWh	LIGHTING SCHEDULE LS-1 Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	LIGHTING SCHEDULE LS-1 Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 2													
2	Closed LED - Dusk-to-Dawn Service													
3	Roadway (closed) 828	56 W	20,801	20	416,018	7.27	1.74	$ 9.01	$ 187,416	$ 7.99	$ 1.74	$ 9.73	$ 202,488	0.0%
4	Roadway (closed) 820	103 W	29,469	36	1,060,875	11.15	1.19	$ 12.34	$ 363,644	$ 12.26	$ 1.19	$ 13.45	$ 396,393	9.0%
5	Roadway (closed) 821	106 W	351	37	12,978	11.15	1.20	$ 12.35	$ 4,332	$ 12.26	$ 1.20	$ 13.46	$ 4,722	9.0%
6	Roadway (closed) 829	157 W	5,304	55	291,725	11.10	2.26	$ 13.36	$ 70,863	$ 12.21	$ 2.26	$ 14.47	$ 76,731	8.3%
7	Roadway (closed) 822	196 W	300	69	20,698	14.58	1.26	$ 15.84	$ 4,751	$ 16.03	$ 1.26	$ 17.29	$ 5,187	9.2%
8	Roadway (closed) 823	206 W	25,724	72	1,852,108	16.80	1.38	$ 18.18	$ 467,657	$ 18.47	$ 1.38	$ 19.85	$ 510,730	9.2%
9	Post Top (PT) (closed) 835	60 W	8,244	21	173,123	16.53	2.28	$ 18.81	$ 155,069	$ 18.18	$ 2.28	$ 20.46	$ 168,651	0.0%
10	Post Top (PT) (closed) 824	67 W	39,795	24	955,091	19.67	1.54	$ 21.21	$ 844,061	$ 21.63	$ 1.54	$ 23.17	$ 922,079	9.2%
11	Post Top (PT) (closed) 825	99 W	13,773	35	482,067	20.51	1.56	$ 22.07	$ 303,978	$ 22.55	$ 1.56	$ 24.11	$ 332,133	9.3%
12	Post Top (PT) (closed) 836	100 W	2,352	35	82,318	16.70	2.28	$ 18.98	$ 44,640	$ 18.36	$ 2.28	$ 20.64	$ 48,555	8.8%
13	Area-Lighter (closed) 830	152 W	1,824	53	96,670	14.85	2.51	$ 17.36	$ 31,664	$ 16.33	$ 2.51	$ 18.84	$ 34,364	8.5%
14	Area-Lighter (closed) 826	202 W	7,860	71	558,059	19.10	1.41	$ 20.51	$ 161,208	$ 21.00	$ 1.41	$ 22.41	$ 176,171	0.0%
15	Area-Lighter (closed) 827	309 W	65,512	108	7,075,327	20.60	1.55	$ 22.15	$ 1,451,097	$ 22.65	$ 1.55	$ 24.20	$ 1,585,604	0.0%
16	Flood (closed) 831	238 W	2,328	83	193,240	15.90	3.45	$ 19.35	$ 45,051	$ 17.48	$ 3.45	$ 20.93	$ 48,740	0.0%
17	Flood (closed) 832	359 W	15,378	126	1,937,592	19.16	4.10	$ 23.26	$ 357,686	$ 21.07	$ 4.10	$ 25.17	$ 387,051	8.2%
18	Mongoose (closed) 833	245 W	492	86	42,318	14.71	3.04	$ 17.75	$ 8,734	$ 16.18	$ 3.04	$ 19.22	$ 9,456	0.0%
19	Mongoose (closed) 834	328 W	264	115	30,360	16.31	3.60	$ 19.91	$ 5,256	$ 17.94	$ 3.60	$ 21.54	$ 5,685	0.0%
20	Subtotal this section								4,507,107				4,914,739	
21	Closed LED - Timed Service									$ -				
22	Roadway (closed) 848	56 W	168	10	1,680	$ 7.27	$ 1.74	$ 9.01	$ 1,514	$ 7.99	$ 1.74	$ 9.73	$ 1,635	8.0%
23	Roadway (closed)	103 W	0	18	0	$ 11.15	$ 1.19	$ 12.34	$ -	$ 11.15	$ 1.19	$ 12.34	$ -	0.0%
24	Roadway (closed) 841	106 W	48	19	912	$ 11.15	$ 1.20	$ 12.35	$ 593	$ 12.26	$ 1.20	$ 13.46	$ 646	9.0%
25	Roadway (closed)	157 W	0	27	0	$ 11.10	$ 2.26	$ 13.36	$ -	$ 11.10	$ 2.26	$ 13.36	$ -	0.0%
26	Roadway (closed)	196 W	0	34	0	$ 14.58	$ 1.26	$ 15.84	$ -	$ 14.58	$ 1.26	$ 15.84	$ -	0.0%
27	Roadway (closed)	206 W	0	36	0	$ 16.80	$ 1.38	$ 18.18	$ -	$ 16.80	$ 1.38	$ 18.18	$ -	0.0%
28	Post Top (PT) (closed)	60 W	0	11	0	$ 16.53	$ 2.28	$ 18.81	$ -	$ 16.53	$ 2.28	$ 18.81	$ -	0.0%
29	Post Top (PT) (closed) 844	67 W	48	12	576	$ 19.67	$ 1.54	$ 21.21	$ 1,018	$ 21.63	$ 1.54	$ 23.17	$ 1,112	9.2%
30	Post Top (PT) (closed)	99 W	0	17	0	$ 20.51	$ 1.56	$ 22.07	$ -	$ 20.51	$ 1.56	$ 22.07	$ -	0.0%
31	Post Top (PT) (closed)	100 W	0	18	0	$ 16.70	$ 2.28	$ 18.98	$ -	$ 16.70	$ 2.28	$ 18.98	$ -	0.0%
32	Area-Lighter (closed)	152 W	0	27	0	$ 14.85	$ 2.51	$ 17.36	$ -	$ 14.85	$ 2.51	$ 17.36	$ -	0.0%
33	Area-Lighter (closed) 846	202 W	156	35	5,460	$ 19.10	$ 1.41	$ 20.51	$ 3,200	$ 21.00	$ 1.41	$ 22.41	$ 3,497	9.3%
34	Area-Lighter (closed) 847	309 W	264	54	14,256	$ 20.60	$ 1.55	$ 22.15	$ 5,848	$ 22.65	$ 1.55	$ 24.20	$ 6,390	9.3%
35	Flood (closed)	238 W	0	42	0	$ 15.90	$ 3.45	$ 19.35	$ -	$ 15.90	$ 3.45	$ 19.35	$ -	0.0%
36	Flood (closed)	359 W	0	63	0	$ 19.16	$ 4.10	$ 23.26	$ -	$ 19.16	$ 4.10	$ 23.26	$ -	0.0%
37	Mongoose (closed)	245 W	0	43	0	$ 14.71	$ 3.04	$ 17.75	$ -	$ 14.71	$ 3.04	$ 17.75	$ -	0.0%
38	Mongoose (closed)	328 W	0	115	0	$ 16.31	$ 3.60	$19.91	$ -	$ 16.31	$ 3.60	$ 19.91	$ -	0.0%
39									$ 12,172				$ 13,280	
40														

Continued on Page 4

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Calculate revenues under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities and those who do not. Annual KWH's must agree with the data provided in Schedule E-15.

Type of data shown:

XX Projected Test year Ended 12/31/2022

__ Projected Prior Year Ended 12/31/2021

__ Historical Prior Year Ended 12/31/2020

Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility		Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 3													
2	Open LED - Dusk-to-Dawn Service													
3	Roadway 912	27 W	170,071	9	1,530,636	$ 4.83	$ 1.74	$ 6.57	$ 1,117,364	$ 5.41	$ 1.74	$ 7.15	$ 1,215,393	8.8%
4	Roadway 914	47 W	1,016,905	16	16,270,472	$ 5.97	$ 1.74	$ 7.71	$ 7,840,334	$ 6.61	$ 1.74	$ 8.35	$ 8,486,086	8.2%
5	Roadway/Area 921	88 W	25,119	31	778,677	$ 8.97	$ 1.74	$ 10.71	$ 269,020	$ 9.89	$ 1.74	$ 11.63	$ 292,230	8.6%
6	Roadway 926	105 W	158,412	37	5,861,259	$ 6.83	$ 1.19	$ 8.02	$ 1,270,467	$ 7.43	$ 1.19	$ 8.62	$ 1,365,631	7.5%
7	Roadway/Area 932	133 W	25,788	47	1,212,045	$ 14.15	$ 1.38	$ 15.53	$ 400,491	$ 15.10	$ 1.38	$ 16.48	$ 424,997	6.1%
8	Area-Lighter 935	143 W	777	50	38,850	$ 11.74	$ 1.41	$ 13.15	$ 10,218	$ 12.90	$ 1.41	$ 14.31	$ 11,119	8.8%
9	Roadway 937	145 W	197,882	51	10,091,962	$ 8.61	$ 2.26	$ 10.87	$ 2,150,973	$ 9.73	$ 2.26	$ 11.99	$ 2,372,233	10.3%
10	Roadway 941	182 W	174,612	64	11,175,194	$ 11.81	$ 2.51	$ 14.32	$ 2,500,450	$ 12.97	$ 2.51	$ 15.48	$ 2,702,490	8.1%
11	Area-Lighter 945	247 W	46,458	86	3,995,397	$ 16.07	$ 2.51	$ 18.58	$ 863,191	$ 17.45	$ 2.51	$ 19.96	$ 927,381	7.4%
12	Area-Lighter 947	330 W	27,524	116	3,192,796	$ 20.13	$ 1.55	$ 21.68	$ 596,722	$ 22.01	$ 1.55	$ 23.56	$ 648,366	8.7%
13	Flood 951	199 W	38,772	70	2,714,019	$ 11.12	$ 3.45	$ 14.57	$ 564,904	$ 12.69	$ 3.45	$ 16.14	$ 625,710	10.8%
14	Flood 953	255 W	15,497	89	1,379,215	$ 21.48	$ 4.10	$ 25.58	$ 396,408	$ 22.82	$ 4.10	$ 26.92	$ 417,187	5.2%
15	Mongoose 956	225 W	6,586	79	520,255	$ 11.78	$ 3.04	$ 14.82	$ 97,597	$ 12.68	$ 3.04	$ 15.72	$ 103,551	6.1%
16	Mongoose 958	333 W	348	117	40,716	$ 17.84	$ 3.60	$ 21.44	$ 7,461	$ 19.52	$ 3.60	$ 23.12	$ 8,045	7.8%
17	Granville (PT) 965	26 W	44,079	9	396,711	$ 5.80	$ 2.28	$ 8.08	$ 356,158	$ 6.48	$ 2.28	$ 8.76	$ 386,047	8.4%
18	Granville (PT) 967	39 W	90,838	14	1,271,733	$ 13.35	$ 2.28	$ 15.63	$ 1,419,800	$ 14.55	$ 2.28	$ 16.83	$ 1,528,857	7.7%
19	Granville (PT) Enh 967 ENH aka 968	39 W	22,114	14	309,594	$ 15.35	$ 2.28	$ 17.63	$ 389,867	$ 16.39	$ 2.28	$ 18.67	$ 412,864	5.9%
20	Salem (PT) 971	55 W	273,314	19	5,192,968	$ 10.95	$ 1.54	$ 12.49	$ 3,413,693	$ 11.88	$ 1.54	$ 13.42	$ 3,668,248	7.5%
21	Granville (PT) 972	60 W	962	21	20,210	$ 14.62	$ 2.28	$ 16.90	$ 16,265	$ 15.36	$ 2.28	$ 17.64	$ 16,974	4.4%
22	Granville (PT) Enh 972 ENH aka 973	60 W	48	21	1,008	$ 16.62	$ 2.28	$ 18.90	$ 907	$ 18.15	$ 2.28	$ 20.43	$ 980	8.1%
23	Salem (PT) 975	76 W	33,550	27	905,843	$ 13.17	$ 1.54	$ 14.71	$ 493,517	$ 14.04	$ 1.54	$ 15.58	$ 522,793	5.9%
24	Subtotal this section								$ 24,175,807				$ 26,137,183	
25	Open LED - Timed Service													
26	Roadway 981	27 W	293	5	1,464	$ 4.83	$ 1.74	$ 6.57	$ 1,924	$ 5.51	$ 1.74	$ 7.25	$ 2,122	10.3%
27	Roadway 982	105 W	144	18	2,592	$ 6.83	$ 1.19	$ 8.02	$ 1,155	$ 7.67	$ 1.19	$ 8.86	$ 1,276	10.5%
28	Roadway 983	182 W	701	32	22,428	$ 11.81	$ 2.51	$ 14.32	$ 10,037	$ 12.98	$ 2.51	$ 15.49	$ 10,855	8.1%
29	Area-Lighter 984	330 W	144	58	8,353	$ 20.13	$ 1.55	$ 21.68	$ 3,122	$ 22.07	$ 1.55	$ 23.62	$ 3,402	9.0%
30	Flood 985	199 W	60	35	2,100	$ 11.12	$ 3.45	$ 14.57	$ 874	$ 12.46	$ 3.45	$ 15.91	$ 954	9.2%
31	Flood 986	255 W	77	45	3,465	$ 21.48	$ 4.10	$ 25.58	$ 1,970	$ 23.72	$ 4.10	$ 27.82	$ 2,142	8.8%
32	Mongoose 987	225 W	14	39	546	$ 11.78	$ 3.04	$ 14.82	$ 207	$ 13.32	$ 3.04	$ 16.36	$ 229	10.4%
33	Granville (PT) 988	39 W	28	7	193	$ 13.35	$ 2.28	$ 15.63	$ 431	$ 14.37	$ 2.28	$ 16.65	$ 459	6.5%
34	Granville (PT) Enh 988 ENH aka 989	39 W	8	7	59	$ 15.35	$ 2.28	$ 17.63	$ 149	$ 16.88	$ 2.28	$ 19.16	$ 162	8.7%
35	Salem (PT) 990	76 W	720	13	9,360	$ 13.17	$ 1.54	$ 14.71	$ 10,591	$ 14.76	$ 1.54	$ 16.30	$ 11,738	10.8%
36									$ 30,460				$ 33,339	
37	Total Fixtures and kWh		2,824,174		94,685,804				$ 30,240,836	$30,253,011			$ 32,715,059	8.2%
38														
39														
40										$12,175				

Continued on Page 5

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Calculate revenues under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities and those who do not. Annual KWH's must agree with the data provided in Schedule E-15.

Type of data shown:
XX Projected Test year Ended 12/31/2022
__ Projected Prior Year Ended 12/31/2021
__ Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility		Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 4													
2	Pole/Wire													
3	Wood - 30 ft. (inaccessible) (closed) 425	OH wire	395			$ 6.03	$ 0.17	$ 6.20	$ 2,449	$ 6.88	$ 0.17	$ 7.05	$ 2,785	13.7%
4	Wood - 30 ft. 626	OH wire	210,441			$ 2.61	$ 0.17	$ 2.78	$ 585,025	$ 2.97	$ 0.17	$ 3.14	$ 659,760	12.8%
5	Wood - 35 ft. 627	OH wire	211,092			$ 2.95	$ 0.17	$ 3.12	$ 658,606	$ 3.54	$ 0.17	$ 3.71	$ 782,943	18.9%
6	Wood - up to 45 ft. 597	OH wire	19,973			$ 6.64	$ 0.31	$ 6.95	$ 138,815	$ 7.51	$ 0.31	$ 7.82	$ 156,128	12.5%
7	Std. Concrete - 35 ft. 637	OH wire	56,404			$ 5.34	$ 0.17	$ 5.51	$ 310,784	$ 6.63	$ 0.17	$ 6.80	$ 383,671	23.5%
8	Std. Concrete - up to 45 ft. 594	OH wire	13,859			$ 10.00	$ 0.31	$ 10.31	$ 142,884	$ 11.56	$ 0.31	$ 11.87	$ 164,458	15.1%
9	Std. Concrete - 16ft. 599	UG wire	608			$ 16.03	$ 0.14	$ 16.17	$ 9,828	$ 17.21	$ 0.14	$ 17.35	$ 10,547	7.3%
10	Std. Concrete - 25 or 30 ft. 595	UG wire	4,700			$ 21.54	$ 0.14	$ 21.68	$ 101,892	$ 23.71	$ 0.14	$ 23.85	$ 112,099	10.0%
11	Std. Concrete - 35 ft. 588	UG wire	146,280			$ 23.58	$ 0.34	$ 23.92	$ 3,499,018	$ 24.68	$ 0.34	$ 25.02	$ 3,659,220	4.6%
12	Std. Concrete - 35 ft. (70-100 W or up to 100 ft span) (closed) 607	UG wire	376,191			$ 11.33	$ 0.34	$ 11.67	$ 4,390,146	$ 14.25	$ 0.34	$ 14.59	$ 5,490,218	25.1%
13	Std. Concrete - 35 ft. (150 W or 100-150 ft span) (closed) 612	UG wire	50,091			$ 15.38	$ 0.34	$ 15.72	$ 787,434	$ 19.55	$ 0.34	$ 19.89	$ 996,459	26.5%
14	Std. Concrete - 35 ft. (250 W - 400 W or above 150 ft span) (closed) 614	UG wire	44,437			$ 23.24	$ 0.34	$ 23.58	$ 1,047,826	$ 25.74	$ 0.34	$ 26.08	$ 1,158,976	10.6%
15	Std. Concrete - up to 45 ft. 596	UG wire	19,639			$ 27.71	$ 0.14	$ 27.85	$ 546,952	$ 29.21	$ 0.14	$ 29.35	$ 576,446	5.4%
16	Round Concrete - 23 ft. 523	UG wire	1,283			$ 20.42	$ 0.14	$ 20.56	$ 26,370	$ 25.43	$ 0.14	$ 25.57	$ 32,789	24.3%
17	Tall Waterford - 35 ft. (Concrete) 591	UG wire	15,764			$ 28.82	$ 0.14	$ 28.96	$ 456,537	$ 34.12	$ 0.14	$ 34.26	$ 540,048	18.3%
18	Victorian (PT) (Concrete) 592	UG wire	7,808			$ 24.58	$ 0.14	$ 24.72	$ 193,009	$ 29.61	$ 0.14	$ 29.75	$ 232,281	20.3%
19	Winston (PT) (Concrete) 593	UG wire	48,561			$ 13.72	$ 1.10	$ 14.82	$ 719,675	$ 15.55	$ 1.10	$ 16.65	$ 808,661	12.4%
20	Waterford (PT) (Concrete) 583	UG wire	5,500			$ 21.16	$ 0.14	$ 21.30	$ 117,141	$ 23.27	$ 0.14	$ 23.41	$ 128,767	9.9%
21	Aluminum - 10 ft. (closed) 422	UG wire	1,043			$ 7.83	$ 1.30	$ 9.13	$ 9,518	$ 9.69	$ 1.30	$ 10.99	$ 11,452	20.3%
22	Aluminum - 27 ft. 616	UG wire	7,652			$ 27.86	$ 0.34	$ 28.20	$ 215,781	$ 29.81	$ 0.34	$ 30.15	$ 230,715	6.9%
23	Aluminum - 28 ft. 615	UG wire	31,231			$ 11.79	$ 0.34	$ 12.13	$ 378,831	$ 12.70	$ 0.34	$ 13.04	$ 407,097	7.5%
24	Aluminum - 37 ft. 622	UG wire	3,912			$ 40.07	$ 0.34	$ 40.41	$ 158,084	$ 43.17	$ 0.34	$ 43.51	$ 170,226	7.7%
25	Waterside (Aluminum) 623	UG wire	0			$ 37.44	$ 3.85	$ 41.29	$ -	$ 36.60	$ 3.85	$ 40.45	$ -	0.0%
26	Aluminum - (PT) (closed) 584	UG wire	1,706			$ 17.02	$ 1.10	$ 18.12	$ 30,912	$ 18.22	$ 1.10	$ 19.32	$ 32,962	6.6%
27	Capitol (PT) (Aluminum) (closed) 581	UG wire	551			$ 26.70	$ 1.10	$ 27.80	$ 15,318	$ 27.92	$ 1.10	$ 29.02	$ 15,988	4.4%
28	Charleston (PT) (Aluminum) 586	UG wire	208,732			$ 20.43	$ 1.10	$ 21.53	$ 4,493,989	$ 21.51	$ 1.10	$ 22.61	$ 4,718,630	5.0%
29	Charleston Banner (PT) (Aluminum) 585	UG wire	860			$ 26.51	$ 1.10	$ 27.61	$ 23,739	$ 27.89	$ 1.10	$ 28.99	$ 24,923	5.0%
30	Charleston HD (PT) (Aluminum) 590	UG wire	350			$ 23.22	$ 1.10	$ 24.32	$ 8,522	$ 24.69	$ 1.10	$ 25.79	$ 9,037	6.0%
31	Heritage (PT)(Aluminum) (closed) 580	UG wire	1,785			$ 19.63	$ 1.10	$ 20.73	$ 37,003	$ 20.88	$ 1.10	$ 21.98	$ 39,237	6.0%
32	Riviera (PT) (Aluminum) (closed)	UG wire	0			$ 20.56	$ 1.10	$ 21.66	$ -	$ 20.50	$ 1.10	$ 21.60	$ -	0.0%
33	Steel - 30 ft. (closed) 589	UG wire	1,584			$ 39.21	$ 1.68	$ 40.89	$ 64,770	$ 41.27	$ 1.68	$ 42.95	$ 68,038	5.0%
34	Fiberglass (PT) - 16 ft. (closed) 624	UG wire	49,515			$ 7.12	$ 1.30	$ 8.42	$ 416,920	$ 9.36	$ 1.30	$ 10.66	$ 528,064	26.7%
35	Winston (closed)	UG wire	200,153			$13.72	$ 1.10	$ 14.82	$ 2,966,264	$ 15.06	$ 1.10	$ 16.16	$ 3,234,958	9.1%
36														
37														
38														
39														
40														

Continued on Page 6

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13d | REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION | Page 6 of 6

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Calculate revenues under present and proposed rates for the test year for each lighting schedule. Show revenues from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures. Show separately revenues from customers who own facilities and those who do not. Annual KWH's must agree with the data provided in Schedule E-15.

Type of data shown:
XX Projected Test year Ended 12/31/2022
__ Projected Prior Year Ended 12/31/2021
__ Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility		Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 5													
2														
3	Franklin Composite 525	UG wire	35,384			$ 23.91	$ 1.10	$ 25.01	$ 884,964	$ 24.58	$ 1.10	$ 25.68	$ 908,780	2.7%
4	Existing Pole 641	UG wire	536			$ 4.95	$ 0.34	$ 5.29	$ 2,834	$ 5.28	$ 0.34	$ 5.62	$ 3,010	6.2%
5	Total Pole/Wire		1,778,018						$ 23,441,841				$ 26,299,372	12.2%
6														
7														
8	Miscellaneous Lighting Facilities													
9	Timer		120			$7.54	$1.43	$ 8.97	$ 1,076	$ 8.29	$ 1.43	$ 9.72	$ 1,167	8.4%
10	Post Top Bracket (for additional post top fixtures)		2,475			$4.27	$0.06	$ 4.33	$ 10,718	$ 4.70	$ 0.06	$ 4.76	$ 11,771	9.8%
11	Ybor Contract Lights		324			$15.26	$16.44	$ 31.70	$ 10,271	$ 15.26	$ 16.44	$ 31.70	$ 10,271	0.0%
12	Total Miscellaneous Lighting Facilities		2,919						$ 22,065				$ 23,208	5.2%
13														
14														
15														
16														
17														
18	Total Base Revenue								$53,704,742				$ 59,037,640	9.9%
19									$53,716,917				59,050,920	
20														
21								DIFF	-12175					
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														
33														
34														
35														
36														
37														
38														
39														
40														

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide proposed tariff sheets highlighting changes in legislative format from existing tariff provisions. For each charge, reference by footnote unit costs as shown on Schedules E-6b and E-7, if applicable. Indicate whether unit costs are calculated at the class or system rate of return. On separate attachment explain any differences between unit costs and proposed charges. Provide the derivation (calculation and assumptions) of all charges and credits other than those for which unit costs are calculated in these MFR schedules, including those charges and credits the company proposes to continue at the present level. Workpapers for street and outdoor lighting rates, T-O-U rates and standard energy charges shall be furnished under separate cover to staff, Commissioners, and the Commission Clerk and upon request to other parties to the docket.

Type of data shown:

XX Projected Test year Ended 12/31/2022

Projected Prior Year Ended 12/31/2021

Historical Prior Year Ended 12/31/2020

Witness: W. R. Ashburn

Line No.		Page No.
1		
2		
3		
4		
5	Revised Tariff Sheets in Legislative Format	2
6		
7	Supplement A - Comparison of Rate Charges and Unit Costs at System ROR	117
8		
9	Supplement B - Derivation (Calculations and Assumptions) of Other Charges and Credits	128
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
32		
33		
34		
35		
36		

Supporting Schedules:

Recap Schedules: A-3

TAMPA ELECTRIC
TECO
TAMPA ELECTRIC
AN EMERA COMPANY

SERVICE CHARGES

1. For purposes of all these charges, normal working hours are Monday through Friday, 7:00 a.m. to 6:00 p.m., excluding holidays.

An Initial Connection Charge of $~~75~~112.00 is applicable for the initial establishment of service to a premises. Initial connect may only occur during normal working hours.

2.

~~1. The appropriate~~A Connection Charge ~~shown below~~ shall apply to the subsequent re-establishment of service to a premises for which service has not been disconnected due to non-payment or violation of Company or Commission Rules. ~~For purposes of these charges, normal working hours are Monday through Friday, 7:00 a.m. to 6:00 p.m., excluding holidays.~~

3.

~~a.~~ A Connection Charge of $~~28~~10.00 shall apply to the re-establishment of service to a premises. ~~The service work will be performed~~

a.

For all customers who have remote connect capability in their meter, and who contact Tampa Electric during normal working hours ~~on the next business day following the customer's request for~~, can schedule this service for same day, Saturdays, Sundays and Holidays. Service times will be scheduled by Tampa Electric.

b.

~~b.~~c. This service ~~unless the customer requests a later service date.~~is not available for Opt-Out customers and for all other customers who do not have remote connect capability in their meter except during normal working hours.

~~c. A Connection Charge of $75.00 shall apply to the re-establishment of service to a premises performed by the Company to accommodate a special request by the customer for same day service. Such special request must be made prior to 6:00 p.m. of that day.~~

~~d. A Connection Charge of $300.00 shall apply to the re-establishment of service to a premises performed by the Company on a Saturday, between 8:00 a.m. and 12:00 noon, to accommodate a special request by the customer for service during that time.~~

~~2.~~4. ~~The appropriate~~A Reconnect after Disconnect Charge ~~shown below~~ shall apply to the re-establishment of service after service has been disconnected due to non-payment or violation of Company or Commission Rules~~:~~. Service under these charges will only occur once payment of the un-paid amount owed has been received by Tampa Electric. or the violation has been corrected.

~~a.~~ For service which has been disconnected at the point of metering, the Reconnect after Disconnect Charge is $~~55~~12.00.

a. For all customers who have remote connect capability in their meter, and who contact Tampa Electric during normal working hours, can schedule this service for same day, Saturdays, Sundays and Holidays. Service times will be scheduled by Tampa Electric.

b. This Reconnect after Disconnect service at the point of metering is not available for Opt-Out customers and for all other customers who do not have remote connect capability in their meter except during normal working hours.

c. For service which has been disconnected at a point distant from the meter, the Reconnect after Disconnect Charge is $~~165.00.~~ 185.00. This service is only available during normal working hours.

~~b.~~d.

~~3.~~5. A Field Visit Charge of $25.00 may be assessed and applied to the customer's first billing for service at a particular premises following the occurrence of any of the events described below:

Continued to Sheet No. 3.032

Continued from Sheet No. 3.030

a. A Company representative visits the premises for the purpose of disconnecting service due to non-payment and instead makes other payment arrangements with the customer.
b. The customer has requested service to be initially connected or reconnected and the Company upon arrival finds the premises is not in a state of readiness or acceptable condition to be energized.
c. The customer or his representative has made an appointment with the Company to discuss the design, location, or alteration of his service arrangement at the premise and the Company maintains such an appointment, but finds the customer/representative is not present for such discussion.

5. A Returned Check Charge as allowed by Florida Statute 68.065 shall apply for each check or draft dishonored by the bank upon which it is drawn. Termination of service shall not be made for failure to pay the Returned Check Charge.

6. Charges for services due and rendered which are unpaid as of the past due date are subject to a Late Payment Charge. The Late Payment Charge for non-governmental accounts shall be the greater of $5.00 or 1.5% for late payments over $10.00 and 1.5% for late payments $10.00 or less. Accounts of federal, state, and local governmental agencies and instrumentalities are subject to a Late Payment Charge at a rate no greater than allowed, and in a manner permitted, by applicable law.

7. A Tampering Charge of $~~55.00~~50.00 is applicable to a customer for whom the Company deems has undertaken unauthorized use of service and for whom the Company has not elected to pursue full recovery of investigative costs and damages as a result of the unauthorized use. This charge is in addition to any other service charges which may be applicable.

COMMERCIAL AND INDUSTRIAL ENERGY ANALYSIS

Upon request, Tampa Electric Company will make an inspection of a customer's commercial or industrial facility and give the customer a written report of the demand and/or energy saving improvements that can be made.

This report will show the estimated first year savings based on implementation of the survey's recommendation.

A $15.00 fee will be charged for providing energy audits to customers on Rate Schedules GS or GST.

A $45.00 fee will be charged for providing energy audits to customers on Rate Schedules GSD, GSDT, ~~SBF~~SBD, ~~SBFT~~SBDT, ~~IS, IST, and SBI~~ whose monthly demands are less than 1,000 kW.

A $75.00 fee will be charged for providing energy audits to customers on Rate Schedules GSLDPR, GSLDSU, GSLDTPR, GSLDTSU, SBLDPR, SBLDSU, SBLDTPR, SBLDTSU and any GSD, GSDT, ~~SBF~~SBD, ~~SBFT~~SBDT, ~~IS, IST, and SBI~~ whose monthly demands are 1,000 kW or higher.

Recommendations may be made, as a result of these audits, that will require additional analysis and evaluation. They will be provided for the customer's consideration. When this occurs, the customer should contact an outside consultant, or contractor for further study. If the customer requests Tampa Electric Company to perform the additional evaluation, the customer will be notified of an incremental testing cost and agree to the procedure and expense before testing begins.

STANDBY GENERATOR RIDER

SCHEDULE: GSSG-1

AVAILABLE: At the option of the customer, available to commercial and industrial customers on rate schedule GSD, GSDT, ~~SBF~~SBD, and ~~SBFT~~ SBDT who sign a Tariff Agreement for the Provision of Standby Generator Transfer Service.

CHARACTER OF SERVICE: Upon notification by Tampa Electric Company, electric service to all or a portion of the customer's firm load will be transferred by the customer to a standby generator(s) for service.

MONTHLY CREDITS: Credits will be applied each billing period to the regular bill submitted under the GSD, GSDT, ~~SBF~~SBD, or ~~SBFT~~ SBDT rate schedule, for credits generated in the previous billing period.

Credit:

$5.35/KW/Month payment for Average Transferable Demand of a customer's load to a standby generator(s).

INITIAL TRANSFERABLE DEMAND: To begin participation under this tariff, Initial Transferable Demand will be determined by Tampa Electric in the field at the customer's site by transferring the customer's normal load to the standby generator(s).

AVERAGE TRANSFERABLE DEMAND: For a control month, Transferable Demand is calculated by totaling the KWH produced by the standby generator(s) during all the control(s) in the month divided by the total control hours in the month (less the 30 minute customer response time to transfer load per control). This demand is then averaged with the calculated Transferable Demands from the previous service months (for a maximum of eleven) to determine the Average Transferable Demand. For non-control months, the Average Transferable Demand is the average of the calculated Transferable Demands of the previous twelve months.

NOTIFICATION SCHEDULE: All time periods stated in clock time. (Meters are programmed to automatically adjust for changes from standard to daylight savings time and vice versa.)

Normally the Company will notify customers to transfer load to standby generator(s) during the prime hours. These periods are:

Continued to Sheet No. 3.201

TECO TAMPA ELECTRIC AN EMERA COMPANY

TECO TAMPA ELECTRIC

GENERAL SERVICE
INDUSTRIAL LOAD MANAGEMENT RIDER

SCHEDULE: GSLM-2

APPLICABLE: At the option of the customer, to commercial and industrial customers on rate schedules GSD, GSDT, ~~IS, or IST~~ GSLDPR, GSLDSU, GSLDTPR and GSLDTSU who sign a Tariff Agreement for the Purchase of Industrial Load Management Rider Service. ~~Required for customers taking service under rate schedules IS and IST.~~

MINIMUM QUALIFICATION: The minimum interruptible service provided under this rider is 500 kW.

LIMITATION OF SERVICE: The electric energy supplied under this schedule is subject to immediate and total interruption whenever any portion of such energy is needed by the Company for the requirements of its firm customers or to comply with requests for emergency power to serve the needs of firm customers of other utilities.

MONTHLY CHARGES: Unless specifically noted in this rider or within the Tariff Agreement or a Facilities Rental Agreement, the charges assessed for service shall be those found within the otherwise applicable rate schedules.

MONTHLY CREDITS: An Interruptible Demand Credit will be applied each month (regardless of whether actual interruptions of service by the Company occur) to the regular bill submitted under the GSD, GSDT, GSLDPR, GSLDSU, GSLDTPR, GSLDTSU ~~IS~~ , ~~or IST~~ schedule. No credit will be applied to a minimum bill.

The Interruptible Demand Credit is the product of the Contracted Credit Value (CCV) (set forth in the Tariff Agreement for the Purchase of Industrial Load Management Rider Service) and the monthly Load Factor Adjusted Demand. The Load Factor Adjusted Demand shall be the product of the monthly Billing Demand and the monthly Billing Load Factor. The Billing Load Factor shall be the ratio of the Billing Energy to the monthly Billing Demand times the number of Billing Hours in the billing period. Billing Hours shall exclude any hours during which interruption of service occurred and no Optional Provision Energy was provided.

Continued to Sheet No. 3.215

GENERAL SERVICE
INDUSTRIAL STANDBY AND SUPPLEMENTAL LOAD MANAGEMENT RIDER

SCHEDULE: GSLM-3

APPLICABLE: At the option of the customer, to commercial and industrial customers on rate schedules ~~SBF,~~SBD, ~~SBFT~~SBDT, ~~or SBI~~ SBLDPR, SBLDSU, SBLDTPR or SBLDTSU who sign a Supplemental Tariff Agreement for the Purchase of Industrial Standby and Supplemental Load Management Rider Service. ~~Required for customers taking service under Rate Schedule SBI.~~

MINIMUM QUALIFICATION: The minimum interruptible service provided under this rider is 500 kW.

LIMITATION OF SERVICE: The electric energy supplied under this schedule is subject to immediate and total interruption whenever any portion of such energy is needed by the Company for the requirements of its firm customers or to comply with requests for emergency power to serve the needs of firm customers of other utilities.

MONTHLY CHARGES: Unless specifically noted in this rider or within the Tariff Agreement of a Facilities Rental Agreement, the charges assessed for service shall be those found within the otherwise applicable rate schedules.

MONTHLY CREDITS: Interruptible Demand Credits will be applied each month (regardless of whether actual interruptions of service by the Company occur) to the regular bill submitted under the ~~SBF~~SBD, ~~SBFT~~SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~ schedule.

The Interruptible Supplemental Demand Credit is the product of the Contracted Credit Value (CCV) (set forth in the Supplemental Tariff Agreement for the Purchase of Industrial Standby and Supplemental Load Management Rider Service) and the monthly Load Factor Adjusted Demand. The Load Factor Adjusted Demand shall be the product of the monthly Supplemental Billing Demand and the monthly Supplemental Billing Load Factor. The Billing Load Factor shall be the ratio of the Supplemental Energy to the monthly Supplemental Billing Demand times the number of Billing Hours in the billing period. Billing Hours shall exclude any hours during which interruption of service occurred and no Optional Provision Energy was provided.

Continued to Sheet No. 3.235

NET METERING SERVICE

SCHEDULE: NM-1

AVAILABLE: Entire Service Area.

APPLICABLE: This schedule is applicable to a customer who:

1. Takes retail electric service from Tampa Electric under an otherwise applicable rate schedule (OAS) at their premises;
2. Uses a renewable electrical generating facility ("Eligible Customer Generator") with a capacity of not more than 2,000 kilowatts that is located on the customer's owned, leased, or rented premises and that is intended primarily to offset part or all of the customer's own electrical requirements;
3. Is interconnected and operates in parallel with Tampa Electric's transmission or distribution systems; and
4. Provides Tampa Electric with a completed signed Standard Interconnection Agreement (SIA) for Tier 1, Tier 2 or Tier 3 Renewable Generator Systems.

A customer who owns, rents or leases a premises that includes an Eligible Customer Generator, that was previously approved by Tampa Electric for interconnection prior to the customer moving in and/or taking electric service with Tampa Electric (Change of Party Customer), will take service on this tariff as long as the requirements of this section are met. To be eligible, the Change of Party Customer must have a completed signed "Agreement Adopting Standard Interconnection Agreement".

At the NM-1 customer's sole discretion, service may be taken under one of Tampa Electric's standby rate schedules ~~SBF~~SBD, ~~or~~ ~~SBFT~~SBDT, SBLDPR, SBLDSU, SBLDTPR and SBLDTSU with or without GSLM-3, if it is not already their OAS. ~~Customers taking service under IS or IST schedules who take NM-1 service may, at their sole discretion, choose to take service under one of Tampa Electric's standby rate schedule SBI, as applicable, if it is not already their OAS .~~

MONTHLY RATE: All rates charged under this schedule will be in accordance with the Eligible Customer Generator's OAS. A Customer served under this schedule is responsible for all charges from its OAS including monthly minimum charges, basic service charges, meter charges, facilities charges, demand charges and surcharges. Charges for energy (kWh) supplied by Tampa Electric will be based on the net metered usage in accordance with Billing (see below).

NON-STANDARD METER SERVICE RIDER (AMI OPT-OUT)

(Optional)

Schedule: NSMR-1

Availability: To all customers served throughout the Company's service area.

Applicable: This optional Rider Is available to customers who request a meter that either does not utilize radio frequency communications to transmit data or is otherwise required to be read manually provided that such a meter is available for use by the Company. Meters to be read manually shall be a non-communicating meter. The meter manufacturer and model chosen to service the customer's ("AMI Opt-Out Customer") premise are at the discretion of the Company and are subject to change at the Company's option at any time.

Character of Service: Electric energy supplied hereunder must meet the Character of Service and usage specifications consistent with service under the AMI Opt-Out Customers otherwise applicable tariff.

Rate:

Initial Set-Up Fee (one-time service fee)	$~~96.27~~100.00
Daily Rate ~~per month~~	$~~20.64~~0.67

All charges and provisions of the AMI Opt-Out Customer's otherwise applicable rate schedule shall also apply.

Limitation of Service: This Rider Is not available to Net Metered customers. This Rider Is also not available to customers who have tampered with the electric metered service or used service in a fraudulent or unauthorized manner at the current or any prior location. Service under this Rider is subject to orders of governmental bodies having jurisdiction and Company rules and regulations governing service.

Term of Service: Not less than one (1) billing period. The Company reserves the right to terminate this Rider at any time upon notice to the Customer for violation of any of the terms or conditions of this rider.

Special Provisions: Customers taking service under this Rider relocating to a new premise who wish to continue service under this Rider are required to request new service under this Rider, including payment of the Initial Set-Up Fee at the new premise except In the Instance where the previous customer at that premise had an approved non-communicating meter already in place. Customers wishing to take service under this Rider and relocating to a premise where an existing approved non-communicating meter Is already In place will not be required to pay the Initial Set-Up Fee. Customers who cancel service under this Rider and then later re-enroll for this service at any location would be required to submit another Initial Set-Up Fee.

SHARED SOLAR RIDER

SCHEDULE: SSR – 1

AVAILABLE: At the option of the customer, available to residential, commercial and industrial customers per device (non-totalized or totalized electric meter) on rate schedules RS, GS, GSD, GSLDPR and GSLDSU ~~and IS~~ on a first come, first served basis subject to subscription availability. Not available to customers who take service under NM-1, RSVP-1, any standby service or time of use rate schedule. Subscription availability will be dependent on availability of the Shared Solar facility. Customers who apply when availability is closed will be placed on a waiting list until Shared Solar capacity becomes available. The Shared Solar facility will be for 17.5 MWac* capacity and full subscription will be when 95% of expected annual energy output has been subscribed.

APPLICABLE: Applicable, upon request, to eligible customers in conjunction with their standard rates and availability of service subject to subscription availability.

CHARACTER OF SERVICE: Shared Solar - 1 (SSR-1) enables customers to purchase monthly energy produced from Company-owned solar facilities for a selected percentage of that month's billed kWh. For RS and GS, individual subscriptions will be measured as a percentage of the monthly energy consumption as selected by the customer: 25%, 50% or 100% rounded up to the next highest kWh. For GSD, GSLDPR and GSLDSU ~~and IS~~, a fixed kWh subscription in 1,000 kWh blocks will be identified by the customer not to exceed their average monthly kWh consumption for the previous 12-months at the time of subscription.

MONTHLY RATE: $0.063 per kWh for monthly energy consumption.

The monthly SSR-1 rate, multiplied by the monthly energy consumption selected by the customer, will be charged to the customer in addition to the customer's normal cost of electricity pursuant to their RS, GS, GSD, GSLDPR and GSLDSU ~~or IS~~ tariff charges applied to their entire monthly billing determinants, with the exception of the Fuel Charge, which is normally billed under the applicable tariff. Tampa Electric will seek to maintain the SSR-1 energy rate at $0.063 per kWh or lower until January 1, 2048, however the SSR-1 energy rate will remain subject to change by order of the Florida Public Service Commission.

Under SSR-1, the Fuel Charge for the applicable RS, GS, GSD, GSLDPR and GSLDSU ~~or IS~~ tariff, for the monthly energy percentage or blocks selected by the customer, will be billed at a rate of $0.00 per kWh provided under this rider. The Fuel Charge applies to the remainder of the monthly billing determinates.

Continued to Sheet No. 3.305

Current
The volume of electric energy in amperes flowing through a conductor.

Customer
Any present or ~~prospective~~potential user of the Company's electric service, ~~his~~ any authorized representative (builder, developer, architect, engineer, electrical contractor, etc.) or others for whose benefit the electric service under this tariff is made (property owner, landlord, tenant, renter, occupant, etc.). When electric service is desired at more than one location, each such location or delivery point shall be considered as a separate customer.

Delivery Point (Point of Attachment, Point of Delivery)
The point where the Company wiring interfaces with the customer wiring, and where the customer assumes the responsibility for further delivery and use of the electricity.

Delta Connection
A three-phase electrical connection where the electrical service is connected in a triangular configuration.

Demand
The magnitude of electric load of an installation. Demand may be expressed in kilowatts, kilovolt-amperes, or other suitable units.

Demand Charge
The specified charge to be billed on the basis of the demand under an applicable rate schedule.

Difficult Trenching Conditions
Trenching through soil which contains considerable rock, is unstable, has a high water table, and/or has obstructions that unduly impede trenching at normal speeds with machines or requires extensive hand digging or shoring.

Distribution System
Electric service facilities consisting of primary and secondary conductors, service laterals, transformers and necessary accessories and appurtenances for the furnishing of electric power at utilization voltage (13 kV and below on the Company's system).

Drawing
Drawings illustrating technical specification and requirements for electric service are published separately in the Tampa Electric Standard Electrical Service Requirements Manual which is available upon request at any Tampa Electric Company office.

Interconnection Costs
All costs associated with the change-out, upgrading or addition of protective devices, transformers, lines, services, meters, switches, and associated equipment and devices beyond those which would be required to provide normal service to the qualifying facility if no cogeneration were involved.

Kilovar (KVAR)
A kilovolt-ampere (KVA) is a unit of electrical power which is composed of two sub-components: real power (KW) and reactive power (KVAR). KVA is often referred to as apparent power as it represents the total load requirement of an electrical device. When a load is operating at unity (100%) power factor, KVA is equal to KW because there is no reactive power requirement. When a load is operating at less than unity power factor, KVA is greater than KW because of the load's requirement for both real and reactive power. ~~Reactive power is that portion of the apparent power which is not available to do work. Reactive power is required to furnish charging current to magnetic or electrostatic equipment connected to a system.~~

Kilovolt-Ampere (KVA)
It is the product of the volts times the amperes, divided by 1,000, where the amperes represent the vectorial sum of the ampere current that is in step with the alternating voltage (representing the current to do useful work) and the reactive ampere current flowing In the circuit.

Kilowatt (KW) (1000 watts)
A watt is the electrical unit of power or rate of doing work. It is equal to one ampere flowing under the pressure of one volt at unity power factor.

Kilowatt-Hour (KWH)
Kilowatts times time in hours.

Light-Emitting Diode (LED)
A semiconductor light source.

Line Extension
That extension of the circuit to be added to the existing circuit.

Load
(1) The customer's equipment requiring electrical power.
(2) The quantity of electric power required by the customer's equipment, usually expressed in kilowatts or horsepower.

Load Balance
An equally spread load over a multiphase system.

Load Center
The customer's circuit panel or distribution point.

Load Factor
The number of kilowatt-hours used for a given period of time divided by the product of the maximum kilowatt demand established during the period and the number of hours in the period.

Overhead Service
Wiring and associated facilities normally installed by the Company on poles to serve the customer.

Ownership Line
The point where the Company's facilities connect with the customer's facilities.

Pedestal
A meter socket enclosure mounted on a post and fed from an underground source.

Power Factor
Ratio of kilowatts to kilovolt-amperes.

Premises
The property location of customer or Company equipment.

Primary Service
The Term "primary service" refers to the voltage at which the Company distributes electrical energy from its Distribution Substation for customer utilization.

Primary Distribution Service
The delivery of electricity transformed from the transmission system to a distribution service voltage, typically 13kV, whereby the customer may utilize such voltage and is responsible for providing the transformation facilities to reduce the voltage for any secondary distribution service voltage requirement.

Primary Voltage
The voltage level in a local geographic area which is available after the Company has provided transformation from the transmission system.

Qualifying Facility
A cogenerator or small power producer which obtains qualifying status under Section 201 of PURPA and Subpart B of FERC regulations.

Raceway
A mechanical structure for supporting wiring, conduits or bus.

Rate Schedule
The approved standard used for calculation of bills.

Relay Service
Premium service supplied to a customer from more than one distinct source capable of

automatic or customer controlled manual switching upon loss of the preferred source. A distinct source is a distribution source originating from a unique distribution substation transformer.

Renewable Energy
Electrical energy produced from renewable sources defined in applicable Florida Statutes.

Residential Service
Service to customers in private residences and individually metered apartments and condominiums when all energy is used for domestic purposes.

Right-of-Way
The established path for the installation of the Company's wiring on public property.

Rules and Regulations
The approved standards and methods for service to the Company's customers.

Rural
Outside the geographical limits of any incorporated cities, except areas which exhibit urban characteristics.

Secondary Distribution Service
The delivery of electricity transformed to the lowest utilized service voltage, typically ranging from 120 volts to 480 volts.

Service
(1) The supply of electrical energy~~the Company's product, "Electrical Energy"~~, measured in kilowatt-hours and kilowatt demand.
(2) The conductors and equipment for delivering energy from the electricity supply system to the wiring system of the premises served.

Service Area
The established geographical boundaries of the Company.

Service Drop
The overhead service conductor(s) from the last pole or other aerial support to and including the connections to the service entrance conductors at the building.

Service Entrance
That portion of the wiring system between the point of attachment to the Company's distribution system and the load side terminals of the main switch or switches. This will include the grounding equipment.

Service Equipment
The necessary equipment, usually consisting of circuit-breaker or switch, fuses and their accessories, located near the point of entrance of supply conductors' to a building and intended to constitute the main control and means of disconnection for the supply to that building.

Service Location
The point established by the company for the location of the service entrance.

Set Pole
An existing pole on which company facilities may be attached.

Single Phase
One phase of a three phase system (see three phase)

Storm Protection Plan Recovery Charge
The charge established to recover the cost incurred within the Storm Protection Plan Cost Recovery Clause for approved hardening efforts to further protect the grid from hurricanes or other extreme weather events.

Subdivision
A tract of land which is divided into five (5) or more building lots or upon which five (5) or more separate dwelling units are to be located, or land on which new multiple-occupancy buildings are constructed.

Sub-Meter or Test Meter
A meter used to check electric usage on a particular electrical load for a non-billing purpose.

Subtransmission Service
The delivery of electricity at the lowest transmission system voltage, whereby the customer may utilize such service voltage and is responsible for providing transformation facilities to reduce the voltage for any primary distribution service voltage requirement and to further reduce the voltage for any secondary distribution service voltage requirement.

Subtransmission Voltage
The lowest transmission system voltage, typically 69kV.

Tariff
The assembled volume containing the "rules", "regulations", "rate schedules", "standard forms", "contracts", and other material as required by, and filed with, the Florida Public Service Commission and constituting a contract between the Company and its Customers with the force and effect of law.

Temporary Service / Construction Service
Service which is provided by the company for use over a single short term no greater than 12 months. Examples include service for construction poles, fairs, and dredging projects.

Three Phase
A term applied to circuits or machines utilizing three alternating current voltages, equal in magnitude, separated by 120 electrical degrees.

Time Pulse
A metering pulse indicating when the meter checks demand.

Totalized Metering
A summation of adjacent metering equipment readings.

I. INTRODUCTION

The "General Rules and Regulations" section contains the rules, practices, classifications, exceptions and conditions observed by the Company in supplying service to its customers, directly or indirectly through its contractors to which company sublets any part of the work it is obligated to perform pursuant to the Tariff, including maintaining, operating, and securing equipment and facilities used to generate, purchase, transmit, or distribute electrical energy.

Included, by reference, are the technical specifications and requirements of the Company's currently effective *Standard Electrical Service Requirements (SESR)* and *Vault Design Criteria* on file with the Florida Public Service Commission and available on request. The SESR explains the general character of electric service supplied, the meters and other devices furnished by the Company, and the wiring and apparatus provided and installed by the customer.

These requirements supplement those of the National Fire Protection Association, National Safety Codes, and those of state, county and municipal authorities.

Situations not specifically covered herein, or questions regarding the application of these requirements may be resolved by contacting the Company as early as possible.

Except for installation and maintenance of its own property, Tampa Electric Company does not install or repair customer owned wiring on customer's premises. Therefore, the Company cannot assume any responsibility for, or liability arising because of, the condition of wires or apparatus not owned by the Company.

~~Cooperation in these matters will be greatly appreciated and will help the Company to render prompt, satisfactory service when it is needed.~~

II. GENERAL INFORMATION

2.1 DEFINITIONS

See section 4, technical terms and abbreviations.

2.2 GENERAL RULES REGARDING SUPPLY AND USE OF ELECTRICAL ENERGY

Notwithstanding any contrary provisions contained in any other agreement between the customer and Tampa Electric Company, the following sections 2.2.1 through 2.2.5 shall apply.

Continued to Sheet No. 5.070

Continued from Sheet No. 5.060

2.2.1 CUSTOMERS RESPONSIBILITIES

All property of the Company installed in or upon the customer's premises used and useful in supplying service is placed there under the customer's protection. All reasonable care shall be exercised to prevent loss or damage to such property, ordinary wear and tear excepted.

The customer will be held responsible for breaking the seal, tampering or interfering with the Company's meter or meters or other equipment of the Company installed on the customer's premises. No one, except employees of the Company, will be allowed to make any repairs or adjustments to any meter or other piece of apparatus belonging to the Company.

Resale of electrical energy by the Customer is not permitted.

2.2.1.1 ACCESS TO PREMISES AND INTERFERENCE WITH COMPANY'S FACILITIES

The company and its agents, contractors, and representatives shall have access to the premises of the Customer at all reasonable times for the purpose of installing, maintaining, repairing, and inspecting or removing the company's property, reading meters, trimming trees, and other purposes incident to the provision of electrical service or performance or termination of the company's provision of service to ~~agreement with~~ the Customer. The company and its agents, contractors, and representatives shall not be liable to the Customer for trespass. The Customer is responsible for contacting the Company for guidance before constructing any items which may obstruct the Company's access. The Customer should not allow trees, vines, shrubs, or other vegetation to interfere with the Company's electric service equipment, including adjacent overhead conductors, service wires, pad mounted transformers, and meter. Such interference may result in an injury to persons or fatality, or may cause the Customer's service to be interrupted.

2.2.1.2 CONJUNCTIVE BILLING

Conjunctive billing means totalizing metering, additive billing, plural meter billing, conjunctional metering, and all like or similar billing practices which seek to combine, for billing purposes, the separate consumptions and registered demands of two or more points of delivery serving a single Customer.

A single point of delivery of electric service to the user of such service is defined as the single geographical point where a single class of electric service, as defined in a published rate tariff, is delivered from the facilities of the utility to the facilities of the Customer. Conjunctive billing shall not be permitted. Bills for two or more points of delivery to the same Customer shall be calculated separately for each such point of delivery.

Continued to Sheet No. 5.075

Continued from Sheet No. 5.070

2.2.2 CONTINUITY OF SERVICE

The Company will use reasonable diligence at all times to provide continuous service at the agreed nominal voltage, and shall not be liable to the Customer for any damages arising from causes beyond its control or from the negligence of the Company, its employees, servants or agents, including, but not limited to, damages for complete or partial failure or interruption of service, for initiation of or re-connection of service, for shutdown for repairs or adjustments, for fluctuations in voltage, for delay in providing or in restoring service, or for failure to warn of interruption of service.

Whenever the Company deems that an emergency warrants interruption or limitation in the service supplied, or there is a delay in providing or restoring said service because of an emergency, such interruption, limitation or delay shall not constitute a breach of contract and shall not render the Company liable for damages suffered thereby or excuse the Customer from fulfillment of its obligations.

2.2.3 FORCE MAJEURE

The Company shall not be liable to the Customer, or to others for whose benefit this contract may be made, for any injury to persons or fatality, including the Customer, or for any damage to property, including property of the Customer, when such injury, fatality or damage is ~~a~~ caused directly or indirectly by:

(1) a hurricane, storm, heat wave, lightning, freeze, severe weather event, or other act of God

(2) fire, explosion, war, riot, labor strike, or lockout, embargo, interference by federal, state or municipal governments, injunction or other legal process;

(3) breakage or failure of any property, facility, machinery, equipment or lines of the Company, the Customer, or others.

2.2.4 INDEMNITY TO COMPANY

The Customer shall indemnify, hold harmless and defend the Company from and against any and all liability, proceedings, suits, costs or expenses, including attorney's fees and costs, for loss or damage to property or for injury to persons or fatality, in any manner directly or indirectly connected with, or arising out of, the use of electricity on the Customer's side of the point of delivery or out of the Customer's negligent acts or omissions.

Continued to Sheet No. 5.085

Continued from Sheet No. 5.080

2.2.5 LIMITATION ON CONSEQUENTIAL DAMAGES

The Customer shall not be entitled to recover from the Company for loss of use of any property or equipment, loss of profits or income, loss of production, rental expenses for replacement of property or equipment, diminution in value of property, expenses to restore operations, loss of goods or products, or any other consequential, indirect, unforeseen, incidental or special damages.

2.3 COMPANY EQUIPMENT ON PRIVATE PROPERTY

An easement will be required where necessary for the Company to locate its facilities on property not designated as a public right-of-way ~~to serve the customer on whose property the facilities are to be located~~. Service drops, service laterals and area light services are the exception to the preceding rule. If a service drop or service lateral is expected to serve future customers, an easement should be obtained. Easements will also be required where it is necessary for the Company's facilities to cross over property not designated as public right-of-way to serve customers other than the property owner. Normal distribution easements will be 15 feet wide, but easements will vary in dimensions depending upon the type of facility necessary. All matters pertaining to easements will be handled directly with the appropriate representative in the Company office serving the area in question.

In the event that the Company's facilities are located on a customer's property to serve the customer, and if it becomes desirable to relocate these facilities due to expansion of the customer's building or other facilities, or for other reasons initiated by the customer, the Company will, where feasible, relocate its facilities. The Company may require that all costs associated with the requested relocation or removal be charged to the customer making the request and may require an easement for the relocated facilities.

2.4 ELECTRIC SYSTEM RELOCATIONS

In subdivided property in general, the Company endeavors to locate its facilities such that they are in the immediate vicinity of a lot line. This may not be possible due to subdivision replatting or inability of the Company to so locate its facilities. In rural areas facilities are located so as to provide the most efficient electrical distribution system.

If a customer desires that a guy wire, pole or other facility be relocated, the Engineering Department at the nearest Company office should be contacted. Consideration will be given to each case; and if practicable, the Company will relocate such facility to the vicinity of the nearest lot line or to the desired location. The Company may require that all costs associated with the requested relocation or removal be charged to the customer making the request.

Continued to Sheet No. 5.100

Continued from Sheet No. 5.106

2.7 RATES AND THEIR APPLICATIONS

The rates for all types of electric service rendered by the company are on file with The Florida Public Service Commission. Copies of these rates are available and information regarding their application may be obtained on-line at www.tampaelectric.com or by telephoning or writing the company.

2.8 APPLICATION FOR SERVICE

In order to obtain service at the desired time, application by the customer should be made as early as possible to the company. Time is required to procure and assemble the necessary materials and for installing the service or altering the existing service. Deposits are sometimes required with the application.

Applications for service or change in service may normally be made by telephone, in writing, or on-line at www.tampaelectric.com. Under certain conditions, however, the application or contract shall be in writing as determined by the company.

Unless otherwise specifically provided in the applicable rate, or in a contract between the customer and the company, all applications for service shall be deemed for the period of one year and continuously thereafter until notice of termination is given by either party.

Application for new service or alteration in existing service must be accompanied by an adequate description of the location of the property where service is desired, such as street and house number, rural address, or legal description of the property.

In order to insure that adequate company electrical equipment is installed to provide satisfactory service to the customer, load data must be submitted with the application. This load data should include the electrical requirements of each device to be installed and the total anticipated demand.

2.9 ALTERATIONS OR ADDITIONS TO EXISTING WIRING

The company must be notified by the customer before adding any major load (e.g., a new 220-volt outlet) and upgrades will be undertaken at Customer's own expense. An application for required alteration in service must be made by the customer in the same manner as application for new service.

Continued to Sheet No. 5.120

Continued from Sheet No. 5.175

Where the company's facilities are reasonably adequate and of sufficient capacity to carry the actual loads normally imposed, the company may require that the equipment on the Customer's premises shall be such that the starting and operating characteristics will not cause an instantaneous voltage drop of more than 4% of the standard voltage, measured at the point of delivery, or cause objectionable flicker to other Customer's service.

2.17 EMERGENCY RELAY POWER SUPPLY

The Company will receive applications for emergency relay power supply service from existing and/or new customers and reserves the right to approve or disapprove each application based upon need, location, feasibility, availability and size of load.

After receiving approval, the Company will require that all costs of any duplication of additional facilities required by the customer in excess of the facilities normally furnished by the Company for a single source, single transformation, electric service installation, be charged to the customer making the request. This shall include the cost of existing facilities being reserved at a charge of $~~31.78~~50.27 per kW.

Customers requesting relay service through a single point of delivery to a multi-serviced facility, must ensure that all new occupants of the multi-serviced facility beyond the single point of delivery are aware of the obligation to pay charges associated with relay service. All existing occupants (i.e. occupants with leases predating the request for relay service to a multi-serviced facility) may choose not to pay the relay service charge at the time service is provided but must pay the charge upon renewal of the existing lease. Any unrecovered revenues related to the relay service charge will be billed to the customer requesting relay service for the multi-serviced facility.

Exceptions may be made by the Company when public safety is involved.

III. CUSTOMER SERVICES AND WIRING

3.1 GENERAL REQUIREMENTS FOR CUSTOMER WIRING

As previously stated, compliance of customer owned facilities with the requirements of the National Electrical Code will provide the customer with a safe installation, but not necessarily an efficient or convenient installation.

Continued to Sheet No. 5.181

Continued from Sheet No. 5.180

For this reason, the requirements for service listed herein may be in excess of those required by the National Electrical Code. Frequently, a larger service entrance, a higher point of attachment, more branch circuits, or types of service equipment that exceed code minimums are desirable. As a general convenience, every electrical contractor should provide a stencil or tag with his name and address on the service switch of a customer's wiring system.

A neutral point of connection at the ownership line is provided by the company for all three-phase four-wire and single-phase three-wire services. The neutral shall be extended from the ownership line to the customer's grounding system by the customer.

3.1.1 LOCATION OF SERVICE ENTRANCE WIRING

As previously noted in Subsection 2.6, company approval of the point of attachment must be obtained before commencing work on service entrance wiring. The point of delivery shall be determined by the company and will normally be on the building nearest the point at which the secondary electric supply is available to the property. If for the convenience of the applicant, the company is requested to agree on a different point of delivery, any additional costs shall be borne by the applicant in accordance with 2.6.1.

3.1.2 RELOCATION OR REMOVAL OF EXISTING FACILITIES

If the company is required to relocate or remove existing electric facilities in the implementation of these Rules, the company may require that all costs associated with such relocation or removal be charged to the customer and may require an easement for the relocated facilities.

3.1.3 POINTS OF ATTACHMENT AND SERVICE DROP CLEARANCES

The point of attachment will be located such that the lowest point on the service drop will be in accordance with the National Electric Safety Code (NESC).

Continued to Sheet No. 5.190

Continued from Sheet No. 5.330

3.5.5 PRIMARY SERVICE

~~As used here, the term "primary service" refers to the voltage at which the Company distributes electrical energy from its Distribution Substation for customer utilization.~~

If a customer desires to receive electrical service at the primary voltage available in the area, special approval of the company must be obtained. Close cooperation between the customer and the Company is necessary in such cases to insure proper selection of the customer's equipment to match the Company's primary voltage to insure proper coordination of all phases of design and construction, and to assure proper understanding of applicable rates and requirements of the service being rendered.

Primary cables will not normally be permitted under buildings or structures.

An ownership line will be established by the Company, and the customer shall install, own and maintain all electrical facilities beyond such line. The customer shall consult with the Company prior to designing his electrical system in order to assure proper interaction between customer and Company owned equipment.

Metering will normally be done at the primary voltage level. Upon agreement between the Company and customer, the customer may install company provided metering equipment as an integral part of the customer's facilities. Such installations must be done in accordance with Subsection 4.3 of these rules and regulations.

3.3.5.1 OVERHEAD PRIMARY SERVICE

If a customer desires to receive electrical service at the primary voltage available, the ownership line will be on the customer's pole at the line side of his fused disconnect switch. The customer will then carry his primary distribution from that pole either underground or overhead. Refer to Drawing No. 7.25 in the Standard Electrical Service Requirements Manual.

The customer shall compensate the Company with a contribution in aid of construction for any duplicate or additional facilities required by the customer in excess of the facilities normally provided for overhead service.

3.3.5.2 UNDERGROUND PRIMARY SERVICE

If a customer desires to receive electrical service at the primary voltage available in a designated underground commercial distribution area, metering will normally be done at the primary voltage level with the ownership line described as follows:

Continued to Sheet No. 5.350

INDEX OF RATE SCHEDULES

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

ADDITIONAL BILLING CHARGES

TOTAL FUEL AND PURCHASED POWER COST RECOVERY CLAUSE: ~~The total fuel and purchased power cost recovery factor shall be applied to each kilowatt-hour delivered, and shall be computed in accordance with the formula prescribed by the Florida Public Service Commission. The following fuel recovery factors by rate schedule have been approved by the Commission~~ :

RECOVERY PERIOD
(January 2021 through December 2021)

Rate Schedules		¢/kWh Fuel Standard	¢/kWh Fuel Peak	¢/kWh Fuel Off-Peak	¢/kWh Capacity	¢/kWh Environmental
RS (up to 1,000 kWh)		2.856			0.002	0.269
RS (over 1,000 kWh)		3.856			0.002	0.269
RSVP-1	(P_1)	3.167			0.002	0.269
	(P_2)	3.167			0.002	0.269
	(P_3)	3.167			0.002	0.269
	(P_4)	3.167			0.002	0.269
GS, GST		3.167	3.335	3.095	0.002	0.269
CS		3.167			0.002	0.269
LS-1, LS-2		3.136			0.000	0.258
GSD Optional						
Secondary		3.167			0.002	0.265
Primary		3.135			0.002	0.262
Subtransmission		3.104			0.002	0.260

Rate Schedules	¢/kWh Fuel Standard	¢/kWh Fuel Peak	¢/kWh Fuel Off-Peak	$/kW Capacity	¢/kWh Environmental
GSD, GSDT, ~~SBF~~SBD, ~~SBFT~~SBDT					
Secondary	3.167	3.335	3.095	0.01	0.265
Primary	3.135	3.302	3.064	0.01	0.262
Subtransmission	3.104	3.268	3.033	0.01	0.260
~~IS, IST, SBI~~					
~~Primary~~	~~3.135~~	~~3.302~~	~~3.064~~	~~0.00~~	~~0.254~~
~~Subtransmission~~	~~3.104~~	~~3.268~~	~~3.033~~	~~0.00~~	~~0.252~~
GSLD,GSLDT PR	TBD	TBD	TBD	TBD	TBD
SBLD,SBLDT PR	TBD	TBD	TBD	TBD	TBD

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

GSLD,GSLDT SU	TBD	TBD	TBD	TBD	TBD
SBLD,SBLDT SU	TBD	TBD	TBD	TBD	TBD

Continued to Sheet No. 6.021

Continued from Sheet No. 6.020

Rate Schedules	¢/kWh Energy Conservation	¢/kWh Storm Protection Plan
RS (up to 1,000 kWh)	0.166	0.239
RS (over 1,000 kWh)	0.166	0.239
RSVP-1 (P_1)	(3.026)	0.239
(P_2)	(0.882)	0.239
(P_3)	7.564	0.239
(P_4)	43.914	0.239
GS, GST	0.161	0.251
CS	0.161	0.251
LS-1, LS-2	0.081	0.354
GSD Optional		
Secondary	0.138	0.168
Primary	0.137	0.166
Subtransmission	0.135	0.164

Rate Schedules	$/kW Energy Conservation	$/kW Storm Protection Plan
GSD, GSDT, ~~SBF,~~ ~~SBFT~~SBD,SBDT		
Secondary	0.60	0.72
Primary	0.59	0.71
Subtransmission	0.58	0.71
~~IS, IST, SBI~~		
~~Primary~~	~~0.47~~	~~0.17~~
~~Subtransmission~~	~~0.47~~	~~0.17~~
GSLD, GSLDT, PR	TBD	TBD
SBLD, SBLDT, PR	TBD	TBD
GSLD, GSLDT, SU	TBD	TBD
SBLD, SBLDT, SU	TBD	TBD

Continued to Sheet No. 6.022

Continued from Sheet No. 6.021

CONTRACT CREDIT VALUE (CCV): This incentive is applicable to any commercial or industrial customer with interruptible loads of 500 kW or greater who qualify to participate in the company's GSLM 2 & 3 load management programs. The credit is updated annually. The 2021 CCVs per kW reduction at secondary voltage are:

Year	Secondary	Primary	Sub transmission
2021	10.23	10.13	10.03

Refer to Tariff sheets 3.210 and 3.230 for additional contract details.

FUEL CHARGE: Fuel charges are adjusted annually by the Florida Public Service Commission, normally in January. The fuel charge factors shall be applied to each kilowatt-hour delivered.

ENERGY CONSERVATION RECOVERY CHARGE: Energy conservation cost recovery factors recover the conservation related expenditures of the Company. The procedure for the review, approval, recovery and recording of such costs and revenues is set forth in Commission Rule 25-17.015, F.A.C. For rate schedules, RS, RSVP, GS, GST, CS, LS, and GSD Optional, cost recovery factors shall be applied to each kilowatt-hour delivered. For rate schedules, GSD, GSDT, ~~IS, IST, SBF, SBFT~~SBD, SBDT~~, and SBI~~ GSLDPR, GSLDSU, GSLDTPR, GSLDTSU, SBLDPR, SBLDSU, SBLDTPR and SBLDTSU, cost recovery factors shall be applied on a kilowatt (kW) basis to the billing demand or supplemental billing demand and to the greater of the standby demand times 12% or the actual standby demand times 4.76%.

CAPACITY RECOVERY CHARGE: In accordance with Commission Order No. 25773, Docket No. 910794-EQ, issued February 24, 1992, the capacity cost recovery factors shall be applied to each kilowatt-hour delivered for rate schedules, RS, RSVP, GS, GST, CS, LS, and GSD Optional. For rate schedules, GSD, GSDT, ~~IS, IST SBF, SBFT~~ SBD, SBDT, ~~and SBI~~ GSLDPR, GSLDSU, GSLDTPR, GSLDTSU, SBLDPR, SBLDSU, SBLDTPR and SBLDTSU the cost recovery factors shall be applied to each kilowatt (kW) of billing demand and supplemental billing demand and to the greater of the standby demand times 12% or the actual standby demand times 4.76%.

ENVIRONMENTAL RECOVERY CHARGE: In accordance with Commission Order No. PSC-96-1048-FOF-EI, Docket No. 960688-EI, issued August 14, 1996, the environmental cost recovery factors shall be applied to each kilowatt-hour delivered.

Continued to Sheet No. 6.023

ISSUED BY: ~~N. G. Tower~~A. D. Collins~~,~~
President

DATE EFFECTIVE: ~~January 1, 2021~~

Continued from Sheet No. 6.022

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

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

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

STORM PROTECTION PLAN RECOVERY CHARGE: Storm protection plan cost recovery factors recover the cost incurred for approved hardening efforts to further protect the grid from hurricanes or other extreme weather events. The procedure for the review, approval, recovery and recording of such costs and revenues is set for in Commission Rule 25-6.031, F.A.C. For rate schedules, RS, RSVP, GS, GST, GSD Optional, CS, and LS, cost recovery factors shall be applied to each kilowatt-hour delivered. For rate schedules, GSD, GSDT~~, IS, and IST~~, GSLDPR, GSLDSU, GSLDTPR, GSLDTSU cost recovery factors will be applied on a kilowatt (kW) basis to the billing demand. For rate schedules ~~SBF~~SBD, SB~~F~~DT~~and SBI~~, SBLDPR, SBLDSU, SBLDTPR and SBLDTSU cost recovery factors will be applied on a kilowatt (kW) basis to the supplemental billing demand and to the local facilities reservation standby demand.

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~~ RATES:

Basic Service Charge:
$~~15.05~~ .70 per day.

Energy and Demand Charge:

First 1,000 kWh	~~5.225~~6.600 ¢ per kWh
All additional kWh	~~6.225~~ 7.600¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022.

Continued to Sheet No. 6.031

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

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~~S~~:

Basic Service Charge:

Metered accounts	~~$ 18.06~~.74 ~~¢~~ per day
Un-metered accounts	~~$ 15.05~~.62¢ per day

Energy and Demand Charge:

~~5.496~~6.915 ¢ 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~~181 ¢ 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~~ RATES:

STANDARD		OPTIONAL	
Basic Service Charge:		Basic Service Charge:	
Secondary ~~Metering~~ Voltage	$ ~~30.10~~0.97 per day	Secondary ~~Metering~~ Voltage	~~$ 30.10~~ $0.97 per day
Primary ~~Metering~~ Voltage	~~$ 130.44~~7.28 per day	Primary ~~Metering~~ Voltage	~~$ 130.44~~$7.28 per day
Subtrans. ~~Metering~~ Voltage	~~$ 993.27~~22.47 per day	Subtrans. ~~Metering~~ Voltage	~~$ 993.27~~ $22.47 per day
Demand Charge:		Demand Charge:	
Secondary	$~~10.92~~13.00 per kW of billing demand		
Primary	$15.00 per kW of billing demand		
Subtrans.	$16.00 per kW of billing demmand		$0.00 per kW of billing demand
			$0.00 per kW of billing demand
			$0.00 per kW of billing demand
Energy Charge:		Energy Charge:	
~~1.589~~2.091 ¢ per kWh		~~6.595~~8.298 ¢ per kWh	

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

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~~ 85¢ per kW of billing demand will apply. A discount of $~~2.81~~3.18 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~~216 ¢ per kWh will apply. A discount of 0.~~735~~813 ¢ 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~~181 ¢/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 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023

~~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~~

RESERVED FOR FUTURE USE

~~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.~~

RESERVED FOR FUTURE USE

~~Continued to Sheet No. 6.087~~

~~Continued from Sheet No. 6.087~~

~~**FUEL CHARGE:** See Nos. 6.020 and 6.022.~~

~~**ENERGY CONSERVATION RECOVERY CHARGE:** See Sheet Nos. 6.021 and 6.022.~~

~~**CAPACITY RECOVERY CHARGE:** See Sheet Nos. 6.020 and 6.022.~~

~~**ENVIRONMENTAL RECOVERY CHARGE:** See Sheet Nos. 6.020 and 6.022.~~

~~**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.023.~~

~~**FRANCHISE FEE CHARGE:** See Sheet No. 6.023.~~

~~**PAYMENT OF BILLS:** See Sheet No. 6.023.~~

~~**STORM PROTECTION PLAN RECOVERY CHARGE:** See Sheet Nos. 6.021 and 6.023.~~

RESERVED FOR FUTURE USE

GENERAL SERVICE - LARGE DEMAND
PRIMARY

SCHEDULE: GSLDPR

AVAILABLE: Entire Service Area.

APPLICABLE: To all primary voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the primary voltage level. Once a customer has gone (12) consecutive months of less than 1000 kW registered demand the customer will then be billed under the rate schedule GSD. For any billing period that exceeds 35 days, the energy consumption shall be prorated to that of a 30-day amount for the purposes of administering this requirement. Resale not permitted.

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase, at primary 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.

RATES:

Daily Basic Service Charge: $ 23.71 per day

Demand Charge: $ 15.00 per kW of billing demand

Energy Charge: 1.272¢ per kWh

~~RESERVED FOR FUTURE USE~~

Continued to Sheet No. 6.145

Continued from Sheet No. 6.140

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

MINIMUM CHARGE: The Daily 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.

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

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.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ per kW of registered 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 Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

GENERAL SERVICE - LARGE DEMAND SUBTRANSMISSION

SCHEDULE: GSLDSU

AVAILABLE: Entire Service Area.

APPLICABLE: To all subtransmission voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the subtransmission voltage level. Once a customer has gone (12) consecutive months of less than 1000 kW registered demand the customer will then be billed under the rate schedule GSD. For any billing period that exceeds 35 days, the energy consumption shall be prorated to that of a 30-day amount for the purposes of administering this requirement. Resale not permitted

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase, at subtransmission 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.

RATES:

Daily Basic Service Charge:	$ 102.89 a day
Demand Charge:	$ 16.00 per kW of billing demand
Energy Charge:	2.030¢ per kWh

Continued to Sheet No. 6.165

Continued from Sheet No. 6.160

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

MINIMUM CHARGE: The Daily 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 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.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72¢ per kW of registered 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 Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

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~~ RATES:
Basic Service Charge: $~~18.06~~0.74 per day

Energy and Demand Charge: ~~5.496~~6.915 ¢ per kWh

.

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

MISCELLANEOUS: A Temporary Service Charge of $~~260.00~~320.00 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. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

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~~ RATES:

Basic Service Charge:
$~~20.07~~0.74 per day

Energy and Demand Charge:
~~12.594~~13.713 ¢ per kWh during peak hours
~~3.053~~4.580 ¢ 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~~181 ¢ 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 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

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~~0.97 per day
Primary Metering Voltage	$	~~130.44~~7.28 per day
Subtransmission Metering Voltage	$	~~993.27~~22.47 per day

Demand Charge:

$~~3.49~~4.15 per kW of billing demand, plus
$~~7.14~~8.50 per kW of peak billing demand

Energy Charge:

~~2.908~~4.250 ¢ per kWh during peak hours
~~1.049~~1.311 ¢ 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~~85 ¢ per kW of billing demand will apply. When the customer takes service at subtransmission or higher voltage, a discount of $~~2.81~~3.18 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 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

~~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~~

RESERVED FOR FUTURE USE

~~Continued to Sheet No. 6.345~~

~~Continued from Sheet No. 6.340~~

~~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.)~~

~~Peak Hours:~~	~~April 1 - October 31~~	~~November 1 - March 31~~
~~(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 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.~~

~~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.~~

RESERVED FOR FUTURE USE

~~Continued to 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 6.022.~~

ENERGY CONSERVATION RECOVERY CHARGE: ~~See Sheet Nos. 6.021 and 6.022.~~

CAPACITY RECOVERY CHARGE: ~~See Sheet Nos. 6.020 and 6.022.~~

ENVIRONMENTAL RECOVERY CHARGE: ~~See Sheet Nos. 6.020 and 6.022.~~

FLORIDA GROSS RECEIPTS TAX: ~~See Sheet No. 6.023.~~

FRANCHISE FEE CHARGE: ~~See Sheet No. 6.023.~~

PAYMENT OF BILLS: ~~See Sheet No. 6.023.~~

STORM PROTECTION PLAN RECOVERY CHARGE: ~~See Sheet Nos. 6.021 and 6.023.~~

RESERVED FOR FUTURE USE

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 202~~1

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

SCHEDULE: GSLDTPR

AVAILABLE: Entire service area.

APPLICABLE: To all primary voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the primary voltage level. Once a customer has gone (12) consecutive months of less than 1000 kW registered demand the customer will then be billed under the rate schedule GSDT. 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 primary 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.

RATES:

Daily Basic Service Charge: $ 23.71 a day

Demand Charge:
$4.79 per kW of billing demand, plus
$9.81 per kW of peak billing demand

Energy Charge:
2.563¢ per kWh during peak hours
0.807¢ per kWh during off-peak hours

Continued to Sheet No. 6.375
~~RESERVED FOR FUTURE USE~~

Continued from Sheet No. 6.370

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.)

Peak Hours:	April 1 - October 31	November 1 - March 31
(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 DEMAND: The highest measured 30-minute interval kW demand during the billing period.

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

MINIMUM CHARGE: The Daily 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.

Continued to Sheet No. 6.380

Continued from Sheet No. 6.375

METERING VOLTAGE ADJUSTMENT: When the customer takes energy metered at subtransmission voltage or higher, a discount of 1% will apply to the Demand Charge, Energy Charge, Power Factor Billing and Emergency Relay Power Supply Charge.

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.

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 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

TIME-OF-DAY
GENERAL SERVICE LARGE - DEMAND
SUBTRANSMISSION

SCHEDULE: GSLDTSU

AVAILABLE: Entire service area.

APPLICABLE: To all subtransmission voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the subtransmission voltage level. Once a customer has gone (12) consecutive months of less than 1000 kW registered demand the customer will then be billed under the rate schedule GSDT. 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 subtransmission 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.

RATES:

Daily Basic Service Charge: $102.89 a day

Demand Charge:
$ 5.11 per kW of billing demand, plus
$ 10.46 per kW of peak billing demand

Energy Charge:
3.688¢ per kWh during peak hours
1.499¢ per kWh during off-peak hours

Continued to Sheet No. 6.405
~~RESERVED FOR FUTURE USE~~

Continued from Sheet No. 6.400

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.)

Peak Hours:	April 1 - October 31	November 1 - March 31
(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 DEMAND: The highest measured 30-minute interval kW demand during the billing period.

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

MINIMUM CHARGE: The Daily 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.

Continued to Sheet No. 6.410

Continued from Sheet No. 6.405

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.

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.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

Continued from Sheet No. 6.560

~~MONTHLY~~ RATES:

Basic Service Charge: $~~15.05~~0.70 per day

Energy and Demand Charges: ~~5.539~~6.915 ¢ per kWh (for all pricing periods)

MINIMUM CHARGE: The Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

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

~~FIRM~~ STANDBY AND SUPPLEMENTAL SERVICE DEMAND

SCHEDULE: ~~SBF~~SBD

AVAILABLE: Entire service area.

APPLICABLE: To all secondary voltage served customers, and to primary and subtransmission served customers with a registered demand of 1000 kW or below in all of the last 12 months. Required for all applicable self-generating Customers whose generating capacity in kilowatts (exclusive of emergency generation equipment) exceeds 20% of their site load in kilowatts. ~~and who take firm service from the utility~~. Also available to applicable self-generating Customers 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. Resale not permitted.

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

LIMITATION OF SERVICE: A customer taking service under this tariff must sign a Tariff Agreement for the Purchase of ~~Firm~~ Standby and Supplemental Service. (See Sheet No. 7.600)

~~MONTHLY~~ RATES:

Daily Basic Service Charge:

Secondary Metering Voltage	$ ~~55.18~~1.79
Primary Metering Voltage	$ ~~155.51~~8.10
Subtransmission Metering Voltage	$~~1,018.36~~23.29

CHARGES FOR STANDBY SERVICE:

Demand Charge:

$ ~~1.68~~2.64 per kW-Month of Standby Demand
(Local Facilities Reservation Charge)

plus the greater of:

$ ~~1.55~~2.22 per kW-Month of Standby Demand
(Power Supply Reservation Charge) or

$ ~~0.62~~0.88 per kW-Day of Actual Standby Billing Demand
(Power Supply Demand Charge)

Energy Charge:

~~0.917~~0.992 ¢ per Standby kWh

Continued to Sheet No. 6.601

Continued from Sheet No. 6.600

CHARGES FOR SUPPLEMENTAL SERVICE:

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

Secondary $13.00 per kW Month
Primary $15.00 per kW Month
Subtrans. $16.00 per kW Month

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

Energy Charge:
~~1.589~~2.091 ¢ 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. 6.601

Contract Standby Demand - As established pursuant to the Tariff Agreement for the Purchase of ~~Firm~~ Standby and Supplemental Service. Anytime a customer registers a Standby Demand that is higher than the existing Contract Standby Demand, that Standby Demand will become the new Contract Standby Demand, beginning with the following period.

Standby Demand - The greater of Contract Standby Demand or the amount by which Metered Demand exceeds Supplemental Billing Demand, but no greater than Normal Generation.

Actual Standby Billing Demand - The summation of the daily amounts by which the highest on-peak measured 30-minute interval kW demands served by the Company exceed the monthly Supplemental Billing Demand.

Energy Units: Energy provided by the Company during each 30-minute period up to the Supplemental Demand level shall be billed as Supplemental kWh. The remaining energy shall be billed as Standby kWh.

MINIMUM CHARGE: The Daily Basic Service Charge, Local Facilities Reservation Charge, Power Supply Reservation Charge, and any Minimum Charge associated with optional riders.

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.

Continued to 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~~ 85 ¢ per kW of Supplemental Demand and ~~63¢~~$1.93 per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of $~~2.81~~3.18 per kW of Supplemental Demand and $~~1.97~~2.64 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 6.022. Note: Standby fuel charges shall be based on the time of use (i.e., peak and off-peak) fuel rates for Rate Schedule ~~SBF~~SBD. Supplemental fuel charges shall be based on the standard fuel rate for Rate Schedule ~~SBF~~SBDT.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

TIME-OF-DAY
~~FIRM~~ STANDBY AND SUPPLEMENTAL DEMAND SERVICE
(OPTIONAL)

SCHEDULE: ~~SBFT~~SBDT

AVAILABLE: Entire service area.

APPLICABLE: To all secondary voltage served customers, and to primary and subtransmission served customers with a registered demand of 1000 kW or below in all of the last 12 months. Required for all applicable self-generating Customers whose generating capacity in kilowatts (exclusive of emergency generation equipment) exceeds 20% of their site load in kilowatts and who take firm service from the utility. Also available to applicable self-generating Customers 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. Resale not permitted.

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

LIMITATION OF SERVICE: A Customer taking service under this tariff must sign a Tariff Agreement for the Purchase of ~~Firm~~ Standby and Supplemental Service. (See Sheet No. 7.600)

~~MONTHLY~~ RATES:

Daily Basic Service Charge:

Secondary Metering Voltage	$ ~~55.18~~1.79
Primary Metering Voltage	$ ~~155.51~~8.10
Subtransmission Metering Voltage	$~~1,018.36~~ 23.29

CHARGES FOR STANDBY SERVICE:

Demand Charge:

$	~~1.68~~2.64	per kW-Month of Standby Demand (Local Facilities Reservation Charge)
plus the greater of:		
$	~~1.55~~2.22	per kW-Month of Standby Demand (Power Supply Reservation Charge) or
$	~~0.62~~0.088	per kW-Day of Actual Standby Billing Demand (Power Supply Demand Charge)

Energy Charge:

~~0.917~~0.992 ¢ per Standby kWh

Continued to Sheet No. 6.606

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

Continued from Sheet No. 6.605

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

$~~3.49~~4.15 per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus

$~~7.14~~8.50 per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

~~2.908~~4.250 ¢ per Supplemental kWh during peak hours

~~1.049~~1.311 ¢ 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. 6.606

Peak Site Load - The highest 30-minute customer generation plus deliveries by the Company less deliveries to the Company during the peak hours.

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.

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

Contract Standby Demand - As established pursuant to the Tariff Agreement for the Purchase of Firm Standby and Supplemental Service. Anytime a customer registers a Standby Demand that is higher than the existing Contract Standby Demand, that Standby Demand will become the new Contract Standby Demand, beginning with the following period.

Standby Demand - The greater of Contract Standby Demand or the amount by which Metered Demand exceeds Supplemental Billing Demand, but no greater than Normal Generation.

Actual Standby Billing Demand - The summation of the daily amounts by which the highest on-peak measured 30-minute interval kW demands served by the Company exceed the monthly Supplemental Peak Billing Demand.

Energy Units: Energy provided by the Company during each 30-minute period up to the Supplemental Demand level shall be billed as Supplemental kWh. The remaining energy shall be billed as Standby kWh.

MINIMUM CHARGE: The Daily Basic Service Charge, Local Facilities Reservation Charge, Power Supply Reservation Charge and any Minimum Charge associated with optional riders.

Continued to 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~~85 ¢ per kW of Supplemental Demand and ~~63 ¢~~ $1.93 per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of $~~2.81~~3.18 per kW of Supplemental Demand and $~~1.97~~2.64 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

STANDBY- LARGE - DEMAND PRIMARY

SCHEDULE: SBLDPR

AVAILABLE: Entire service area.

APPLICABLE: To all primary voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the primary voltage level. Required for all applicable self-generating Customers whose generating capacity in kilowatts (exclusive of emergency generation equipment) exceeds 20% of their site load in kilowatts. Also available to all applicable self-generating Customers 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. Resale not permitted.

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase; at primary voltage.

LIMITATION OF SERVICE: A customer taking service under this tariff must sign a Tariff Agreement for the Purchase of Standby and Supplemental Service. (See Sheet No. 7.600)

RATES:

Basic Service Charge: $ 24.53 a day

CHARGES FOR STANDBY SERVICE:

Demand Charge:
$ 1.93 per kW Month of Standby Demand
(Local Facilities Reservation Charge)

plus the greater of:
$ 2.22 per kW-Month of Standby Demand
(Power Supply Reservation Charge) or
$ 0.88 per kW-Day of Actual Standby Billing Demand
(Power Supply Demand Charge)

Energy Charge:

0.992¢ per Standby kWh

Continued to Sheet No. 6.615
~~RESERVED FOR FUTURE USE~~

Continued from Sheet No. 6.610

CHARGES FOR SUPPLEMENTAL SERVICE:

Demand Charge:

$ 15.00 per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)

Energy Charge:

1.400¢ 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 a 30-minute interval in the month exceeds Normal Generation, but no greater than Metered Demand.

Continued to Sheet No. 6.620

Continued from Sheet No. 6.615

Contract Standby Demand - As established pursuant to the Tariff Agreement for the Purchase of Standby and Supplemental Service. Anytime a customer registers a Standby Demand that is higher than the existing Contract Standby Demand, that Standby Demand will become the new Contract Standby Demand, beginning with the following period.

Standby Demand - The greater of Contract Standby Demand or the amount by which Metered Demand exceeds Supplemental Billing Demand, but no greater than Normal Generation.

Actual Standby Billing Demand - The summation of the daily amounts by which the highest on-peak measured 30-minute interval kW demands served by the Company exceed the monthly Supplemental Billing Demand.

Energy Units: Energy provided by the Company during each 30-minute period up to the Supplemental Demand level shall be billed as Supplemental kWh. The remaining energy shall be billed as Standby kWh.

MINIMUM CHARGE: The Daily Basic Service Charge, Local Facilities Reservation Charge, Power Supply Reservation Charge, and any Minimum Charge associated with optional riders.

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

Continued to Sheet No. 6.625
~~**RESERVED FOR FUTURE USE**~~

Continued from Sheet No. 6.625

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 subtransmission or higher voltage, a discount of 1% will apply to the Demand Charge, Energy Charge, Power Factor Billing and Emergency Relay Power Supply Charge.

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 6.022. Note: Standby fuel charges shall be based on the time of use (i.e., peak and off-peak) fuel rates for Rate Schedule SBLDPR. Supplemental fuel charges shall be based on the standard fuel rate for Rate Schedule SBLDPR.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

~~RESERVED FOR FUTURE USE~~

ISSUED BY: ~~C. R. Black~~A. D. Collins,
President

DATE EFFECTIVE: ~~May 7, 2009~~

STANDBY-LARGE DEMAND SUBTRANSMISSION

SCHEDULE: SBLDSU

AVAILABLE: Entire service area.

APPLICABLE: To all subtransmission voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the subtransmission voltage level. Required for all applicable self-generating Customers whose generating capacity in kilowatts (exclusive of emergency generation equipment) exceeds 20% of their site load in kilowatts. Also available to all applicable self-generating Customers 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. Resale not permitted.

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase; at subtransmission voltage.

LIMITATION OF SERVICE: A customer taking service under this tariff must sign a Tariff Agreement for the Purchase of Firm Standby and Supplemental Service. (See Sheet No. 7.600)

RATES:

Daily Basic Service Charge: $103.72 a day

CHARGES FOR STANDBY SERVICE:

Demand Charge:

$ 0.00 per kW-Month of Standby Demand
(Local Facilities Reservation Charge)

plus the greater of:

$ 2.22 per kW-Month of Standby Demand
(Power Supply Reservation Charge) or

$ 0.88 per kW-Day of Actual Standby Billing Demand
(Power Supply Demand Charge)

Energy Charge:

0.992¢ per Standby kWh

Continued to Sheet No. 6.635

Continued from Sheet No. 6.630

CHARGES FOR SUPPLEMENTAL SERVICE:

Demand Charge:
$16.00 per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)

Energy Charge:
2.030¢ 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. 6.640

Continued from Sheet No. 6.635

Contract Standby Demand - As established pursuant to the Tariff Agreement for the Purchase of Standby and Supplemental Service. Anytime a customer registers a Standby Demand that is higher than the existing Contract Standby Demand, that Standby Demand will become the new Contract Standby Demand, beginning with the following period.

Standby Demand - The greater of Contract Standby Demand or the amount by which Metered Demand exceeds Supplemental Billing Demand, but no greater than Normal Generation.

Actual Standby Billing Demand - The summation of the daily amounts by which the highest on-peak measured 30-minute interval kW demands served by the Company exceed the monthly Supplemental Billing Demand.

Energy Units: Energy provided by the Company during each 30-minute period up to the Supplemental Demand level shall be billed as Supplemental kWh. The remaining energy shall be billed as Standby kWh.

MINIMUM CHARGE: The Daily Basic Service Charge, Local Facilities Reservation Charge, Power Supply Reservation Charge, and any Minimum Charge associated with optional riders.

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

Continued to Sheet No. 6.645

Continued from Sheet No. 6.640

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.

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

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022. Note: Standby fuel charges shall be based on the time of use (i.e., peak and off-peak) fuel rates for Rate Schedule SBLDSU. Supplemental fuel charges shall be based on the standard fuel rate for Rate Schedule SBLDSU.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

TIME-OF-DAY
STANDBY AND SUPPLEMENTAL SERVICE
LARGE-DEMAND
PRIMARY
(OPTIONAL)

SCHEDULE: SBLDTPR

AVAILABLE: Entire service area.

APPLICABLE: To all primary voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the primary voltage level. Required for all applicable self-generating Customers whose generating capacity in kilowatts (exclusive of emergency generation equipment) exceeds 20% of their site load in kilowatts. Also available to all applicable self-generating Customers 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. Resale not permitted.

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase; at primary voltage.

LIMITATION OF SERVICE: A Customer taking service under this tariff must sign a Tariff Agreement for the Purchase of Standby and Supplemental Service. (See Sheet No. 7.600)

RATES:

Daily Basic Service Charge: $ 24.53 a day

CHARGES FOR STANDBY SERVICE:

Demand Charge:
$ 1.93 per kW-Month of Standby Demand
(Local Facilities Reservation Charge)
plus the greater of:
$ 2.22 per kW-Month of Standby Demand
(Power Supply Reservation Charge) or
$ 0.88 per kW-Day of Actual Standby Billing Demand
(Power Supply Demand Charge)

Energy Charge:
0.992¢ per Standby kWh

Continued to Sheet No. 6.655

Continued from Sheet No. 6.650

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

$ 4.79	per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus
$ 9.81	per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

3.047¢	per Supplemental kWh during peak hours
0.807¢	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 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.

Peak Site Load - The highest 30-minute customer generation plus deliveries by the Company less deliveries to the Company during the peak hours.

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

Continued to Sheet No. 6.660

Continued from Sheet No. 6.655

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.

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

Contract Standby Demand - As established pursuant to the Tariff Agreement for the Purchase of Standby and Supplemental Service. Anytime a customer registers a Standby Demand that is higher than the existing Contract Standby Demand, that Standby Demand will become the new Contract Standby Demand, beginning with the following period.

Standby Demand - The greater of Contract Standby Demand or the amount by which Metered Demand exceeds Supplemental Billing Demand, but no greater than Normal Generation.

Actual Standby Billing Demand - The summation of the daily amounts by which the highest on-peak measured 30-minute interval kW demands served by the Company exceed the monthly Supplemental Peak Billing Demand.

Energy Units: Energy provided by the Company during each 30-minute period up to the Supplemental Demand level shall be billed as Supplemental kWh. The remaining energy shall be billed as Standby kWh.

MINIMUM CHARGE: The Daily Basic Service Charge, Local Facilities Reservation Charge, Power Supply Reservation Charge and any Minimum Charge associated with optional riders.

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

Continued to Sheet No. 6.665

Continued from Sheet No. 6.660

METERING VOLTAGE ADJUSTMENT: When the customer takes energy metered at subtransmission or higher voltage, a discount of 1% will apply to the Demand Charges, Energy Charges, Power Factor Billing and Emergency Relay Power Supply Charge.

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.

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 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

TIME-OF-DAY
STANDBY AND SUPPLEMENTAL SERVICE
LARGE-DEMAND
SUBTRANSMISSION
(OPTIONAL)

SCHEDULE: SBLDTSU

AVAILABLE: Entire service area.

APPLICABLE: To all subtransmission voltage served customers with a registered demand of 1000 kW or above once in the last 12 months. Customer must take service at the subtransmission voltage level. Required for all applicable self-generating Customers whose generating capacity in kilowatts (exclusive of emergency generation equipment) exceeds 20% of their site load in kilowatts and who take service from the utility. Also available to all applicable self-generating Customers 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. Resale not permitted.

CHARACTER OF SERVICE: A-C; 60 cycles; 3 phase; at subtransmission voltage.

LIMITATION OF SERVICE: A Customer taking service under this tariff must sign a Tariff Agreement for the Purchase of Standby and Supplemental Service. (See Sheet No. 7.600)

RATES:

Daily Basic Service Charge: $ 103.72 per day

CHARGES FOR STANDBY SERVICE:

Demand Charge:
$ 0.00 per kW-Month of Standby Demand
(Local Facilities Reservation Charge)
plus the greater of:
$ 2.22 per kW-Month of Standby Demand
(Power Supply Reservation Charge) or
$ 0.88 per kW-Day of Actual Standby Billing Demand
(Power Supply Demand Charge)

Energy Charge:
0.992¢ per Standby kWh

Continued to Sheet No. 6.675

Continued from Sheet No. 6.670

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

$5.11	per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus
$10.46	per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

3.688¢	per Supplemental kWh during peak hours
1.499¢	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.

Peak Site Load - The highest 30-minute customer generation plus deliveries by the Company less deliveries to the Company during the peak hours.

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

Continued to Sheet No. 6.680

Continued from Sheet No. 6.675

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.

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

Contract Standby Demand - As established pursuant to the Tariff Agreement for the Purchase of Standby and Supplemental Service. Anytime a customer registers a Standby Demand that is higher than the existing Contract Standby Demand, that Standby Demand will become the new Contract Standby Demand, beginning with the following period.

Standby Demand - The greater of Contract Standby Demand or the amount by which Metered Demand exceeds Supplemental Billing Demand, but no greater than Normal Generation.

Actual Standby Billing Demand - The summation of the daily amounts by which the highest on-peak measured 30-minute interval kW demands served by the Company exceed the monthly Supplemental Peak Billing Demand.

Energy Units: Energy provided by the Company during each 30-minute period up to the Supplemental Demand level shall be billed as Supplemental kWh. The remaining energy shall be billed as Standby kWh.

MINIMUM CHARGE: The Daily Basic Service Charge, Local Facilities Reservation Charge, Power Supply Reservation Charge and any Minimum Charge associated with optional riders.

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

Continued to Sheet No. 6.685

Continued from Sheet No. 6.680

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.

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.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE CHARGE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

~~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~~

RESERVED FOR FUTURE USE

~~Continued from Sheet No. 6.700~~

~~Energy Charge:~~
~~2.513¢ per Supplemental KWH~~
~~1.009¢ per Standby 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:~~	~~12:00 Noon - 9:00 PM~~	~~6:00 AM - 10:00 AM~~
~~(Monday-Friday)~~		~~and~~
		~~6:00 PM - 10:00 PM~~

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

~~**BILLING UNITS:**~~

~~Demand Units:~~ ~~Metered Demand - The highest measured 30-minute interval KW demand served by the company during the month.~~

~~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 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. 6.710~~

RESERVED FOR FUTURE USE

~~Continued from Sheet No. 6.705~~

~~Contract Standby Demand - As established pursuant to the Tariff Agreement for the Purchase of Standby and Supplemental Service. Anytime a customer registers a Standby Demand that is higher than the existing Contract Standby Demand, that Standby Demand will become the new Contract Standby Demand, beginning with the following period.~~

~~Standby Demand - The greater of Contract Standby Demand or the amount by which Metered Demand exceeds Supplemental Demand, but no greater than Normal Generation.~~

~~Actual Standby Billing Demand - The summation of the daily amounts by which the highest on-peak measured 30-minute interval KW demands served by the Company exceed the monthly Supplemental Demand.~~

~~Energy Units:~~ ~~Energy provided by the Company during each 30-minute period up to the Supplemental Demand level shall be billed as Supplemental KWH. The remaining energy shall be billed as Standby KWH.~~

~~MINIMUM CHARGE~~: ~~The Basic Service Charge, Local Facilities Reservation Charge, and Bulk Transmission Reservation Charge.~~

RESERVED FOR FUTURE USE

~~Continued to 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 6.022.~~

ENERGY CONSERVATION RECOVERY CHARGE: ~~See Sheet Nos. 6.021 and 6.022.~~

CAPACITY RECOVERY CHARGE: ~~See Sheet Nos. 6.020 and 6.022.~~

ENVIRONMENTAL RECOVERY CHARGE: ~~See Sheet Nos. 6.020 and 6.022.~~

FLORIDA GROSS RECEIPTS TAX: ~~See Sheet No. 6.023.~~

FRANCHISE FEE CHARGE: ~~See Sheet No. 6.023.~~

PAYMENT OF BILLS: ~~See Sheet No. 6.023.~~

STORM PROTECTION PLAN RECOVERY CHARGE: ~~See Sheet Nos. 6.021 and 6.023.~~

RESERVED FOR FUTURE USE

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

Continued from Sheet No. 6.720

DESCRIPTION: A credit based on the percentages below will be applied to the base demand charges and base energy charges of the Customer's otherwise applicable rate schedule associated with the Customer's New Load:

Year 1 – 20% reduction in base demand and energy charges*
Year 2 – 15% "
Year 3 – 10% "
Year 4 – 5% "
Year 5 – 0% "

* All other charges including basic service, fuel cost recovery, capacity cost recovery, conservation cost recovery, and environmental cost recovery and storm protection plan cost recovery will also be based on the Customer's otherwise applicable rate. The otherwise applicable rates may be any of the following: GSD, GSDT, GSLDPR and GSLDSU. Any Customer taking service under the CISR Rider is ineligible to take service under this EDR Rider.

The credit will begin once the Customer has achieved the minimum load and job requirements.

TERM OF SERVICE: The Customer agrees to a five-year contract term. Service under this Rider will terminate at the end of the fifth year.

The Company may terminate service under this Rider at any time if the Customer fails to comply with the terms and conditions of this Rider. Failure to: 1) maintain the level of employment specified in the Customer's Service Agreement and/or 2) purchase from the Company the amount of load specified in the Customer's Service Agreement may be considered grounds for termination.

PROVISIONS FOR EARLY TERMINATION: If the Company terminates service under this Rider for the Customer's failure to comply with its provisions, the Customer will be required to reimburse the Company for any discounts received under this Rider plus interest.

If the Customer opts to terminate service under this Rider before the term of service specified in the Service Agreement the Customer will be required to reimburse the Company for any discounts received under this Rider plus interest.

The Service Agreement will automatically terminate if the minimum load and job requirements has not been achieved within 120 days of the effective date of the Service Agreement.

RULES AND REGULATIONS: Service under this schedule is subject to orders of governmental bodies having jurisdiction and to the currently effective "General Rules and Regulations for Electric Service" on file with the Florida Public Service Commission. In case of conflict between any provision of this schedule and said "General Rules and Regulations for Electric Service" the provision of this schedule shall apply.

COMMERCIAL/ INDUSTRIAL SERVICE RIDER

SCHEDULE: CISR-2

AVAILABLE: Entire Service Area. Available, at the Company's option, to non-residential customers currently taking firm service or qualified to take firm service under the Company's Tariff Schedules GSD or GSDT, GSLDPR, GSLDSU, GSLDTPR and GSLDTSU. Customers desiring to take service under this rider must make a written request for service. Such request shall be subject to the Company's approval with the Company under no obligation to grant service under this rider. Resale not permitted.

This rider will be closed to further subscription by eligible customers when one of the two conditions has occurred: (1) The total capacity subject to executed Contract Service Arrangements ("CSAs") reaches 500 megawatts of connected load or (2) The Company has executed twenty-five (25) CSAs with eligible customers under this rider. These limitations on subscription can be removed or revised by the Commission at any time upon good cause having been shown by the Company.

The Company is not authorized by the Florida Public Service Commission to offer a CSA under this rate schedule in order to shift existing load currently being served by a Florida electric utility pursuant to a tariff rate schedule on file with the Florida Public Service Commission away from that utility to Tampa Electric Company.

APPLICABLE: Service provided under this optional rider shall be applicable to all, or a portion of the customer's existing or projected electric service requirements which the customer and the Company have determined, but for the application of this rider, would not be served by the Company and which otherwise qualifies for such service under the terms and conditions set forth herein ("Applicable Load"). Two categories of Applicable Load shall be recognized: Retained Load (existing load at an existing location) and New Load (all other Applicable Load).
Applicable Load must be served behind a single meter and must exceed a minimum level of demand determined from the following provisions:

Retained Load: For Customers whose highest metered demand in the past 12 months was less than 10,000 KW, the minimum Qualifying Load would be the greater of 500 KW or 20% of the highest metered demand in the past 12 months; or

For Customers whose highest metered demand in the past 12 months was greater than or equal to 10,000 KW, the minimum Qualifying Load would be 2,000 KW.

New Load: 500 KW of installed, connected demand.

Continued to Sheet No. 6.745

Continued from Sheet No. 6.740

Any customer receiving service under this Rider must provide the following documentation, the sufficiency of which shall be determined by the Company:

1. Legal attestation by the customer (through an affidavit signed by an authorized representative of the customer) to the effect that, but for the application of this rider to the New or Retained Load, such load would not be served by the Company;

2. Such documentation as the Company may request demonstrating to the Company's satisfaction that there is a viable lower cost alternative (excluding alternatives in which the Company has an ownership or operating interest) to the customer's taking electric service from the Company; and

3. In the case of existing customer, an agreement to provide the Company with a recent energy audit of the customer's physical facility (the customer may have the audit performed by the Company at no expense to the customer) which provides sufficient detail to provide reliable cost and benefit information on energy efficiency improvements which could be made to reduce the customer's cost of energy in addition to any discounted pricing provided under this rider.

CHARACTER OF SERVICE:
This optional rider is offered in conjunction with the rates, terms and conditions of the tariff under which the customer takes service and affects the total bill only to the extent that negotiated rates, terms and conditions differ from the rates, terms and conditions of the otherwise applicable rate schedules as provided for under this rider.

MONTHLY CHARGES:
Unless specifically noted in this rider or within the CSA, the charges assessed for service shall be those found within the otherwise applicable rate schedules.

ADDITIONAL DAILY BASIC SERVICE CHARGE:
$~~276.97~~ 9.23 a day.

DEMAND/ENERGY CHARGES:
The negotiable charges under this rider may include the Demand and/or Energy Charges as set forth in the otherwise applicable tariff schedule. The specific charges or procedure for calculating the charges under this rider shall be set forth in the negotiated CSA and shall recover all incremental costs the Company incurs in serving the customer plus a contribution to the Company's fixed costs.

Continued to Sheet No. 6.750

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~~3.47	2.48	~~0.47~~.69	~~0.24~~.35
802	862	Cobra/Nema[1]	6,300	70	29	14	~~3.20~~3.52	2.11	~~0.69~~1.00	~~0.33~~.48
803	863	Cobra/Nema[1]	9,500	100	44	22	~~3.63~~3.99	2.33	~~1.04~~1.52	~~0.52~~.76
804	864	Cobra[1]	16,000	150	66	33	~~4.18~~4.60	2.02	~~1.57~~2.28	~~0.78~~1.14
805	865	Cobra[1]	28,500	250	105	52	~~4.87~~5.36	2.60	~~2.49~~3.63	~~1.23~~1.80
806	866	Cobra[1]	50,000	400	163	81	~~5.09~~5.60	2.99	~~3.87~~5.63	~~1.92~~2.80
468	454	Flood[1]	28,500	250	105	52	~~5.37~~5.91	2.60	~~2.49~~3.63	~~1.23~~1.80
478	484	Flood[1]	50,000	400	163	81	~~5.71~~6.28	3.00	~~3.87~~5.63	~~1.92~~2.80
809	869	Mongoose[1]	50,000	400	163	81	~~6.50~~7.15	3.02	~~3.87~~5.63	~~1.92~~2.80
509	508	Post Top (PT)[1]	4,000	50	20	10	~~3.98~~3.98	2.48	~~0.47~~.69	~~0.24~~.35
570	530	Classic PT[1]	9,500	100	44	22	~~11.85~~13.03	1.89	~~1.04~~1.52	~~0.52~~.76
810	870	Coach PT[1]	6,300	70	29	14	~~4.71~~5.18	2.11	~~0.69~~1.00	~~0.33~~.48
572	532	Colonial PT[1]	9,500	100	44	22	~~11.75~~11.75	1.89	~~1.04~~1.52	~~0.52~~.76
573	533	Salem PT[1]	9,500	100	44	22	~~9.03~~9.93	1.89	~~1.04~~1.52	~~0.52~~.76
550	534	Shoebox[1]	9,500	100	44	22	~~8.01~~8.81	1.89	~~1.04~~1.52	~~0.52~~.76
566	536	Shoebox[1]	28,500	250	105	52	~~8.69~~9.56	3.18	~~2.49~~3.63	~~1.23~~1.80
552	538	Shoebox[1]	50,000	400	163	81	~~9.52~~9.52	2.44	~~3.87~~3.63	~~1.92~~2.80

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

(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~~3.457¢ 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	~~7.538~~.28	4.99	~~3.274~~.77	~~1.642~~.39
520	522	Cobra[1]	32,000	400	159	79	~~6.036~~.63	4.01	~~3.775~~.50	~~1.872~~.73
705	725	Flood[1]	29,700	350	138	69	~~8.559~~.40	5.04	~~3.274~~.77	~~1.642~~.39
556	541	Flood[1]	32,000	400	159	79	~~8.369~~.19	4.02	~~3.775~~.50	~~1.872~~.73
558	578	Flood[1]	107,800	1,000	383	191	~~10.5011~~.55	8.17	~~9.091~~3.24	~~4.536~~.60
701	721	General PT[1]	12,000	150	67	34	~~10.6011~~.66	3.92	~~1.592~~.32	~~0.811~~.18
574	548	General PT[1]	14,400	175	74	37	~~10.8911~~.98	3.73	~~1.762~~.56	~~0.881~~.28
700	720	Salem PT[1]	12,000	150	67	34	~~9.3310~~.26	3.92	~~1.592~~.32	~~0.811~~.18
575	568	Salem PT[1]	14,400	175	74	37	~~9.3810~~.31	3.74	~~1.762~~.56	~~0.881~~.28
702	722	Shoebox[1]	12,000	150	67	34	~~7.227~~.94	3.92	~~1.592~~.32	~~0.811~~.18
564	549	Shoebox[1]	12,800	175	74	37	~~7.958~~.74	3.70	~~1.762~~.56	~~0.881~~.28
703	723	Shoebox[1]	29,700	350	138	69	~~9.5510~~.50	4.93	~~3.274~~.77	~~1.642~~.39
554	540	Shoebox[1]	32,000	400	159	79	~~10.0211~~.02	3.97	~~3.775~~.50	~~1.872~~.73
576	577	Shoebox[1]	107,800	1,000	383	191	~~16.5018~~.14	8.17	~~9.091~~3.24	~~4.536~~.60

[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~~3.457¢ 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~~7.99	1.74	~~0.47~~0.69	~~0.24~~0.35
820	840	Roadway [1]	7,577	103	36	18	~~11.15~~11.26	1.19	~~0.85~~1.24	~~0.43~~0.62
821	841	Roadway[1]	8,300	106	37	19	~~11.15~~11.26	1.20	~~0.88~~1.28	~~0.45~~0.66
829	849	Roadway[1]	15,285	157	55	27	~~11.10~~12.21	2.26	~~1.31~~1.90	~~0.64~~0.93
822	842	Roadway[1]	15,300	196	69	34	~~14.58~~16.03	1.26	~~1.64~~2.39	~~0.81~~1.18
823	843	Roadway[1]	14,831	206	72	36	~~16.80~~18.47	1.38	~~1.71~~2.49	~~0.85~~1.24
835	855	Post Top[1]	5,176	60	21	11	~~16.53~~18.18	2.28	~~0.50~~0.73	~~0.26~~0.38
824	844	Post Top[1]	3,974	67	24	12	~~19.67~~21.63	1.54	~~0.57~~0.83	~~0.28~~0.41
825	845	Post Top[1]	6,030	99	35	17	~~20.51~~22.55	1.56	~~0.83~~1.21	~~0.40~~0.59
836	856	Post Top[1]	7,360	100	35	18	~~16.70~~18.36	2.28	~~0.83~~1.21	~~0.43~~0.62
830	850	Area-Lighter[1]	14,100	152	53	27	~~14.85~~16.33	2.51	~~1.26~~1.83	~~0.64~~0.93
826	846	Area-Lighter[1]	13,620	202	71	35	~~19.10~~21.00	1.41	~~1.68~~2.45	~~0.83~~1.21
827	847	Area-Lighter[1]	21,197	309	108	54	~~20.60~~22.65	1.55	~~2.56~~3.73	~~1.28~~1.87
831	851	Flood[1]	22,122	238	83	42	~~15.90~~17.48	3.45	~~1.97~~2.87	~~1.00~~1.45
832	852	Flood[1]	32,087	359	126	63	~~19.16~~21.07	4.10	~~2.99~~4.36	~~1.49~~2.18
833	853	Mongoose[1]	24,140	245	86	43	~~14.71~~16.18	3.04	~~2.04~~2.97	~~1.02~~1.49
834	854	Mongoose[1]	32,093	328	115	57	~~16.31~~17.94	3.60	~~2.73~~3.98	~~1.35~~1.97

[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~~3.457¢ per kWh for each fixture.

Continued to Sheet No. 6.810

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

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	~~4.835~~.41	1.74	0.~~213~~1	~~0.12~~.17
914		Roadway	5,392	47	16		~~5.976~~.61	1.74	0.~~385~~5	
921		Roadway/Area	8,500	88	31		~~8.979~~.89	1.74	~~0.74~~1.07	
926	982	Roadway	12,414	105	37	18	~~6.837~~.43	1.19	~~0.88~~1.28	~~0.43~~.62
932		Roadway/Area	15,742	133	47		~~14.151~~5.10	1.38	~~1.12~~1.62	
935		Area-Lighter	16,113	143	50		~~11.741~~2.90	1.41	~~1.19~~1.73	
937		Roadway	16,251	145	51		~~8.619~~.73	2.26	~~1.21~~1.76	
941	983	Roadway	22,233	182	64	32	~~11.811~~2.97	2.51	~~1.52~~2.21	~~0.76~~1.11
945		Area-Lighter	29,533	247	86		~~16.071~~7.45	2.51	~~2.04~~2.97	
947	984	Area-Lighter	33,600	330	116	58	~~20.132~~2.01	1.55	~~2.754~~.01	~~1.382~~.01
951	985	Flood	23,067	199	70	35	~~11.121~~2.69	3.45	~~1.662~~.42	~~0.831~~.21
953	986	Flood	33,113	255	89	45	~~21.482~~2.82	4.10	~~2.113~~.08	~~1.071~~.56
956	987	Mongoose	23,563	225	79	39	~~11.781~~2.68	3.04	~~1.872~~.73	~~0.931~~.35
958		Mongoose	34,937	333	117		~~17.841~~9.52	3.60	~~2.784~~.04	
965		Granville Post Top (PT)	3,024	26	9		~~5.806~~.48	2.28	~~0.21~~.31	
967	988	Granville PT	4,990	39	14	7	~~13.351~~4.55	2.28	~~0.33~~.48	~~0.17~~.24
968	989	Granville PT Enh[4]	4,476	39	14	7	~~15.351~~6.39	2.28	~~0.33~~.48	~~0.17~~.24
971		Salem PT	5,240	55	19		~~10.951~~1.88	1.54	~~0.45~~.66	
972		Granville PT	7,076	60	21		~~14.621~~5.36	2.28	~~0.50~~.73	
973		Granville PT Enh[4]	6,347	60	21		~~16.621~~8.15	2.28	~~0.50~~.73	
975	990	Salem PT	7,188	76	27	13	~~13.171~~	1.54	~~0.64~~.9	~~0.31~~.4

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

							4.04		3	5

(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~~3.457¢ per kWh for each fixture.
(4) Enhanced Post Top. Customizable decorative options

Continued to Sheet No. 6.810

Continued from Sheet No. 6.808

Pole/Wire and Pole/Wire Maintenance Charges:

Rate Code	Style	Description	Wire Feed	Charge Per Unit	
				Pole/Wire	Maintenance
425	Wood (Inaccessible)(1)	30 ft	OH	~~$6.03~~6.88	$0.17
626	Wood	30 ft	OH	~~$2.61~~2.97	$0.17
627	Wood	35 ft	OH	~~$2.95~~3.54	$0.17
597	Wood	40/45 ft	OH	~~$6.64~~7.51	$0.31
637	Standard	35 ft, Concrete	OH	~~$5.34~~6.63	$0.17
594	Standard	40/45 ft, Concrete	OH	~~$10.00~~11.56	$0.31
599	Standard	16 ft, DB Concrete	UG	~~$16.03~~17.21	$0.14
595	Standard	25/30 ft, DB Concrete	UG	~~$21.54~~23.71	$0.14
588	Standard	35 ft, DB Concrete	UG	~~$23.58~~24.68	$0.34
607	Standard (70 - 100 W or up to 100 ft span)(1)	35 ft, DB Concrete	UG	~~$11.33~~14.25	$0.34
612	Standard (150 W or 100 -150 ft span)(1)	35 ft, DB Concrete	UG	~~$15.38~~19.55	$0.34
614	Standard (250 -400W or above 150 ft span)(1)	35 ft, DB Concrete	UG	~~$23.24~~25.74	$0.34
596	Standard	40/45 ft, DB Concrete	UG	~~$27.71~~29.21	$0.14
523	Round (1)	23 ft, DB Concrete	UG	~~$20.42~~25.43	$0.14
591	Tall Waterford	35 ft, DB Concrete	UG	~~$28.82~~34.12	$0.14
592	Victorian	PT, DB Concrete	UG	~~$24.58~~29.61	$0.14
593	Winston	PT, DB Aluminum	UG	~~$13.72~~15.55	$1.10
583	Waterford	PT, DB Concrete	UG	~~$21.16~~23.27	$0.14
422	Aluminum(1)	10 ft, DB Aluminum	UG	~~$7.83~~9.69	$1.30
616	Aluminum	27 ft, DB Aluminum	UG	~~$27.86~~29.81	$0.34
615	Aluminum	28 ft, DB Aluminum	UG	~~$11.79~~12.70	$0.34
622	Aluminum	37 ft, DB Aluminum	UG	~~$40.07~~43.17	$0.34
623	Waterside	38 ft, DB Aluminum	UG	~~$37.44~~36.60	$3.85
584	Aluminum(1)	PT, DB Aluminum	UG	~~$17.02~~18.22	$1.10
581	Capitol(1)	PT, DB Aluminum	UG	~~$26.70~~27.92	$1.10
586	Charleston	PT, DB Aluminum	UG	~~$20.43~~21.51	$1.10
585	Charleston Banner	PT, DB Aluminum	UG	~~$26.51~~27.89	$1.10
590	Charleston HD	PT, DB Aluminum	UG	~~$23.22~~24.69	$1.10
580	Heritage(1)	PT, DB Aluminum	UG	~~$19.63~~20.88	$1.10
587	Riviera(1)	PT, DB Aluminum	UG	~~$20.56~~20.50	$1.10
589	Steel(1)	30 ft, AB Steel	UG	~~$39.21~~41.27	$1.68
624	Fiber(1)	PT, DB Fiber	UG	~~$7.12~~9.36	$1.30
582	Winston (1)	PT, DB Fiber	UG	~~$13.72~~15.06	$1.10
525	Franklin Composite	PT, DB Composite	UG	~~$23.91~~24.58	$1.10
641	Existing Pole		UG	~~$4.95~~5.28	$0.34

(1) Closed to new business

Continued from Sheet No. 6.815

ISSUED BY: ~~G. L. Gillette~~A. D. Collins, President

DATE EFFECTIVE: ~~February 6, 2018~~

Continued from Sheet No. 6.810

Miscellaneous Facilities Charges:

Rate Code	Description	Monthly Facility Charge	Monthly Maintenance Charge
563	Timer	~~$7.54~~8.29	$1.43
569	PT Bracket (accommodates two post top fixtures)	~~$4.27~~4.70	$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 directional boring.
10. specialized permitting that is incremental to a standard construction permit, and
~~10.~~11. specialized engineering scope required by either the customer or by local code or ordinance that is unique to the requested work.

MINIMUM CHARGE: The monthly charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023

FRANCHISE FEE: See Sheet No. 6.023

PAYMENT OF BILLS: See Sheet No. 6.023

STORM PROTECTION PLAN RECOVERY PLAN: See Sheet Nos. 6.021 and 6.023

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~~3.457¢ per kWh of metered usage, plus a Basic Service Charge of $~~1~~0.~~52~~70 per ~~month~~ day and the applicable additional charges as specified on Sheet Nos. 6.020. 6.021, 6.022 and 6.023.

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~~3.457¢ per kWh of metered usage, plus a Basic Service Charge of $~~10.52~~0.70 per ~~month~~ day and the applicable additional charges as specified on Sheet Nos. 6.020, 6.021, 6.022 and 6.023

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 ~~1.190~~0.93% 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~~3.457¢ per kWh.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.022.

ENERGY CONSERVATION RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.022.

CAPACITY RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

ENVIRONMENTAL RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.022.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.023.

FRANCHISE FEE: See Sheet No. 6.023.

PAYMENT OF BILLS: See Sheet No. 6.023.

STORM PROTECTION PLAN RECOVERY CHARGE: See Sheet Nos. 6.021 and 6.023.

TARIFF AGREEMENT FOR THE PURCHASE OF INDUSTRIAL LOAD MANAGEMENT RIDER SERVICE

This agreement is made and entered into this_____day of _____, ____, by and between_____, (hereinafter called the "Customer") and Tampa Electric Company, a corporation organized in and existing under the laws of the State of Florida, (hereinafter called the "Company").

WITNESSETH:

That for and in consideration of the mutual covenants and agreements expressed herein, the Company and the Customer agree as follows:

1. The Company agrees to furnish and the Customer agrees to take electric service subject to the terms and conditions of an applicable general service rate schedule (i. e., GSD, GSDT, GSLDPR, GSLDSU, GSLDTPR or GSLDTSU ~~IS or IST~~) and the Industrial Load Management Rider GSLM-2 (attached as Exhibit "A"), as currently approved by the Florida Public Service Commission (hereinafter referred to as the FPSC) or as said rate schedules or rider may be modified in the future and approved by the FPSC.

2. The Customer agrees to the control of all or part of its electrical service, the description of which is described in Exhibit "B". The Customer understands and agrees that the service description will apply for the full term of this Agreement, unless mutually agreed to be changed by both parties with a revised or substituted Exhibit "B".

3. The Company will notify the Customer as soon as possible before an unscheduled interruption or curtailment occurs. However, there may be conditions when the Company will not be able to provide the customer with advance notice and immediate interruption or curtailment may occur.

Continued to Sheet No. 7.151

TARIFF AGREEMENT FOR THE PROVISION OF STANDBY GENERATOR TRANSFER SERVICE

This Agreement is made and entered into this _____ day of _____, -_____, by and between_____
(hereinafter called the "Customer") and TAMPA ELECTRIC COMPANY (hereinafter called the "Company"), a corporation organized and existing under the laws of the State of Florida.

WITNESSETH:

That for and in consideration of the mutual covenants and agreements expressed herein, the Company and the Customer agree as follows:

1. The Company agrees to furnish and the Customer agrees to take electric service subject to the terms and conditions of a general service rate schedule (i.e. GSD, GSDT, ~~SBF~~SBD, or ~~SBFT~~SBDT) and the Standby Generator Rider (GSSG-1). Company's presently approved Schedule GSSG-1 is attached hereto as Exhibit "A".

2. The Customer agrees that, promptly after this agreement is executed, but in no event more than three months thereafter, the Company will engineer, provide, install, and activate equipment as described in the Standby Generator Contact Record which is attached hereto as Exhibit "B".

3. The Customer shall be obligated to promptly notify the Company, in writing, concerning any planned or anticipated change (either an increase or a decrease) in the Customer's load, load factor or generation capacity which might result in a change in the Customer's load transfer capability.

4. Prior to the Customer's receiving service under Schedule GSSG-1, the Customer must provide the Company reasonable access to inspect any and all of the Customer's load to be transferred. The Customer shall be responsible for meeting any applicable code standards and legal requirements pertaining to the installation and operation of the equipment. The Customer shall be solely responsible for maintaining Customer-owned equipment in proper working order, and shall provide the Company access at all reasonable times to inspect the Company's equipment to determine its condition.

Continued to Sheet No. 7.551

TARIFF AGREEMENT FOR THE PURCHASE OF STANDBY AND SUPPLEMENTAL SERVICE

This agreement is made and entered into this_____day of_____, _____, by and between _____ _____, (hereinafter called the "Customer") and Tampa Electric Company, a corporation organized in and existing under the laws of the State of Florida, (hereinafter called the "Company").

WITNESSETH:

WHEREAS, standby and/or supplemental service is supplied to customers whose electric energy requirements are normally and/or partially supplied by sources other than the Company, and the Customer requires standby and/or supplemental service from the Company.

NOW, THEREFORE, in consideration of the mutual covenants expressed herein, the Company and the Customer agree as follows:

1. The Company agrees to furnish and the Customer agrees to take power pursuant to the terms and conditions of rate schedule ____ (~~SBF~~SBD, ~~SBFT~~SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~), as currently approved by the Florida Public Service Commission (hereinafter called the Commission) or as said rate schedule may be modified in the future and approved by the Commission.
The Customer further agrees to abide by all applicable requirements of said rate schedule. A copy of the Company's presently approved rate schedule ____ (~~SBF,~~ ~~SBFT~~SBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~) is attached hereto as Exhibit "A" and made part hereof.

2. Standby service will be furnished by the Company to a Customer requiring Back-up Power or Maintenance Power or both, which are defined as follows:

a. Back-up Power - Electric energy or capacity supplied by the utility to replace energy or capacity normally generated by a Customer's own generation equipment during an unscheduled outage of the Customer's generation.

Continued to Sheet No. 7.601

Continued from Sheet No. 7.600

b. Maintenance Power - Electric energy or capacity supplied by the utility to replace energy or capacity normally generated by a Customer's own generation equipment during a scheduled outage of the Customer's generation.

3. Supplemental service will be furnished by the Company to a Customer requiring Supplemental Power, which is defined as electric energy or capacity supplied by the utility in addition to that which is normally provided by the Customer's own generation equipment.

4. The Standby service provided by the Company shall be subject to a Contract Standby Demand, which is mutually agreed to be initially _____ KW (for SBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU).

5. The Customer opts to take supplemental and standby service under the _____ (~~SBF, SBFT~~SBD,SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~) tariff and shall have the right to transfer to the other option at any time without additional charge. If the Customer requests to change a second time, the Customer will be required to sign a contract to remain on that option for at least one year.

6. The Contract Standby Demand may be decreased by mutual consent, provided the Customer has sufficiently demonstrated that his Standby requirements are now less than the Contract Standby Demand.

7. If the Customer's Contract Standby Demand has been decreased (as provided for in Section 6) and within 24 months of the original agreed upon change the Customer subsequently increases the Contract Standby Demand either by contract change or through operation of tariff provisions, the Company will immediately bill the Customer for the difference between what was billed during the elapsed time as demand charges and what would have been billed to the Customer as demand charges using the lesser of the newly established Contract Standby Demand or the Contract Standby Demand in effect before the decrease.

Terms of Agreement

8. The initial term of this agreement shall be ~~the same~~ ~~five (5)~~three (3) years minimum notice the Customer is required to give the Company in advance of transferring to a ~~firm~~ non-standby rate as specified in Exhibit "A". The first billing period for standby and supplemental service will begin _____, 20_____.

Continued to Sheet No. 7.602

TECO TAMPA ELECTRIC AN EMERA COMPANY

TECO TAMPA ELECTRIC

SUPPLEMENTAL TARIFF AGREEMENT FOR THE PURCHASE OF INDUSTRIAL STANDBY AND SUPPLEMENTAL LOAD MANAGEMENT RIDER SERVICE

This supplemental agreement is made and entered into this ___ day of _____, _____by and between _____ (hereinafter called the "Customer") and Tampa Electric Company, a corporation organized in and existing under the laws of the State of Florida, (hereinafter called the Company").

WITNESSETH:

WHEREAS, the Customer takes service from the Company under rate schedule _____(~~SBF, SBFT~~SBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~); and

WHEREAS, the Customer desires to take Industrial Standby and Supplemental Load Management Rider Service (GSLM-3) in conjunction with service under rate schedule _____ (~~SBF, SBFT~~SBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~); and

WHEREAS, GSLM-3 service requires additional terms and conditions that supplement the Tariff Agreement for the Purchase of Standby and Supplemental Service entered into in order to take _____ (~~SBF, SBFT~~SBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~) service; and

NOW, THEREFORE, in consideration of the mutual covenants expressed herein, the Company and the Customer agrees as follows:

Continued to Sheet No. 7.626

Continued from Sheet No. 7.625

1. The Company agrees to furnish and the Customer agrees to take electric service subject to the terms and conditions of rate schedule _____ (~~SBF, SBFT~~SBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU ~~or SBI~~) and the Industrial Standby and Supplemental Load Management Rider GSLM-3 (attached as Exhibit "B"), as currently approved by the Florida Public Service Commission (hereinafter referred to as the FPSC) or as said rate schedules or rider may be modified in the future and approved by the FPSC.

2. The Customer agrees to the control of all or part of its electrical service, the description of which is described in Exhibit "C". The Customer understands and agrees that the service description will apply for the full term of this Agreement, unless mutually agreed to be changed by both parties with a revised or substituted Exhibit "B".

3. The Company will notify the Customer as soon as possible before an unscheduled interruption or curtailment occurs. However, there may be conditions when the Company will not be able to provide the customer with advance notice and immediate interruption or curtailment may occur.

4. The Customer agrees that the Company will not be held liable for any damages or injuries that may occur as a result of an interruption of electric service.

5. Once a new Customer qualifies for rider GSLM-3, and has executed this agreement, necessary engineering will be performed, interrupting and other necessary equipment will be ordered, and an installation date will be scheduled. The period of time for commencing service shall not exceed six months from the date this Agreement is executed.

Term of Agreement

6. The Initial Term of the Agreement shall be 36 months. The Customer is required to give the Company 36 months notice in advance of discontinuing service under the GSLM-3 rider, said minimum notice requirement being specified in Exhibit "B". The term of this Agreement shall automatically extend beyond such initial term until such time as the company has had the minimum notice of the Customer's desire no longer to participate in the load management program as is provided for in Exhibit "B".

Continued to Sheet No. 7.627

APPENDIX A

Long-Term Facilities

Monthly Rental and Termination Factors

The Monthly Rental factor to be applied to the in-place value of the facilities as identified in the Long-Term Agreement is ~~1.19~~0.93% per month plus applicable taxes.

If the Long-Term Rental Agreement for Facilities is terminated, a Termination Fee shall be computed by applying the following Termination Factors to the in-place value of the facilities based on the year in which the Agreement is terminated:

Year Agreement is Terminated	Termination Factors %
1	~~3.9~~1.32
2	~~7.5~~4.03
3	~~10.8~~6.51
4	~~13.8~~8.74
5	~~16.4~~10.72
6	~~18.7~~12.44
7	~~20.6~~13.91
8	~~22.1~~15.09
9	~~23.3~~15.99
10	~~24.0~~16.58
11	~~24.3~~16.85
12	~~24.1~~16.76
13	~~23.4~~16.29
14	~~22.1~~15.42
15	~~20.2~~14.12
16	~~17.7~~12.36
17	~~14.5~~10.10
18	~~10.5~~7.31
19	~~5.7~~3.96
20	0.0

ISSUED BY: ~~G. L. Gillette~~A. D. Collins, President

DATE EFFECTIVE: ~~November 1, 2013~~

Continued from Sheet No. 8.040

DELIVERY VOLTAGE ADJUSTMENT

For purchases from Qualifying Facilities directly interconnected to the Company, the Company's actual hourly avoided energy costs shall be adjusted according to the delivery voltage by the following multipliers:

~~Rate Schedule~~Voltage Level	Adjustment Factor
~~RS, GS~~Secondary	1.0526
~~GSD, SBF~~Primary	1.0491
~~IS, SBI~~Subtransmission	1.0172

For purchases from Qualifying Facilities not directly interconnected to the Company, any adjustments to the Company's actual hourly avoided energy costs for delivery voltage will be determined based on the Company's current annual system average transmission loss factor.

METERING REQUIREMENTS

The Qualifying Facility within the territory served by the Company shall be required to purchase from the Company the metering equipment necessary to measure its energy deliveries to the Company. Energy purchased from Qualifying Facilities outside the territory served by the Company shall be measured as the quantities scheduled for interchange to the Company by the entity delivering As-Available Energy to the Company. Unless special circumstances warrant, meters shall be read at monthly intervals on the approximate corresponding day of each meter reading period.

Hourly recording meters shall be required for Qualifying Facilities with an installed capacity of 100 kilowatts or more. Where the installed capacity is less than 100 kilowatts, the Qualifying Facility may select any one of the following options: **(a)** an hourly recording meter, **(b)** a dual kilowatt-hour register time-of-day meter, or **(c)** a standard kilowatt-hour meter.

For Qualifying Facilities with hourly recording meters, monthly payments for As-Available Energy shall be calculated based on the product of: **(1)** the Company's actual As-Available Energy Payment Rate for each hour during the month; and **(2)** the quantity of energy sold by the Qualifying Facility during that hour.

For Qualifying Facilities with dual kilowatt-hour register time-of-day meters, monthly payments for As-Available Energy shall be calculated based on the product of: **(1)** the average of the Company's actual hourly As-Available Energy Payment Rates for the on-peak and off-peak periods during the month; and **(2)** the quantity of energy sold by the Qualifying Facility during that period.

Continued to Sheet No. 8.060

Continued from Sheet No. 8.061

CHARGES/CREDITS TO QUALIFYING FACILITY

A. Basic Service Charges

A ~~monthly~~ Basic Service Charge will be rendered for maintaining an account for a Qualifying Facility engaged in either an As-Available Energy or Firm Capacity and Energy transaction and for other applicable administrative costs. Actual charges will depend on how the QF is interconnected to the Company.

QFs not directly interconnected to the Company, will be billed $990 monthly as a Basic Service Charge.

~~Monthly~~ Daily Basic Service charges, applicable to QFs directly interconnected to the Company, by Rate Schedule are:

Rate Schedule	Basic Service Charge ($)	Rate Schedule	Basic Service Charge ($)
RS	~~15.05~~.70	GST	~~20.07~~.74
GS	~~18.06~~.74	GSDT (secondary)	~~30.10~~.97
GSD (secondary)	~~30.10~~.97	GSDT (primary)	~~130.44~~7.28
GSD (primary)	~~130.44~~7.28	GSDT (subtrans.)	~~993.27~~22.47
GSD (subtrans.)	~~993.27~~22.47	~~SBFT~~ SBDT	~~55.18~~1.79
~~SBF~~ SBD	~~55.18~~1.79	(secondary)	~~155.51~~8.10
(secondary)	~~155.51~~8.10	~~SBFT~~ SBDT	~~1,018.36~~23.29
~~SBF~~ SBD	~~1,018.36~~23.29	(primary)	~~624.05~~23.71
(primary)	~~624.05~~23.71	~~SBFT~~ SBDT	~~2,379.85~~102.89
~~SBF~~ SBD	~~2,379.85~~102.89	(subtrans.)	24.53
(subtrans.)	~~649.14~~24.53	~~IST~~ GSLDTPR	103.72
~~IS~~ GSLDPR~~(primary)~~	~~2,404.93~~103.72	~~(primary)~~	
~~IS~~ GSLDSU ~~(subtrans.)~~		~~IST~~ GSLDTSU ~~(subtrans.)~~	
~~SBI~~ SBLDPR ~~(primary)~~		SBLDTPR	
~~SBI~~ SBLDSU ~~(subtrans.)~~		SBLDTSU	

When appropriate, the Basic Service Charge will be deducted from the Qualifying Facility's monthly payment. A statement of the charges or payments due the Qualifying Facility will be rendered monthly. Payment normally will be made by the twentieth business day following the end of the billing period.

Continued to Sheet No. 8.071

Continued from Sheet No. 8.304

Such security shall be in the form of cash deposited in an interest bearing escrow account mutually acceptable to the Company and the EP; an unconditional and irrevocable direct pay letter of credit in form and substance satisfactory to the Company; or a performance bond in form and substance satisfactory to the Company. The form of security required will be in the sole discretion of the Company and will be in such form as to allow the Company immediate access to the funds in the event of default by the CEP.

Florida Statute 377.709(4) requires a local government to refund Early Capacity Payments should a Municipal Solid Waste Facility owned, operated by or on the behalf of the local government be abandoned, closed down or rendered illegal. Therefore a utility may not require risk-related guarantees from a Municipal Solid Waste Facility as required in FPSC Rule 25-17.0832 (2)(c) and (3)(e)(8), F. A. C. However, at its option, a Municipal Solid Waste Facility may provide such risk-related guarantees.

4. **Additional Criteria:**

a. The CEP shall provide monthly generation estimates by December 1 for the next calendar year; and

b. The CEP shall promptly update its yearly generation schedule when any changes are determined necessary; and

c. The CEP shall agree to reduce generation or take other appropriate action as requested by the Company for safety reasons or to preserve system integrity; and

d. The CEP shall coordinate scheduled outages with the Company;

e. The CEP shall comply with the reasonable requests of the Company regarding daily or hourly communications.

DELIVERY VOLTAGE ADJUSTMENT: Energy Payments to CEPs within the Company's service territory shall be adjusted according to the delivery voltage by the following multipliers:

~~Rate Schedule~~Voltage Level	Adjustment Factor
~~RS, GS~~Secondary	1.0526
~~GSD, SBF~~Primary	1.0491
~~IS, SBI~~Subtransmission	1.0172

Continued to Sheet No. 8.308

ISSUED BY: ~~N. G. Tower~~A. D. Collins, President

DATE EFFECTIVE: ~~January 1, 2021~~

Continued from Sheet No. 8.308

Should the CEP elect a Net Billing Arrangement, the hourly net capacity and energy sales delivered to the purchasing utility shall be purchased at the utility's avoided capacity and energy rates, where applicable, in accordance with FPSC Rules 25-17.0825 and 25-17.0832, F.A.C. Purchases from the interconnecting utility shall be billed at the retail rate schedule, under which the CEP load would receive service as a customer of the utility.

Although a billing option may be changed in accordance with FPSC Rule 25-17.082, F.A.C., the Contracted Capacity may only change through mutual negotiations satisfactory to the CEP and the Company.

Basic Service charges that are directly attributable to the purchase of firm capacity and energy from the CEP are deducted from the CEP's total monthly payment. A statement covering the charges and payments due the CEP is rendered monthly and payment normally is made by the 20th business day following the end of the Monthly Period.

CHARGES/CREDITS TO THE CEP:

1. **Basic Service Charges:** A ~~monthly~~ Basic Service Charge will be rendered for maintaining an account for the CEP engaged in either an As-Available Energy or firm capacity and energy transaction and for other applicable administrative costs. Actual charges will depend on how the CEP is interconnected to the Company.

   CEPs not directly interconnected to the Company, will be billed $990 monthly as a Basic Service Charge.

   ~~Month~~Daily Basic Service charges, applicable to CEPs directly interconnected to the Company, by Rate Schedule are:

Rate Schedule	Basic Service Charge ($)	Rate Schedule	Basic Service Charge ($)
RS	~~15.05~~.70	GST	~~20.07~~.74
GS	~~18.06~~.74	GSDT (secondary)	~~30.10~~.97
GSD (secondary)	~~30.10~~.97	GSDT (primary)	~~130.44~~7.28
GSD (primary)	~~130.44~~7.28	GSDT (subtrans.)	~~993.27~~22.47
GSD (subtrans.)	~~993.27~~22.47	SBD~~F~~T (secondary)	~~55.18~~1.79
SBD~~F~~ (secondary)	~~55.18~~1.79	SBD~~F~~T (primary)	~~155.51~~8.10
SBD~~F~~ (primary)	~~155.51~~8.10	SBD~~F~~T (subtrans.)	~~1,018.36~~23.29
SBD~~F~~ (subtrans.)	~~1,018.36~~23.29	GSLDTPR~~IST (primary)~~	~~624.05~~23.71
GSLDPR~~IS (primary)~~	~~624.05~~23.71	GSLDTSU~~IST~~	~~2,379.85~~102.89
GSLDSU ~~IS (subtrans.)~~	~~2,379.85~~102.89	~~(subtrans.)~~	24.53
SBLDPR~~SBI (primary)~~	~~649.14~~24.53	SBLDTPR	103.72
SBLDSU~~SBI (subtrans.)~~	~~2,404.93~~103.72	SBLDTSU	

Continued to Sheet No. 8.314

If CEP takes service under Rate Rider GSLM-2 or GSLM-3, an additional Basic Service Charge of $~~200.00~~6.57 a day will apply.

When appropriate, the Basic Service Charge will be deducted from the CEP's monthly payment. A statement of the charges or payments due the CEP will be rendered monthly. Payment normally will be made by the 20th business day following the end of the billing period.

2. **Interconnection Charge for Non-Variable Utility Expenses:** The CEP shall bear the cost required for interconnection including the metering. The CEP shall have the option of payment in full for interconnection or make equal monthly installment payments over a 36 month period together with interest at the rate then prevailing for 30 days highest grade commercial paper; such rate to be determined by the Company 30 days prior to the date of each payment.

3. **Interconnection Charge for Variable Utility Expenses:** The CEP shall be billed monthly for the cost of variable utility expenses associated with the operation and maintenance of the interconnection. These costs include a) the Company's inspections of the interconnection and b) maintenance of any equipment beyond that which would be required to provide normal electric service to the CEP with respect to other Customers with similar load characteristics.

4. **Taxes and Assessments:** The CEP shall be billed monthly an amount equal to the taxes, assessments, or other impositions, if any, for which the Company is liable as a result of its purchases of firm capacity and energy produced by the CEP.

   If the Company obtains any tax savings as a result of its purchases of firm capacity and energy produced by the CEP, which tax savings would not have otherwise been obtained, those tax savings shall be credited to the CEP.

5. **Emission Allowance Clause:** Subject to approval by the FPSC, the CEP shall receive a monthly credit, to the extent the Company can identify the same, equal to the value, if any, of any reduction in the number of air emission allowances used by the Company as a result of its purchase of firm capacity and energy produced by the EP; provided that no such credit shall be given if the cost of compliance associated with air emission standards is included in the determination of full avoided cost.

TERMS OF SERVICE:

1. It shall be the CEP's responsibility to inform the Company of any change in its electric generation capability.

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	ALL	Initial Service Connection	$ 75.00	$ 112.00	$ 252.11	E-7	Increase limited below unit cost
3	ALL	Connection Charge - Normal Working Hours	$ 28.00	$ 10.00	$ 9.26	E-7	Set at approximate unit cost
4	ALL	Connection Charge - Same Day Service	$ 75.00	$ -	$ -	E-7	Charge Eliminated
5	ALL	Connection Charge - Saturday A.M. Service	$ 300.00	$ -	$ -	E-7	Charge Eliminated
6	ALL	Reconnect after Disconnect at Meter for Cause	$ 55.00	$ 12.00	$ 11.75	E-7	Set at approximate unit cost
7	ALL	Reconnect after Disconnect at Pole/Othr for Cause	$ 165.00	$ 185.00	$ 184.05	E-7	Set at approximate unit cost
8	ALL	Field Visit	$ 25.00	$ 25.00	$ 28.73	E-7	Set at approximate unit cost
9	ALL	Tampering Charge	$ 55.00	$ 50.00	$ 49.09	E-7	Set at approximate unit cost
10	ALL	Return Check Charge	$ 260.00	$ 320.00	$ 322.39	E-7	Set at approximate unit cost
11	ALL	Return Check Charge	Per FL Statutes	Per FL Statutes	Per FL Statutes	E-7	No change proposed
12	ALL	Late Payment Charge	1.5% or $5.00	1.5% or $5.00	1.5% or $5.00	E-7	No change proposed
13							
14							
15	RS, RSVP-1						
16		Basic Service Charge - $ per Bill					
17		Standard	$ 15.05	$ 21.31	$ 21.31	Supp. B (Pgs 2-3)	Set at unit cost
18		RSVP-1	$ 15.05	$ 21.31	$ 21.31	Supp. B (Pgs 2-3)	Set at unit cost
19							
20		Energy and Demand Charge -$ per MWh					
21		Standard					
22		First 1,000 kWh	$ 52.25	$ 66.00			Inverted rate design with one-cent differential;
23		All additional kWh	$ 62.25	$ 76.00			Block usage based on bill frequency information (68.8%/31.2%)
24		RSVP-1	$ 55.39	$ 69.15			Set at average RS rate.
25							
26							
27							
28	GS, GST						
29		Basic Service Charge - $ per Bill					
30		Standard	$ 18.06	$ 22.63	$ 22.63	Supp. B (Pgs 2-3)	Set at unit cost
31		Standard Unmetered	$ 15.05	$ 18.94	$ 18.94	Supp. B (Pgs 2-3)	Set at unit cost
32		T-O-D	$ 18.06	$ 22.63	$ 22.63	Supp. B (Pgs 2-3)	Set at unit cost
33		T-O-D (Meter CIAC paid)	$ 15.05	$ -	$ -		Charge Eliminated
34							
35		Energy and Demand Charge - $ per MWh					
36		Standard	$ 54.96	$ 69.15			Set at average RS energy rate charge.
37		Standard Unmetered	$ 54.96	$ 69.15			Set at average RS energy rate charge.
38		T-O-D On-Peak	$ 125.94	$ 137.13			Derived using class on-pk and off-pk usage factors. (31.5% / 68.5%)
39		T-O-D Off-Peak	$ 30.53	$ 45.80			Derived using class on-pk and off-pk usage factors. (31.5% / 68.5%)
40							
41		Emergency Relay Service - $/MWH	$ 1.69	$ 1.81		Supp. B (Pgs 7)	Set at unit cost
42							
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	GSD, GSD Opt., GSDT						
3							
4		Basic Service Charge - $ per Bill					
5		Standard/Optional					
6		Secondary	$ 30.10	$ 29.53	$ 29.53	Supp. B (Pgs 4-5)	Set at unit cost
7		Primary	$ 130.44	$ 221.42	$ 221.42	Supp. B (Pgs 4-5)	Set at unit cost
8		Subtransmission	$ 993.27	$ 683.56	$ 683.56	Supp. B (Pgs 4-5)	Set at unit cost
9		T-O-D					
10		Secondary	$ 30.10	$ 29.53	$ 29.53	Supp. B (Pgs 4-5)	Set at unit cost
11		Primary	$ 130.44	$ 221.42	$ 221.42	Supp. B (Pgs 4-5)	Set at unit cost
12		Subtransmission	$ 993.27	$ 683.56	$ 683.56	Supp. B (Pgs 4-5)	Set at unit cost
13							
14		Demand Charge - $ per kW					
15		Standard Secondary	$ 10.92	$ 13.00	$ 16.58	COS	Set based on COS unit cost
16		Standard Primary	$ 10.92	$ 15.00	$ 15.16	COS	Set based on COS unit cost
17		Standard Subtransmission	$ 10.92	$ 16.00	$ 18.77	COS	Set based on COS unit cost
18		T-O-D					
19		Billing	$ 3.49	$ 4.15	$ 4.19	COS	Set at approximate T&D unit cost.
20		Peak	$ 7.14	$ 8.50			Remaining demand cost recovery.
21							
22		Energy Charge - $ per MWh					
23		Standard	$ 15.89	$ 20.91			Rate set to produce GSD revenue requirement.
24		Optional	$ 65.95	$ 82.98			Rate set at 125% of GS energy charge.
25		T-O-D					
26		On-Peak	$ 29.08	$ 42.50			Derived using Class on-pk and off-pk usage factors. (26.5%/ 73.5%)
27		Off-Peak	$ 10.49	$ 13.11			Derived using Class on-pk and off-pk usage factors. (26.5%/ 73.5%)
28							
29		Metering Voltage Adjustment - % of demand and energy chrgs.					
30		Primary	1%	1%	NA		No change proposed, reflects typical transformation losses.
31		Subtransmission	2%	2%	NA		No change proposed, reflects typical transformation losses.
32							
33		Delivery Voltage Credit					
34		Standard - $ per kW					
35		Primary	$ (0.91)	$ (0.85)	$ (0.85)	Supp. B (Pg 6)	Set at unit cost.
36		Subtransmission	$ (2.81)	$ (3.18)	$ (3.18)	Supp. B (Pg 6)	Set at unit cost.
37		Optional - $/MWH					
38		Primary	$ (1.93)	$ (2.16)	$ (2.16)	Supp. B (Pg 6)	Set at unit cost.
39		Subtransmission	$ (2.99)	$ (8.13)	$ (8.13)	Supp. B (Pg 6)	Set at unit cost.
40							
41		Emergency Relay Service					
42		Standard - $ per kW	$ 0.72	$ 0.72	$ 0.72	Supp. B (Pg 7)	Set at unit cost.
43		Optional - $/MWH	1.82	1.81	1.81	Supp. B (Pg 7)	Set at unit cost.
44							
45		Power Factor - $ per MVARh					
46		Penalty	$ 2.01	$ 2.01	NA		No change proposed
47		Credit	$ (1.01)	$ (1.00)	NA		No change proposed

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	CS						
3		Basic Service Charge - $ per Bill					
4		Standard/Optional	$ 18.06	$ 22.63			Set at GS Standard customer charge.
5							
6		Energy and Demand Charge -$/MWH					
7		Standard	$ 54.96	$ 69.15			Set at GS Standard energy charge.
8							
9							
10							
11							
12							
13							
14	SBF, SBFT (Renamed SBD and SBDT)						
15		Basic Service Charge - $ per Bill					
16		Secondary	$ 55.18	$ 54.53			Set at GSD Customer Charge Daily Charge plus $25 on Daily Basis.
17		Primary	$ 155.51	$ 246.42			Set at GSD Customer Charge Daily Charge plus $25 on Daily Basis.
18		Subtransmission	$ 1,018.36	$ 708.56			Set at GSD Customer Charge Daily Charge plus $25 on Daily Basis.
19							
20		Demand Charge - $ per kW					
21		Supplemental					
22		Standard Secondary	$ 10.92	$ 13.00			Set at GSD Standard Demand Charge.
23		Standard Primary	$ 10.92	$ 15.00			Set at GSD Standard Demand Charge.
24		Standard Subtransmission	$ 10.92	$ 16.00			Set at GSD Standard Demand Charge.
25		TOD Billing	$ 3.49	$ 4.15			Set at GSD TOD Billing Demand Charge.
26		TOD Peak	$ 7.14	$ 8.50			Set at GSD TOD Peak Demand Charge.
27							
28		Standby					
29		TOD Facilities Reservation	$ 1.68	$ 2.64	$ 2.64	Supp. B (Pg 10)	Set at unit cost.
30		TOD Power Supply Reservation	$ 1.55	$ 2.22	$ 2.22	Supp. B (Pg 10)	Set at unit cost.
31		TOD Power Supply Demand	$ 0.62	$ 0.88	$ 0.88	Supp. B (Pg 10)	Set at unit cost.
32							
33		Energy Charge - $ per MWh					
34		Supplemental					
35		Standard	$ 15.89	$ 20.91			Set at GSD Standard Energy Charge.
36		T-O-D On-Peak	$ 29.08	$ 42.50			Set at GSD TOD On-Peak Energy Charge.
37		T-O-D Off-Peak	$ 10.49	$ 13.11			Set at GSD TOD Off-Peak Energy Charge.
38		Standby	$ 9.17	$ 9.92		Supp. B (Pg 10)	Set at unit cost.
39							
40		Emergency Relay Service - $/kW					
41		Supplemental/Standby	$ 0.72	$ 0.72	$ 0.72	Supp. B (Pg 7)	No change proposed.
42							
43		Metering Voltage Adjustment - % of demand and energy chrgs.					
44		Primary	-1.0%	-1.0%	NA		No change proposed.
45		Subtransmission	-2.0%	-2.0%	NA		No change proposed.
46							
47							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2							
3	SBF, SBFT (cont.)						
4							
5		Delivery Voltage Credit					
6		Supplemental					
7		Primary	$ (0.91)	$ (0.85)	$ (0.85)	Supp. B (Pg 6)	Set at unit cost.
8		Subtransmission	$ (2.81)	$ (3.18)	$ (3.18)	Supp. B (Pg 6)	Set at unit cost.
9		Standby					
10		Primary	$ (0.63)	$ (1.93)	$ (1.93)	Supp. B (Pg 6)	Set at unit cost.
11		Subtransmission	$ (1.97)	$ (2.64)	$ (2.64)	Supp. B (Pg 6)	Set at unit cost.
12							
13		Power Factor - $ per MVARh					
14		Penalty	$ 2.00	$ 2.00			No change proposed
15		Credit	$ (1.00)	$ (1.00)			No change proposed
16							
17							
18							
19	IS, IST (Customers Transferred to GSLD)						
20		Basic Service Charge - $ per Bill					
21		Primary	$ 624.05	$ -	$ -		
22		Subtransmission	$ 2,379.85	$ -	$ -		
23		T-O-D					
24		Primary	$ 624.05	$ -	$ -		
25		Subtransmission	$ 2,379.85	$ -	$ -		
26							
27							
28		Demand Charge - $ per kW					
29		Standard	$ 4.07	$ -			
30		T-O-D					
31		Billing	$ 4.07	$ -	$ -		
32		Peak	$ -	$ -			
33							
34		Energy Charge - $ per MWh					
35		Standard	$ 25.13	$ -			
36		T-O-D					
37		On-Peak	$ 25.13	$ -			
38		Off-Peak	$ 25.13	$ -	$ -		
39							
40		Metering Voltage Adjustment - % of demand and energy chrgs.					
41		Primary	0%				
42		Subtransmission	-1%				
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	IS, IST (cont.)						
3							
4		Delivery Voltage Credit					
5		Standard - $ per kW					
6		Primary	$ -	$ -			
7		Subtransmission	$ (1.14)	$ -			
8							
9		Emergency Relay Service					
10		Standard - $ per kW	$ (1.62)	$ -			
11							
12		Power Factor - $ per MVARh					
13		Penalty	$ (1.01)	$ -			
14		Credit	$ 2.01	$ -			
15							
16							
17							
18	SBI,SBIT (Customers Transferred to SBGSLD)						
19		Basic Service Charge - $ per Bill					
20		Primary	$ 649.14	$ -			
21		Subtransmission	$ 2,404.93	$ -			
22							
23							
24		Demand Charge - $ per kW					
25		Supplemental					
26		Standard	$ 4.07	$ -	$ -		
27		TOD Billing	$ 4.07	$ -			
28		TOD Peak	$ -	$ -			
29		Standby					
30		TOD Facilities Reservation	$ 1.39	$ -	$ -		
31		TOD Power Supply Reservation	$ 1.20	$ -	$ -		
32		TOD Power Supply Demand	$ 0.48	$ -	$ -		
33							
34		Energy Charge - $ per MWh					
35		Supplemental					
36		Standard	$ 25.13	$ -			
37		T-O-D On-Peak	$ 25.13	$ -			
38		T-O-D Off-Peak	$ 25.13	$ -			
39		Standby					
40		Standard	$ 10.09	$ -	$ -		
41		T-O-D On-Peak	$ 10.09	$ -			
42		T-O-D Off-Peak	$ 10.09	$ -			
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	SBI, SBIT (cont.)						
3							
4		Emergency Relay Service - $/kW					
5		Supplemental/Standby	$ 1.62				
6							
7		Metering Voltage Adjustment - % of demand and energy chrgs.					
8		Primary	-1.0%				
9		Subtransmission	-2.0%				
10							
11							
12	GSLDPR,GSLDTPR						
13							
14		Basic Service Charge - $ per Bill					
15		Standard					
16		Primary	$ -	$ 711.30	$ 711.30	Supp. B (Pg 5)	Set at unit cost.
17		T-O-D	$ -	$ 711.30	$ 711.30	Supp. B (Pg 5)	Set at unit cost.
18							
19		Demand Charge - $ per kW					
20		Standard		$ 15.00	$ 15.00	COS	Set based on COS unit cost
21		T-O-D Billing		$ 4.79	$ 3.87	COS	Set at approximate T&D unit cost.
22		T-O-D Peak		$ 9.81			Remaining demand cost recovery.
23							
24							
25		Energy Charge - $ per MWh					
26		Standard		$ 12.72			Rate set to produce GSLDPR revenue requirement.
27		T-O-D on Peak		$ 25.63			Derived using Class on-pk and off-pk usage factors. (26.48%/ 73.52%)
28		T-O-D off Peak		$ 8.07			Derived using Class on-pk and off-pk usage factors. (26.48%/ 73.52%)
29							
30		Metering Voltage Adjustment - .					
31		% of demand and energy chrgs					
32		Primary		-1.0%	-1.0%	NA	No change proposed, reflects typical transformation losses.
33							
34		Emergency Relay Service $ per kW					
35		Standard -		$ 0.72	$ 0.72	Supp. B (Pg 7)	Set at unit cost.
36		T-O-D		$ 0.72	$ 0.72	Supp. B (Pg 7)	Set at unit cost.
37							
38		Power Factor Charge - $ per MVARh					
39		Standard		$ 2.01	NA		No change proposed
40		T-O-U		$ 2.01	NA		No change proposed
41							
42		Power Factor Credit - $ per MVARh					
43		Standard		$ (1.01)	NA		No change proposed
44		T-O-U		$ (1.01)	NA		No change proposed
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2							
3	GSLDSU/GSLDTSU						
4		Basic Service Charge - $ per Bill					
5		Subtransmission					
6		Standard		$ 3,086.70	$ 3,086.70	Supp. B (Pg 5)	Set at unit cost.
7		T-O-D		$ 3,086.70	$ 3,086.70	Supp. B (Pg 5)	Set at unit cost.
8							
9		Demand Charge - $ per kW					
10		Standard		$ 16.00	$ 16.00	COS	Set based on COS unit cost
11		T-O-D Billing		$ 5.11	$ 2.35	COS	Set at approximate T&D unit cost.
12		T-O-D Peak		$ 10.46			Remaining demand cost recovery.
13							
14							
15		Energy Charge - $ per MWh					
16		Standard		$ 20.30			Rate set to produce GSLDPR revenue requirement.
17		T-O-D on Peak		$ 36.88			Derived using Class on-pk and off-pk usage factors. (24.28%/ 75.72%)
18		T-O-D off Peak		$ 14.99			Derived using Class on-pk and off-pk usage factors. (24.28%/ 75.72%)
19							
20							
21		Emergency Relay Service $ per kW					
22		Standard -		0.72	0.72	Supp. B (Pg 7)	Set at unit cost.
23		T-O-D		0.72	0.72	Supp. B (Pg 7)	Set at unit cost.
24							
25		Power Factor Charge - $ per MVARh					
26		Standard		$ 2.01	NA		No change proposed
27		T-O-U		$ 2.01	NA		No change proposed
28							
29		Power Factor Credit - $ per MVARh					
30		Standard		$ (1.01)	NA		No change proposed
31		T-O-U		$ (1.01)	NA		No change proposed
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	SBLDPR/SBLDTPR						
3		Basic Service Charge - $ per Bill					
4		Primary					
5		Standard		$ 753.90		Supp. B (Pg 5)	Set at unit cost
6		TOU		$ 753.90		Supp. B (Pg 5)	Set at unit cost
7							
8		Demand Charge - $ per kW					
9		Supplemental					
10		Standard		$ 15.00	$ 15.00	COS	Set based on COS unit cost
11		TOD Billing		$ 4.79	$ 3.87	COS	Set at approximate T&D unit cost.
12		TOD Peak		$ 9.81			Remaining demand cost recovery.
13							
14		Standby Demand					
15		Std. Facilities Reservation		$ 1.93	$ 1.93	Supp. B (Pg 6)	Set at unit cost
16		Std. Power Supply Reservation		$ 2.22	$ 2.22	Supp. B (Pg 6)	Set at unit cost
17		Std Power Supply Demand		$ 0.88	$ 0.88	Supp. B (Pg 6)	Set at unit cost
18		TOD Facilities Reservation		$ 1.93	$ 1.93	Supp. B (Pg 6)	Set at unit cost
19		TOD Power Supply Reservation		$ 2.22	$ 2.22	Supp. B (Pg 6)	Set at unit cost
20		TOD Power Supply Demand		$ 0.88	$ 0.88	Supp. B (Pg 6)	Set at unit cost
21							
22		Energy Charge - $ per MWh					
23		Supplemental					
24		Standard		$ 14.00	$ 14.00		Rate set to produce SBLDPR revenue requirement.
25		T-O-D On-Peak		$ 30.47	$ 30.47		Derived using Demand percentage increase in demand costs
26		T-O-D Off-Peak		$ 8.07	$ 8.07		Derived using Demand percentage increase in demand costs
27							
28		Standby Energy					
29		Standard		$ 9.92	$ 9.92	Supp. B (Pg 10)	Set at unit cost
30		T-O-D On-Peak		$ 9.92	$ 9.92	Supp. B (Pg 10)	Set at unit cost
31		T-O-D Off-Peak		$ 9.92	$ 9.92	Supp. B (Pg 10)	Set at unit cost
32							
33		Emergency Relay Service - $/kW					
34		Supplemental/Standby					
35		Standard		$ 0.72	$ 0.72	Supp. B (Pg 7)	Set at unit cost.
36		T-O-U		$ 0.72	$ 0.72	Supp. B (Pg 7)	Set at unit cost.
37							
38		Metering Voltage Adjustment -					
39		% of demand and energy chrgs.					
40		Primary		-1.0%	-1.0%	NA	No change proposed, reflects typical transformation losses.
41		T-O-U		-1.0%	-1.0%	NA	No change proposed, reflects typical transformation losses.
42							
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	SBLDPR/SBLDTPR (cont.)						
3							
4		Power Factor Charge- $ per MVARh					
5		Standard		$ 2.01	$ 2.01		No change proposed
6		T-O-U		$ 2.01	$ 2.01		No change proposed
7							
8		Power Factor Creidt - $ per MVARh					
9		Standard		$ (1.01)	$ (1.01)		No change proposed
10		T-O-U		$ (1.01)	$ (1.01)		No change proposed
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	SBLDSU/SBLDTSU						
3		Basic Service Charge - $ per Bill					
4		Standard		$ 3,111.60		Supp. B (Pg 5)	Set at unit cost
5		TOU		$ 3,111.60		Supp. B (Pg 5)	Set at unit cost
6							
7		Demand Charge - $ per kW					
8		Supplemental					
9		Standard		$ 16.00	$ 16.00	COS	Set based on COS unit cost
10		TOD Billing		$ 5.11	$ 2.35	COS	Set at approximate T&D unit cost.
11		TOD Peak		$ 10.46			Remaining demand cost recovery.
12							
13		Standby Demand					
14		Std. Facilities Reservation		$ -	$ -	Supp. B (Pg 6)	Set at unit cost
15		Std. Power Supply Reservation		$ 2.22	$ 2.22	Supp. B (Pg 6)	Set at unit cost
16		Std Power Supply Demand		$ 0.88	$ 0.88	Supp. B (Pg 6)	Set at unit cost
17		TOD Facilities Reservation		$ -	$ -	Supp. B (Pg 6)	Set at unit cost
18		TOD Power Supply Reservation		$ 2.22	$ 2.22	Supp. B (Pg 6)	Set at unit cost
19		TOD Power Supply Demand		$ 0.88	$ 0.88	Supp. B (Pg 6)	Set at unit cost
20							
21		Energy Charge - $ per MWh					
22		Supplemental					
23		Standard		$ 20.30	$ 20.30		Rate set to produce SBLDSU revenue requirement.
24		T-O-D On-Peak		$ 36.88	$ 36.88		Derived using Demand percentage increase in demand costs
25		T-O-D Off-Peak		$ 14.99	$ 14.99		Derived using Demand percentage increase in demand costs
26							
27		Standby Energy					
28		Standard		$ 9.92	$ 9.92	Supp. B (Pg 10)	Set at unit cost
29		T-O-D On-Peak		$ 9.92	$ 9.92	Supp. B (Pg 10)	Set at unit cost
30		T-O-D Off-Peak		$ 9.92	$ 9.92	Supp. B (Pg 10)	Set at unit cost
31							
32		Emergency Relay Service - $/kW					
33		Supplemental/Standby					
34		Standard		$ 0.72	$ 0.72	Supp. B (Pg 7)	Set at unit cost.
35		T-O-U		$ 0.72	$ 0.72	Supp. B (Pg 7)	Set at unit cost.
36							
37							
38		Power Factor Charge- $ per MVARh					
39		Standard		$ 2.01	$ 2.01		No change proposed
40		T-O-U		$ 2.01	$ 2.01		No change proposed
41							
42		Power Factor Creidt - $ per MVARh					
43		Standard		$ (1.01)	$ (1.01)		No change proposed
44		T-O-U		$ (1.01)	$ (1.01)		No change proposed
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2							
3							
4	LS-1,LS-2	Basic Service Charge - $ per Bill	$ 10.52	$ 21.31			Set the same as RS Basic Service Charge.
5							
6		Energy - $ per MWH	$ 23.73	$ 34.57			Rate set to produce LS energy revenue requirement.
7							
8		Fixture/ Pole/Maintenance Charges $/Unit	Various	Various	Various	E-13D	
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

Line No.

DERIVATION OF OTHER CHARGES AND CREDITS

Continued on Page 2

TAMPA ELECTRIC COMPANY
Development of Customer Unit Costs for RS and General Service Non-Demand

Line No.							
1	**I. Meters, Services, and Customer Component of Distribution (Distribution Customer Component)**						
2			**RS**			**GS**	
3	No. of Bills		8,685,732			854,556	
4	No. of Metered Customers		723,811			71,213	
5	No. of Un-Metered Customers		-			186	
6							
7	**COS: Total Meters, Services, and Distribution Customer Component- $(000)**						
8		Rev Exp Factor	$ 122,402		$	13,143	
9		1.00263	$ 122,724		$	13,177	
10	EPIS Amounts - $(000).						
11	A. Meters		$ 101,495	13.0%	$	13,222	16.5%
12	B. Services		$ 191,944	24.5%	$	18,878	23.5%
13	C. Distribution Customer Component		$ 489,271	62.5%	$	48,131	60.0%
14	Total		$ 782,710	100%	$	80,231	100%
15							
17	**A. Meters**						
18			**RS**			**GS**	
19	Allocated Cost of Service - $(000)		$ 15,914		$	2,172	
20	Meter unit cost - $/Bill		**$ 1.83**		**$**	**2.54**	
21							
22	**B. Services**						
23			**RS**			**GS**	
24	Allocated Cost of Service - $(000)		$ 30,096		$	3,101	
25	Unit cost - $/Bill		**$ 3.46**			**3.63**	
26							
27	**C. Distribution Customer Component**						
28			**RS**			**GS**	
29	Allocated Cost of Service - $(000)		76,715		$	7,905	
30	Unit cost - $/Bill		**$ 8.83**		**$**	**9.25**	
31							
32							
33	**II. Meter Reading, Billing, Customer Service**						
34			**RS**			**GS**	
35		Rev Exp Factor					
36		1.00263	$ 62,231		$	6,146	
37	Cost of Service - $(000)		$ 62,395		$	6,162	
38	Unit cost - $/Bill		**$ 7.18**		**$**	**7.21**	
39							
40							
41							
42							
43							
45							

Continued on Page 3

Continued from Page 2

Summary Customer Charge Unit Costs

	RS	GS Standard	GS Time of Day	GS Un-metered
Meter	$ 1.83	$ 2.54	$ 2.54	$ -
Services	$ 3.46	$ 3.63	$ 3.63	$ 3.63
Distr. Cust.	$ 8.83	$ 9.25	$ 9.25	$ 9.25
Billing,etc	$ 7.18	$ 7.21	$ 7.21	$ 6.06
Total	$ 21.31	$ 22.63	$ 22.63	$ 18.94
Proposed	$ 0.70	$ 0.74	$ 0.74	$ 0.62

Continued on Page 4

TAMPA ELECTRIC COMPANY
Development of Customer Unit Costs for General Service Demand

Continued from Page 3

I. Meters, Services, IS Equipment, and Distribution Customer Component

		GSD/SBD
No. of Metered Bills	Secondary	202,752
	Primary	1,356
	Subtransmission	48
	Total	204,156
No. of Customers	Secondary	16,896
	Primary	113
	Subtransmission	4
	Total	17,013

COS: Total Meters, Services, Distribution Customer Componenet- $(000)

Distribution: MDS, Meters,Svcs,IS Equip,Lighting			4,827
Rev Exp Factor	1.00263	$	4,839

EPIS Amounts - $(000).

A. Meters	$	8,138
B. Services	$	4,481
C. IS Equipment	$	-
D. Distribution Customer Component	$	11,466
Total		24,085

A. Meters

GSD	2020 Data Installed Cost	No. of Cust	Avg. Inst. Cost	Meter Cost Ratio to Sec	No. of Bills
SEC	$ 9,221,386	16,184	$ 569.78	1.00	202,752
PRI	$ 2,721,694	154	$ 17,653.15	30.98	1,356
SUBT	$ 297,292	5	$ 58,848.07	103.28	48
	$ 12,240,371	16,343		1.22	204,156
				weighted factor	

Meter Revenue Requirement $ 1,635,201
GSD Total Bills 204,156
Average Cost Per Month $ 8.01

GSD	Monthly Cost
SEC	**$ 6.55**
PRI	**$ 202.88**
SUBT	**$ 676.30**

B. Services

Services Revenue Requirement $ 900,295
GSD Secondary Service Bills 202,752
GSD Secondary Monthly Cost **$ 4.44**

C. IS Equipment

IS Equipment Revenue Requirement $0.00

D. Distribution Customer Component

Dist Customer Revenue Requirement $ 2,303,937
GSD Sec and Pri Service Bills 204,108
GSD Sec and Pri Monthly Cost **$ 11.29**

II. Other: Meter Reading, Billing, Customer Service

Other: Meter Reading, Billing, Cu			1,478
Rev Exp Factor	1.00263	$	1,482

Other Customer Revenue Requiremer $ 1,481,547
GSD Total Bills 204,156
GSD Other Monthly Cost **$ 7.26**

Total Rev Req $ 6,320,980

Continued on Page 5

Summary: Proposed Tiered Customer Charges for GSD Rate Schedule:

Line No.

1 Continued from Page 4

	Cost per Month		
	Secondary	**Primary**	**Subtransmission**
Electric Meter	**$ 6.55**	**$ 202.88**	**$ 676.30**
Secondary Service Lines	**$ 4.44**		
Distribution Customer Component	**$ 11.29**	**$ 11.29**	
Meter Reading, Billing, Customer Service	**$ 7.26**	**$ 7.26**	**$ 7.26**
Subtotal	**$ 29.53**	**$ 221.42**	**$ 683.56**
IS Equipment	**$ -**	**$ -**	$ -
Total	**$ 29.53**	**$ 221.42**	**$ 683.56**
Daily	$ 0.97	$ 7.28	$ 22.47

GSD Proof of Revenue Requirement

				Average
Cost per Mo.	$ 29.53	$ 221.42	$ 683.56	$ 30.96
Bills	202,752	1,356	48	204,156
Revenue	$ 5,987,924	$ 300,245	$ 32,811	$ 6,320,980
			Rev Req	$ 6,320,980
			Difference	$ -

Unit Cost		$ 721.06	$ 3,129.67	
		GSLDPR	GSLDSU	
	Primary daily	**$ 23.71**	**$ 102.89**	Sub. Daily
Standby	Primary daily	**$ 24.53**	**$ 103.72**	Standby Sub Daily

40 Continued on Page 6

Tampa Electric Company
Development of Delivery Voltage Credit
Dollars in Thousands

Line No.							
1	Continued from Page 5						
2	I. Distribution Primary/ Secondary Delivery Costs						
3					GSD/SBD		
4							
5	Distribution Secondary Revenue Requirements:		$ 15,124	1.00263	$ 15,164		
6							
7	Sum of Monthly Effective Billing KW	Secondary			17,832,648	kW	
8							
9	Equals Delivery Voltage Credit for Primary Service $/kW-mo				$ 0.85	$/kW	
10							
11							
12	Sum of Monthly KWH	Secondary			7,036,377	MWH	
13							
14	Equals Delivery Voltage Credit for Primary Service $/MWH				$ 2.16	$/MWH	
15							
16							
17	II. Transmission/Distribution Primary Delivery Costs						
18					GSD/SBD		
19							
20	Distribution Primary Revenue Requirements (COS Page2				$ 42,627		
21							
22	Sum of Monthly Effective Billing KW	Primary			18,295,895	kW	
23							
24	Equal Delivery Voltage Credit for Subtransmission Service $/kW-mo.				$ 2.33	$/kW	
25							
26							
27	Sum of Monthly MWH	Primary			7,132,230	MWH	
28							
29	Equals Delivery Voltage Credit for GSD Option Rate $/MWh				$ 5.98	$MWH	
30							
31							
32	Summary Proposed Delivery Voltage Credit ($/kW-mo)						
33		Distribution Primary Delivery ($/kW-mo)					**$ 0.85**
34		Distribution Primary Delivery ($/MWH)					**$ 2.16**
35							
36		Subtransmission Delivery ($/kW-mo)					**$ 3.18**
37		Subtransmission Delivery ($/MWH)					**$ 8.13**
38							
39							
40	For StandbyCustomers:						
41		Distribution Primary Delivery ($/kW-mo) (COS Unit Cost)					$ 1.93
42		Subtransmission Delivery ($/kW-mo) (COS Unit Cost)					$ 2.64
43							
44							
45	Continued on Page 7						

TAMPA ELECTRIC COMPANY
Development of Emergency Relay Power Supply Charges
Dollars in Thousands

Line No.							
1	Continued from Page 6			GSD/SBD	GSLDPR/SBLDPR	GSLDSU/SBLDSU	Total
3							
4	Total Distribution Primary System O&M w/o MDS Employed			$ 13,455.70	$ 1,735.03	$ -	$ 15,191
5							
6	EPIS COS (without MDS Concept)						
7	Distribution Substation Plant		a.	$ 87,454	$ 11,277	$ -	$ 98,731
8	All Other Distribution Plant (primary)		b.	343,190	44,252	$ -	$ 387,442
9	Total Distribution Primary Plant		c.	$ 430,644	$ 55,529		$ 486,173
10							
11	Plant Ratio: b/c						79.7%
12							
13	Distribution Primary System O&M excluding Substation Transformer O&M						$ 12,105.8
14	Feeder (trunk line)% of distribution circuits (both OH and UG)						20%
15	Trunk Line O&M						$ 2,421
16							
17	Billing kW*			18,295,895	2,513,551		20,809,446
18							
19	Trunk Line O&M $/kW						$ 0.12
20							
21	Sum of Monthly MWH			7,132,230	1,132,127		8,264,358
22							
23	Relay Service $/MWh						$ 0.29
24							
25				GSD/SBD	GSLDPR/SBLDPR	GSLDSU/SBLDSU	Total
26		Rev Exp Factor		$ 54,653	$ 7,047		
27	Distribution Primary Revenue Requirements w/o MDS Employed	1.00264		$ 54,797	$ 7,066		$ 61,863
28							
29	Sum of Monthly Effective kW*			18,295,895	2,513,551		20,809,446
30							
31	Weighted Average Unit Cost $/kW-mo.						$ 2.97
32	Ratio a/c:						20.3%
33	Weighted Average Substation Transformation Unit Cost $/kW-mo.						$ 0.60
34							
35	Relay Service $/kW-mo.						$ 0.60
36	Trunk Line O&M $/kW-mo.						$ 0.12
37	Relay Service $/kW-mo.						$ 0.72
38							
39							
40	Sum of Monthly MWH			7,132,230	1,132,127		8,264,358
41							
42	Relay Service $/MWh						$ 7.49
43	Ratio a/c:						20.3%
44	Weighted Average Substation Transformation Unit Cost $/MWH						$ 1.52
45							
46	Relay Service $/MWh						$ 1.52
47	Trunk Line O&M $/MWH						$ 0.29
48	Relay Service $/MWH						$ 1.81
49							
50							
51							
52	Continued on Page 8						

Derivation of Reserve Capacity Charge for Relay Service

Line No.				
1	Continued from Page 7			
2				
3	Distribution plant less substation (Cost Study without MDS)			$ 387,442
4	Trunk Line % (OH)			27%
5	Trunk Line $			$ 104,609
6				
7	Sum of Monthly Ratcheted Demand (Maximum) kW (Ratchet Factor =1.2%)	1,829,589	251,355	2,080,945
8				
9	CIAC for trunk line capacity $/kW (investment $ / sum of maximum kW			$ 50.27
10				
11	** Effective billing kW - primary*			
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38	Continued on Page 9			

Tampa Electric Company
Derivation of Power Factor Credit/Penalty

Distribution Capacitor Costs

Continued from Page 8

Size (kVAR)	Location	Cost	Cost ($/kVAR)	% Total	Weighted P.W. Cost ($/kVar)
600	13 kV Feeder	$ 5,223	$ 8.71	33.6%	$ 2.92
1200	13 kV Feeder	$ 6,424	$ 5.35	52.7%	$ 2.82
1800	13kV Padmountec	$ 27,500	$ 15.28	4.5%	$ 0.69
50400	69kV Sub.	$ 600,000	$ 11.90	9.1%	$ 1.08
Total				100%	$ 7.52

Fixed Charge Rate (using 20-year tax life, 30-yr book life)	12.6%	
Annual Revenue Requiremens = Line 14 x Line 13 Cost	$ 0.95	per kVAR
Monthly Rev. Req.	$ 0.08	per kVAR-mo.
Distribution System Capacitor O&M		
3-year average	$ 997,483	
System kVAR	1,392,600	
Average $/kVAR O&M Cost	$ 0.72	per kVAR
	$ 0.06	per kVAR-mo.

Derivation of $.001 per kVARh Credit and $.002 per kVAR Penalty

Assumptions:

Customer-oriented capacitance cost = estimated at 3 times utility cost	$ 0.24	per kVAR-mo
Load Factor	60%	
Monthly Hours	720	

Credit: $/kVARh= $/kVAR-mo / (.60 x 720 hrs.) = $ 0.24 / 432 = **$ 0.001**

Penalty: $/kVARh= 2 x PF Credit = 2 x .001 = **$ 0.002**

Continued on Page 10

Tampa Electric Company
Derivation of Standby Rate Charges

Line No.	**Standby Demand Charge**								
1	Continued from Page 9			(A)	(B)		(C)		
2				COS	Sum of Monthly 12 CP		Demand Cost $/KW/Mo		
3		Rev Exp Factor		REV REQ	(KW)		[Col (A) / Col (B)]		
4	1. Production and Transmission	1.00263	(000"s)		12 mo. Avg.	Sum of 12 CPs			
5	A) Production Demand - Tot. Retail System		$ 681,331	$ 683,121,830	3,786,656	45,439,866		$	15.03
6	B) Transmission Demand - Tot. Retail System	(Tran + Subtr)	$ 112,990	$ 113,287,476	3,786,656	45,439,866		$	2.49
7	C) Total (A) + (B)			$ 796,409,306				$	17.53
8		Transmission	62,346						
9	2. Secondary Level Demand Loss Factor	Subtransmission	50,644		1.0258	1.0121	1.0145		1.05326
10					PRIMARY	SUBTRAN	OUTPUT		
11	3. Secondary Level Unit Demand Rate				VOLTAGE	VOLTAGE	TO LINE		
12	A) Production - Total Retail System							$	15.83
13	B) Transmission - Total Retail System							$	2.63
14	C) Total (A) + (B)							$	18.46
15									
16	4. Coincidence Factor								12%
17									
18	5. Monthly Reservation Charge ($/KW)							**$**	**2.22**
19									
20	6. Billing Days								21
21									
22	7. Daily Demand Charge ($/Day): (3C) / (6)							**$**	**0.88**
23									
24		Rev Exp Factor	COS Rev Req		Ratcheted Billing KW		Facilities Charge ($/KW)		
25	8. Local Facilities - Standby	1.00263			(Ratchet Factor 1.2%)		[Col (A) / Col (B)]		
26			(000's)						
27	A) Distribution - Primary	GSD + GSLDPR	$ 48,124	$ 48,250,548	20,809,446	24,971,336	kW		1.93
28	B) Distribution Secondary	GSD	$ 15,124	$ 15,163,648	17,832,648	21,399,177	kW		0.71
29	C) Total (A) + (B)								**2.64**
30									
31			$ 42,627	$ 5,497	18,295,895	2,513,551			
32			GSD pri	GSLDPR	GSD pri	GSLDPR			
33									
34	**Stand-by Energy Charge**								
35									
36									
37		Rev Exp Factor	COS REV REQ			Effective MWH	$/MWH		
38		1.00263	(000's)				[Col (A) / Col (B)]		
39	9. Energy - Total Retail System		$ 194,865	$ 195,377,047		19,699,595		**$**	**9.92**
40									
41	10. Secondary Level Unit Energy Rate							**$**	**9.92**
42									

TAMPA ELECTRIC COMPANY

Development of Monthly Rental and Termination Factors for Facilities Rental Agreement

Line No.

Assumptions

Total Instal	$100	
Book Life	33	
Tax Life	20	
Tax Rate	25.345%	
Prop tax	1.70%	0.00%
Insurance	0.15%	0.00%

Revnue Requirements for Plant Inservice for Calculation of K Factor

Capital Structure

Type	Amount	Cost	Aftertax Cost	Pretax Cost
Common	55.0%	10.75%	10.75%	14.40%
Preferred	0.0%	0.00%	0.00%	0.00%
Debt	45.00%	3.30%	2.46%	3.30%
Total	100.0%	7.40%	7.02%	9.40%
Equity & PF Cost		10.75%		

K Factor based on PW of RR	**1.2584**
Lev. RR years	**20**
NPV of RR for 20 yrs	**$125.8**
Lev. RR Factor 20 yrs	**11.12%**
Monthly Lev. RR Factor	**0.93%**

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
Year	Begin Year Rate Base	Book Deprec.	Def. Taxes	Year	Net Plant in Rate Base End Year	Inservice Factor	Average Rate Base	MACRS Tax Rate	Tax Deprec.	Accum. Def Taxes	Average Rate Base	**Book Deprec**	**Return on Rate Base**	**Property Tax**	**Insurance**	**Federal Inc Taxes**	**Annual Rev Req (Fixed CC ($000)**	**PV of Rev Req't ($000)**	**Cum PV of Rev Req't ($000)**
1	100.00	3.03	0.18	2022	96.79		98.39	3.750%	3.75	0.18	98.39	3.03	7.28		0.15	1.98	**12.43**	12.43	12.43
2	96.79	3.03	1.06	2023	92.70		94.74	7.219%	7.22	1.24	94.74	3.03	7.01	1.65	0.15	1.90	**13.74**	12.84	25.27
3	92.70	3.03	0.92	2024	88.74		90.72	6.677%	6.68	2.17	90.72	3.03	6.71	1.60	0.15	1.82	**13.31**	11.62	36.89
4	88.74	3.03	0.80	2025	84.91		86.83	6.177%	6.18	2.97	86.83	3.03	6.42	1.55	0.15	1.74	**12.89**	10.52	47.41
5	84.91	3.03	0.68	2026	81.20		83.06	5.713%	5.71	3.65	83.06	3.03	6.14	1.49	0.15	1.67	**12.49**	9.52	56.93
6	81.20	3.03	0.57	2027	77.60		79.40	5.285%	5.29	4.22	79.40	3.03	5.87	1.44	0.15	1.59	**12.09**	8.61	65.54
7	77.60	3.03	0.47	2028	74.10		75.85	4.888%	4.89	4.69	75.85	3.03	5.61	1.39	0.15	1.52	**11.70**	7.79	73.33
8	74.10	3.03	0.38	2029	70.69		72.40	4.522%	4.52	5.07	72.40	3.03	5.36	1.34	0.15	1.45	**11.33**	7.04	80.37
9	70.69	3.03	0.36	2030	67.30		68.99	4.462%	4.46	5.43	68.99	3.03	5.10	1.29	0.15	1.38	**10.96**	6.37	86.74
10	67.30	3.03	0.36	2031	63.91		65.60	4.461%	4.46	5.79	65.60	3.03	4.85	1.24	0.15	1.32	**10.59**	5.75	92.49
11	63.91	3.03	0.36	2032	60.51		62.21	4.462%	4.46	6.15	62.21	3.03	4.60	1.18	0.15	1.25	**10.22**	5.18	97.67
12	60.51	3.03	0.36	2033	57.12		58.82	4.461%	4.46	6.52	58.82	3.03	4.35	1.13	0.15	1.18	**9.85**	4.67	102.34
13	57.12	3.03	0.36	2034	53.73		55.42	4.462%	4.46	6.88	55.42	3.03	4.10	1.08	0.15	1.11	**9.47**	4.20	106.54
14	53.73	3.03	0.36	2035	50.33		52.03	4.461%	4.46	7.24	52.03	3.03	3.85	1.03	0.15	1.04	**9.10**	3.77	110.30
15	50.33	3.03	0.36	2036	46.94		48.64	4.462%	4.46	7.61	48.64	3.03	3.60	0.98	0.15	0.98	**8.73**	3.38	113.68
16	46.94	3.03	0.36	2037	43.55		45.24	4.461%	4.46	7.97	45.24	3.03	3.35	0.93	0.15	0.91	**8.36**	3.02	116.70
17	43.55	3.03	0.36	2038	40.15		41.85	4.462%	4.46	8.33	41.85	3.03	3.10	0.88	0.15	0.84	**7.99**	2.70	119.40
18	40.15	3.03	0.36	2039	36.76		38.46	4.461%	4.46	8.69	38.46	3.03	2.84	0.82	0.15	0.77	**7.62**	2.40	121.81
19	36.76	3.03	0.36	2040	33.37		35.06	4.462%	4.46	9.06	35.06	3.03	2.59	0.77	0.15	0.70	**7.25**	2.14	123.94
20	33.37	3.03	0.36	2041	29.97		31.67	4.461%	4.46	9.42	31.67	3.03	2.34	0.72	0.15	0.64	**6.88**	1.90	125.84
21	29.97	3.03	(0.20)	2042	27.15		28.56	2.231%	2.23	9.22	28.56	3.03	2.11	0.67	0.15	0.57	**6.54**	1.68	127.52
22	27.15	3.03	(0.77)	2043	24.89		26.02	0.000%	0.00	8.45	26.02	3.03	1.92	0.62	0.15	0.52	**6.25**	1.50	129.02
23	24.89	3.03	(0.77)	2044	22.62		23.75	0.000%	0.00	7.68	23.75	3.03	1.76	0.57	0.15	0.48	**5.98**	1.34	130.37
24	22.62	3.03	(0.77)	2045	20.36		21.49	0.000%	0.00	6.91	21.49	3.03	1.59	0.52	0.15	0.43	**5.72**	1.20	131.57
25	20.36	3.03	(0.77)	2046	18.10		19.23	0.000%	0.00	6.14	19.23	3.03	1.42	0.46	0.15	0.39	**5.45**	1.07	132.64
26	18.10	3.03	(0.77)	2047	15.84		16.97	0.000%	0.00	5.38	16.97	3.03	1.26	0.41	0.15	0.34	**5.19**	0.95	133.59
27	15.84	3.03	(0.77)	2048	13.57		14.70	0.000%	0.00	4.61	14.70	3.03	1.09	0.36	0.15	0.30	**4.92**	0.84	134.43
28	13.57	3.03	(0.77)	2049	11.31		12.44	0.000%	0.00	3.84	12.44	3.03	0.92	0.31	0.15	0.25	**4.66**	0.75	135.18
29	11.31	3.03	(0.77)	2050	9.05		10.18	0.000%	0.00	3.07	10.18	3.03	0.75	0.26	0.15	0.20	**4.40**	0.66	135.84
30	9.05	3.03	(0.77)	2051	6.79		7.92	0.000%	0.00	2.30	7.92	3.03	0.59	0.21	0.15	0.16	**4.13**	0.58	136.41
31	6.79	3.03	(0.77)	2052	4.52		5.66	0.000%	0.00	1.54	5.66	3.03	0.42	0.15	0.15	0.11	**3.87**	0.50	136.92
32	4.52	3.03	(0.77)	2053	2.26		3.39	0.000%	0.00	0.77	3.39	3.03	0.25	0.10	0.15	0.07	**3.60**	0.44	137.36
33	2.26	3.03	(0.77)	2054	0.00		1.13	0.000%	0.00	0.00	1.13	3.03	0.08	0.05	0.15	0.02	**3.34**	0.38	137.74
34	0.00	0.00	0.00	2055	0.00		0.00	0.000%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	137.74
35	0.00	0.00	0.00	2056	0.00		0.00	0.000%	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.00**	0.00	137.74

Continued to Page 12

TAMPA ELECTRIC COMPANY

Development of Monthly Rental and Termination Factors for Facilities Rental Agreement (Cont.)

Line No.

1 Continued from Page 11

Line No.		(1) PV Annual FCR	Nominal Annual FCR	(2) Nominal Levelized FCR	(3) PV Discount Factor	(4) (2) x (3) PV Levelized FCR	(5) PV Cumulative Annual	(6) PV Cumulative Levelized	(7) (5) - (6) PV Termination Factor	(8) (7) / (3) Nominal Termination Factor
13	1	0.124	0.124	0.111	1.000	0.111	0.124	0.111	1.3%	1.32%
14	2	0.128	0.137	0.111	0.934	0.104	0.253	0.215	3.8%	4.03%
15	3	0.116	0.133	0.111	0.873	0.097	0.369	0.312	5.7%	6.51%
16	4	0.105	0.129	0.111	0.816	0.091	0.474	0.403	7.1%	8.74%
17	5	0.095	0.125	0.111	0.762	0.085	0.569	0.488	8.2%	10.72%
18	6	0.086	0.121	0.111	0.712	0.079	0.655	0.567	8.9%	12.44%
19	7	0.078	0.117	0.111	0.666	0.074	0.733	0.641	9.3%	13.91%
20	8	0.070	0.113	0.111	0.622	0.069	0.804	0.710	9.4%	15.09%
21	9	0.064	0.110	0.111	0.581	0.065	0.867	0.774	9.3%	15.99%
22	10	0.057	0.106	0.111	0.543	0.060	0.925	0.835	9.0%	16.58%
23	11	0.052	0.102	0.111	0.507	0.056	0.977	0.891	8.5%	16.85%
24	12	0.047	0.098	0.111	0.474	0.053	1.023	0.944	7.9%	16.76%
25	13	0.042	0.095	0.111	0.443	0.049	1.065	0.993	7.2%	16.29%
26	14	0.038	0.091	0.111	0.414	0.046	1.103	1.039	6.4%	15.42%
27	15	0.034	0.087	0.111	0.387	0.043	1.137	1.082	5.5%	14.12%
28	16	0.030	0.084	0.111	0.361	0.040	1.167	1.122	4.5%	12.36%
29	17	0.027	0.080	0.111	0.338	0.038	1.194	1.160	3.4%	10.10%
30	18	0.024	0.076	0.111	0.316	0.035	1.218	1.195	2.3%	7.31%
31	19	0.021	0.073	0.111	0.295	0.033	1.239	1.228	1.2%	3.96%
32	20	0.019	0.069	0.111	0.275	0.031	1.258	1.258	0.0%	0.00%

FLORIDA PUBLIC SERVICE COMMISSI(EXPLANATION: Trace how the billing determinants were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class determinants with the forecast by customer class in the Ten-Year-Site Plan.

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: W. R. Ashburn/ L. L. Cifuentes

Customers/Bills and MWh Sales

The forecast of the number of customers and MWh sales by customer class is made by the Load Research and Forecasting Department and is presented by witness Mrs. Cifuentes in this proceeding. Conversion of these revenue class forecasts to rate schedule forecasts are also done by the Load Research and Forecasting Department for use in forecasting billing determinants for revenue calculations. The forecasted number of customers and MWh sales by rate schedule are based on each rate schedules percentage contribution of customers and MWh sales to their respective revenue class during the prior 12 month period.

The LS rate schedule's customer count is based on those customers receiving a bill for lighting services only. The lighting fixture forecast is based on customer growth projections and historic trends and includes special large scale lighting projects.

Customers and MWh sales for the IS, IST, SBI, SBF and SBFT rate schedules are forecasted individually, therefore the total number of customers and MWh sales is a summation. These rate schedules will be transferred into eight new proposed rate schedules [below] based on their service type [plain, standby, time of use] and whether they are primary or subtransmission served, if their billing demand is over 1,000 kW.

For the 2022 test year, the eight new proposed rate schedules and two renamed schedules are listed below and along with an explanation of how the billing determinates were derived.

- SBD [renamed from SBF] - Current SBF rates under 1,000 kW will have a name change to SBD.
- SBDT [renamed from SBFT] - Current SBFT rates under 1,000 kW will have a name change to SBDT.
- GSLDPR (Primary served) - This includes existing primary served General Service Demand (GSD) rate customers with billing demands greater than 1000 kW and previously existing primary served Interruptible (IS) rate customers.
- GSLDTPR (Primary served) - This includes existing primary served General Service Demand Time-of-Day (GSDT) rate customers with billing demands greater than 1000 kW and previously existing primary served Interruptible Time-of-Day (IST) rate customers.
- SBLDPR (Primary served) - This includes existing primary served Standby Firm (SBF) and Standby Interruptible (SBI) rate customers with billing demands over 1000 kW.
- SBLDTPR (Primary served) - This includes existing Standby Firm Time-of-Day (SBFT) and Standby Interruptible Time-of-Day (SBI) rate customers with billing demands over 1000 kW.
- GSLDSU (Subtransmission served) - This includes existing General Service Demand (GSD) rate customers with billing demands greater than 1000 kW and previously existing Interruptible (IS) rate customers.
- GSLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (GSDT) rate customers with billing demands greater than 1000 kW and previously existing Interruptible Time-of-Day (IST) rate customers.
- SBLDSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible (SBI) rate customers with billing demands over 1000 kW.
- SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBFT) and Standby Interruptible Time-of-Day (SBI) rate customers with billing demands over 1000 kW.

KW Billing Demands

The forecast for the various types of KW billing demands are made by the company's Load Research and Forecasting Department. The number of KWs (when applicable) was used to calculate the revenues in schedule E13c. For each demand rate schedule, historical relationships between monthly KW billing demand and MWh sales are evaluated to arrive at a typical (average) load factor. These load factors were applied to the monthly MWh sales to calculate the kW billing demands used in the rate design.

Supporting Schedules: Recap Schedules:

SCHEDULE E-16 CUSTOMERS BY VOLTAGE LEVEL

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a schedule of the number of customers served at transmission, sub transmission, primary distribution, and secondary distribution voltages by rate schedule for the test year and prior year. Customers served directly from a company-owned substation must be listed under the voltage level at which they are served.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line No.		Rate Schedule	Average Customers Per Month	Transmission Voltage Customers	Subtransmission Voltage Customers	Primary Distribution Voltage Customers	Secondary Distribution Voltage Customers
1							
2							
3	I	Number of Customers Served					
4		RS	723,811	-	-	-	723,811
5							
6		GS & CS	71,310	-	-	18	71,292
7							
8		GSD	17,013	-	2	72	16,939
9							
10		GSLD & SB	69	-	14	55	-
11							
12		LS	233	-	-	15	218
13							
14		TOTAL COMPANY	812,436	0	16	160	812,260
15							
16							
17							
18	II	Number of Customers Metered					
19		RS	723,811	-	-	-	723,811
20							
21		GS & CS	71,310	-	-	24	71,286
22							
23		GSD	17,013	-	2	113	16,898
24							
25		GSLD & SB	69	-	14	55	-
26							
27		LS	233	-	-	21	212
28							
29		TOTAL COMPANY	812,436	0	16	213	812,207
30							
31							
32							
33							
34							
35							
36							
37							

Supporting Schedules:

Recap Schedules:

SCHEDULE E-16 | CUSTOMERS BY VOLTAGE LEVEL | Page 2 of 2

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide a schedule of the number of customers served at transmission, sub transmission, primary distribution, and secondary distribution voltages by rate schedule for the test year and prior year. Customers served directly from a company-owned substation must be listed under the voltage level at which they are served.

Type of data shown:
Projected Test Year Ended 12/31/2022
XX Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line No.		Rate Schedule	Average Customers Per Month	Transmission Voltage Customers	Subtransmission Voltage Customers	Primary Distribution Voltage Customers	Secondary Distribution Voltage Customers
1							
2							
3	I	Number of Customers Served					
4		RS	711,573	-	-	-	711,573
5							
6		GS & CS	70,577	-	-	18	70,559
7							
8		GSD & SBF	16,932	-	5	111	16,815
9							
10		IS & SBI	25	-	12	13	-
11							
12		LS	231	-	-	15	216
13							
14		TOTAL COMPANY	799,337	-	17	157	799,163
15							
16							
17							
18	II	Number of Customers Metered					
19		RS	711,573	-	-	-	711,573
20							
21		GS & CS	70,577	-	-	24	70,553
22							
23		GSD & SBF	16,932	-	5	153	16,773
24							
25		IS & SBI	25	-	11	14	-
26							
27		LS	231	-	-	21	210
28							
29		TOTAL COMPANY	799,337	0	16	212	799,109
30							
31							
32							
33							
34							
35							
36							
37							

Supporting Schedules:

Recap Schedules:

SCHEDULE E-17 LOAD RESEARCH DATA

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording 'meters, provide actual monthly values for the aforementioned demands and identify such 'meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
XX Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	Residential	Jan-20	2,156.0	8.4%	2,156.0	8.4%	4,763.8	4.9%
4	Service							
5		Feb-20	1,403.0	7.7%	1,601.3	9.0%	4,515.5	4.9%
6								
7		Mar-20	2,085.0	5.7%	2,130.6	5.5%	4,504.1	4.7%
8								
9		Apr-20	2,348.0	4.6%	2,348.1	4.6%	4,489.3	3.8%
10								
11		May-20	2,269.0	5.0%	2,284.0	4.7%	4,493.4	4.0%
12								
13		Jun-20	2,508.0	3.3%	2,558.3	3.8%	4,650.8	3.2%
14								
15		Jul-20	2,356.0	3.4%	2,434.7	4.2%	4,565.1	3.3%
16								
17		Aug-20	2,303.0	3.9%	2,394.4	3.9%	4,508.3	3.8%
18								
19		Sep-20	2,369.0	3.7%	2,368.9	3.7%	4,451.5	3.9%
20								
21		Oct-20	2,087.0	5.0%	2,087.1	5.0%	4,298.1	3.5%
22								
23		Nov-20	1,817.0	5.3%	1,841.1	5.7%	4,271.6	4.0%
24								
25		Dec-20	2,058.0	9.9%	2,058.1	9.9%	4,989.4	4.8%
26								
27								
28								
29								
30	Annual Peak:		2,558.3 MW		Annual kWh:	10,221,447,000		
31								
32	12 Coincident Peak Average:		2,146.6 MW		12 CP Load Factor:	0.542		
33								
34	90% Confidence Interval:		5.3%		Class (NCP) Load Factor:	0.455		
35								
36	Sum of individual customer maximum demands:		4,989.4 MW		Customer (Billing or Maximum Demand) Load Factor:	0.233		
37								
38								
39								

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording 'meters, provide actual monthly values for the aforementioned demands and identify such 'meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
XX Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	General	Jan-20	163.0	10.9%	204.3	9.3%	431.1	7.3%
4	Service							
5	Non-Demand	Feb-20	176.0	6.2%	190.5	6.2%	400.9	6.2%
6								
7		Mar-20	151.0	7.8%	193.8	6.0%	384.5	6.2%
8								
9		Apr-20	147.0	8.1%	188.6	5.9%	322.8	5.4%
10								
11		May-20	198.0	6.2%	214.5	6.2%	353.9	6.0%
12								
13		Jun-20	238.0	5.6%	245.4	5.5%	394.6	5.5%
14								
15		Jul-20	229.0	5.1%	231.7	5.3%	379.1	5.4%
16								
17		Aug-20	221.0	5.2%	221.4	5.2%	372.7	5.1%
18								
19		Sep-20	220.0	4.3%	231.2	4.1%	375.1	5.1%
20								
21		Oct-20	198.0	4.3%	216.5	4.4%	366.0	5.2%
22								
23		Nov-20	130.0	8.0%	182.8	5.0%	347.2	5.2%
24								
25		Dec-20	94.0	10.4%	137.2	8.4%	381.5	6.9%
26								
27								
28								
29								
30	Annual Peak:		245.4 MW		Annual kWh:	959,000,000		
31								
32	12 Coincident Peak Average:		180.4 MW		12 CP Load Factor:	0.605		
33								
34	90% Confidence Interval:		6.5%		Class (NCP) Load Factor:	0.445		
35								
36	Sum of individual customer maximum demands:		431.1 MW		Customer (Billing or Maximum Demand) Load Factor:	0.253		
37								
38								
39								

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording 'meters, provide actual monthly values for the aforementioned demands and identify such 'meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
XX Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	General	Jan-20	1,026.0	7.7%	1,167.7	3.4%	1,552.2	4.2%
4	Service							
5	Demand	Feb-20	1,136.0	2.3%	1,202.2	2.9%	1,541.9	3.8%
6								
7		Mar-20	1,055.0	2.6%	1,237.8	2.9%	1,542.2	3.4%
8								
9		Apr-20	891.0	5.4%	1,165.8	3.5%	1,415.0	3.2%
10								
11		May-20	1,151.0	3.4%	1,235.7	3.4%	1,483.8	3.1%
12								
13		Jun-20	1,292.0	2.9%	1,310.6	3.0%	1,572.3	3.1%
14								
15		Jul-20	1,306.0	2.9%	1,314.0	3.2%	1,589.1	3.2%
16								
17		Aug-20	1,282.0	2.9%	1,329.9	3.1%	1,602.8	2.7%
18								
19		Sep-20	1,316.0	2.2%	1,366.5	2.6%	1,633.9	2.6%
20								
21		Oct-20	1,225.0	2.2%	1,296.6	2.7%	1,559.3	2.7%
22								
23		Nov-20	990.0	4.5%	1,209.6	2.9%	1,477.5	2.6%
24								
25		Dec-20	808.0	8.4%	1,037.5	3.0%	1,467.6	4.5%
26								
27								
28								
29								
30	Annual Peak:		1,366.5 MW		Annual kWh:		7,794,018,000	
31								
32	12 Coincident Peak Average:		1,123.2 MW		12 CP Load Factor:		0.790	
33								
34	90% Confidence Interval:		3.7%		Class (NCP) Load Factor:		0.649	
35								
36	Sum of individual customer maximum demands:		1,633.9 MW		Customer (Billing or Maximum Demand) Load Factor:		0.543	
37								
38								
39								

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording 'meters, provide actual monthly values for the aforementioned demands and identify such 'meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
XX Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	Interruptible	Jan-20	146.0	na	186.8	na	296.2	na
4	Service							
5		Feb-20	132.0	na	185.3	na	261.9	na
6								
7		Mar-20	130.0	na	165.1	na	257.2	na
8								
9		Apr-20	120.0	na	151.1	na	261.2	na
10								
11		May-20	83.0	na	174.7	na	267	na
12								
13		Jun-20	90.0	na	186.0	na	253.8	na
14								
15		Jul-20	79.0	na	173.9	na	264.8	na
16								
17		Aug-20	122.0	na	164.2	na	259.2	na
18								
19		Sep-20	97.0	na	153.3	na	254.5	na
20								
21		Oct-20	138.0	na	182.3	na	246.3	na
22								
23		Nov-20	127.0	na	184.2	na	260.6	na
24								
25		Dec-20	129.0	na	171.2	na	245.5	na
26								
27								
28								
29								
30	Annual Peak:		186.8 MW		Annual kWh:		979,422,000	
31								
32	12 Coincident Peak Average:		116.1 MW		12 CP Load Factor:		0.961	
33								
34	90% Confidence Interval:		na		Class (NCP) Load Factor:		0.597	
35								
36	Sum of individual customer maximum demands:		296.2 MW		Customer (Billing or Maximum Demand) Load Factor:		0.376	
37								
38								
39								

Supporting Schedules:

Recap Schedules:

SCHEDULE E-17 LOAD RESEARCH DATA

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording 'meters, provide actual monthly values for the aforementioned demands and identify such 'meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
XX Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	Street &	Jan-20	7.0	na	38.1	na	38.1	na
4	Outdoor Light							
5	Service	Feb-20	0.0	na	37.0	na	37.0	na
6								
7		Mar-20	0.0	na	37.2	na	37.2	na
8								
9		Apr-20	0.0	na	36.5	na	36.5	na
10								
11		May-20	0.0	na	36.3	na	36.3	na
12								
13		Jun-20	0.0	na	35.9	na	35.9	na
14								
15		Jul-20	0.0	na	36.1	na	36.1	na
16								
17		Aug-20	0.0	na	36.4	na	36.4	na
18								
19		Sep-20	0.0	na	36.5	na	36.5	na
20								
21		Oct-20	0.0	na	36.6	na	36.6	na
22								
23		Nov-20	0.0	na	36.3	na	36.3	na
24								
25		Dec-20	0.0	na	36.2	na	36.2	na
26								
27								
28								
29								
30	Annual Peak:		38.1 MW		Annual kWh:		154,847,000	
31								
32	12 Coincident Peak Average:		0.6 MW		12 CP Load Factor:		30.220	
33								
34	90% Confidence Interval:		na		Class (NCP) Load Factor:		0.463	
35								
36	Sum of individual customer maximum demands:		38.1 MW		Customer (Billing or Maximum Demand) Load Factor:		0.463	
37								
38								
39								

Supporting Schedules:

Recap Schedules:

SCHEDULE E-18 MONTHLY PEAKS Page 1 of 2

FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: Provide monthly peaks for the test year and the five previous years.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
XX Projected Prior Year Ended 12/31/2021
XX Historical Prior Year Ended 12/31/2020

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

Witness: L. L. Cifuentes

Line No.	Month & Year	Total Retail Peak (MW)	Day of Week	Day of Month	Hour	Actual (A) or Estimated (E)
1						
2	Jan-17	3138	Monday	9	800	(A)
3	Feb-17	2994	Tuesday	28	1600	(A)
4	Mar-17	3072	Wednesday	29	1700	(A)
5	Apr-17	3822	Friday	28	1700	(A)
6	May-17	3882	Wednesday	31	1600	(A)
7	Jun-17	3996	Thursday	22	1800	(A)
8	Jul-17	4115	Wednesday	26	1700	(A)
9	Aug-17	4074	Thursday	31	1600	(A)
10	Sep-17	3953	Friday	1	1500	(A)
11	Oct-17	3818	Monday	9	1700	(A)
12	Nov-17	2974	Tuesday	7	1600	(A)
13	Dec-17	2940	Monday	11	800	(A)
14	Jan-18	4044	Thursday	18	800	(A)
15	Feb-18	3120	Wednesday	21	1700	(A)
16	Mar-18	2881	Thursday	29	1800	(A)
17	Apr-18	3267	Monday	23	1800	(A)
18	May-18	3607	Thursday	24	1700	(A)
19	Jun-18	3956	Monday	18	1700	(A)
20	Jul-18	3955	Monday	16	1600	(A)
21	Aug-18	4037	Friday	17	1800	(A)
22	Sep-18	4021	Monday	17	1700	(A)
23	Oct-18	3877	Tuesday	16	1700	(A)
24	Nov-18	3272	Thursday	8	1600	(A)
25	Dec-18	2890	Monday	3	1900	(A)
26	Jan-19	3091	Tuesday	29	800	(A)
27	Feb-19	3094	Friday	22	1600	(A)
28	Mar-19	3129	Friday	15	1800	(A)
29	Apr-19	3505	Tuesday	30	1700	(A)
30	May-19	4153	Tuesday	28	1800	(A)
31	Jun-19	4298	Tuesday	25	1700	(A)
32	Jul-19	4073	Tuesday	16	1700	(A)
33	Aug-19	4111	Thursday	22	1800	(A)
34	Sep-19	4101	Thursday	5	1600	(A)
35	Oct-19	3672	Monday	28	1700	(A)
36	Nov-19	3309	Thursday	7	1600	(A)
37	Dec-19	2765	Tuesday	17	1900	(A)
38						
39						

Supporting Schedules: Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide monthly peaks for the test year and the five previous years.

Type of data shown:

XX Projected Test Year Ended 12/31/2022

XX Projected Prior Year Ended 12/31/2021

XX Historical Prior Year Ended 12/31/2020

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

Witness: L. L. Cifuentes

Line No.	Month & Year	Total Retail Peak (MW)	Day of Week	Day of Month	Hour	Actual (A) or Estimated (E)
1						
2	Jan-20	3538	Wednesday	22	800	(A)
3	Feb-20	3013	Tuesday	18	1700	(A)
4	Mar-20	3574	Monday	30	1800	(A)
5	Apr-20	3591	Sunday	12	1700	(A)
6	May-20	3903	Friday	22	1700	(A)
7	Jun-20	4254	Thursday	25	1700	(A)
8	Jul-20	4143	Monday	13	1600	(A)
9	Aug-20	4239	Tuesday	25	1700	(A)
10	Sep-20	4255	Friday	4	1700	(A)
11	Oct-20	3872	Thursday	8	1700	(A)
12	Nov-20	3274	Sunday	15	1600	(A)
13	Dec-20	3024	Saturday	26	1000	(A)
14	Jan-21	4423	NA	NA	NA	(E)
15	Feb-21	3603	NA	NA	NA	(E)
16	Mar-21	3459	NA	NA	NA	(E)
17	Apr-21	3514	NA	NA	NA	(E)
18	May-21	3799	NA	NA	NA	(E)
19	Jun-21	4084	NA	NA	NA	(E)
20	Jul-21	4090	NA	NA	NA	(E)
21	Aug-21	4173	NA	NA	NA	(E)
22	Sep-21	3861	NA	NA	NA	(E)
23	Oct-21	3625	NA	NA	NA	(E)
24	Nov-21	3066	NA	NA	NA	(E)
25	Dec-21	3742	NA	NA	NA	(E)
26	Jan-22	4463	NA	NA	NA	(E)
27	Feb-22	3643	NA	NA	NA	(E)
28	Mar-22	3502	NA	NA	NA	(E)
29	Apr-22	3547	NA	NA	NA	(E)
30	May-22	3837	NA	NA	NA	(E)
31	Jun-22	4130	NA	NA	NA	(E)
32	Jul-22	4137	NA	NA	NA	(E)
33	Aug-22	4220	NA	NA	NA	(E)
34	Sep-22	3907	NA	NA	NA	(E)
35	Oct-22	3664	NA	NA	NA	(E)
36	Nov-22	3104	NA	NA	NA	(E)
37	Dec-22	3787	NA	NA	NA	(E)
38						
39						

Supporting Schedules:

Recap Schedules:

SCHEDULE E-19a | DEMAND AND ENERGY LOSSES | Page 1 of 2

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide estimates of demand and energy losses for transmission and distribution system components and explain the methodology used in determining losses.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line No.		Annual MWH Energy Losses	Demand Losses by Component-MW Winter Peak	Summer Peak	Avg 12 CP
1					
2	Transmission System				
3	Generator Step-up Transformers	43,430	13.82	12.49	10.57
4	Transmission Lines 230 & 138 kV	164,428	75.98	68.69	58.14
5	Transmission Lines 69 kV	59,119	32.20	29.11	24.64
6	Transmission Transformers	29,621	8.65	7.82	6.62
7		296,599	130.65	118.11	99.97
8					
9	Distribution System				
10	Distribution Substation Transformers	90,681	21.26	19.45	16.84
11	Distribution Primary Lines	144,010	59.22	54.19	46.90
12	Distribution Line Transformers	337,846	72.19	69.33	64.67
13	Distribution Secondary Lines	116,005	31.86	30.60	28.54
14		688,541	184.52	173.56	156.95
15					
16	Total	985,140	315.17	291.67	256.92
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					
34					
35					
36					
37					
38					
39					

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Provide estimates of demand and energy losses for transmission and distribution system components and explain the methodology used in determining losses.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line No.

Development of demand and energy losses for transmission and distribution system components.

a. Demand Losses:

Demand losses occur at a particular “snapshot” in time and are composed of load losses and no-load losses, sometimes referred to as copper and core losses. Load losses result from current flowing through the resistance of transmission and distribution lines and transformers, and is expressed mathematically as I^2R where I = current and R= resistance. No-load losses consist of hysteresis and eddy current losses arising from changing flux densities in the iron core of transformers and are present whenever the transformer is energized, whether or not it is carrying load.

b. Energy Losses:

Energy losses are average demand losses that occur each hour over a period of time, in this study, one year. Since it is not practical to calculate the demand load losses each hour for 8,760 hours, approximate methods are used. Demand losses can be calculated at specific load levels of a load duration curve. The weighted sum of the losses at these load levels yields the average demand load loss, which then can be multiplied by the number of hours in a year, (8,760) to arrive at the energy losses. The no-load demand losses are the same for each hour, thus the energy loss calculation is straightforward.

c. Transmission Losses Methodology:

Load flow models utilizing the PSSE program were created to calculate the transmission system load losses. Detailed system models are created for the TEC and FRCC transmission systems. The models are initially created with forecasted system loads at peak and at 10% increments from 100% to 20%. Once the actual yearly peak load has occurred, the results of the forecasted models are scaled up or down to reflect actual load and system losses at various levels. Demand load losses were then obtained for the peak case and each off-peak case for each of the components of the transmission system. The system load duration curve was then applied to the demand results to arrive at the energy losses.

d. Distribution Losses Methodology:

A distribution system modeling utilizing the Synergi program was used to calculate the losses on the distribution system. The Synergi models are scaled in 10% increments from 100% to 10% and the system load duration curve was then applied to the demand results to arrive at the energy losses. Distribution losses are divided into four categories: substation transformers, primary lines, line transformers and secondary lines . Loss calculations for line transformers and secondary lines were based on manufacturer’s data utliizing system average calculations. Because of the extremely large quantity of line transformers and secondary lines in service, no attempt was made to model and analyze these individually. Manufacturer's data for distribution line transformers was analyzed to determine an approximate percent loss at peak load for both load and no - load losses. Similarly, for secondary line losses, various lengths of secondary cable were analyzed to determine the approximate percent loss at peak load. These values were calculated as part of a study done by Distribution Engineering.

Supporting Schedules:

Recap Schedules:

SCHEDULE E-19b | ENERGY LOSSES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

EXPLANATION: Show energy losses by rate schedule for the test year and explain the methodology and assumptions used in determining these losses.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020
Witness: L. L. Cifuentes

Line No.	Rate Schedule	(1) MWH Energy at Generation	(2) Billed & Unbilled MWH Sales at Meter	(3) Losses and Company Use MWH	(3) Losses and Company Use %	(4) Delivered Efficiency (2) / (1)	(5) MWH Company Use	(6) MWH System Losses
1	RESIDENTIAL							
2	SECONDARY	10,186,747	9,671,643	515,104	5.1%	94.9%	-	515,104
3								
4	GS & TS							
5	SEM/SES	991,739	941,590	51,259	5.2%	94.9%	1,110	50,148
6	SEM/PRS	-	-	-	0.0%	0.0%		-
7	PRM/SES	266	259	28	10.6%	97.4%	21	7
8	PRM/PRS	384	374	10	2.6%	97.4%		10
9	PRM/SUS	-	-	-	0.0%	0.0%		-
10	SUBTOTAL	992,389	942,224	51,297	5.2%	94.9%	1,132	50,165
11								
12	GSD							
13	SEM/SES	7,197,883	6,833,914	392,420	5.5%	94.9%	28,452	363,969
14	SEM/PRS	-	-	-	0.0%	0.0%		-
15	PRM/SES	209,973	204,508	9,746	4.6%	97.4%	4,281	5,465
16	PRM/PRS	98,609	96,043	2,867	2.9%	97.4%	300	2,567
17	PRM/SUS	1,540	1,500	40	2.6%	97.4%		40
18	SUM/PRS	798	787	298	37.3%	98.6%	287	11
19	SUM/SUS	-	-	-	0.0%	0.0%		-
20	SUBTOTAL	7,508,804	7,136,751	405,372	5.4%	95.0%	33,320	372,052
21								
22	GSLD							
23	PRM/PRS	1,174,123	1,143,563	30,560	2.6%	97.4%	-	30,560
24	SUM/SUS	784,982	773,770	11,211	1.4%	98.6%	-	11,211
25	SUBTOTAL	1,959,105	1,917,333	41,772	2.1%	97.9%	-	41,772
26								
27	SL/OL							
28	SECONDARY	119,580	113,534	7,555	6.3%	94.9%	1,508	6,047
29								
30	TOTAL							
31	SEM/SES	18,495,948	17,560,681	966,337	5.2%	94.9%	31,070	935,267
32	SEM/PRS	-	-	-	0.0%	0.0%	-	-
33	PRM/SES	210,240	204,767	9,774	4.6%	97.4%	4,302	5,472
34	PRM/PRS	1,273,117	1,239,980	33,437	2.6%	97.4%	300	33,137
35	PRM/SUS	1,540	1,500	40	2.6%	97.4%	-	40
36	SUM/PRS	798	787	298	37.3%	98.6%	287	11
37	SUM/SUS	784,982	773,770	11,211	1.4%	98.6%	-	11,211
38	TOTAL	20,766,625	19,781,485	1,021,099	4.9%	95.3%	35,959	985,140
39								
40	The methodology and assumptions for determining losses are detailed in Schedule E-19a.							
41	Company use is based on historical data as a percentage of total billed sales, then applied to projected 2022 billed sales.							

Supporting Schedules:

Recap Schedules:

SCHEDULE E-19c | DEMAND LOSSES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Show maximum demand losses by rate schedule for the test year and explain the methodology and assumptions used in determining losses.

Type of data shown:
XX Projected Test Year Ended 12/31/2022
Projected Prior Year Ended 12/31/2021
Historical Prior Year Ended 12/31/2020

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20210034-EI

Witness: L. L. Cifuentes

Line No.	Rate Schedule	(1) 12 Month Average Coincident Demand At Generation (MW)	(2) 12 Month Average Coincident Peak At The Meter (MW)	(3) Total Losses MW (l) - (2)	(4) Percent Losses	(5) System Losses Including Company Use
1	RESIDENTIAL					
2	SECONDARY	2,266.7	2,109.7	157.0	6.9%	157.0
3						
4	GS & TS					
5	SEM/SES	192.8	179.5	13.3	6.9%	13.3
6	SEM/PRS	-	-	-	-	-
7	PRM/SES	0.0	0.0	0.0	4.3%	0.0
8	PRM/PRS	0.1	0.1	0.0	4.3%	0.0
9	PRM/SUS	-	-	-	0.0%	-
10	SUBTOTAL	192.9	179.6	13.3	6.9%	13.3
11						
12	GSD					
13	SEM/SES	1,116.7	1,039.6	77.1	6.9%	77.1
14	SEM/PRS	-	-	-	-	-
15	PRM/SES	27.8	26.6	1.2	4.3%	1.2
16	PRM/PRS	0.3	0.3	0.0	4.3%	0.0
17	PRM/SUS	0.2	0.2	0.0	4.3%	0.0
18	SUM/PRS	0.1	0.1	0.0	2.6%	0.0
19	SUM/SUS	-	-	-	-	-
20	SUBTOTAL	1,145.1	1,066.8	78.3	6.8%	78.3
21						
22	GSLD					
23	PRM/PRS	142.5	136.4	6.1	4.3%	6.1
24	SUM/SUS	79.7	77.6	2.1	2.6%	2.1
25	SUBTOTAL	222.2	214.0	8.2	3.7%	8.2
26						
27	SL/OL					
28	SECONDARY	1.5	1.4	0.1	7.0%	0.1
29						
30	TOTAL					
31	SEM/SES	3,577.7	3,330.2	247.5	6.9%	247.5
32	SEM/PRS	-	-	-	-	-
33	PRM/SES	27.8	26.6	1.2	4.3%	1.2
34	PRM/PRS	142.9	136.8	6.1	4.3%	6.1
35	PRM/SUS	0.2	0.2	0.0	4.3%	0.0
36	SUM/PRS	0.1	0.1	0.0	2.6%	0.0
37	SUM/SUS	79.7	77.6	2.1	2.6%	2.1
38	TOTAL	3,828.4	3,571.5	256.9	6.7%	256.9
39						
40	The methodology and assumptions for determining losses are detailed in Schedule E-19a.					
41						

Supporting Schedules:

Recap Schedules: