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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 **<u>Revised</u>** 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,

when 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		
Taye	Taye	MFR E-5		
7	7	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

MFR Schedule	Witness	Title	Bates Stamped Page No.
E-1	Vogt	Cost Of Service Studies	1
E-2	Vogt	Explanation Of Variations From Cost Of Service Study Approved In Company's Last Rate Case	2
E-3a	Vogt	Cost Of Service Study-Allocation Of Rate Base Components To Rate Schedule	3
E-3b	Vogt	Cost Of Service Study-Allocation Of Expense Components To Rate Schedule	4
E-4a	Vogt	Cost Of Service Study-Functionalization And Classification Of Rate Base	5
E-4b	Vogt	Cost Of Service Study-Functionalization And Classification Of Expenses	6
E-5	Ashburn Vogt	Source And Amount Of Revenues-At Present And Proposed Rates	7
E-6a	Vogt	Cost Of Service Study-Unit Costs, Present Rates	8
E-6b	Vogt	Cost Of Service Study-Unit Costs, Proposed Rates	9
E-7	Ashburn	Development Of Service Charges	10



MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

MFR Schedule	Witness	Title	Bates Stamped Page No.
E-8	Ashburn Vogt	Company-Proposed Allocation Of The Rate Increase By Rate Class	17
E-9	Vogt	Cost Of Service - Load Data	18
E-10	Vogt	Cost Of Service Study-Development Of Allocation Factors	20
E-11	Cifuentes Vogt	Development Of Coincident And Non- Coincident Demands For Cost Study	30
E-12	Chronister Cifuentes Lewis Vogt	Adjustment To Test Year Revenue	48
E-13a	Ashburn	Revenue From Sale Of Electricity By Rate Schedule	50
E-13b	Ashburn	Revenues By Rate Schedule-Service Charges (Account 451)	51
E-13c	Ashburn	Base Revenue By Rate Schedule-Calculations	52
E-13d	Ashburn	Revenue By Rate Schedule-Lighting Schedule Calculation	89
E-14	Ashburn	Proposed Tariff Sheets And Support For Charges	95



MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

MFR Schedule	Witness	Title	Bates Stamped Page No.
E-15	Ashburn Cifuentes	Projected Billing Determinants-Derivation	234
E-16	Cifuentes	Customers By Voltage Level	235
E-17	Cifuentes	Load Research Data	237
E-18	Cifuentes	Monthly Peaks	242
E-19a	Cifuentes	Demand And Energy Losses	244
E-19b	Cifuentes	Energy Losses	246
E-19c	Cifuentes	Demand Losses	247

Studies and Workpapers

VOL I	Jurisdictional Separation Study
VOL II	Cost of Service Study
VOL III	Lighting Incremental Cost Study

Schedule E-1	COST OF SERVICE STUDIES	Page
LORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide under separate cover a cost of service study that allocates production and transmission	Type of Data Shown:
	plant using the average of the twelve monthly coincident peaks and 1/13 weighted average	XX Projected Test Year Ended 12/31/202
COMPANY: TAMPA ELECTRIC COMPANY	demand (12 CP and 1/13th) method. In addition, if the Company is proposing a different cost	Projected Prior Year Ended 12/31/202
	allocation method, or if a different method was adopted in its last rate case, provide cost of	Historical Prior Year Ended 12/31/202
	service studies using these methods as well. All studies filed must be at both present and	Witness: L. J. Vogt
	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).	
OOCKET 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		
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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	EXPLANATION: Explain the differences between the cost of service study approved in the company's	Type of Data Shown:
	last rate case and that same study filed as part of Schedule E-1 in this rate case	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	(e.g., classification of plant, allocation factor used for certain plant or expenses, etc.)	Projected Prior Year Ended 12/31/2021
		Historical Prior Year Ended 12/31/2020
DOCK DOCKET No. 20210034-EI		Witness: L. J. Vogt

Line I	No.	
1		
2	Та	Impa 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.
3		
4	TE	EC has employed the following changes in its Cost of Service Studies in this proceeding as compared to the above referenced docket:
5		
6	1.	Production Related:
7		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
8		b) a 50% Summer Winter CP Averages and 50% Daylight Energy allocator for Solar generation in its additional Cost of Service Study being presented.
9		
10	2.	Transmission Related:
11		No additional changes have been incorporated.
12		
13	3.	Distribution Related:
14		The company has employed a refined Minimum Distribution System approach in the proposed Cost of Service Study, which it has relied upon.
15		
16	4.	
17		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
18		that are served at higher voltages, to two new GSLD Rate Classes.
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Supporting Schedules: E-1

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Schedule E-3a	COST OF SERVICE STUDY - ALLOCATION OF RATE BASE COMPONENTS TO RATE SCHEDULE		Page 1 of
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: For each cost of service study filed, provide the allocation		Type of Data Shown:
	of rate base components as listed below to rate schedules.		XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY			Projected Prior Year Ended 12/31/2021
DOCK DOCKET No. 20210034-EI			Historical Prior Year Ended 12/31/2020 Witness: L. J. Vogt
500K 500KET NO. 20210004-EI			Wittess. E. U. Vogi
ine No.			
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4	INFORMATION PROVIDED IN EACH SEPARATE COST OF SERVICE STUDY ON		
5	OUTPUT REPORTS ENTITLED:		
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7			
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9		PAGES	
10		45 47	
11 12	PLANT IN SERVICE	15 - 17	
12	PLANT HELD FOR FUTURE USE	18	
14	PLANT HELD FOR FOTORE USE	10	
15	ACCUMULATED RESERVE FOR DEPRECIATION	19 - 21	
16		10 21	
17	WORKING CAPITAL	22 - 23	
18			
19	CONSTRUCTION WORK IN PROGRESS (CWIP)	24 - 25	
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49			Recap Schedules:

Supporting Schedules:

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LORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	For each cost of service study filed, provide the allocation of		Type of Data Shown:
		test year expenses to rate schedules.		XX Projected Test Year Ended 12/31/2
OMPANY: TAMPA ELECTRIC COMPANY				Projected Prior Year Ended 12/31/2
OCK DOCKET No. 20210034-EI				Historical Prior Year Ended 12/31/2
OCK DOCKET No. 20210034-EI				Witness: L. J. Vogt
ne No.				
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4		INFORMATION PROVIDED IN EACH SEPARATE COST OF SERVICE STUDY ON		
5		OUTPUT REPORTS ENTITLED:		
6				
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8			PAGES	
9				
10 11		OPERATIONS & MAINTENANCE	3 - 5	
12		DEPRECIATION EXPENSE	6 -8	
13				
14		TAXES OTHER THAN INCOME	9 - 10	
15				
16		INCOME TAXES	11 - 14	
17 18				
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Supporting Schedules:

4

FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Functionalize and classify test year rate base by primary account (plant balances,	Type of Data Shown:
	accumulated depreciation and CWIP). The account balances in the B Schedules	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	and those used in the cost of service study must be equal.	Projected Prior Year Ended 12/31/2021
COMINANT. TAMINA ELECTRIC COMINANT	and those used in the cost of service study must be equal.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: L. J. Vogt
DUCKET No. 20210034-EI		Williess. L. J. vogi
Line No.		
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5	THIS INFORMATION IS INCLUDED IN THE COST OF SERVICE STUDY SUPPORT	
6	WORKPAPERS PROVIDED UNDER SEPARATE COVER IN VOLUME II.	
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Schedule E-4b		TIONALIZATION AND CLASSIFICATION OF EXPENSES	Page 1 o
LORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Functionalize and classify test year operating expenses by primary account	Type of Data Shown:
		(depreciation expense, operation and maintenance expense, and any other	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		expense items). The balances in the C Schedules and those used in the	Projected Prior Year Ended 12/31/202
		cost of service study must be equal.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI			Witness: L. J. Vogt
Line No.			
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4		THIS INFORMATION IS INCLUDED IN THE COST OF SERVICE STUDY SUPPORT	
5		WORKPAPERS PROVIDED UNDER SEPARATE COVER IN VOLUME II.	
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47 Supporting Schedules:			Recap Schedules:

6

		SERVICE COMMISSION	EXPLANATION.	Provide a sche	dule by rate class	s which identifies the	e source and amount	of all reven	le included in t	he		Type of d	lata shown:		
COMPANY: TAMPA ELECTRIC COMPANY			Ext Externol.	Cost of Service MFR Schedule	Provide a schedule by rate class which identifies the source and amount of all revenue included in the Type of Cost of Service Study. The base rate revenue from retail sales of electricity must equal that shown on WFR 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.								XX Projected Test Year Ended 12/31/2022 Projected Prior Year Ended 12/31/2021 Historical Prior Year Ended 12/31/2020		
DOCKE	LI NO.	20210034-EI											Witness: L. J. Vogt	/R. A. Ashburn	
	Source by					REVENUES	S in \$000's								
	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 4 5	440-447	Sales of Electricity		1,167,433	0	1,167,433	666,901	67,302	346,606	30,023	-		2,884		53,
	451	Miscellaneous Service Charges		19,290	-	19,290	17,193	1,691	401	-			5		
84 9	454	Rent from Electric Property		13,935	62	13,874	8,743	680	4,286	83			82		
	456	Other Electric Revenue													
11 12		Wheeling Plant Related		7,642 1,125	7,642 36	- 1,089	- 639	- 55	- 340	- 24			- 2		
12		Energy Related		413	30 0	413	203	55 20	340 170	24 18			2		
14		Unbilled Revenues		(35)	-	(35)	(171)	12	123	- 10	_		-		
15		Subjied Revendes		(00)		(00)	(171)	12	125		_	_	-		
16 16 17		Total Present Revenue		\$ 1,209,803	\$ 7,739 \$	1,202,064	\$ 693,508 \$	69,760	\$ 351,927	\$ 30,149	\$ -	\$-	\$ 2,976 \$		53
18 19				Total		Total							Lighting	Lighting	
20		PROPOSED RATES		Company	Wholesale	Retail	RS	GS	GSD	IS	GSLDPR	GSLDSU	Energy	Facilities	
21 22 4 23	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
	451	Miscellaneous Service Charges		19,290	-	19,290	17,193	1,691	401		-	-	5		
	454	Rent from Electric Property		13,935	62	13,874	8,723	678	3,876		495	20	82		
	456	Other Electric Revenue													
29		Wheeling		7,642	7,642	-	-	-	-		-	-	-		
30		Plant Related		1,125	36	1,089	648	57	298		37	20	2		
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

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

Schedule E-6a	COST OF SERVICE STUDY - UNIT COSTS, PRESENT RATES	Page 1
LORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: For each cost of service study filed by the Company, calculate the unit costs for demand, energy	Type of Data Shown:
	and customer for each rate schedule at present and proposed rates, based on the revenue requirements from	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	sales of electricity only, excluding other operating revenues. The demand unit costs	Projected Prior Year Ended 12/31/202
	must be separated into production, transmission and distribution. Unit costs under present rates	Historical Prior Year Ended 12/31/2020
	must be calculated at both the system and class rates of return. Unit costs must be provided	Witness: L. J. Vogt
	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	
DOCKET No. 20210034-EI	for fixtures and poles. The lighting fixtures and poles must be shown on a separate line.	
JUCKET NO. 20210034-EI	Billing units must match Schedule E-13c.	
ine No.		
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3	The unit cost information is provided in each separate Cost of Service Study on output report Pages 29, 29A & 29B titled	
4	"Derivation of Unit Costs":	
5		
6	Output report page 28 is cost at Proposed Rate of Return (ROR)	
7	Output report page 28A is cost at Retail Jurisdictional Rate of Return (ROR)	
8	Output report page 28B is cost at Class Rate of Return (ROR)	
9		
10	The billing data for which the costs are unitized are the same as those stated in MFR Schedule E-13c adjusted	
11	for appropriate rate making application as follows:	
12		
13	 Those billing units that are stated as measured at primary or 	
14	subtransmission voltage are adjusted by 1% and 2% respectively to	
15	establish those effective billing units at the secondary metering voltage.	
16	The secondary metering voltage is the basis for the charges contained	
17	in the Company's rate schedules except for the new GSLDPR and GSLDSU	
18	sets of rate schedules.	
19		
20	(2) The billing demands of standby service customers have been adjusted to recognize their	
21	appropriate rate design. That is, the billing demands associated with the Standby	
22	customer's monthly Power Supply Reservation Charge and the daily Power Supply	
23	Demand Charge are subject to costs factored by 0.12 and 0.0476 respectively.	
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Schedule E-6b	COST OF SERVICE STUDY - UNIT COSTS, PROPOSED RATES	Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: For each cost of service study filed by the Company, calculate the unit costs for demand, energy	Type of Data Shown:
	and customer for each rate schedule at present and proposed rates, based on the revenue requirements from	XX Projected Test Year Ended 12/31/2022
	sales of electricity only, excluding other operating revenues. The demand unit costs	Projected Prior Year Ended 12/31/2021
	must be separated into production, transmission and distribution. Unit costs under present rates	Historical Prior Year Ended 12/31/2020
COMPANY: TAMPA ELECTRIC COMPANY	must be calculated at both the system and class rates of return. Unit costs must be provided	Witness: L. J. Vogt
	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.	
DOCKET No. 20210034-EI	Billing units must match Schedule E-13c.	

Line No.		
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5	See description in MFR-E-6a.	
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Supporting Schodulor		Room Schedules:

Supporting Schedules:

SCHEDULE E-7	DEVELOPMENT OF SERVICE CHARGES	Page 1 of 7
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide the calculation of the current cost of providing the services listed in	Type of Data Shown:
	Schedule E-13b. At a minimum, the schedule must include an estimate of all labor,	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	transportation, customer accounting and overhead costs incurred in providing the service,	Projected Prior Year Ended 12/31/2021
	and a short narrative describing the tasks performed.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: W. R. Ashburn

		Initia	I Service Conn	ection			
1							
2		(1)	(2)		(3)	(4)	(5)
3			Ratio		Total	(1) Loading Factor for non-productive	72.0%
4		Hours	<u>or, \$/Hr</u>		<u>\$/Unit</u>	time, direct benefits, other payroll	
5						costs and A&G.	
6	Customer Service and Office Labor Expenses	0.85	\$28.60		\$24.18		
7							
8	Field Labor Expenses	2.29	\$41.70		95.66	(2) Loading Factor for Energy Delivery's	33.61%
9						supervisory and administrative overhead.	
10	Payroll and A&G loading factor		72.00%	(1)	86.29		
11							
12	Administrative and Overhead loading factor		33.61%	(2)	40.28		
13							
14	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				\$246.41		
15							
16	Vehicles (Transportation) Costs	0.54	\$10.56		5.70		
17							
18							
19	Total Cost of Providing Service (14)+(16)				\$252.11		
20							
21							
22							

25 Description of Task Performed:

26 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.

SCHEDULE E-7	DEVELOPMENT OF SERVICE CHARGES		Page 2 o
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide the calculation of the current cost of providing the services listed in	Type of Data Shown:	
	Schedule E-13b. At a minimum, the schedule must include an estimate of all labor,	XX Projected Test Year Ended 12	2/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	transportation, customer accounting and overhead costs incurred in providing the service,	Projected Prior Year Ended 12	2/31/2021
	and a short narrative describing the tasks performed.	Historical Prior Year Ended 1	2/31/2020
DOCKET No. 20210034-EI		Witness: W. R. Ashburn	

		Reconnecting c		squerit oubscri	bei		
1							
2		(1)	(2)		(3)	(4)	(5)
3			Ratio		Total	(1) Loading Factor for non-productive	72.0%
4		Hours	or, \$/Hr		\$/Unit	time, direct benefits, other payroll	
5						costs and A&G.	
6	Customer Service and Office Labor Expenses	0.15	\$27.65		\$4.16		
7							
8	Field Labor Expenses	0.01	\$33.25		0.33	(2) Loading Factor for Energy Delivery's	33.61%
9						supervisory and administrative overhead.	
10	Payroll and A&G loading factor		72.00%	(1)	3.23		
11							
12	Administrative and Overhead loading factor		33.61%	(2)	1.51		
13							
14	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				\$9.23		
15							
16	Vehicles (Transportation) Costs	0.01	\$4.04		0.03		
17							
18							
19							
20	Total Cost of Providing Service (14) + (16) + (18)				\$9.26		
21							
22							
23							
24							
25							
26 _C	escription of Task Performed:						
27	Customer Service Professional (CSP) receives new service turn-on r						
28	System (CRM). Advanced Metering Infrastructure (AMI) reconnects are monitored by AMI operations. If the reconnect fails, AMI operatio						
29	order request and assigns to Meter Field Representative. Meter Field						
30	service turn-on. Meter Field Rep completes service order in mobile u		,				
31							
32							

Supporting Schedules:

SCHEDULE E-7	DEVELOPMENT OF SERVICE CHARGES	Page 3 of 7
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide the calculation of the current cost of providing the services listed in	Type of Data Shown:
	Schedule E-13b. At a minimum, the schedule must include an estimate of all labor,	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	transportation, customer accounting and overhead costs incurred in providing the service,	Projected Prior Year Ended 12/31/2021
	and a short narrative describing the tasks performed.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: W. R. Ashburn

		Reconnect Afte	er Disconnect at	Meter for C	ause		
1							
2		(1)	(2)		(3)	(4)	(5)
3			Ratio		Total	(1) Loading Factor for non-productive	72.0%
4		Hours	<u>or, \$/Hr</u>		<u>\$/Unit</u>	time, direct benefits, other payroll	
5						costs and A&G.	
6	Customer Service and Office Labor Expenses	0.16	\$28.21		\$4.49		
7							
8	Field Labor Expenses	0.02	\$33.25		0.67	(2) Loading Factor for Energy Delivery's	33.61%
9						supervisory and administrative overhead.	
10	Payroll and A&G loading factor		72.00%	(1)	3.72		
11							
12	Administrative and Overhead loading factor		33.61%	(2)	1.74		
13							
14	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				\$10.62		
15							
16	Vehicles (Transportation) Costs	0.01	\$4.04		0.05		
17							
18	2 Meter seals, disconnect notice, meter boots				1.08		
19							
20	Total Cost of Providing Service (14) + (16) + (18)				\$11.75		
21							

23

24

25

²⁶ Description of Task Performed:

27 Billing produces a field service disconnect order (SDIS) and the order is routed through the Customer Relationship Manager system (CRM). Advanced Metering

28 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

31 information and inputs reconnect request in the CRM. CRM generates service order reconnect that is processed through AMI. Advanced Metering Infrastructure (AMI)

32 reconnects the customer through the automated process. Failed automated processes are monitored by AMI operations. If the reconnect fails, AMI operations sends a

³² field reconnect request to the Meter Operations Dispatcher/Planner (DPA). DPA receives order request and assigns to Meter Field Representative. Meter Field Rep ³³ 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.

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Supporting Schedules:

42 43 44

Recap Schedules: E-13b

SCHEDULE E-7	DEVELOPMENT OF SERVICE CHARGES	Page 4 of 7
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide the calculation of the current cost of providing the services listed in	Type of Data Shown:
	Schedule E-13b. At a minimum, the schedule must include an estimate of all labor,	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	transportation, customer accounting and overhead costs incurred in providing the service,	Projected Prior Year Ended 12/31/2021
	and a short narrative describing the tasks performed.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: W. R. Ashburn

		Reconnect After C	Cut On Pole Di	sconnect for Ca	ause		
1							
2		(1)	(2)		(3)	(4)	(5)
3			Ratio		Total	(1) Loading Factor for non-productive	72.0%
4		Hours	<u>or, \$/Hr</u>		<u>\$/Unit</u>	time, direct benefits, other payroll	
5						costs and A&G.	
6	Customer Service and Office Labor Expenses	0.20	\$30.75		\$6.15		
7							
8	Field Labor Expenses	1.58	\$47.60		75.36	(2) Loading Factor for Energy Delivery's	33.61%
9						supervisory and administrative overhead.	
10	Payroll and A&G loading factor		72.00%	(1)	58.69		
11							
12	Administrative and Overhead loading factor		33.61%	(2)	27.40		
13	-						
14	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				\$167.59		
15							
16	Vehicles (Transportation) Costs	1.53	\$10.73		16.46		
17							
18	Total Cost of Providing Service (14) + (16)				\$184.05		
19							

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23 Description of Task Performed:

24 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.

25 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 (PPF) enters the bucket and performs the disconnect. Customer makes payment then calls Customer Service to initiate reconnect order.

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.

29 Troubleshooter sets up his truck with proper maintenance of traffi Troubleshooter completes the ticket with required information.

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Build be labored. Hubbre 1 233 (202) UDENT NUMBER 100000 100000 100000 100000 100000 100000 100000 100000 100000 1000000 1000000 1000000 1000000 10000000 10000000 100000000 1000000000000000000000000000000000000	CHEDULE E-7 LORIDA PUBLIC SE	ERVICE COMMISSION E	XPLANATION: Provide the calcula	ELOPMENT OF SEF			Type of Data Shown:	Page 5 of 7
Field Credit Vice Image Call (1) (2) (3) (4) (5) Customer Service and Otho Labor Expenses 0.02 53.29 80.55 (2) Lassing and Call and	OMPANY: TAMPA ELECTRIC COMPANY transportation, customer a			omer accounting and	overhead cos		Projected Prior Year Ende	d 12/31/2021
(1) (2) (3) (4) (0) Faire Total (1) Loading Factor for non-productive true, diver benefits 72.0% Contomer Service and Office Labor Expenses 0.02 \$32.89 \$0.65 100 contain Gamma Control Contrecont Control Control Contrecont Control Contrecont Con	OCKET No. 202100)34-EI		-			Witness: W. R. Ashburn	
$ \left(\begin{array}{cccc} (1) & (2) & (3) & (4) & (4) & (5) \\ \hline Rab & OBA \\ \hline Rab & $				Field Credit	Visit			
interpretent i	-							
Image: Second			(1)					
Integr Oracle it Priori Description Clasteries Service and Office Labor Expenses 0.02 \$22.89 \$0.55 (2) Loading Factor for Energy Delivery's \$3.81% Payori and A&G loading Includ? 72.00% (1) \$5.7 supervisory and administrative overhead. \$3.81% Vehicles of Labor Backing Includ? 33.61% (2) 4.47 \$3.61% \$3.61% Vehicles of Labor Cand Loadings (6) + (8) + (10) + (12) - \$27.34 \$3.61% \$3.61% Vehicles (Transportation) Costs 0.33 \$4.04 1.35 \$3.61% \$3.61% Vehicles (Tansportation) Costs 0.33 \$4.04 1.35 \$3.61% \$3.61% Vehicles (Tansportation) Costs 0.33 \$4.04 1.35 \$3.61% \$3.61% Vehicles (Tansportation) Costs 0.361% \$3.61% \$3.61% \$3.61% \$3.61% Stationer Service (14) + (16) + (18) - \$3.61% \$3.61% \$3.61% \$3.61% Stationer Service (14) + (16) + (18) - \$3.61% \$3.61% \$3.61% \$3.61%							., .	72.0%
 			Hou	rs <u>or, \$/Hr</u>		<u>\$/Unit</u>		
Payrol and A&G loading factor 72.00% (1) 9.57 Administrative and Overheed loading factor 33.61% (2) 4.47 Subbal of Labor and Loadings (8) + (8) + (10) + (12) 527.34 Door Hanger Tag 0.04 Vehicles (framsportation) Costs 0.33 64.04 1.35 Total Cost of Providing Service (14) + (16) + (18) 528.73	Oustonior	Service and Office Labor Expenses	0.02	\$32.89		\$0.55		
1 Control to the con	T ICIG EGDO	r Expenses	0.34	\$33.25		12.75		33.61%
International and control table and Laderings (b) + (b) + (c) + (11	d A&G loading factor		72.00%	(1)	9.57		
Decretanger Tag 0.04 Vehicles (Transportation) Costs 0.33 \$4.04 1.35 Total Cost of Providing Service (14) + (16) + (18) \$28.73 Bescription of Task Performed: Secretation in the bile laptop to determine ocurse of action. Meter Field Rep these to work order via mobile unit and the information processed appears in the Customer Relationship Management System (CRM)	13	tive and Overhead loading factor		33.61%	(2)	4.47		
vehicles (Transportation) Costs 0.33 \$4.04 1.35 vehicles (Transportation) Costs 0.33 \$4.04 1.35 Total Cost of Providing Service (14) + (16) + (18) \$28.73 Observation Security of the 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 (I present) and documents credit arangement with Customer to avoid service disconnect. The Customer Relationship Management System (CRRM) Security of All All All All All All All All All Al	15		12)					
Interest (independent) form Interest (independent) form Total Cost of Providing Service (14) + (16) + (18) Interest (128, 28, 73) Description of Task Performed: State Teide Rep. Meter Field Rep. Meter Field Rep reviews (disconnect order. The Meter Operations Dispatcher/Planner (DPA) assigns order/ticket to the Meter Field Rep. Meter Field Rep. meter Field Rep reviews (disconnect order via mobile unit and the information processed appears in the Customer Relationship Management System (CRM) Image: Total Cost of Provide Via mobile unit and the information processed appears in the Customer Relationship Management System (CRM)	17	-						
Instant of the general control of the control of	19	. ,		3 \$4.04				
24 25 26 27 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	21	of Providing Service (14) + (16) + (18)				\$28.73		
Secryption 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)	23							
27 Billing produces field service disconnect order. The Meter Operations Dispatcher/Planner (DPA) assigns order/ficket to the Meter Field Rep. Neter Field Rep reviews 28 disconnect ticket in mobile lapto to determine course of action. Meter Field Rep drives to permise location, interacts with Customer for 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 creations by completes assigned work order via mobile unit and the information processed appears in the Customer Relationship Management System (CRM) 31								
27 Billing produces field service disconnect order. The Meter Operations Dispatcher/Planner (DPA) assigns order/ficket to the Meter Field Rep. Neter Field Rep reviews 28 disconnect ticket in mobile lapto to determine course of action. Meter Field Rep drives to permise location, interacts with Customer for 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 creations by completes assigned work order via mobile unit and the information processed appears in the Customer Relationship Management System (CRM) 31	26 Description of	Task Performed:						
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) 31 32 33 34 35 36 37 36 39 39 40 41 41 42 43	27 Billing proc	duces field service disconnect order. The						
Completes assigned work order via mobile dint and the mormation processed appears in the Customer Relationship Management System (CRW)	arrandeme							
31 32 33 34 35 36 37 38 39 40 41 42 43	completes	assigned work order via mobile unit and	the information processed appears	in the Customer Rel	ationship Mana	gement System (CRM)		
33 34 35 36 37 38 39 40 41 42 43								
34 35 36 37 38 39 40 41 42 43	32							
35 36 37 38 39 40 41 42 43								
36 37 38 39 40 41 42 43								
37 38 39 40 41 42 43								
38 39 40 41 42 43								
40 41 42 43								
41 42 43								
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	43 44							

Recap Schedules: E-13b

SCHEDULE E-7	DEVELOPMENT OF SERVICE CHARGES	Page 6 of 7
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide the calculation of the current cost of providing the services listed in	Type of Data Shown:
	Schedule E-13b. At a minimum, the schedule must include an estimate of all labor,	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	transportation, customer accounting and overhead costs incurred in providing the service,	Projected Prior Year Ended 12/31/2021
	and a short narrative describing the tasks performed.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: W. R. Ashburn

		Tampering	Charge Withou	t Investigatio	n		
1							
2		(1)	(2)		(3)	(4)	(5)
3			Ratio		Total	(1) Loading Factor for non-productive	72.0%
4		Hours	or, \$/Hr		<u>\$/Unit</u>	time, direct benefits, other payroll	
5						costs and A&G.	
6	Customer Service and Office Labor Expenses	0.05	\$32.89		\$1.64		
7							
8	Field Labor Expenses	0.45	\$33.25		14.96	(2) Loading Factor for Energy Delivery's	33.61%
9						supervisory and administrative overhead.	
10	Payroll and A&G loading factor		72.00%	(1)	11.96		
11							
12	Administrative and Overhead loading factor		33.61%	(2)	5.58		
13							
14	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				\$34.14		
15							
16	Vehicles (Transportation) Costs	0.33	\$4.04		1.35		
17							
18	Meter Seal, Security Lock				13.6		
19					<u> </u>		
20	Total Cost of Providing Service (14) + (16) + (18)				\$49.09		
21							
22 23							

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²⁶ Description of Task Performed:

27 Meter Operations Dispatch Planning Analyst (DPA) receives request to complete field verification check where service disconnect has occurred and records indicate 28 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 28

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 are the unit 29

20	locking device.	Meter Field Rep completes order in mobile unit.	
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SCHEDULE E-7	DEVELOPMENT OF SERVICE CHARGES	Page 7 of
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide the calculation of the current cost of providing the services listed in	Type of Data Shown:
	Schedule E-13b. At a minimum, the schedule must include an estimate of all labor,	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	transportation, customer accounting and overhead costs incurred in providing the service,	Projected Prior Year Ended 12/31/2021
	and a short narrative describing the tasks performed.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: W. R. Ashburn
DOCKET No. 20210034-EI		Witness: W. R. Ashburn
	Temporary Service	
1		

2		(1)	(2)		(3)	(4)	(5)
3			Ratio		Total	(1) Loading Factor for non-productive	72.0%
4		Hours	<u>or, \$/Hr</u>		<u>\$/Unit</u>	time, direct benefits, other payroll	
5						costs and A&G.	
6	Customer Service and Office Labor Expenses	0.75	\$28.60		\$21.37		
7							
8	Field Labor Expenses	2.93	\$44.73		131.20	(2) Loading Factor for Energy Delivery's	33.61%
9						supervisory and administrative overhead.	
10	Payroll and A&G loading factor		72.00%	(1)	109.85		
11	, ,						
12	Administrative and Overhead loading factor		33.61%	(2)	51.28		
13	Ŭ			()			
14	Subtotal of Labor and Loadings $(6) + (8) + (10) + (12)$				\$313.70		
15	5 (*) (*) (*) (*)						
16	Vehicles (Transportation) Costs	0.67	\$13.03		8.69		
17	· ······· (···························						
18	Total Cost of Providing Service (14) + (16)				\$322.39		
19							

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²⁴ Description of Task Performed:

25 One Source Customer Engineering Representative (CER) receives request from Customer, collects and enters customer information into WorkPro and creates a Work

26 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 any compared to approve work after any compared to approve the state of the

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.

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3	30			
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4	43			
4	44			

COMPANY: T	AMPA ELECTRIC COMPANY				1 71	roposed class rates ery class not left at th						XX Projected Test Year Projected Prior Year
		in	crease from se	ervice Projected	Prior Year Ende	d 12/31/2008 charge	s by rate class d	loes not equal that	at			Historical Prior Year E
		sl	nown on Sched	ule E-13b or if th	he increase from	sales of electricity d	oes not equal th	at shown on				Witness: W. R. Ashb
DOCKET No.	20210034-EI	S	chedule E-13a,	provide an expl	lanation.							
		(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	
				_	1	Dollars in Thousand			_			
		Present		Present	Proposed	Increase From	Increase	T ()	Proposed		Percent	
		Present Re		Class	Class	Serv Charges	From	Total	Proposed R		Total	
Line	Rate Class	ROR (%)	Index	Operating Revenue	Operating Revenue	and From Sales	Unbilled	Revenue	ROR (%)	Index	Revenue Increase	
No.				Revenue	Revenue	of Electricity	Revenue	Increase			Increase	
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	1. 1(3 (a)	3.42 /8	0.00	φ 000,301	φ 034,101	φ 107,200	φ (4)	φ 107,200	0.2378	0.54	20.176	
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	-			-		6.80%	1.02		
16	b. Facilities (f) Total VII.a. + VII. b.	8.04%	2.06				-	\$ 5,334	10.18%	1.53		
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%	
20	rotal Netali	3.90%	1.00	ψ 1,107,433	ψ 1,402,231	ψ 234,790	φ (9)	ψ 234,/09	0.00%	1.00	20.0%	
22												
23												
24												
25												

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

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

(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.

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

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

(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.

(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.

Supporting Schedules: E-1

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SCHEDULE E-8

FLORIDA PUBLIC SERVICE COMMISSION

Page 1 of 1

Type of data shown: XX Proiected Test Year Ended 12/31/2022 ar Ended 12/31/2021 ar Ended 12/31/2020

shburn / L. J. Vogt

EXPLANATION: Provid	a schedule which shows the company-proposed increase in revenue by rate schedule and
Туре с	f 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
increa	e from service Projected Prior Year Ended 12/31/2008 charges by rate class does not equal t

Schedule E-9		EXPLANATION:	Dravida the lead data ha		OST OF SERVICE - LC		allocation		Tumo of Do	to Shown	Page 1 of
LORIDA PUBLIC SERVICE COMMISSION		EXPLANATION:	Provide the load data be				allocation		Type of Da		
			factors for cost of service							Projected Test Year En	
COMPANY: TAMPA ELECTRIC COMPANY			number of customers and	d annual MWH should b	be in agreement with th	e company's forecast	in			Projected Prior Year Er	
			Schedule E-15.							Historical Prior Year En	ded 12/31/2020
DOCKET No. 20210034-EI										Witness: L. J. Vogt	
_	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
				Output	Class	CP	CP	Average	Average	12 CP &	Average
Line Rate	Sales	Annual MWH	Total	to Line	NCP	Winter	Summer	12 CP	Demand	1/13 Weighted	Number of
No. Class	MWH	Unbilled	MWH	MWH*	KW*	KW*	KW*	KW*	KW*	Average Demand*	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 en	ergy for third party ir	nterruptible sales								
40											

Supporting Schedules:

LORIDA PUBLIC SERVICE COMMISSION		EXPLANATION:	Provide the lead data below	by rate schedule. Any other load data used to develop demand allocation	Type of Data Shown:
LORIDA FOBLIC SERVICE COMMISSION		EXPLANATION.		dies submitted must also be provided. The average	XX Projected Test Year Ended 12/31/2022
OMPANY: TAMPA ELECTRIC COMPANY				nual MWH should be in agreement with the company's forecast in	Projected Prior Year Ended 12/31/2022 Projected Prior Year Ended 12/31/2021
DIMPANT. TAMPA ELECTRIC COMPANY			Schedule E-15.	nual MWPH should be in agreement with the company's forecast in	Historical Prior Year Ended 12/31/2020
OCK 20210024 EL			Schedule E-15.		
DCK 20210034-EI	(1-2)	(12)			Witness: L. L. Cifuentes/ L. J. Vogt
-	(12)	(13)	(14)		
	Average	Average	Average		
ine Rate	Top Ten Summer	Top Ten Winter	Daylight Energy		
o. Class	CP KW*	CP KW*	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					
I0 GSLDSU (b)	132,400	134,600	28,234		
1					
2 LS	27,906	28,541	5,203		
3					
4 TOTAL RETAIL	4,241,345	4,142,379	958,215		
5	.,,				
6 WHOLESALE					
17					
- I8 TOTAL SYSTEM	4,241,345	4,142,379	958,215		
9	1,211,010	1,112,010	000,210		
20					
11					
2					
23					
4					
25					
26					
27					
28					
29					
10					
1					
2					
3					
4					
5					
6					
7 * At Generation					
8 (a) Includes unmetered GS Customers					
9 (b) Includes IS and SBI. Does not include	e optional provision en	ergy for third party int	erruptible sales		

COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 1 of 10
EXPLANATION Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
allocation factor.	Historical Prior Year Ended 12/31/2020
	Witness: L. J. Vogt
	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

FACTOR 101: JURISDICTIONAL PRODUCTION															
PACTOR 101: JURISDIC HUNAL PRODUCTION	CAPACITY - 12	CP													
COINCIDENT DEMAND BY CUSTOMER CLASS Coincident kW at Production Level													Total 12 Month	Total 12 Month	FACTOR 10 PRODUCTIO CAPACITY
	Jan. 22	Feb. 22	Mar. 22	Apr. 22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Oct. 22	Nov. 22	Dec. 22	CP	Avg CP	12 CP
	4.440.000	0 / 40 000	3,502,000	3,547,000	0.007.000	4 4 9 9 9 9 9	4,137,000	4,220,000	3,907,000	0.444.000		0.707.000	15 0 11 000	0.000.447	
Adj for Load Management	4,463,000 (131.25)	3,643,000 (122.38)	3,502,000	3,547,000	3,837,000	4,130,000	4,137,000 (123.66)	4,220,000 (123.84)	3,907,000	3,664,000	3,104,000	3,787,000	45,941,000 (501)	3,828,417 (42)	
dj for GSLM Curtailment dj 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	10
HOLESALE SALES*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total Wholesale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OTAL 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	1(

Schedule E-10		COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 2 of 10
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
		supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
		allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI			Witness: L. J. Vogt

> 2 FACTOR 201: Energy - Output to Line 3

4 FACTOR 204: Retail Energy - Output to Line
5

5								
6		ENERGY		ENERGY @	ENERGY @	OUTPUT	EACTOR 201	FACTOR 204
8		@ CUST. MTRS	ENERGY @ SECON VOLTAGE	PRI VOLTAGE	SUBTRANS VOLTAGE	OUTPUT TO LINE	FACTOR 201 MWH @	MWH @
8	RATEC LASS	@ CUST. MIRS MWH*	SVC. (MWH)	SVC. (MWH)	SUBTRANS VOLTAGE SVC. (MWH)	(MWH)*	GENERATION	GENERATION (RETAIL)
9 10	RS	MWH	3VC. (MVVH)	1.025845	1.012060	(1.014489	GENERATION	GENERATION (RETAIL)
10	- Secondary	9,671,643	9,671,643	9,921,603	10,041,255	10,186,747		49.05%
12	- occontary	5,011,045	3,071,045	5,521,000	10,041,235	10,100,147		43.00 %
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		<u>-</u>		<u>-</u>	<u> </u>		
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 Subtrans Delivered 	787	-	786	795	807		
27		· · · · · · · · · · · · · · · · · · ·		·	· · · · ·			
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		1,140,000		1,145,505	1,107,004	1,114,125		5.5576
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								
40	*Based on 2022 Forecast							

48 *Based on 2022 Forecast. 49

Schedule E-10		COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 3 of 10
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
		supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
		allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI			Witness: L. J. Vogt

Line							
No.							
1							
2	FACTOR 122: WEIGHTED 12CP & 1/13TH AD						
3							
4							
5							
6							
7							
8							
9							FACTOR 122
10		AVERAGE	FACTOR 204	AVERAGE	% AVERAGE	% AVERAGE	WEIGHTED
11		12 MONTH	ANNUAL ENERGY	DEMAND	12 CP	DEMAND	12 CP & 1/13th
12	RATE CLASS	CP*	@ GENERATION*	(Energy/8.76)		(kW)	AVG DEMAND
13							
14							
15	RS						
16	- Secondary	2,266,667	10,186,747	1,162,871	59.207%	49.053%	58.426%
17							
18	GS & TS						
19	- Secondary	192,950	992,389	113,286	5.040%	4.779%	5.020%
20							
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%
25							
26	GSLDPR						
27	- Primary	142,493	1,174,123	134,032	3.722%	5.654%	3.871%
28							
29	GSLDSU						
30	- Subtrans (69 kV)	79,696	784,982	89,610	2.082%	3.780%	2.212%
31							
32	LS						
33	- Secondary	1,504	119,580	13,651	0.039%	0.576%	0.081%
34							
35	TOTAL	3,828,375	20,766,634	2,370,620	100.0%	100.0%	100.0%
36							
37	*Based on 2022 Forecast.						

*Based on 2022 Forecast.

40 41

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49

Schedule E-10		COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 4 of 10
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
		supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
		allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI			Witness: L. J. Vogt

3 4					FACTOR 121
4 5		Average	Average	Average	Weighted
6		Top Ten Summer	Top Ten Winter	Daylight Energy	Sum/Win CPs
7	RATE CLASS	CP KW*	CP KW*	MWH*	& Daylight MWH
8					
9					
10	RS	2,348,500	2,494,598	473,053	
11 12	GS & TS	223,808	208,781	49,100	
13	65 4 15	223,000	200,701	43,100	
14	GSD	1,298,543	1,093,819	350,362	
15					
16	GSLDPR	210,188	182,040	52,262	
17					
18	GSLDSU	132,400	134,600	28,234	
19 20	LS	27,906	28,541	5,203	
20	23	27,500	20,041	5,205	
22	TOTAL RETAIL	4,241,345	4,142,379	958,215	
23					
24					
25	RS	55.4%	60.2%	49.4%	53.582%
26					
27 28	GS & TS	5.3%	5.0%	5.1%	5.141%
20 29	GSD	30.6%	26.4%	36.6%	32.537%
30	000	00.070	20.170	00.075	02.001.70
31	GSLDPR	5.0%	4.4%	5.5%	5.065%
32					
33	GSLDSU	3.1%	3.2%	2.9%	3.066%
34					
35 36	LS	0.7%	0.7%	0.5%	0.608%
36 37	TOTAL RETAIL	100.0%	100.0%	100.0%	100.000%
		100.078	100.074	100.075	100.00078
38					

- 42 *Based on 2022 Forecast.

- Supporting Schedules:

	0	Page 5 of 1
	3LIC SERVICE COMMISSION	Type of Data Shown:
COMDANY: TAMPA ELECTRIC COMPANY Estates and a brief parative description of the development of each		XX Projected Test Year Ended 12/31/2022
	TAMPA ELECTRIC COMPANY	Projected Prior Year Ended 12/31/2021
allocation factor. Historical Prior Year Ended		Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI Witness: L. J. Vogt	20210034-EI	Witness: L. J. Vogt

Concident KW at Transmission Level India Total Total<															1	
Lin 2 Hor 2 Apr 2 Apr 2 Apr 2 Jun 2 Jun 2 Apr 2 Spr 2 Of 2 Nov. 2 Or 2 <tho< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>FACTOR 117</th></tho<>																FACTOR 117
jan 22 Feb 22 Mar 22 Apr 22 Jun 22 Jun 22 Jun 22 Jun 22 Jun 22 Spit 22 Oct 22 Nor. 22 De 22 CP Ang CP 12 CP RETAL RES - see: 3.115.958 2.380.599 1.919.893 1.947.629 2.207.285 2.424.067 2.329.762 2.431.528 2.243.496 2.069.257 1.950.216 2.537.434 27.00.115 2.266.676 1.950.216 2.537.434 27.00.115 2.266.676 1.950.216 2.537.434 2.753.328 1.92.990 1.918.808 1.097.674 3.93.637 1.353.328 1.92.990 1.914.438 1.99.977 1.183.104 1.247.390 1.337.272 1.328.978 1.178.731 1.188.808 1.097.674 3.91.637 1.353.230 1.144.438 1.99.977 1.99.97 1.99.97 1.99.97 1.99.97 1.99.97 1.99.97 1.99.97 1.99.97 1.337.272 1.328.978 1.178.731 1.189.808 1.097.674 3.91.637 1.37.929 1.492.83 3.99.948 3.99.948 3.99.948 3.99.948	Coincident kW at Transmission	Level														
RETAIL REFAIL REF. 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 9 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 2,315,398 192,999 GSD - sec 937,608 917,203 1,189,847 1,199,977 1,181,104 1247,390 1,337,272 1,328,074 1,374,751 1,183,808 1,097,674 931,637 137,352.00 1,144,436 GSD - prin 945 348 426 222 223 226 217 164 2,538 211 GSD - feakw 161,790 143 240 224 221 226 217 164 2,538 211 GSD - feakw 136,041 123,028 130,151 128,423 153,109 14			5 1 00							0 1 00	0.1.00		5 00			
RES - sec 3,115,98 2,380,599 1,919,893 1,947,829 2,207,285 2,424,067 2,329,752 2,431,528 2,243,466 2,069,257 1,593,216 2,537,43 27,200,115 2,266,676 GS - sec 189,649 146,364 188,614 196,388 205,259 219,126 239,771 226,736 206,472 190,850 173,676 133,481 2,315,388 192,596 GSD - sec 337,068 917,203 1,189,477 1,199,977 1,181,104 1,247,390 1,327,272 1,289,978 1,178,731 1,183,808 1,097,674 931,637 1,373,230 1,144,436 GSD - sec 337,008 917,203 1,489,474 474 474 476 500 512 520 424 231 226 217 144 2,539 211 GSD - sec 335,014 917,714 1,90,487 1,200,673 1,183,802 1,248,125 1,338,024 1,323,743 1,178,731 1,184,515 1,089,855 832,149 1,374,173 1,142,493 GSLDFR 136,041 123,026 72,654 72,596 86,3		Jan. 22	Feb. 22	Mar. 22	Apr. 22	May 22	Jun. 22	Jul. 22	Aug. 22	Sept. 22	Uct. 22	NOV. 22	Dec. 22	CP	AVg CP	12 CP
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 GS - sec 198,649 146,364 198,614 196,398 205,259 219,126 239,771 226,736 206,472 190,050 173,676 133,481 2,315,388 192,595 GSD - sec 937,608 917,203 1,198,947 1,183,104 1,247,390 1,327,722 1,328,978 1,178,731 1,183,808 1,067,674 931,637 13,733,230 1,144,436 GSD - pri 345 346	RETAIL															
GS - sec 189,649 145,364 188,614 196,398 205,259 219,126 239,771 226,736 206,472 190,850 173,676 133,461 2,315,388 192,950 GSD - sec 937,008 917,203 1,189,847 1,199,977 1,181,104 1,247,390 1,372,722 1,228,78 1,178,731 1,180,808 1,097,674 931,637 133,323 1,144,365 GSD - 69kv 161,790 163 204 222 229 235 240 244 231 226 217 164 2,538 211 GSD - 69kv 161,790 163 204 222 229 235 240 244 231 226 217 164 2,538 211 GSD - 69kv 136,041 123,028 130,151 129,704 154,323 153,109 147,189 148,830 178,029 140,688 153,030 115,814 1,709,915 142,483 GSLDR 75,972 68,846 72,854 72,596 86,313 85,573 82,264 83,163 99,548 78,710 85,724 <																
GS - sec 188,049 145,364 188,014 196,398 205,259 219,126 239,771 226,736 206,472 190,850 173,676 133,461 2,315,388 192,950 GSD - sec 937,608 917,203 1,189,847 1,199,977 1,181,104 1,247,390 1,372,72 1,228,78 1,178,731 1,180,808 1,097,674 931,637 133,323 1,144,365 GSD - 69kv 161,790 163 204 222 229 235 240 244 231 226 217 164 2,538 211 GSD - 69kv 161,790 153,047 1,190,487 1,200,673 1,183,820 1,248,125 1,338,024 1,329,743 1,179,454 1,168,515 1,098,355 932,149 13,741,173 1,142,483 GSLDPR 136,041 123,028 130,151 129,704 154,323 153,109 147,189 148,830 178,029 140,688 153,030 115,814 1,709,915 142,483 GSLDPR 75,972 68,846 72,854 72,566 86,313 85,573 82,264 83,163	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
GSD-sec 937,608 917,203 1,189,497 1,183,104 1,247,390 1,337,272 1,28,978 1,178,731 1,183,008 1,097,674 931,637 13,733,230 1,144,436 GSD-sec 345 348 436 4474 487 500 512 520 442 482 463 348 5,406 451 GSD-e6kv 161,790 163 204 222 229 235 240 244 231 226 217 164 2,538 211 GSD-folki 938,114 917,714 1,190,467 1,200,673 1,183,820 1,248,125 1,338,024 1,329,743 1,178,451 1,088,355 932,149 13,741,173 1,144,688 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 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		-,,	_,,	.,	.,	_,,	_, ,,	_,	_,,	_,,	_,,	.,,	_,,		_,,	
GSD-sec 937,608 917,203 1,189,847 1,199,977 1,163,104 1,247,390 1,337,272 1,328,978 1,178,731 1,183,008 1,097,674 931,637 13,733,230 1,144,436 GSD-sec 345 348 348 436 4474 487 500 512 520 4422 4483 348 5,406 451 GSD-eskw 161790 153 204 222 229 235 240 244 231 226 217 164 2,538 211 GSD-lotal 938,114 917,714 1,190,467 1,200,673 1,183,820 1,248,125 1,338,024 1,329,743 1,178,454 1,184,515 1,098,355 932,149 13,741,173 1,145,088 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 GSLDPR 136,041 123,028 3,643,000 3,502,000 3,547,000 4,130,000 4,137,000 3,207,000 3,787,000 3,78	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	
GSD - pri (SD - pri (SD - bia) 345 348 3436 474 467 500 512 520 492 482 463 348 5,406 451 (SD - bia) 161.790 163 204 222 229 235 240 244 221 226 217 164 2,538 211 (SD - bria) 938,114 917,714 1,190,487 1,20,073 1,183,820 1,248,125 1,338,024 1,329,743 1,178,455 1,083,55 932,149 13,741,173 1,145,098 (SSD - bria) 938,114 917,714 1,90,487 129,704 153,199 147,189 148,830 176,029 140,668 153,030 115,814 1,709,915 142,493 (SSLDPR 75,972 68,846 72,854 72,596 86,313 85,573 82,264 83,163 99,548 78,710 85,724 64,769 956,351 79,696 LS - sec 7,266 7,448 0 0 0 0 0				,	,		-, -		-,	,		-,		,,		
GSD - 68kv 161.790 163 204 222 229 235 240 244 231 226 217 164 2,538 211 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 1,089,355 932,149 13,741,173 1,145,098 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 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 LS - sec 7,266 7,448 0 0 0 0 0 0 0 3,333 18,046 1,504 WHOLESALE* SepArateD SALES 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	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	
SSD - 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 23 GSL - 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 23 GSL DPR 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 GSL DSU 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 LS - sec 7,266 7,448 0 0 0 0 0 3,907,000 3,664,000 3,104,000 3,787,000 45,940,999 3,828,417 14 WHOLESALE* S 0 0 0 0 0 0	GSD - pri															
GSLDPR 136,041 123,028 130,151 129,704 154,323 153,109 147,189 148,830 176,029 140,668 153,030 115,814 1,709,915 142,493 GSLDPR 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 LS - sec 7,266 7,448 0 0 0 0 0 0 3,897,000 3,897,000 4,130,000 4,137,000 4,220,000 3,997,000 3,664,000 3,787,000 45,940,999 3,828,417 11 WHOLESALEP SEPARATED SALES 0 <td>GSD - 69kv</td> <td>161.790</td> <td>163</td> <td>204</td> <td>222</td> <td>229</td> <td>235</td> <td>240</td> <td>244</td> <td>231</td> <td>226</td> <td>217</td> <td>164</td> <td>2,538</td> <td>211</td> <td></td>	GSD - 69kv	161.790	163	204	222	229	235	240	244	231	226	217	164	2,538	211	
SSLDSU 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 .S - sec 7,266 7,448 0 0 0 0 0 0 0 0 3,333 18,046 1,504 rotal RETAIL CP 4,463,000 3,562,000 3,547,000 3,837,000 4,130,000 4,137,000 4,220,000 3,907,000 3,664,000 3,787,000 45,940,999 3,828,417 10 VHOLESALE* 5 0 <td< td=""><td>GSD - total</td><td>938,114</td><td>917,714</td><td>1,190,487</td><td>1,200,673</td><td>1,183,820</td><td>1,248,125</td><td>1,338,024</td><td>1,329,743</td><td>1,179,454</td><td>1,184,515</td><td>1,098,355</td><td>932,149</td><td>13,741,173</td><td>1,145,098</td><td>2</td></td<>	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	2
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 LS - sec 7,266 7,448 0 0 0 0 0 0 0 3,333 18,046 1,504 TOTAL RETAIL CP 4,463,000 3,643,000 3,547,000 3,837,000 4,130,000 4,137,000 4,220,000 3,907,000 3,664,000 3,787,000 45,940,999 3,828,417 10 WHOLESALE* SEPARATED SALES 0<																
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 LS - sec 7,266 7,448 0 0 0 0 0 0 3,333 18,046 1,504 TOTAL RETAIL CP 4,463,000 3,643,000 3,547,000 3,837,000 4,130,000 4,137,000 4,220,000 3,907,000 3,640,000 3,787,000 45,940,999 3,828,417 10 WHOLESALE* 5 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																
LS - sec 7,266 7,48 0 0 0 0 0 0 0 0 0 0 0 0 0 1,500 3,333 18,046 1,504 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 WHOLESALE* SEPARATED SALES 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	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	:
LS - sec <u>7,266</u> 7,448 0 0 0 0 0 0 0 0 0 0 0 0 3,333 18,046 1,504 TOTAL RETAIL CP <u>4,463,000</u> 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 WHOLESALE' SEPARATED SALES 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0																
VINCLESALE* SEPARATED SALES 0 <td>GSLDSU</td> <td>75,972</td> <td>68,846</td> <td>72,854</td> <td>72,596</td> <td>86,313</td> <td>85,573</td> <td>82,264</td> <td>83,163</td> <td>99,548</td> <td>78,710</td> <td>85,724</td> <td>64,789</td> <td>956,351</td> <td>79,696</td> <td></td>	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	
VINCLESALE* SEPARATED SALES 0 <td></td>																
WHOLESALE* 0	LS - sec	7,266	7,448	0	0	0	0	0	0	0	0	0	3,333	18,046	1,504	
WHOLESALE* 0																
WHOLESALE* SEPARATED SALES 0 <td>TOTAL RETAIL CP</td> <td>4,463,000</td> <td>3,643,000</td> <td>3,502,000</td> <td>3,547,000</td> <td>3,837,000</td> <td>4,130,000</td> <td>4,137,000</td> <td>4,220,000</td> <td>3,907,000</td> <td>3,664,000</td> <td>3,104,000</td> <td>3,787,000</td> <td>45,940,999</td> <td>3,828,417</td> <td>10</td>	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	10
WHOLESALE* SEPARATED SALES 0 <td></td>																
SEPARATED SALES 0															3,828,417	92
FIRM WHEELING 307,000																
TOTAL WHOLESALE 307,000 30															0	Juris Separa
	OTAL 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	
																10

Line

Schedule E-10	COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 6 of 10
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATIOI Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
	supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
	allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: L. J. Vogt

1 2 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.

	NCP	NCP @	FACTOR 105
	@ CUST. MTRS	SECONDARY	NCP @ PRIMARY
RATE CLASS	MW*	VOLTAGE (MW)	VOLTAGE
RS			
Expansion Factor			1.02708
- Secondary	2,891.4	2,891.4	2,969.7
GS & TS			
Expansion Factor			1.02795
- Secondary	222.9	222.9	229.2
GSD			
Expansion Factor			1.02772
- Secondary	1,275.0	1,275.0	1,310.3
- Primary	0.5	<u> </u>	0.5
GSD - Total	1,275.5	1,275.0	1,310.8
GSLDPR			
- Primary	169.0	-	169.0
GSLDSU	146.6	-	-
LS			
Expansion Factor			1.03935
- Secondary	28.7	28.7	29.8
TOTAL	4,734.0	4,418.0	4,708.5

Supporting Schedules:

*Based on 2022 Forecast.

Schedule E-10	COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 7 of 10
FLORIDA PUBLIC SERVICE COMMISSION	Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
	supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
	allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: L. J. Vogt

2 FACTOR 106: CUSTOMER MAX DEMANDS @ SECONDARY

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

			Γ	FACTOR 106
		ENERGY SALES	INDIV. CUST	INDIVIDUAL
		@ DISTRI SEC	MAX DEMAND	CUST MAX
RATE C	_ASS	SYSTEM (MWH)	LOAD FACTORS	(kW)
RS				
- Seconda	ry	9,671,643	0.2149	5,136,735
GS & TS				
- Seconda	ry	941,848	0.2549	421,736
GSD				
- Seconda	ry	6,833,914		
- Prima	ary Delivered			
- Prima	ary Metered, Secondary Served	203,605		
GSD - Tota	ıl	7,037,519	0.5160	1,557,053
GSLDPR				
GSLDSU				
LS				
- Seconda	ry	113,534	0.4730	27,398
TOTAL		17,764,544		7,142,923

Supporting Schedules:

Schedule E-10		COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 8 of 10
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
		supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
		allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI			Witness: L. J. Vogt

2	METED INVESTMENT ASSIGNMENT -	EACTO

 2
 METER INVESTMENT ASSIGNMENT - FACTOR 308

 3
 METER READING EXPENSE - FACTOR 311

5 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.

7											
8				FACTOR 308						FACTOR 311	
9		Number of	INSTALLED	Meter		N	IETER	READING	Meter		
10		Customers	\$/MTR	 Investment			\$/N	ITR	 Reading		
11											
12	RS	723,811	\$ 173.52	\$ 125,595,474	80.497%	\$		5.38	\$ 46,689,849		87.740%
13											
14	GS	71,213	\$ 229.76	\$ 16,361,828	10.487%	\$		5.89	\$ 5,034,778		9.461%
15											
16	GSD	17,013	\$ 591.92	\$ 10,070,401	6.454%	\$		7.10	\$ 1,448,787		2.723%
17											
18	GSLDPR	55	\$ 30,730.51	\$ 1,690,178	1.083%	\$		24.60	\$ 16,238		0.031%
19											
20	GSLDSU	14	\$ 135,727.32	\$ 1,900,182	1.218%	\$		38.77	\$ 6,513		0.012%
21											
22	LS	233	\$ 1,750.16	\$ 407,788	0.261%	\$		6.35	\$ 17,749		0.033%
23											
24	JURIS	812,339		\$ 156,025,852					\$ 53,213,913		

Schedule E-10		COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 9 of 10
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
		supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
		allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI			Witness: L. J. Vogt

2	ANNUAL NUMBER OF BILLS - FACTOR 412								
3	This factor is derived based on the number of average bills by customer class.								
4									
5	DISTRIBUTION PRIMARY - CUSTOMER COMPONENT - FACTOR 418								
6	This allocator is used primarily for a the customer component of distribution primary investr	ment and expenses, when the minimum of	istribution system (MDS) i	s employed.					
7									
8	DISTRIBUTION SECONDARY - CUSTOMER COMPONENT - FACTOR 420								
9	This allocator is used primarily for a the customer component of distribution secondary inve	estment and expenses, when the minimur	n distribution system (MDS	s) is employed.					
10									
11									
12					AVERAGE NUMBE	R OF CUSTOMERS			
13 14			JURIS	RS	GS	GSD	GSLDPR	GSLDSU	LS
14			JUNIS	Kð	65	630	GSLDFK	GSLDSU	L3
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		-	120,011	1,210	11,010			200
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
22									
23									
24									
25									
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		-		-				<u> </u>
30	Distribution Primary - Customer Component	Factor 418	812,321	723,811	71,213	17,009	55		233
31									
32									
33									
34 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
30	Remove Customers served at Primary		(213)	723,011	(24)	(113)	(55)		(21)
38	Distribution Secondary - Customer Component	Factor 420	812,108	723,811	71,189	16,896	-		212
39			,		,	,			
40									
41									
42									
43									
44									
45									
46									
47									
48									
49									

Schedule E-10		COST OF SERVICE STUDY - DEVELOPMENT OF ALLOCATION FACTORS	Page 10 of 10
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Derive each allocation factor used in the cost of service studies. Provide	Type of Data Shown:
		supporting data and any work papers used in deriving the allocation	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		factors, and a brief narrative description of the development of each	Projected Prior Year Ended 12/31/2021
		allocation factor.	Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI			Witness: L. J. Vogt

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

20

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.

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

CHEDULE E-11		DEVELOPMENT OF COINCIDENT AND NON COINCIDENT DEMANDS FOR COST STUDY	Page 1 of 18
LORIDA PUBLIC SERVICE	COMMISSION EXPLANATION:		Type of data shown:
		Include an explanation of how the demands at the meter for each class were developed and how they were	XX Projected Test Year Ended 12/31/2022
OMPANY: TAMPA ELECTRI	C COMPANY	expanded from the meter level to the generation level. Provide the work papers for the actual calculations.	Projected Prior Year Ended 12/31/2021
		If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH	Historical Prior Year Ended 12/31/2020
OCKET No. 20210034-EI		sales is used to derive projected demands, provide justification for the use of the methodology.	Witness: L. L. Cifuentes/ L. J. Vogt
1			
2			
3			
4	Development of Class Demands at the M		
5		and analyzed using the Itron's Load Research System (LRS); analysis is performed using the combined ratio analysis and mean-per-uni	
6		. The RS, GS and GSD secondary below 500kW classes are expanded to the population level using combined ratio analysis. Since the	ne 100% sampled classes do not require statistical
7	expansion, the results for these classes are	are tabulated by stratum using the mean-per-unit module.	
8			
9	Development of Projected Demands at th		
10	•	scribed in prior step) collected during the period January 2012 to December 2019, estimates were made of class total demands for each	h hour in the projected test-year. ITRON's MetrixND and
11	MetrixLT load forecasting tools are used to	to model hourly load profiles for each rate class. For each rate class, the following models are developed:	
12			
13		ork model which estimates a daily energy profile for a future calendar year	
14		al network model which estimates daily peak demands for a future calendar year	
15	 24 hourly regression models 	els which estimate an hourly load profile for a future calendar year	
16 17	The second second second second	1	
17 18		beginning with the estimation of a daily energy neural network model which is based on daily energy from historical load research data resulting daily energy estimates are then used as an explanation variable, along with historical daily peak demands, weather and calon	
18		resulting daily energy estimates are then used as an explanatory variable, along with historical daily peak demands, weather and calence weather and c	
19		etwork model. The results of both the daily energy and daily peak demand neural network models are used as explanatory variables in	-
20		ch hour of the day. Weather and calendar variables are also explanatory variables in the 24 hourly regression models. The final step is	
21		monthly demand and energy projections used in Tampa Electric's annual business planning process. From these load profiles the clas	ass energy,
22	coincident peaks and non-coincident peaks	.s can be analyzed.	
23 24	Other the shifts to occurately forecast en		· •• •• •••
24 25		ergy demand is very dependent on weather conditions during the projection period, and since it is almost impossible to accurately proje	
25 26	houriy temperatures, a normal weather app	pproach is used. Normalized hourly temperature profiles, which are based on historical temperatures, are used in the neural network and	nd regression models.
26 27	Expansion of Projected Demands from the	the Neter Loval to the Banaratar Loval;	
27 28		I the meter Level to the Generator Level: Ids at the generator level is to determine and assign losses to each of the classes. Periodically, Tampa Electric engineering personnel of	al conduct loce etudiae
28		to at the generator level is to determine and assign losses to each of the classes. Penducany, rampa Electric engineering personnel to to our transmission and distribution system by the major components of the system. Demand losses are computed at various load levels	
30	system peak load down to 25% of the peak		
31	System pour load dot	, Idau.	
32	To apply the loss study results to load res/	search estimates, the losses in the system components are sub-totaled by three categories to correspond to customer service voltages:	s: transmission. primary
33		is, quadratic equations were then fitted to these sub-totaled losses relating them to the total system load level; these equations are use	
34	extrapolating loss amounts for the system lo		56 161 Humpheinen 3
35	over 14 - 12 - 2		
36			
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SCHEDULE E-11		DEVELOPME	NT OF COINCID	ENT AND NON	O COINCIDENT	DEMANDS FOR	COST STUDY	Page 2 of 18
ORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a d	escription of how	the coincident a	nd non-coincid	ent demands fo	r the test year we	ere developed.	Type of data shown:
	Include an e	explanation of ho	w the demands a	at the meter for	each class were	e developed and	how they were	XX Projected Test Year Ended 12/31/2022
OMPANY: TAMPA ELECTRIC COMPANY	expanded fr	rom the meter lev	vel to the genera	tion level. Prov	vide the work pa	pers for the actu	al calculations.	Projected Prior Year Ended 12/31/2021
							oad to actual MWH	Historical Prior Year Ended 12/31/2020
OCKET No. 20210034-EI			cted demands, p			of the methodolo	gy.	Witness: L. L. Cifuentes/ L. J. Vogt
1	JANUARY 2	2022 PROJECTE	D RETAIL COIN	CIDENT PEAK	EXPANSION			
2								
3		AT	SECONDARY		SUBTRAN	OUTPUT		
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE		
5			(Metered Voltag				
6	EXPANSION FACTOR			1.02652		1.03016		
7	BACKDOWN FACTOR		0.98220	0.99510				
8								
9	RESIDENTIAL							
10	SECONDARY	2,890.9	2,890.9	2,967.6	3,024.7	3,116.0		
11								
12	GS & TS							
13	SEM/SES (TC 0,A)	175.8		180.5		189.5		
14	SEM/PRS (TC 7,G)	0.0		0.0		0.0		
15	PRM/SES (TC 6,F)	0.0		0.0		0.0		
16	PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1		
17	PRM/SUS (TC 8,H)	0.0		0.0		0.0		
18	SUBTOTAL	176.0	175.9	180.6	184.1	189.6		
19								
20	GSD							
21	SEM/SES (TC 0,A)	850.2	850.2	872.7	889.5	916.4		
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0		
23	PRM/SES (TC 6,F)	20.2	19.9	20.2	20.6	21.2		
24	PRM/PRS (TC 5,E)	0.2		0.2	0.2	0.3		
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2		
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0		
28	SUBTOTAL	870.9	870.1	893.4	910.7	938.1		
29								
30	GSLD							
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0		
32	PRM/PRS (TC 5,E)	129.6		129.6	132.1	136.0		
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0		
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0		
35	SUM/SUS (TC 3,C)	73.7			73.7	76.0		
36	SUBTOTAL	203.3	0.0	129.6	205.8	212.0		
37								
38	SL/OL							
39	SECONDARY	6.7	6.7	6.9	7.1	7.3		
40								
41	TOTAL							
42	SEM/SES (TC 0,A)	3,923.7	3,923.7	4,027.7	4,105.3	4,229.1		
13	SEM/PRS (TC 7,G)	0.0	0.0		0.0	0.0		
14	PRM/SES (TC 6,F)	20.3	19.9	20.3	20.7	21.3		
45	PRM/PRS (TC 5,E)	129.9			132.4	136.4		
16	PRM/SUS (TC 8,H)	0.2				0.2		
17	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
48	SUM/SUS (TC 3,C)	73.7		0.0		76.0		
49	TOTAL	4,147.8			4,332.4	4,463.0		
50	-	,		,	,	,		
51	RETAIL LOSSES		104.1	80.5	130.6	315.2		
52								

CHEDULE E-11						DEMANDS FOR					
ORIDA PUBLIC SERVICE COMMISSION						r the test year we		Type of data shown:			
		-				e developed and		XX Projected Test Year Ended 12/31/2022			
OMPANY: TAMPA ELECTRIC COMPANY			-			pers for the actua		Projected Prior Year Ended 12/31/2021			
							ad to actual MWH	Historical Prior Year Ended 12/31/2020			
DCKET No. 20210034-EI						of the methodolog	jy.	Witness: L. L. Cifuentes/ L. J. Vogt			
2	FEBRUARY	2022 PROJECT	ED RETAIL COI	NCIDENT PEAP	(EXPANSION						
3		AT	SECONDARY		SUBTRAN	OUTPUT					
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE					
5	DESCRIPTION	WEIER		Metered Voltag		TOLINE					
6	EXPANSION FACTOR		(1.02817	1.01717	1.02560					
7	BACKDOWN FACTOR		0.98073	0.99482	1.01717	1.02000					
8	Bronbowninkeren		0.00070	0.00402							
9	RESIDENTIAL										
10	SECONDARY	2,219.5	2,219.5	2,282.0	2,321.2	2,380.6					
11	0200.40/411	2,210.0	2,210.0	2,202.0	2,021.2	2,000.0					
12	GS & TS										
13	SEM/SES (TC 0,A)	135.4	135.4	139.3	141.7	145.3					
14	SEM/PRS (TC 7,G)	0.0		0.0	0.0	0.0					
15	PRM/SES (TC 6,F)	0.0		0.0	0.0	0.0					
16	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.1					
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0					
18	SUBTOTAL	135.5			141.7	145.4					
19											
20	GSD										
21	SEM/SES (TC 0,A)	835.1	835.1	858.7	873.4	895.8					
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0					
23	PRM/SES (TC 6,F)	20.6	20.2	20.6	20.9	21.4					
24	PRM/PRS (TC 5,E)	0.2		0.2	0.3	0.3					
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2					
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1					
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0					
28	SUBTOTAL	856.2	855.3	879.7	894.8	917.7					
29											
30	GSLD										
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0					
32	PRM/PRS (TC 5,E)	117.9		117.9	120.0	123.0					
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0					
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0					
35	SUM/SUS (TC 3,C)	67.1			67.1	68.8					
36	SUBTOTAL	185.1	0.0	117.9	187.1	191.9					
37											
38	SL/OL										
39	SECONDARY	6.9	6.9	7.1	7.3	7.4					
40											
41	TOTAL										
42	SEM/SES (TC 0,A)	3,197.0			3,343.5	3,429.1					
43	SEM/PRS (TC 7,G)	0.0			0.0	0.0					
14	PRM/SES (TC 6,F)	20.6			20.9	21.5					
45	PRM/PRS (TC 5,E)	118.2			120.3	123.3					
46	PRM/SUS (TC 8,H)	0.2			0.2	0.2					
47	SUM/PRS (TC 4,D)	0.1			0.1	0.1					
48	SUM/SUS (TC 3,C)	67.1		0.0	67.1	68.8					
49	TOTAL	3,403.2	3,217.2	3,426.1	3,552.1	3,643.0					
50											
51	RETAIL LOSSES		90.0	58.8	90.9	239.8					

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a c					DEMANDS FOR COST STUD r the test year were developed	Page 4 o
						e developed and how they wer	t Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculations	r Year Ended 12/31/2021
		ology other than		r Year Ended 12/31/2020			
DOCKET No. 20210034-EI						of the methodology.	Cifuentes/ L. J. Vogt
1	MARCH 2	22 PROJECTED	RETAIL COINC	DENT PEAK	EXPANSION		
2							
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT	
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE	
5			(Metered Voltag	e Level)		
6	EXPANSION FACTOR			1.02871	1.01687	1.02483	
7	BACKDOWN FACTOR		0.98032	0.99475			
8							
9	RESIDENTIAL						
10	SECONDARY	1,790.9	1,790.9	1,842.3	1,873.4	1,919.9	
11							
12	GS & TS						
13	SEM/SES (TC 0,A)	175.8	175.8	180.9	183.9	188.5	
14	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
15	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0	
16	PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1	
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
18	SUBTOTAL	175.9	175.9	181.0	184.0	188.6	
19							
20	GSD						
1	SEM/SES (TC 0,A)	1,084.9	1,084.9	1,116.0	1,134.8	1,163.0	
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
23	PRM/SES (TC 6,F)	25.8	25.2	25.8	26.2	26.8	
24	PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3	
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2	
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1	
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0	
28	SUBTOTAL	1,111.2	1,110.1	1,142.4	1,161.6	1,190.5	
29							
30	GSLD						
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0	
32	PRM/PRS (TC 5,E)	124.9		124.9	127.0	130.2	
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0	
35	SUM/SUS (TC 3,C)	71.1			71.1	72.9	
36	SUBTOTAL	196.0		124.9	198.1	203.0	
37							
38	SL/OL						
39	SECONDARY	0.0	0.0	0.0	0.0	0.0	
40							
41	TOTAL						
42	SEM/SES (TC 0,A)	3,051.6	3,051.6	3,139.2	3,192.1	3,271.4	
13	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
14	PRM/SES (TC 6,F)	25.8	25.3	25.8	26.2	26.9	
15	PRM/PRS (TC 5,E)	125.3	0.0	125.3	127.4	130.5	
46	PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2	
17	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1	
18	SUM/SUS (TC 3,C)	71.1				72.9	
49	TOTAL	3,274.0			3,417.1	3,502.0	
50		.,	-,- ,	.,	,		
51	RETAIL LOSSES		87.6	55.5	84.9	228.0	
52			20	20.0	20		

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a c					DEMANDS FOR COST STU r the test year were developed	ed. Type of data shown:
						e developed and how they we	
COMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculation	
		ology other than t					
OOCKET No. 20210034-EI						of the methodology.	Witness: L. L. Cifuentes/ L. J. Vo
1	APRIL 20	22 PROJECTED	RETAIL COINC	IDENT PEAK E	XPANSION		
2							
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT	
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE	
5			(Metered Voltag	le Level)		
6	EXPANSION FACTOR			1.02859	1.01697	1.02508	
7	BACKDOWN FACTOR		0.98044	0.99477			
8							
9	RESIDENTIAL						
10	SECONDARY	1,816.4	1,816.4	1,868.3	1,900.0	1,947.6	
11							
12	GS & TS						
13	SEM/SES (TC 0,A)	183.1	183.1	188.3	191.5	196.3	
14	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
15	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0	
16	PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1	
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
18	SUBTOTAL	183.2	183.1	188.4	191.6	196.4	
19							
20	GSD						
21	SEM/SES (TC 0,A)	1,091.9	1,091.9	1,123.1	1,142.1	1,170.8	
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
23	PRM/SES (TC 6,F)	28.0	27.5	28.0	28.5	29.2	
24	PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.4	
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2	
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1	
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0	
28	SUBTOTAL	1,120.5	1,119.3	1,151.8	1,171.3	1,200.7	
29							
30	GSLD						
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0	
32	PRM/PRS (TC 5,E)	124.4		124.4	126.5	129.7	
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0	
35	SUM/SUS (TC 3,C)	70.8			70.8	72.6	
36	SUBTOTAL	195.2	0.0	124.4	197.4	202.3	
37							
38	SL/OL						
39	SECONDARY	0.0	0.0	0.0	0.0	0.0	
40							
41	TOTAL						
42	SEM/SES (TC 0,A)	3,091.3	3,091.3	3,179.7	3,233.6	3,314.7	
43	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
44	PRM/SES (TC 6,F)	28.1	27.5	28.1	28.5	29.2	
45	PRM/PRS (TC 5,E)	124.8	0.0	124.8	126.9	130.1	
46	PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2	
47	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1	
48	SUM/SUS (TC 3,C)	70.8	0.0	0.0	70.8	72.6	
49	TOTAL	3,315.3	3,118.8	3,332.9	3,460.2	3,547.0	
50							
51	RETAIL LOSSES		88.4	56.5	86.8	231.7	

CHEDULE E-11	EXPLANATION: Provide a d					DEMANDS FOR COST STUDY r the test year were developed.	Page 6 Type of data shown:
						e developed and how they were	XX Projected Test Year Ended 12/31/202
OMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculations.	Projected Prior Year Ended 12/31/202
		ology other than t					
OCKET No. 20210034-EI						of the methodology.	Witness: L. L. Cifuentes/ L. J. Vogt
1	MAY 2022 P	ROJECTED RET	TAIL COINCIDEN	NT PEAK EXPA	NSION		
2							
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT	
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE	
5			(Metered Voltag	e Level)		
6	EXPANSION FACTOR			1.02813	1.01771	1.02667	
7	BACKDOWN FACTOR		0.98091	0.99487			
8							
9	RESIDENTIAL						
10	SECONDARY	2,054.7	2,054.7	2,112.5	2,150.0	2,207.3	
11							
12	GS & TS	101.0	101.0	100.0	100.0	205.4	
13 14	SEM/SES (TC 0,A)	191.0	191.0		199.8	205.1	
14 15	SEM/PRS (TC 7,G) PRM/SES (TC 6,F)	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	
16	PRM/SES (TC 6,F) PRM/PRS (TC 5,E)	0.0	0.0	0.0	0.0	0.0	
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
18	SUBTOTAL	191.1	191.0		199.9	205.3	
19	obbion/L	101.1	101.0	100.4	100.0	200.0	
20	GSD						
21	SEM/SES (TC 0,A)	1,073.4	1,073.4	1,103.6	1,123.2	1,153.1	
22	SEM/PRS (TC 7,G)	0.0	0.0			0.0	
23	PRM/SES (TC 6,F)	28.7	28.2	28.7	29.2	30.0	
24	PRM/PRS (TC 5,E)	0.3		0.3	0.4	0.4	
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2	
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1	
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0	
28	SUBTOTAL	1,102.8	1,101.6	1,133.0	1,153.1	1,183.8	
29							
30	GSLD						
31	PRM/SES (TC 6,F)	0.0	0.0		0.0	0.0	
32	PRM/PRS (TC 5,E)	147.7		147.7	150.3	154.3	
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0	
35	SUM/SUS (TC 3,C)	84.1			84.1	86.3	
36 37	SUBTOTAL	231.8	0.0	147.7	234.4	240.6	
37 38	SL/OL						
39	SECONDARY	0.0	0.0	0.0	0.0	0.0	
40	SECONDART	0.0	0.0	0.0	0.0	0.0	
40	TOTAL						
42	SEM/SES (TC 0,A)	3,319.1	3,319.1	3,412.5	3,472.9	3,565.5	
42 43	SEM/SES (TC 0,A) SEM/PRS (TC 7,G)	0.0	3,319.1		0.0	0.0	
44	PRM/SES (TC 6,F)	28.8	28.2		29.3	30.1	
45	PRM/PRS (TC 5,E)	148.1	0.0		150.7	154.8	
46	PRM/SUS (TC 8,H)	0.2	0.0		0.2	0.2	
47	SUM/PRS (TC 4,D)	0.1	0.0		0.1	0.1	
48	SUM/SUS (TC 3,C)	84.1	0.0		84.1	86.3	
49	TOTAL	3,580.4	3,347.3	3,589.7	3,737.3	3,837.0	
50							
51	RETAIL LOSSES		93.4	63.6	99.7	256.6	

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a d					DEMANDS FOR COST STUDY r the test year were developed.	Page 7 o Type of data shown:
LORIDA FUBLIC SERVICE COMMISSION						e developed and how they were	XX Projected Test Year Ended 12/31/202
COMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculations.	Projected Prior Year Ended 12/31/202
						non coincident load to actual MW	
DOCKET No. 20210034-EI						of the methodology.	Witness: L. L. Cifuentes/ L. J. Vogt
1			TAIL COINCIDE				
2							
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT	
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE	
5			(Metered Voltag	e Level)		
6	EXPANSION FACTOR			1.02743	1.01843	1.02829	
7	BACKDOWN FACTOR		0.98151	0.99498			
8							
9	RESIDENTIAL						
10	SECONDARY	2,252.9	2,252.9	2,314.7	2,357.4	2,424.1	
11							
12	GS & TS						
13	SEM/SES (TC 0,A)	203.5		209.1	213.0	219.0	
14	SEM/PRS (TC 7,G)	0.0		0.0	0.0	0.0	
15	PRM/SES (TC 6,F)	0.1	0.0	0.1	0.1	0.1	
16 17	PRM/PRS (TC 5,E) PRM/SUS (TC 8,H)	0.1 0.0		0.1 0.0	0.1 0.0	0.1 0.0	
18	SUBTOTAL	203.7	203.6	209.2	213.1	219.1	
19	SOBIOTAL	203.7	203.0	209.2	213.1	219.1	
20	GSD						
21	SEM/SES (TC 0,A)	1,130.7	1,130.7	1,161.7	1,183.1	1,216.6	
22	SEM/PRS (TC 7,G)	0.0		0.0	0.0	0.0	
23	PRM/SES (TC 6,F)	29.4		29.4	30.0	30.8	
24	PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4	
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2	
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1	
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0	
28	SUBTOTAL	1,160.8	1,159.6	1,191.8	1,213.8	1,248.1	
29							
30	GSLD						
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0	
32	PRM/PRS (TC 5,E)	146.2		146.2	148.9	153.1	
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0	
35	SUM/SUS (TC 3,C)	83.2			83.2	85.6	
36	SUBTOTAL	229.4	0.0	146.2	232.1	238.7	
37	01/01						
38 39	SL/OL	~ ~	~ ~	~ ~ ~	0.0	0.0	
39 40	SECONDARY	0.0	0.0	0.0	0.0	0.0	
40 41	TOTAL						
41 42	SEM/SES (TC 0,A)	3,587.1	3,587.1	3,685.5	3,753.4	3,859.6	
42 43	SEM/SES (TC 0,A) SEM/PRS (TC 7,G)	3,567.1		3,065.5	3,753.4	0.0	
43	PRM/SES (TC 6,F)	29.5		29.5	30.0	30.9	
45	PRM/PRS (TC 5,E)	146.6		146.6	149.3	153.6	
46	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2	
47	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1	
48	SUM/SUS (TC 3,C)	83.2		0.0	83.2	85.6	
49	TOTAL	3,846.8	3,616.0	3,862.0	4,016.4	4,130.0	
50		-,- ,	.,				
	RETAIL LOSSES		98.4	71.2	113.6	283.2	

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a c					DEMANDS FOR COST STUD	Time of data shows	Page 8 of
-LORIDA PUBLIC SERVICE COMMISSION						r the test year were developed e developed and how they wer	Type of data shown: XX Projected Test Year En	dod 12/21/2022
COMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculations	Projected Prior Year Er	
						non coincident load to actual	Historical Prior Year Er	
DOCKET No. 20210034-EI						of the methodology.	 Witness: L. L. Cifuente	
1		PROJECTED RE				57		, i g
2								
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT		
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE		
5			(Metered Voltag	e Level)			
6	EXPANSION FACTOR			1.02735	1.01844	1.02833		
7	BACKDOWN FACTOR		0.98157	0.99499				
8								
9	RESIDENTIAL							
10	SECONDARY	2,165.3	2,165.3	2,224.6	2,265.6	2,329.8		
11								
12	GS & TS							
13	SEM/SES (TC 0,A)	222.7	222.7	228.8	233.0	239.6		
14	SEM/PRS (TC 7,G)	0.0		0.0	0.0	0.0		
15	PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1		
16	PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1		
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0		
18	SUBTOTAL	222.9	222.8	228.9	233.2	239.8		
19								
20	GSD							
21	SEM/SES (TC 0,A)	1,213.6		1,246.8	1,269.8	1,305.7		
22	SEM/PRS (TC 7,G)	0.0		0.0	0.0	0.0		
23	PRM/SES (TC 6,F)	30.1	29.6	30.1	30.7	31.5		
24	PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4		
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2		
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0		
28	SUBTOTAL	1,244.4	1,243.1	1,277.6	1,301.2	1,338.0		
29	2015							
30	GSLD							
31	PRM/SES (TC 6,F)	0.0		0.0	0.0	0.0		
32	PRM/PRS (TC 5,E)	140.5		140.5	143.1	147.2		
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0		
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0		
35	SUM/SUS (TC 3,C)	80.0		440 5	80.0	82.3		
36 37	SUBTOTAL	220.5	0.0	140.5	223.1	229.5		
37 38	SI (O)							
38 39	SL/OL		0.0	0.0	0.0	0.0		
40	SECONDARY	0.0	0.0	0.0	0.0	0.0		
40	TOTAL							
41 42	TOTAL SEM/SES (TC 0,A)	3,601.6	3,601.6	3,700.1	3,768.3	3,875.1		
42 43	SEM/SES (TC 0,A) SEM/PRS (TC 7,G)	3,601.6		3,700.1	3,768.3	3,875.1		
43	PRM/SES (TC 6,F)	30.2		30.2	30.7	31.6		
44 45	PRM/SES (TC 6,F) PRM/PRS (TC 5,E)	30.2 141.0		30.2 141.0	143.6	147.7		
45	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2		
40	SUM/PRS (TC 4,D)	0.2	0.0	0.2	0.2	0.2		
47	SUM/FRS (TC 4,D) SUM/SUS (TC 3,C)	80.0		0.0	80.0	82.3		
49	TOTAL	3,853.1	3,631.2	3,871.6	4,023.0	4,137.0		
50	10 ML	5,055.1	5,051.2	5,67 1.0	7,020.0	4,107.0		
51	RETAIL LOSSES		98.5	71.4	114.0	283.9		
52			55.5	71.4	114.0	200.0		

SCHEDULE E-11						DEMANDS FOR		Page 9 o				
LORIDA PUBLIC SERVICE COMMISSION						r the test year we		Type of data shown:				
						e developed and	-	XX Projected Test Year Ended 12/31/2022 Projected Prior Year Ended 12/31/2021				
OMPANY: TAMPA ELECTRIC COMPANY			-			pers for the actua						
OCKET No. 20210034-EI						I non coincident lo of the methodolog	oad to actual MWH	Historical Prior Year Ended 12/31/2020 Witness: L. L. Cifuentes/ L. J. Vogt				
1			RETAIL COINC	-			yy.	Witness, E. E. Ondernes, E. J. Vogi				
2	7,0000120											
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT						
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE						
5				Metered Voltag		10 2012						
6	EXPANSION FACTOR		(1.02720	1.01865	1.02879						
7	BACKDOWN FACTOR		0.98171	0.99501								
8												
9	RESIDENTIAL											
10	SECONDARY	2,258.8	2,258.8	2,320.2	2,363.5	2,431.5						
11												
12	GS & TS											
13	SEM/SES (TC 0,A)	210.5	210.5	216.2	220.3	226.6						
14	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0						
15	PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1						
16	PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1						
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0						
18	SUBTOTAL	210.6	210.6	216.4	220.4	226.7						
19												
20	GSD											
21	SEM/SES (TC 0,A)	1,204.7	1,204.7	1,237.5	1,260.6	1,296.9						
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0						
23	PRM/SES (TC 6,F)	30.6	30.1	30.6	31.2	32.1						
24	PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4						
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2						
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1						
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0						
28	SUBTOTAL	1,236.1	1,234.8	1,268.9	1,292.5	1,329.7						
29												
30	GSLD											
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0						
32	PRM/PRS (TC 5,E)	142.0		142.0	144.7	148.8						
3	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0						
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0						
35	SUM/SUS (TC 3,C)	80.8			80.8	83.2						
36	SUBTOTAL	222.9	0.0	142.0	225.5	232.0						
37												
38	SL/OL											
39	SECONDARY	0.0	0.0	0.0	0.0	0.0						
40												
¥1	TOTAL			<i>.</i>	· ·							
12	SEM/SES (TC 0,A)	3,674.0			3,844.3	3,955.0						
13	SEM/PRS (TC 7,G)	0.0			0.0	0.0						
4	PRM/SES (TC 6,F)	30.7		30.7	31.2	32.1						
15	PRM/PRS (TC 5,E)	142.5			145.1	149.3						
46 17	PRM/SUS (TC 8,H)	0.2			0.2	0.2						
17	SUM/PRS (TC 4,D)	0.1			0.1	0.1						
48	SUM/SUS (TC 3,C)	80.8			80.8	83.2						
49	TOTAL	3,928.3	3,704.1	3,947.4	4,101.9	4,220.0						
50	DETAIL		· · ·									
51	RETAIL LOSSES		99.9	73.6	118.1	291.7						

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a c					DEMANDS FOR COST or the test year were deve	Type of data shown	Page 10 e
-LORIDA FUBLIC SERVICE COMMISSION						e developed and how the		I Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calcu		Prior Year Ended 12/31/2022
						I non coincident load to a		Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI						of the methodology.		L. L. Cifuentes/ L. J. Vogt
1		R 2022 PROJEC						Ŭ
2								
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT		
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE		
5			(Metered Voltag	le Level)			
6	EXPANSION FACTOR			1.02826	1.01794	1.02705		
7	BACKDOWN FACTOR		0.98086	0.99488				
8								
9	RESIDENTIAL							
10	SECONDARY	2,086.9	2,086.9	2,145.9	2,184.4	2,243.5		
11								
12	GS & TS							
13	SEM/SES (TC 0,A)	192.0	192.0	197.4	200.9	206.4		
14	SEM/PRS (TC 7,G)	0.0	0.0	0.0		0.0		
15	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0		
16	PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1		
17	PRM/SUS (TC 8,H)	0.0	100.0	0.0	0.0	0.0		
18	SUBTOTAL	192.1	192.0	197.5	201.0	206.5		
19 20	GSD							
20 21	SEM/SES (TC 0,A)	1,068.2	1,068.2	1,098.4	1,118.1	1,148.4		
22	SEM/SES (TC 0,A) SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0		
23	PRM/SES (TC 6,F)	29.0	28.5	29.0	29.5	30.3		
24	PRM/PRS (TC 5,E)	0.4	20.0	0.4	0.4	0.4		
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2		
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0		
28	SUBTOTAL	1,098.0	1,096.7	1,128.1	1,148.4	1,179.5		
29								
30	GSLD							
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0		
32	PRM/PRS (TC 5,E)	170.3		170.3	173.3	178.0		
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0		
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0		
35	SUM/SUS (TC 3,C)	96.9			96.9	99.5		
36	SUBTOTAL	267.2	0.0	170.3	270.3	277.6		
37								
38	SL/OL							
39	SECONDARY	0.0	0.0	0.0	0.0	0.0		
40								
41	TOTAL							
42	SEM/SES (TC 0,A)	3,347.1	3,347.1	3,441.7	3,503.5	3,598.2		
43	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0		
44	PRM/SES (TC 6,F)	29.1	28.5	29.1	29.6	30.4		
45	PRM/PRS (TC 5,E)	170.7	0.0	170.7	173.8	178.5		
46	PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2		
47	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1		
48	SUM/SUS (TC 3,C)	96.9	0.0	0.0	96.9	99.5		
49	TOTAL	3,644.2	3,375.6	3,641.8	3,804.1	3,907.0		
50	DETAIL		···-	or -		000 0		
51 52	RETAIL LOSSES		94.6	65.3	102.9	262.8		

SCHEDULE E-11		DEVELOPME	"UDY Page	11 of 18				
FLORIDA PUBLIC SERVICE COMMISSION		-				r the test year were develop		
		-				e developed and how they w	-	
COMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculatio		
DOCKET No. 20210034-EI						I non coincident load to actua of the methodology.	ual MWH Historical Prior Year Ended 12/31/2 Witness: L. L. Cifuentes/ L. J. Vogt	
1			D RETAIL COIN			of the methodology.	Wittess. E. E. Ondentes/ E. J. Vogi	
2	oorobeite	022111002012	DINEIME CON	OIDENT LAN				
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT		
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE		
5			(Metered Voltag	e Level)			
6	EXPANSION FACTOR			1.02842	1.01726	1.02571		
7	BACKDOWN FACTOR		0.98063	0.99481				
8								
9	RESIDENTIAL							
10	SECONDARY	1,928.4	1,928.4	1,983.1	2,017.4	2,069.3		
11								
12	GS & TS			10	105 -	100 7		
13	SEM/SES (TC 0,A)	177.8	177.8		186.0	190.7		
14 15	SEM/PRS (TC 7,G) PRM/SES (TC 6,F)	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0	0.0 0.0		
16	PRM/SES (TC 6,F) PRM/PRS (TC 5,E)	0.0	0.0	0.0	0.0	0.0		
17	PRM/FRS (TC 5,E) PRM/SUS (TC 8,H)	0.1		0.0	0.1	0.0		
18	SUBTOTAL	177.9	177.8		186.1	190.9		
19	002101112		111.0	102.0	100.1	100.0		
20	GSD							
21	SEM/SES (TC 0,A)	1,075.5	1,075.5	1,106.1	1,125.2	1,154.1		
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0		
23	PRM/SES (TC 6,F)	28.4	27.9	28.4	28.9	29.7		
24	PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.4		
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2		
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0		
28	SUBTOTAL	1,104.7	1,103.4	1,135.2	1,154.8	1,184.5		
29								
30 31	GSLD PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0		
32	PRM/SES (TC 6,F) PRM/PRS (TC 5,E)	134.8	0.0	134.8	137.1	140.7		
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0		
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0		
35	SUM/SUS (TC 3,C)	76.7		0.0	76.7	78.7		
36	SUBTOTAL	211.6	0.0	134.8	213.9	219.4		
37								
38	SL/OL							
39	SECONDARY	0.0	0.0	0.0	0.0	0.0		
40								
41	TOTAL							
42	SEM/SES (TC 0,A)	3,181.6	3,181.6		3,328.5	3,414.1		
43	SEM/PRS (TC 7,G)	0.0			0.0	0.0		
44	PRM/SES (TC 6,F)	28.5	27.9		29.0	29.7		
45	PRM/PRS (TC 5,E)	135.2			137.6	141.1		
46 47	PRM/SUS (TC 8,H)	0.2 0.1	0.0 0.0		0.2	0.2 0.1		
47 48	SUM/PRS (TC 4,D) SUM/SUS (TC 3,C)	76.7	0.0		0.1 76.7	0.1 78.7		
40	TOTAL	3,422.4	3,209.6		3,572.1	3,664.0		
50	IUIAL	3,422.4	3,209.0	3,430.1	3,372.1	0,004.0		
51	RETAIL LOSSES		90.4	59.3	91.9	241.6		
52					20	-		

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a d					DEMANDS FOR COST STUDY r the test year were developed.	Page 12 Type of data shown:
EONIDAT OBEIG SERVICE COMMISSION		-				e developed and how they were	XX Projected Test Year Ended 12/31/2022
OMPANY: TAMPA ELECTRIC COMPANY		-				pers for the actual calculations.	Projected Prior Year Ended 12/31/202
						non coincident load to actual M	
OCKET No. 20210034-EI						of the methodology.	Witness: L. L. Cifuentes/ L. J. Vogt
1	NOVEMBER	2022 PROJECT	ED RETAIL CO	NCIDENT PEA	K EXPANSION		
2							
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT	
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE	
5			(Metered Voltag	e Level)		
6	EXPANSION FACTOR			1.03048	1.01612	1.02271	
7	BACKDOWN FACTOR		0.97889	0.99452			
8							
9	RESIDENTIAL						
10	SECONDARY	1,487.8	1,487.8	1,533.1	1,557.8	1,593.2	
11							
12	GS & TS						
13	SEM/SES (TC 0,A)	162.1	162.1	167.0	169.7	173.6	
14	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
15	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0	
16	PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1	
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
18	SUBTOTAL	162.2	162.1	167.1	169.8	173.7	
19							
20	GSD						
21	SEM/SES (TC 0,A)	998.4	998.4	1,028.8	1,045.4	1,069.2	
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
23	PRM/SES (TC 6,F)	27.4	26.9	27.4	27.9	28.5	
24	PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3	
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2	
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1	
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0	
28	SUBTOTAL	1,026.5	1,025.3	1,056.9	1,074.0	1,098.4	
29							
30	GSLD						
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0	
32	PRM/PRS (TC 5,E)	147.3		147.3	149.6	153.0	
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0	
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0	
35	SUM/SUS (TC 3,C)	83.8			83.8	85.7	
36	SUBTOTAL	231.1	0.0	147.3	233.5	238.8	
37							
38	SL/OL						
39	SECONDARY	0.0	0.0	0.0	0.0	0.0	
40							
41	TOTAL						
42	SEM/SES (TC 0,A)	2,648.3	2,648.3	2,729.0	2,773.0	2,835.9	
43	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0	
44	PRM/SES (TC 6,F)	27.5	26.9	27.5	27.9	28.6	
45	PRM/PRS (TC 5,E)	147.6	0.0	147.6	150.0	153.4	
46	PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2	
47	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1	
48	SUM/SUS (TC 3,C)	83.8	0.0	0.0	83.8	85.7	
49	TOTAL	2,907.6	2,675.2	2,904.5	3,035.1	3,104.0	
50							
51	RETAIL LOSSES		80.7	46.8	68.9	196.4	

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a d		DEMANDS FOR COST S	Type of data shown:	Page 13							
						e developed and how they			t Year Ended 12/31/202			
OMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculat			or Year Ended 12/31/202			
						non coincident load to act						
OCKET No. 20210034-EI						of the methodology.		Witness: L. L. Cifuentes/ L. J. Vog				
1		2022 PROJECT										
2												
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT						
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE						
5			(Metered Voltag	le Level)							
6	EXPANSION FACTOR			1.02770	1.01749	1.02639						
7	BACKDOWN FACTOR		0.98112	0.99488								
8												
9	RESIDENTIAL											
10	SECONDARY	2,364.2	2,364.2	2,429.7	2,472.2	2,537.4						
11												
12	GS & TS											
3	SEM/SES (TC 0,A)	124.3	124.3	127.7	130.0	133.4						
14	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0						
15	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0						
16	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0						
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0						
18	SUBTOTAL	124.4	124.3	127.8	130.0	133.5						
19												
20	GSD											
21	SEM/SES (TC 0,A)	848.0	848.0	871.5	886.8	910.2						
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0						
23	PRM/SES (TC 6,F)	20.6	20.2	20.6	20.9	21.5						
24	PRM/PRS (TC 5,E)	0.2		0.2	0.3	0.3						
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2						
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1						
27	SUM/SUS (TC 3,C)	0.0		0.1	0.0	0.0						
28	SUBTOTAL	869.1	868.2	892.6		932.1						
29	SOBTOTINE	000.1	000.2	002.0	500.2	002.1						
30	GSLD											
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0						
32	PRM/PRS (TC 5,E)	110.9	0.0	110.9	112.8	115.8						
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0						
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0						
34 35	SUM/PRS (TC 4,D) SUM/SUS (TC 3,C)	63.1		0.0	63.1	64.8						
35 36	SUBTOTAL	63.1 174.0	0.0	110.9		180.6						
30 37	JUDIUTAL	174.0	0.0	110.9	170.0	100.0						
37 38	SL/OL											
38 39	SECONDARY	3.1	3.1	3.2	3.2	3.3						
	SECONDARY	3.1	3.1	3.2	3.2	3.3						
40 41	τοται											
	TOTAL	0.000.0	0.000.0	0.400.0	0 400 0	0.504.0						
12	SEM/SES (TC 0,A)	3,339.6	3,339.6	3,432.2	3,492.2	3,584.3						
13	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0						
14	PRM/SES (TC 6,F)	20.6	20.2	20.6	21.0	21.5						
15	PRM/PRS (TC 5,E)	111.2	0.0	111.2	113.1	116.1						
l6	PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2						
47	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1						
48	SUM/SUS (TC 3,C)	63.1	0.0	0.0	63.1	64.8						
49	TOTAL	3,534.8	3,359.8	3,564.2	3,689.6	3,787.0						
50												
51	RETAIL LOSSES		92.5	62.3	97.4	252.2						

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a d					DEMANDS FOR COST r the test year were dev	Type of data shown:	Page 14			
						e developed and how th		est Year Ended 12/31/202			
OMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calc					
						non coincident load to	Projected Prior Year Ended 12/31, Historical Prior Year Ended 12/31/				
OCKET No. 20210034-EI		d to derive proje	Witness: L. L. Cifuentes/ L. J. Vog								
1		AL SERVICE 202				or the methodology.	With035. E	. E. Ondentes/ E. U. Vogt			
2	REOIDEINI	LE OLIVIOL 202									
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT					
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE					
5	DESCRIPTION	WETER	VOLINGE	(Metered Volta		TO LINE					
6	EXPANSION FACTOR			1.02708	1.01865	1.02862					
7	BACKDOWN FACTOR		0.98172		1.01003	1.02002					
8	BACKBOWNTACTOR		0.30172	0.33430							
9	RESIDENTIAL										
10	SECONDARY	2,891.4	2 001 4	2 060 7	2 0 2 5 4	0 444 7					
	SECONDART	2,091.4	2,891.4	2,969.7	3,025.1	3,111.7					
11	00 4 70										
12	GS & TS		4000	450.0	101 -	466.0					
13	SEM/SES (TC 0,A)	154.4			161.5	166.2					
4	SEM/PRS (TC 7,G)	0.0			0.0	0.0					
15	PRM/SES (TC 6,F)	0.0		0.0	0.0	0.0					
6	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0					
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0					
18	SUBTOTAL	154.4	154.4	158.6	161.6	166.2					
19											
20	GSD										
21	SEM/SES (TC 0,A)	624.1	624.1		653.0	671.7					
22	SEM/PRS (TC 7,G)	0.0			0.0	0.0					
23	PRM/SES (TC 6,F)	20.8			21.2	21.8					
24	PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3					
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2					
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1					
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0					
28	SUBTOTAL	645.4	644.5	662.3	674.7	694.0					
29											
30	GSLD										
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0					
2	PRM/PRS (TC 5,E)	112.0		112.0	114.1	117.4					
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0					
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0					
35	SUM/SUS (TC 3,C)	97.2			97.2	100.0					
36	SUBTOTAL	209.2	0.0	112.0	211.3	217.3					
37											
38	SL/OL										
39	SECONDARY	0.0	0.0	0.0	0.0	0.0					
40											
41	TOTAL										
12	SEM/SES (TC 0,A)	3,669.9	3,669.9	3,769.3	3,839.6	3,949.5					
13	SEM/PRS (TC 7,G)	0.0			0.0	0.0					
4	PRM/SES (TC 6,F)	20.9			21.2	21.9					
5	PRM/PRS (TC 5,E)	112.3	0.0		114.4	117.7					
16	PRM/SUS (TC 8,H)	0.2			0.2	0.2					
17	SUM/PRS (TC 4,D)	0.1	0.0		0.1	0.1					
18	SUM/SUS (TC 3,C)	97.2			97.2	100.0					
19	TOTAL	3,900.5			4,072.6	4,189.2					
50		2,230.0	2,250.0	-,	.,	.,					
51	RETAIL LOSSES		99.4	72.8	116.6	288.8					
52			00.4	. 2.0							

FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a de	escription of how	the coincident a	nd non-coincide	ent demands fo	r the test year were developed		Type of data shown:	
						e developed and how they were	9	XX Projected Test Year	r Ended 12/31/2022
OMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculations		Projected Prior Yea	
						non coincident load to actual		Historical Prior Yea	
OOCKET No. 20210034-EI						of the methodology.		Witness: L. L. Cifu	
1		ERVICE 2022 PI							
2									
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT			
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE			
5				(Metered Volta					
6	EXPANSION FACTOR			1.02795	1.01752	1.02613			
7	BACKDOWN FACTOR		0.98095	0.99485					
8									
9	RESIDENTIAL								
10	SECONDARY	2,317.1	2,317.1	2,381.9	2,423.6	2,486.9			
11	0200107411	2,011.1	2,0111	2,00110	2,120.0	2,100.0			
12	GS & TS								
13	SEM/SES (TC 0,A)	222.9	222.9	229.1	233.1	239.2			
14	SEM/PRS (TC 7,G)	0.0			0.0	0.0			
15	PRM/SES (TC 6,F)	0.0		0.0	0.0	0.0			
16	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0			
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0			
18	SUBTOTAL	222.9			233.2	239.3			
19	SUBTOTAL	222.5	222.5	223.2	200.2	233.3			
20	GSD								
20	SEM/SES (TC 0,A)	755.4	755.4	776.5	790.1	810.8			
22	SEM/SES (TC 0,A)	0.0			0.0	0.0			
23	PRM/SES (TC 6,F)	20.9			21.3	21.8			
23	PRM/PRS (TC 5,E)	0.3		0.3	0.3	0.3			
25	PRM/SUS (TC 8,H)	0.3		0.3	0.3	0.3			
26		0.2		0.2	0.2	0.2			
26 27	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.0			
28	SUM/SUS (TC 3,C) SUBTOTAL	776.8		797.9	811.9	833.1			
20	SUBTOTAL	//0.0	115.9	191.9	011.9	033.1			
30	GSLD								
30 31		0.0	0.0			0.0			
31	PRM/SES (TC 6,F)				0.0				
	PRM/PRS (TC 5,E)	113.3		113.3	115.3	118.3			
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0			
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0			
35	SUM/SUS (TC 3,C)	98.3			98.3	100.9			
36	SUBTOTAL	211.7	0.0	113.3	213.6	219.2			
37	<u></u>								
38	SL/OL	-		-	-				
39	SECONDARY	0.0	0.0	0.0	0.0	0.0			
40	7074								
41	TOTAL								
42	SEM/SES (TC 0,A)	3,295.4		3,387.5	3,446.8	3,536.9			
43	SEM/PRS (TC 7,G)	0.0			0.0	0.0			
44	PRM/SES (TC 6,F)	20.9			21.3	21.9			
45	PRM/PRS (TC 5,E)	113.6			115.6	118.6			
46	PRM/SUS (TC 8,H)	0.2			0.2	0.2			
47	SUM/PRS (TC 4,D)	0.1			0.1	0.1			
48	SUM/SUS (TC 3,C)	98.3		0.0	98.3	100.9			
49	TOTAL	3,528.5	3,315.9	3,522.3	3,682.3	3,778.6			
50									
51	RETAIL LOSSES		92.1	61.7	96.2	250.0			

SCHEDULE E-11 FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a d					DEMANDS FOR COST STUE r the test year were developed		Page 16 e of data shown:
EORIDAT OBEIG SERVICE COMMISSION						e developed and how they wer		XX Projected Test Year Ended 12/31/2022
OMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calculation		Projected Prior Year Ended 12/31/202
OMPANT. TAMPA ELECTRIC COMPANY						non coincident load to actual		Historical Prior Year Ended 12/31/202
OCKET No. 20210034-EI						of the methodology.	WIVV FI	Witness: L. L. Cifuentes/ L. J. Vogt
1			ND 2022 PROJE					Witness. L. L. Cirdentes/ L. J. Vogi
2	GENERAL		10 2022 1 10000					
3		AT	SECONDARY	DDIMADV	SUBTRAN	OUTPUT		
5 A	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE		
5	DESCRIPTION	WEIER	VOLTAGE			TO LINE		
5	EXPANSION FACTOR			(Metered Volta		4.00704		
7	BACKDOWN FACTOR		0.98129	1.02772 0.99491	1.01835	1.02781		
8	BACKDOWN FACTOR		0.96129	0.99491				
9	RESIDENTIAL							
10	SECONDARY	2,036.2	2,036.2	2,092.7	2,131.1	2,190.3		
11	SECONDART	2,030.2	2,030.2	2,092.7	2,131.1	2,190.3		
12	GS & TS							
12	SEM/SES (TC 0,A)	215.8	215.8	221.8	225.9	232.2		
13 14	SEM/SES (TC 0,A) SEM/PRS (TC 7,G)	215.8				232.2		
14 15		0.0		0.0		0.0		
15	PRM/SES (TC 6,F)	0.0		0.0		0.0		
16 17	PRM/PRS (TC 5,E)	0.0		0.0		0.0		
	PRM/SUS (TC 8,H)							
18	SUBTOTAL	215.9	215.9	221.9	226.0	232.3		
19								
20	GSD							
21	SEM/SES (TC 0,A)	1,243.8				1,338.0		
22	SEM/PRS (TC 7,G)	0.0				0.0		
23	PRM/SES (TC 6,F)	31.7			32.3	33.2		
24	PRM/PRS (TC 5,E)	0.4		0.4	0.4	0.4		
25	PRM/SUS (TC 8,H)	0.3		0.3		0.3		
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0		
28	SUBTOTAL	1,276.4	1,275.0	1,310.9	1,334.9	1,372.0		
29								
30	GSLD							
31	PRM/SES (TC 6,F)	0.0				0.0		
32	PRM/PRS (TC 5,E)	128.6		128.6		134.6		
33	PRM/SUS (TC 8,H)	0.0		0.0		0.0		
34	SUM/PRS (TC 4,D)	0.0		0.0		0.0		
35	SUM/SUS (TC 3,C)	111.5			111.5	114.6		
36	SUBTOTAL	240.1	0.0	128.6	242.5	249.2		
37								
38	SL/OL							
39	SECONDARY	0.0	0.0	0.0	0.0	0.0		
40								
41	TOTAL							
42	SEM/SES (TC 0,A)	3,495.9	3,495.9	3,592.8	3,658.8	3,760.5		
43	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0		
44	PRM/SES (TC 6,F)	31.8	31.2	31.8	32.4	33.3		
45	PRM/PRS (TC 5,E)	129.0	0.0	129.0	131.3	135.0		
46	PRM/SUS (TC 8,H)	0.3	0.0	0.3	0.3	0.3		
47	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1		
48	SUM/SUS (TC 3,C)	111.5	0.0	0.0	111.5	114.6		
49	TOTAL	3,768.6	3,527.1	3,754.0	3,934.4	4,043.8		
50								
51	RETAIL LOSSES		96.9	68.9	109.4	275.2		
52								

SCHEDULE E-11		DEVELOPME	NT OF COINCIE	ENT AND NO	O COINCIDENT	DEMANDS FOR COST	STUDY	Page 17 of 18
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a de	escription of how	the coincident a	and non-coincid	ent demands fo	r the test year were deve	loped.	Type of data shown:
		-				e developed and how the	-	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY						pers for the actual calcul		Projected Prior Year Ended 12/31/2021
DOCKET No. 20210034-EI						I non coincident load to a of the methodology.	ictual MWH	Historical Prior Year Ended 12/31/2020 Witness: L. L. Cifuentes/ L. J. Vogt
1			DEMAND 2022	-				Witness. L. L. Ondernes, L. J. Vogi
2	02.12.17.12.0		02.00 010 2022					
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT		
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE		
5				(Metered Volta	age Level)			
6	EXPANSION FACTOR			1.03054	1.01685	1.02377		
7	BACKDOWN FACTOR		0.97893	0.99452				
8								
9	RESIDENTIAL							
10	SECONDARY	1,840.5	1,840.5	1,896.7	1,928.7	1,974.5		
11 12	GS & TS							
12	SEM/SES (TC 0,A)	117.5	117.5	121.1	123.1	126.1		
14	SEM/SES (TC 0,A) SEM/PRS (TC 7,G)	0.0				0.0		
15	PRM/SES (TC 6,F)	0.0		0.0		0.0		
16	PRM/PRS (TC 5,E)	0.0		0.0		0.0		
17	PRM/SUS (TC 8,H)	0.0		0.0		0.0		
18	SUBTOTAL	117.5	117.5	121.1	123.2	126.1		
19								
20	GSD							
21	SEM/SES (TC 0,A)	798.9	798.9	823.3	837.2	857.1		
22	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0		
23	PRM/SES (TC 6,F)	19.3	18.9	19.3	19.7	20.1		
24	PRM/PRS (TC 5,E)	0.2		0.2	0.2	0.2		
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2		
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
27	SUM/SUS (TC 3,C)	0.0			0.0	0.0		
28	SUBTOTAL	818.7	817.8	843.1	857.3	877.7		
29								
30	GSLD							
31 32	PRM/SES (TC 6,F) PRM/PRS (TC 5,E)	0.0 169.0		0.0 169.0		0.0 175.9		
32 33	PRM/PRS (TC 5,E) PRM/SUS (TC 8,H)	0.0		0.0		0.0		
34	SUM/PRS (TC 4,D)	0.0		0.0		0.0		
35	SUM/SUS (TC 3,C)	146.6		0.0	146.6	150.1		
36	SUBTOTAL	315.6		169.0		326.0		
37								
38	SL/OL							
39	SECONDARY	0.0	0.0	0.0	0.0	0.0		
40								
41	TOTAL							
42	SEM/SES (TC 0,A)	2,756.9	2,756.9	2,841.1	2,889.0	2,957.7		
43	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0		
44	PRM/SES (TC 6,F)	19.4	18.9	19.4	19.7	20.1		
45	PRM/PRS (TC 5,E)	169.2				176.2		
46	PRM/SUS (TC 8,H)	0.2				0.2		
47	SUM/PRS (TC 4,D)	0.1			0.1	0.1		
48	SUM/SUS (TC 3,C)	146.6				150.1		
49	TOTAL	3,092.4	2,775.9	3,030.0	3,227.6	3,304.4		
50	DETAIL		a · -			040.0		
51 52	RETAIL LOSSES		84.2	51.1	76.7	212.0		
52								Deser Schedules

SCHEDULE E-11		DEVELOPME	NT OF COINCID	ENT AND NOM	ONCIDENT	DEMANDS FOR COST S	STUDY	Page 18 of 18
FLORIDA PUBLIC SERVICE COMMISSION		-				r the test year were devel		Type of data shown:
						e developed and how they		XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY			-			pers for the actual calcula		Projected Prior Year Ended 12/31/2021
DOCKET No. 20210034-EI						I non coincident load to ac of the methodology.	ctual MWH	Historical Prior Year Ended 12/31/2020 Witness: L. L. Cifuentes/ L. J. Vogt
1		TDOOR LIGHT S						Witness: L. L. Cirdentes/ L. J. Vogi
2	STREET/00	IDOOK LIGHT S	SERVICE 2022 I	ROJECTEDIN		NIFER		
3		AT	SECONDARY	PRIMARY	SUBTRAN	OUTPUT		
4	DESCRIPTION	METER	VOLTAGE	VOLTAGE	VOLTAGE	TO LINE		
5				(Metered Volta				
6	EXPANSION FACTOR			1.03935	1.01542	1.01673		
7	BACKDOWN FACTOR		0.97105	0.99311				
8								
9	RESIDENTIAL							
10	SECONDARY	766.7	766.7	796.8	809.1	822.6		
11								
12	GS & TS							
13	SEM/SES (TC 0,A)	64.5	64.5		68.1	69.2		
14	SEM/PRS (TC 7,G)	0.0	0.0		0.0	0.0		
15	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0		
16	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0		
17	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0		
18	SUBTOTAL	64.5	64.5	67.1	68.1	69.2		
19								
20 21	GSD	598.0	598.0	621.5	631.1	641.6		
22	SEM/SES (TC 0,A) SEM/PRS (TC 7,G)	0.0			0.0	0.0		
22	PRM/SES (TC 6,F)	14.4	13.9		14.6	14.8		
23	PRM/PRS (TC 5,E)	0.2	13.9	0.2	0.2	0.2		
25	PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2		
26	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1		
27	SUM/SUS (TC 3,C)	0.0		0.1	0.0	0.0		
28	SUBTOTAL	612.7	611.9	636.2	646.0	656.8		
29								
30	GSLD							
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0		
32	PRM/PRS (TC 5,E)	103.2		103.2	104.8	106.6		
33	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0		
34	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0		
35	SUM/SUS (TC 3,C)	89.6			89.6	91.1		
36	SUBTOTAL	192.8	0.0	103.2	194.4	197.6		
37								
38	SL/OL							
39	SECONDARY	28.7	28.7	29.8	30.2	30.7		
40								
41	TOTAL							
42	SEM/SES (TC 0,A)	1,457.8	1,457.8		1,538.5	1,564.2		
43	SEM/PRS (TC 7,G)	0.0	0.0		0.0	0.0		
44	PRM/SES (TC 6,F)	14.4	14.0		14.6	14.8		
45	PRM/PRS (TC 5,E)	103.4	0.0		105.0	106.8		
46	PRM/SUS (TC 8,H)	0.1	0.0		0.1	0.1		
47 48	SUM/PRS (TC 4,D)	0.1	0.0		0.1	0.1		
48 49	SUM/SUS (TC 3,C) TOTAL	89.6	0.0		89.6 1,747.8	91.1		
49 50	TUTAL	1,665.3	1,471.7	1,633.1	1,747.8	1,777.1		
50 51	RETAIL LOSSES		57.4	25.2	29.2	111.8		
52	NETAIL LUGGEG		57.4	20.2	23.2	111.0		

				and a set of the		USTMENT TO TEST YEA				Page 1 of 2
.URIDA PL	JBLIC SERVICE COMMISSION				-	on of the adjustment by rat			1	Type of data shown:
						e increase. The calculation	f of test year unbilled	revenue at present		XX Projected Test year Ended 12/31/2022
OMPANY:	TAMPA ELECTRIC COMPANY		r.	ates is provided i	n Schedule E-5.					Projected Prior Year Ended 12/31/2021
										Historical Prior Year Ended 12/31/2020
										Witness: J. S. Chronister/ L. L. Cifuentes/
OCKET No	o. 20210034-El			DEV		LED REVENUE AT PRES				A. S. Lewis/ L. J.Vogt
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
		(1)		Revenue \$000		(3)	(0)	(7)	(0)	
								Calender		
					Billing Cycle			Energy and		
		Billed			Energy and	Calandar	Unbilled	Demand	Unbilled	
ine	Rate	MWH		Customer	Demand	MWH	MWH	Charges	Revenue	
No.	Class	Sales	Total	Charge	Charge	Sales	Sales	\$000	\$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										
10	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										
27 28										
20 29										
30										
31										
32										
33										
34										
35										
36										

Supporting Schedules: E-5

ORIDA PL	JBLIC SERVICE COMMISSION		EXPLANATION: F	rovide a schedu		USTMENT TO TEST YEA		ar amount of unbilled	1	Type of data shown:	Page 2 of 2
ompany:	TAMPA ELECTRIC COMPANY	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.								K 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	
				DEVE	OPMENT OF UNBILLE	ED REVENUE AT PROPO	SED RATES				
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
			Base	Revenue \$000 -	Billed						
								Calender			
		Billed			Billing Cycle Energy and	Calandar	Unbilled	Energy and Demand	Unbilled	Unbilled Revenue	
ine	Rate	MWH		Customer	Demand	MWH	MWH	Charges	Revenue	Change	
No.	Class	Sales	Total	Charge	Charge	Sales	Sales	\$000	\$000	\$000	
1					, i i i i i i i i i i i i i i i i i i i		(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 7	Total Class I +II	10,613,867	938,813	204,481	734,332	10,611,583	(2,284)	734,174	\$ (158)	(1)
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											
16											
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)	3))
25 26											
20											
28											
29											
30											
31											
32											
33											
34											
35 36											
36 37											

Supporting Schedules: E-5

LORIDA	PUBLIC SERVICE COMMISSION EXPLANATION:		onal revenue excluding service charges			Type of data shown:
		-	any customers are to be transferred fro		-	XX Projected Test year Ended 12/31/202
OMPAN	TAMPA ELECTRIC COMPANY		ation shall be shown separately for the	transfer group and not be include	d under either the	Projected Prior Year Ended 12/31/202
OCKET	No. 20210034 EI	new or old classific	(\$000)			Historical Prior Year Ended 12/31/202 Witness: W. R. Ashburn
OOKETT			(\$000)			Withoss, W. R. Abhburn
		(1)	(2)	(3)	(4)	
		Base	Base			
		Revenue under	Revenue under			
ine		Present	Proposed	Dollars	Percent	
lo.	Rate	Rates	Rates	(2) - (1)	(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	<u>9.9</u> %	
19	Total	1,167,379	1,462,371	294,992	<u>25.3</u> %	
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						

	DULE E-13b DA PUBLIC SERVICE COMMISSION	EXPLANATION: Prov		ENUES BY RATE						Tup	e of data sh	000	Page 1 of
COMP	ANY: TAMPA ELECTRIC COMPANY			nd proposed rates		e charges (muar c				ı yp	XX Proje Proje Histo	ected Test year End acted Prior Year End prical Prior Year End ess: W. R. Ashburr	led 12/31/2021 led 12/31/2020
		(1)		(2)		(3)		(4)		(5)		(6)	(7)
	Type of							(\$000)		(\$000)		(\$000)	
Line	Service	Number of		Present		roposed		venues at		venues at		Increa	
No.	Charge	Transactions		Charge		Charge	Prese	ent Charges	Propo	sed Charges		Dollars	Percent
1 2	Rate Schedule : Service Charges												
3	ridd Conodalo : Corrido Chargeo												
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 9	Saturday Turn ons	2	\$	300.00	\$	-	\$	1	\$	-	\$	-	0.00%
10	Same Day Turn Ons	6,324	\$	75.00	s		s	474	s	-	\$	-	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 17	Field Credit Visit	12,731	\$	25.00	\$	25.00	\$	318	\$	318	\$	-	0.00%
18	Tampering Charge without Investigation	1,818	\$	55.00	s	50.00	s	100	s	91	\$	(9)	-9.09%
19	1 3 5 3	,										(-)	
20	Return Check Fee	NA	Per	FL Statutes	Per I	FL Statutes	\$	11,898	\$	11,898	\$	-	0.00%
21													
22	Late Payment Charge	NA		6 or \$5.00		6 or \$5.00	\$	755	\$	755	\$	-	0.00%
23 24			(the	greater of)	(the	greater of)							
24 25	Rate Schedule - Temporary Service												
26	rate conclude - remporary convice												
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	Table Queries Observes						\$			10.150		(0.005)	
31 32	Total Service Charges						\$	26,260	\$	19,150	\$	(6,635)	
32 33													
34													
35													
36													
37													
38													
39	dia Och dala 5.7												

Supporting Schedules: E-7

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 1 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

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	
0	9	GSD, GSDT Transferring to GSLDPR, GSDLTPR	
1	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	
7	25	SBF,SBFT Transferring to SBLDSU,SBLDTSU	
18	29	SBF,SBFT Transferring to SBD/SBDT	
19	33	SBI Transferring to SBLDPR, SBLDTPR	
0	35	SBI Transferring to SBLDSU,SBLDTSU	
1	37	LS-1,LS-2	
22			
23			
4			
5			
6			
7			
28			
9			
30			
1			
32			
3			
34			
35			
36			
37			
38			
9			

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 2 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: By rate sched	ule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
	transferred fro	om one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used for histor	ric test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
	units must equ	ual those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
	PROVIDE TO	TAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI	AND TIME OF	F USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule	RS, RSVP-1
rate conodato	<u>110, 110 11 1</u>

ine Type of		Test Year Present Revenue Calculation		Proposed Revenue Calculation					Percent	
lo. Charges	Units		Charge/Unit	\$ Revenue	Units		Charg	je/Unit	\$ Revenue	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 Day	'S		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		\$ 62.25	185,550,380	2,980,729		\$	76.00	226,535,404	
13 RSVP-1	97,727		\$ 55.39	5,413,099	97,727		\$	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 und	ler proposed rates reflects pro	posed daily ch	arge.							
33			5							
34										
35										
36										
37										
38										
39										

SCHEDULE E-13c	BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	S Page 3 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test ye	year. If any customers are to be Type of data shown:
	transferred from one schedule to another, show revenues separately for the transfer g	group. Correction factors are XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used for historic test years only. The total base revenue by class must equal that sho	own in Schedule E-13a. The billing Projected Prior Year Ended 12/31/2021
	units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
	PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RAT	ATE SCHEDULE (INCLUDING STANDARD Witness: W. R. Ashburn
DOCKET No. 20210034 EI	AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of	Present Revenue Calculation		Proposed Revenue Calculation					Percent		
o. Charges	Units	Cł	Charge/Unit \$ Revenue		Units Charge/Unit		\$ Revenue	Increase		
1										
2 Basic Service Charge:										
3 Standard Metered	786,542 Bi	lls \$	18.06	14,204,949	23,923,986	Days	\$	0.74	17,800,076	
4 Standard Unmetered	1,179 Bi		15.05	17,744	35,861		\$	0.62	22,330	
5 T-O-D	28,888 Bit	lls \$	18.06	521,717	878,677	Days	\$	0.74	653,759	
6 Total	816,609 Bi	lls		14,744,410	24,838,524	Total Day	/S		18,476,165	
7										
B Energy Charge:										
9 Standard	895,468 M	WH \$	54.96	49,214,921	895,468	MWH	\$	69.15	61,921,612	
O Standard Unmetered	1,338 M	WH \$	54.96	73,536	1,338	MWH	\$	69.15	92,523	
1 T-O-D On-Peak	8,456 M	WH \$	125.94	1,064,949	8,456	MWH	\$	137.13	1,159,571	
2 T-O-D Off-Peak	24,613 M	WH \$	30.53	751,435	24,613	MWH	\$	45.80	1,127,152	
3 Sun Select*	106.2 M	WH \$	63.00	6,691	106	MWH	\$	63.00	6,691	
4 Total	929,875 M	WH		51,111,532	929,875	MWH			64,307,549	
5										
6 Emergency Relay Charge:										
7 Standard	1,597 M	WH \$	1.69	2,699	1,597	MWH	\$	1.81	2,891	
T-O-D	- M	WH \$	1.69		-	MWH	\$	1.81		
) Total	1,597 M	WH		2,699	1,597	MWH			2,891	
)										
1										
2										
3 Total Base Revenue:				\$ 65,858,641					\$ 82,786,604	
4										
5										
3										
,										
8										
1										
*Total Excludes Sun Select MWH										
Note: Basic Service Charge under proposed rate	es reflects proposed daily cha	arge.								
5										
5										
7										
3										
9										

Supporting Schedules:

Rate Schedule GS, GST

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 4 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: By rate s	chedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
	transferre	d from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used for	istoric test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
	units mus	t equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
	PROVID	TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI	AND TIM	E OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of	Present Revenue Calculation			Pro	Proposed Revenue Calculation			
Io. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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 Day	/S	885,566	25.3	
5								
6 Energy Charge:								
7	12,349 MV	VH \$ 54.96	678,701	12,349 MWH	\$ 69.15	853,933		
8 Total	12,349 MV	VH	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 pro	oposed rates reflects propose	d dally charge.						
33								
34								
35								
36								
37								
38 39								

Rate Schedule CS

Recap Schedules: E-13a

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 5 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule	GSD,GSDT
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e Type of	Present Revenue Calculation				Proposed Revenue Calculation				Percent		
Charges	Units		Charge/Unit		\$ Revenue	Units		Chi	arge/Unit	\$ Revenue	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	
5 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 Da	ays		5,614,501	-
9											
) Energy Charge:											
1 Standard - Secondary	4,437,942	MWH	\$	15.89	70,518,898	4,437,942	MWH	\$	20.91	92,797,367	
2 Standard - Primary	59,093	MWH	\$	15.89	938,988	59,093	MWH	\$	20.91	1,235,635	
3 Standard - Subtransmission	-	MWH	\$	15.89	-	-	MWH	\$	20.91		
4 T-O-D On-Peak - Secondary	503,925	MWH	\$	29.08	14,654,139	503,925	MWH	\$	42.50	21,416,813	
5 T-O-D On-Peak - Primary	92,820	MWH	\$	29.08	2,699,206	92,820	MWH	\$	42.50	3,944,850	
5 T-O-D On-Peak - Subtrans.	183	MWH	\$	29.08	5,322	183	MWH	\$	42.50	7,778	
7 T-O-D Off-Peak - Secondary	1,401,121	MWH	\$	10.49	14,697,759	1,401,121	MWH	\$	13.11	18,372,199	
3 T-O-D Off-Peak - Primary	251,383	MWH	\$	10.49	2,637,008	251,383	MWH	\$	13.11	3,296,260	
9 T-O-D Off-Peak - Subtrans.	469	MWH	\$	10.49	4,920	469	MWH	\$	13.11	6,150	
0 Sun Select*	240	MWH	\$	63.00	15,120	240	MWH	\$	63.00	15,120	
1 Total	6,746,936	MWH			106,171,359	6,746,936	MWH			141,092,170	3
2											
3 Demand Charge:											
4 Standard - Secondary	11,644,412	kW	\$	10.92	127,156,979	11,644,412	kW	\$	13.00	151,377,356	
5 Standard - Primary	162,493	kW	\$	10.92	1,774,424	162,493	kW	\$	15.00	2,437,395	
5 Standard - Subtransmission	-	kW	\$	10.92	-	-	kW	\$	16.00		
7 T-O-D Billing - Secondary	3,583,349	kW	\$	3.49	12,505,888	3,583,349	kW	\$	4.15	14,870,898	
8 T-O-D Billing - Primary	689,809	kW	\$	3.49	2,407,433	689,809	kW	\$	4.15	2,862,707	
T-O-D Billing - Subtrans.	2,362	kW	\$	3.49	8,243	2,362	kW	\$	4.15	9,802	
0 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	
1 T-O-D Peak - Primary	653,558	kW (1)	\$	7.14	4,666,404	653,558	kW (1)	\$	8.50	5,555,243	
2 T-O-D Peak - Subtrans.	2,284	kW (1)	\$	7.14	16,308	2,284	kW (1)	\$	8.50	19,414	
3 Total	16,082,425				173,231,497	16,082,425	• • • •			206,532,599	
4											

36 (1) not included in totals

37

38

39 Note: Basic Service Charge under proposed rates reflects proposed daily charge. Supporting Schedules:

Continued on Page 6

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 6 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD,GSDT

Line Type of	Pre	sent Revenue Calculation		Prop	Percent		
No. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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							

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Continued on Page 7

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 7 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD,GSDT

ine Type of		Present Revenue Calculation			osed Revenue Calculation		Percent Increase
o. Charges	Units Charge/Unit		\$ Revenue	Units Charge/Unit		\$ Revenue	
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	(
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
19			(****)	,			
20							
21							
22							
23 Total Base Revenue:			\$ 285,541,314			\$ 353,385,125	23
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
34 35							
36							
36 37							
18 19							

Supporting Schedules:

SCHEDULE E-13c	BAS	E REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 8 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: By rate schedule, calculate	revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
	transferred from one schedu	ule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used for historic test years of	only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
	units must equal those show	vn in Schedule E-15.	Historical Prior Year Ended 12/31/2020
	PROVIDE TOTAL NUMBE	R OF BILLS, MWH's, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI	AND TIME OF USE CUST	OMERS) AND TRANSFER GROUP.	

Rate Schedule GSD Optional

Line Type of		Present Re	evenue Calculation			Prop	bosed Re	venue Calculation		Percent
No. Charges	Units	Ch	narge/Unit	\$ Revenue	Units		Cha	arge/Unit	\$ Revenue	Increase
1 Basic Service Charge:										
2 Optional - Secondary	21,126 Bill	lls \$	30.10	635,893	642,593	Days	\$	0.97	623,929	
3 Optional - Primary	304 Bill	lls \$	130.44	39,654	9,255	Days	\$	7.28	67,372	
4 Optional - Subtransmission	0 Bill	lls \$	993.27		0	Days	\$	22.47		
5 Total	21,430 Bill	lls		675,546	651,848	Total Day	/s		691,302	2
6										
7 Energy Charge:										
8 Optional - Secondary	358,215 MV	WH \$	65.95	23,624,279	358,215	MWH	\$	82.98	29,724,681	
9 Optional - Primary	5,382 MV		65.95	354,943	5.382	MWH	\$	82.98	446,598	
10 Optional - Subtransmission	<u>0</u> MV	WH \$	65.95	-	0	MWH	\$	82.98	-	
11 Total	363,597 MV			23,979,222	363,597	MWH			30,171,279	25
12										
13 Demand Charge:										
14 Optional - Secondary	2,170,434 kW	v s	-	-	2,170,434	kW	\$	-	-	
15 Optional - Primary	52,410 kW		-	-	52,410		\$	-	-	
16 Optional - Subtransmission	0 kW		-	-		kW	\$	-	-	
17 Total	2,222,844 kW				2,222,844				-	
18	, , , , , , , , , , , , , , , , , , , ,				, ,-					
19 Delivery Voltage Charge										
20 Optional - Primary	2,127 MV	WH \$	(2.40)	(5,105)	2 127	MWH	\$	(2.16)	(4,584)	
21 Optional - Subtransmission	0	\$	(7.35)		_,	MWH	\$	(8.13)	-	
22 Total	2,127 MV			(5,105)	2.127	MWH			(4,584)	-10
23	-,				_,					
24 Emergency Relay										
25 Optional - Secondary	17,452 MV	WH \$	1.82	31,763	17,452	MWH	\$	1.81	31,588	
26 Optional - Primary	0 MV		1.82	-		MWH	\$	1.81	-	
27 Optional - Subtransmission	0 MV		1.82	-		MWH	\$	1.81	-	
28 Total		wн		31,763	17,452	MWH			31,588	-(
29	,				,					
30 Meter Voltage Adjustment										
31 Optional - Primary	349,838 \$		-1%	(3,498)	442,015	s		-1%	(4,420)	
32 Optional - Subtransmission	-		-2%	-		Ŷ		-2%	-	
33 Total	349,838 \$			(3,498)	442,015	s			(4,420)	20
34	0.0,000 φ			(0, 100)		-			(1,120)	20
35 Power Factor Charge	0 \$/k	VARh	0	0	0	\$/kVARh		0	0	
36 Power Factor Credit	0 \$/k		o	0		\$/kVARh		0	0	
37	0 6/10		5	÷	0			5	5	
38 Total Base Revenue:				\$ 24,677,928					\$ 30,885,165	25
39 Note: Basic Service Charge under proposed I	rates reflects proposed daily cha	arde		÷ 27,017,020					÷ 00,000,100	2

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 9 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD, GSDT Transferring to GSLDPR, GSDLTPR

Line Type of		Pre	sent Rev	venue Calculation			Pro	posed Re	evenue Calculation		Percent
No. Charges	Units		Ch	arge/Unit	\$ Revenue	Units		Ch	arge/Unit	\$ Revenue	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 Da	ays		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%

Continued on Page 10

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 10 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD, GSDT Transferring to GSLDPR, GSDLTPR

Line Type of		Prese	ent Revenu	ue Calculation			Pro	oosed Re	venue Calculation		Percent
No. Charges	Units		Charge	e/Unit	\$ Revenue	Units		Cha	irge/Unit	\$ Revenue	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		MVARh		2.01	12,766		MVARh	\$	2.01	12,766	
16	10.653	MVARh			21,413	10.653	- MVARh			21,413	0.0%
17	,										

Continued on Page 11

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 11 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

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

Rate Schedule <u>GSD, GSDT Transferring to GSLDPR, GSDLTPR</u>

Recap Schedules: E-13a

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 12 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule IS, IST Transferring to GSLDPR, GSLDTPR

Line Type of		Present Revenue Cal	culation	Prop	osed Revenue Calculation		Percent
No. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	Increase
1							
2 Basic Service Charge:							
3 Standard Pri.	67 Bill	lls \$ 624.05	41,949	2,045 Days	\$ 23.71	48,469	
4 T-O-D Primary	96 Bill:	ls \$ 624.05	59,971	2,923 Days	\$ 23.71	69,293	
5 Total	163 Bill:	ls	101,920	4,968 Total Day	s	117,763	15.5
6							
7 Energy Charge:							
8 Standard Primary	40,126 MV	WH \$ 25.13	1,008,366	40,126 MWH	\$ 12.72	510,403	
9 T-O-D On-Peak - Pri.	38,392 MV	WH \$ 25.13	964,791	38,392 MWH	\$ 25.63	983,987	
10 T-O-D Off-Peak - Pri.	107,764 MV	WH \$ 25.13	2,708,109	107,764 MWH	\$ 8.07	869,573	
11 Total	186,282 MV	WН	4,681,267	186,282 MWH		2,363,962	-49.5
12							
13 Demand Charge:							
14 Standard Primary	97,227 kW	V \$ 4.07	395,714	97,227 kW	\$ 15.00	1,458,405	
15 T-O-D Billing - Primary	311,236 kW	V \$ 4.07	1,266,731	311,236 kW	\$ 4.79	1,492,052	
16 T-O-D Peak - Primary	0_kW	V (1) \$ -		0 kW (1)	\$ 9.81		
17 Total	408,463 kW	V	1,662,444	408,463 kW		2,950,457	77.
18							
19 Power Factor Charge:							
20 Standard Primary	5,154 MV	VARh \$ 2.01	10,360	5,154 MVARh	\$ 2.01	10,360	
21 T-O-D Primary	7,578 MV	VARh \$ 2.01	15,232	7,578_ MVARh	\$ 2.01	15,232	
22 Total	12,732 MV	VARh	25,591	12,732 MVARh		25,591	0.0
23							
24							
05							

34 Note: Basic Service Charge under proposed rates reflects proposed daily charge.

35 (1) Not included in Total.

Supporting Schedules:

Continued on Page 13

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 13 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule IS, IST Transferring to GSLDPR, GSLDTPR

Line Type of	Pr	esent Revenue Calculation		Proposed Revenue		Percent
No. Charges	Units	Charge/Unit	\$ Revenue	Units Charge/	Unit \$Revenue	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)	<u>6,183</u> MVARh \$ (1.01) (6,245)	
6 Total	9,675 MVARh		(9,772)	9,675 MVARh	(9,772)	0.04
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		0.04
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	<i>#########</i> \$	-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						
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Supporting Schedules:

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SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 14 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD, GSDT Transferring to GSLDSU, GSDLTSU

Line Type of	1	Present Revenue Calculation		Proposed Revenue Calculation		Percent
No. Charges	Units	Charge/Unit	\$ Revenue	Units Charge/Unit	\$ Revenue	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	<u> </u>	
4 Total	0 Bills		-	0 Total Days	<u>.</u>	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	<u> </u>	
16 Total	0 kW		-	0 kW		0.0%
17						
18						
19						

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	
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33 Note: Basic Service Charge under proposed rates re	eflects proposed daily charge.			
34				
35 (1) Not included in Total.				
36				
37				
38				
39				Continued o
Supporting Schedules:				Recap Schedules: E-13a

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SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 15 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD, GSDT Transferring to GSLDSU, GSDLTSU

Line Type of	Present Revenue Calculation		Proposed Revenue Calculation			Percent	
No. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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	\$ -	<u> </u>	
6 Total	0 kW			0 kW			0.09
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	<u> </u>	0 kW	\$ 0.72	<u> </u>	
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	<u> </u>	0 MVARh	\$ 2.01	<u> </u>	
16 total	0 MVARh		-	0 MVARh		<u> </u>	0.09
17							
18							
19							
20							
21							
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Continued on Page 16

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 16 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD, GSDT Transferring to GSLDSU, GSDLTSU

ine Type of No. Charges	Present Revenue Calculation			Proposed Revenue Calculation			Percent
	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	Increase
1 Continued from Page 15							
2							
3 Power Factor Credit:							
4 Standard Subtransmission	0 MVARh		-	0 MVAR		-	
5 T-O-D Subtransmission	0_MVARh	\$ (1.01)		0 MVAR	h \$ (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%	<u>-</u>	\$	0%	<u>.</u>	
12 Total	- \$		-	- \$		-	0.0
3							
4							
5							
6							
7 Total Base Revenue:			\$ -			<u>\$</u>	0.
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SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 17 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule IS, IST Transferring to GSLDSU and GSLDTSU

Line Type of		Present Revenue Calculation				Proposed Revenue Calculation				Percent
No. Charges	Units	Ch	arge/Unit	\$ Revenue	Units		Charge	e/Unit	\$ Revenue	Increase
1										
2 Basic Service Charge:										
3 Standard Subtransmission	0 Bi	ills \$	624.05		0	Days	\$ 1	02.89	-	
4 T-O-D Subtransmission	96 Bi	ills \$	2,379.85	228,704	2,923	Days	\$ 1	02.89	300,761	
5 Total	96 Bi	ills		228,704	2,923	Total Days			300,761	31.5
6										
7 Energy Charge:										
8 Standard Subtransmission	0 M	1WH \$	25.13	-	0	MWH	\$	20.30	-	
9 T-O-D On-Peak - Subtransmission	74,040 M	1WH \$	25.13	1,860,625	74,040	MWH	\$	36.88	2,730,595	
10 T-O-D Off-Peak - Subtransmission	230,943 M	1WH \$	25.13	5,803,598	230,943	MWH	\$	14.99	3,460,846	
11 Total	304,983 M	IWH		7,664,223	304,983	MWH			6,191,441	-19.
12										
13 Demand Charge:										
14 Standard Subtransmission	0 kV	W \$	4.07	-	0	kW	\$	16.00	-	
15 T-O-D Billing - Subtransmission	857,916 kV	W \$	4.07	3,491,718	857,916	kW	\$	5.11	4,386,999	
16 T-O-D Peak -Subtransmission	- kV	W (1) \$	-	<u> </u>	-	kW (1)	\$	10.46		
17 Total	857,916 kV	w		3,491,718	857,916	kW			4,386,999	25.0
18										
19 Power Factor Charge:										
20 Standard Subtransmission	0 M	1VARh \$	-		0	MVARh	\$	2.01	-	
21 T-O-D Subtransmission	28,228 M	IVARh \$	2.01	56,738	28,228	MVARh	\$	2.01	56,738	
22 Total	28,228 M	IVARh \$	-	56,738	28,228	MVARh			56,738	0.
23										
24 Note: Basic Service Charge under proposed rate	s reflects proposed daily cha	arde.								

24 Note: Basic Service Charge under proposed rates reflects proposed daily charge

25 (1) Not included in Total.

Supporting Schedules:

Continued on Page 18

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 18 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule IS, IST Transferring to GSLDSU and GSLDTSU

Line Type of	Pre	esent Revenue Calculation		Prop	Proposed Revenue Calculation				
No. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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	894,802kW	\$ (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									
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Supporting Schedules:

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SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 19 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: By ra	ate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
	transf	sferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used	d for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
	units	must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
	PRO'	DVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI	AND) TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD Optional transfering to GSLDPR

Line Type of	Pr	esent Revenue Calculation		Proposed Revenue Calculatio	Percent	
No. Charges	Units	Charge/Unit	\$ Revenue	Units Charge/Unit	\$ Revenue	Increase
1 Basic Service Charge:						
2 Optional - Primary	12 Bills	<u>\$ 130.44</u>	1,565	<u>365</u> 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	<u>0</u> kW	<u>\$ -</u>		<u> 11,433</u> kW \$ 15.00	171,495	
11 Total	<u>0</u> kW	\$ -	<u> </u>	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	<u>0</u> MWH	\$ 0.72		0 MWH \$ 0.72		
19 Total	<u>0</u> MWH		-	0 MWH		0.0%
20						
21 Meter Voltage Adjustment						
22 Optional - Primary	149,152 \$	-1%	(1,492)	0 \$ -1%	<u>-</u>	
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	41.49
31						
32						
33						

34 Note: Basic Service Charge under proposed rates reflects proposed daily charge.

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Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 20 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule GSD Optional transferring to GSLDSU

Line Type of	Pres	ent Revenue Calculation		Proposed Revenue Calculation	Percent	
No. Charges	Units	Charge/Unit	\$ Revenue	Units Charge/Unit	\$ Revenue	Increase
1 Basic Service Charge:						
2 Optional - Subtransmission	0 Bills	\$ 993.27		0 Days \$ 102.89	<u> </u>	
3 Total	0 Bills			0 Total Days \$ 102.89	<u> </u>	0.0%
4						
5 Energy Charge:						
6 Optional - Subtransmission	0 MWH	\$ 65.95		0 MWH <u>\$ 20.30</u>	<u> </u>	
7 Total	0 MWH			0 MWH \$ 20.30	<u> </u>	0.0%
8						
9 Demand Charge:						
10 Optional - Subtransmission	0 kW	\$ -	<u> </u>	0 kW \$ 16.00	<u> </u>	
11 Total	0 kW	\$-	<u> </u>	0 \$ 16.00	<u> </u>	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 \$		0.09
24						
25 Power Factor Charge	0 kVARh	2.01	0	0 kVARh 2.01	<u> </u>	
26						
27 Power Factor Credit	0 kVARh	-1.01	0	0 kVARh (1.01)	<u> </u>	
28						
29						
30						
31						
32 Total Base Revenue:			\$ -		\$ -	0.0
33						
34						
35						
36						
37						
38						
39						

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 21 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Percent	Proposed Revenue Calculation						Present Revenue Calculation					Line Type of				
	\$ Revenue	Units Charge/Unit			Jnit \$ Revenue		Units Charge/Unit		Units	Charges Un	No. Charges					
												1				
											Basic Service Charge:	2 Basi				
	-	24.53	\$	Days	0	-	51	\$ 155.5 ⁴	Bills \$	0	Standard Primary	3 S				
	18,241	24.53	\$	Days	744	3,802	51	\$ 155.5	Bills \$	24	T-O-D Primary	4 T-0				
379.7	18,241	49.06	\$	Total Days	744	3,802			Bills	24	Total	5 T				
												6				
											Energy Charge - Supplemental:	7 Ener				
	-	12.72	\$	MWH	-	-	39	\$ 15.89	MWH \$	0	Standard Primary	8 S				
	735,427	25.63	\$	MWH	28,694	834,422	08	\$ 29.08	MWH \$	28,694	T-O-D On-Peak - Primary	9 T-(
	694,204	8.07	\$	MWH	86,031	902,465	49	\$ 10.49	MWH \$	86,031	T-O-D Off-Peak - Primary	10 T-0				
-17.7	1,429,631				114,725	1,736,887				114,725	otal	11 total				
												12				
											Energy Charge - Standby:	13 Ener				
	-	9.92	\$	MWH	0	-	70	\$ 9.170	MWH \$	0	Standard Primary	14 Star				
	19,389		\$		1,954	17,918				1,954	T-O-D On-Peak - Primary					
	56,878	9.92	\$	MWH	5,732	52,562	70	\$ 9.170	MWH \$	5,732	T-O-D Off-Peak - Primary	16 T-0				
8.2	76,267			MWH	7,686	70,481			MWH	7,686	Total	17 T				
												18				
												19				
												20				
												21				
												22				
												23				
												24				
												25				
												26				
												31				
												27 28 29 30 31				

34 Note: Basic Service Charge under proposed rates reflects proposed daily charge.

Continued on Page 22 Recap Schedules: E-13a

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 22 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of	Pres	Proposed Revenue Calculation					Percer			
o. Charges	Units	Charge/Unit		\$ Revenue	Units	Ch	arge/Unit		\$ Revenue	Increas
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	3
8										
9 Demand Charge - Standby:										
0 Std. Facilities Reservation - Pri.	0 kW	\$	1.68	-	0 kW		1.93		-	
1 Std. Power Supply Res Pri.	0 kW (1)	\$	1.55 / kW-mo.	-	0 kW (1)		2.22		-	
2 Std. Power Supply Dmd Pri.	0 kW (1)	\$	0.62 / kW-day	-	0 kW (1)		0.88		-	
3 T-O-D Facilities Reservation - Pri.	100,050 kW	\$	1.68	168,084	100,050 kW	\$	1.93		193,321	
4 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	
5 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	
6 Total	292,652 kW			368,959	292,652 kW				479,121	2
7										
В										
9 Power Factor Charge Supplemental & Standby:										
0 Standard Primary	0 MVARh	\$	2.01	-	0 MVARh	\$	2.01		-	
1 T-O-D Primary	14,707 MVARh	\$	2.01	29,561	14,707 MVARh	\$	2.01		29,561	
2 Total	14,707			29,561	14,707				29,561	
3										
4										
5										
6										
7										
в										
9										
D										
1										
2										
3										
-										
5 (1) Not included in Total.										
6										
7										
8										
9										Continued on Pag

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 23 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of		sent Revenue Calc		Prop	Percent		
lo. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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)		
5 Total	0 MVARh			0 MVARh			
7							
8 Delivery Voltage Credit - Supplemental.:							
9 Standard Primary	0 kW	\$ (0.91)	-	0 kW	\$ -	-	
0 T-O-D Primary	192,602 kW	\$ (0.91)	(175,268)	0_ kW			-100
1 Total	192,602		(175,268)	0			
2							
3 Delivery Voltage Credit Standby .:							
4 Std. Primary	0 kW	\$ (0.63)	-	0 kW	0	-	
5 T-O-D Primary	100,050 kW	\$ (0.63)	(63,032)	0 kW	\$ -		
6 Total	100,050 kW		(238,299)	0 kW			-10
7							
8 Emergency Relay Charge - Supplemental and Standby							
9 Standard Primary	0 kW	\$ 0.72	-	0 kW	\$ 0.72	-	
0 T-O-D Primary	112,535 kW	\$ 0.72	81,025	112,535 kW	\$ 0.72	81,067	
1 Total	112,535		81,025	112,535		81,067	
2							
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3							
9							Continued on Pag

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 24 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of		Present Revenue Calculation		Pr		Percent	
o. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	Increase
1 Continued from Page 23							
2							
3 Metering Voltage Adjustment - Supplement	tal and Stanby.:						
4 Standard Primary	0 \$	-1.0%	-	- \$	-1.0%	-	
5 T-O-D Primary	4,043,615 \$	-1.0%	(40,436)	- \$	-1.0%	<u> </u>	
6 Total	4,043,615 \$		(40,436)	- \$		-	-100
7							
8							
9							
0 Total Base Revenue:			\$ 4,006,981			\$ 4,854,275	2'
11							
12							
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SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 25 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Line Type of	Pr	esent Revenue Calculation		Proposed Re	evenue Calculation		Percent
No. Charges	Units	Charge/Unit	\$ Revenue	Units Ch	arge/Unit	\$ Revenue	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							

Supporting Schedules:	Recap Schedules: E-13a
	Continued on Page
38	
37	
36	
35 Note: Basic Service Charge under proposed rates reflects proposed daily charge.	
34	
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Page 26

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 26 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of	Pre	sent Reve	enue Calculation		Prop	bosed Re	evenue Calculation		Percent
o. Charges	Units	Char	rge/Unit	\$ Revenue	Units	Ch	arge/Unit	\$ Revenue	Increas
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	<u> </u>	0 kW (1)	\$	10.46		
Total	0				0 kW				
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	-2
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	
22									
23									
24									
25									
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28									
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33									
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35 (1) Not included in Total.									
36									
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38									
39									Continued on Pag

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 27 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of	Pre	nue Calculation		Proposed Revenue Calculation				Percent	
lo. Charges	Units Charge/Unit \$		\$ Revenue	Units	Charge/Unit		\$ Revenue	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)	0.09
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	\$	-	<u> </u>	
Total	0 kW				0 kW				0.09
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	\$	-	<u>-</u>	
22 Total	218,648 kW			(430,737)	218,648 kW			<u>-</u>	-100.09
23									
24 Emergency Relay Charge - Supplemental and Stand									
25 Standard Subtransmission	0 kW	\$	0.72	-	0 kW	\$	0.72	-	
26 T-O-D Subtransmission	<u>0</u> kW	\$	0.72		0 kW	\$	0.72	<u>-</u>	
27	0 kW				0 kW			<u>-</u>	0.09
28									
29									
30									
31									
32 33									
34 35									
36									
37									
38 39									Continued on Page 2

Supporting Schedules:

SCHEDULE E-13c	BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 28 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
	transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
	units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
	PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STAN	DARD Witness: W. R. Ashburn
DOCKET No. 20210034 EI	AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ne Type of		resent Revenue Calculation			oposed Revenue Calculation		Percen
Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	Increas
Continued from Page 15							
Metering Voltage Adjustment - Supplemental	and Stanby.:						
Standard Subtransmission	0 \$	-1.0%	-	- \$	0.0%	-	
5 T-O-D Subtransmission	356,415_\$	-2.0%	(7,128)	\$	0.0%		
5 Total	356,415 \$		(7,128)	- \$			-10
7							
3							
Э							
) Total Base Revenue:			\$ 386,630			\$ 694,826	7
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SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 29 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Line Type of	Pi	resent Revenue Calculation		Proposed		Percent	
lo. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	Increase
1							
2 Basic Service Charge:							
3 Standard Secondary	0 Bills	\$ 55.18	-	0 Days \$	5 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 \$	5 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		-	(
)							
1 Energy Charge - Supplemental:							
2 Standard Secondary	0 MWH	\$ 15.89	-	0 MWH \$	\$ 20.91		
3 Standard Primary	0 MWH	\$ 15.89	-	0 MWH \$	\$ 20.91	-	
4 Standard Subtransmission	0 MWH	\$ 15.89	-	0 MWH \$	\$ 20.91	-	
5 T-O-D On-Peak - Secondary	0 MWH	\$ 29.08	-	0 MWH \$	42.50		
5 T-O-D On-Peak - Primary	0 MWH	\$ 29.08	-	0 MWH \$	42.50		
T-O-D On-Peak - Subtrans.	0 MWH	\$ 29.08	-	0 MWH \$	42.50		
T-O-D Off-Peak - Secondary	0 MWH	\$ 10.49	-	0 MWH \$	\$ 13.11		
T-O-D Off-Peak - Primary	0 MWH	\$ 10.49	-	0 MWH \$	\$ 13.11		
) T-O-D Off-Peak - Subtrans.	0 MWH	\$ 10.49	-	0 MWH \$	5 13.11		
Total	0		-	0			
2							
B Energy Charge - Standby:							
Standard Secondary	0 MWH	\$ 9.17	-	0 MWH \$	9.92	-	
5 Standard Primary	0 MWH	\$ 9.17	-	0 MWH \$	9.92	-	
Standard Subtransmission	0 MWH	\$ 9.17	-	0 MWH \$	9.92	-	
T-O-D On-Peak -Secondary	0 MWH	\$ 9.17	-	0 MWH \$	9.92	-	
T-O-D On-Peak - Primary	0 MWH	\$ 9.17	-	0 MWH \$	9.92	-	
T-O-D On-Peak - Subtrans.	0 MWH	\$ 9.17	-	0 MWH \$	9.92	-	
) T-O-D Off-Peak -Secondary	0 MWH	\$ 9.17	-	0 MWH \$	9.92		
I T-O-D Off-Peak - Primary	0 MWH	\$ 9.17	-	0 MWH \$	9.92		
T-O-D Off-Peak - Subtrans.	0_MWH	\$ 9.17		<u>0</u> MWH \$	9.92		
3 Total	0 MWH			0 MWH			
-							
5							
Note: Basic Service Charge under proposed r	rates reflects proposed daily charge.						
3							
n							Continued on Ba

39 Supporting Schedules:

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Continued on Page 30

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 30 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of		sent Revenue Calculation			osed Revenue Calculation		Percent Increase
lo. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	
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		
I0 T-O-D Peak - Secondary	0 kW (1)	\$ 7.14	-	0 kW (1)	\$ 8.50		
1 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		
5 Std. Facilities Reservation - Pri.	0 kW	1.68	-	0 kW	\$ 2.64		
6 Std. Facilities Reservation - Sub.	0 kW	1.68	-	0 kW	\$ 2.64		
7 Std. Power Supply Res Sec.	0 kW (1)	1.55 kW-mo.	-	0 kW (1)	\$ 2.22 kW-mo.		
8 Std. Power Supply Res Pri.	0 kW (1)	1.55 kW-mo.	-	0 kW (1)	\$ 2.22 kW-mo.		
9 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		
1 Std. Power Supply Dmd Pri.	0 kW (1)	0.62 kW-day	-	0 kW (1)	\$ 0.88 kW-day		
2 Std. Power Supply Dmd Sub.	0 kW (1)	0.62 kW-day	-	0 kW (1)	\$ 0.88 kW-day	-	
3 T-O-D Facilities Reservation - Sec.	0 kW	\$ 1.68	-	0 kW	\$ 2.64	-	
4 T-O-D Facilities Reservation - Pri.	0 kW	\$ 1.68	-	0 kW	\$ 2.64		
5 T-O-D Facilities Reservation - Sub.	0 kW	\$ 1.68	-	0 kW	\$ 2.64		
6 T-O-D Power Supply Res Sec.	0 kW (1)	\$ 1.55 / kW-mo.	-	0 kW (1)	\$ 2.22 kW-mo.		
7 T-O-D Power Supply Res Pri.	0 kW (1)	\$ 1.55 / kW-mo.	-	0 kW (1)	\$ 2.22 kW-mo.		
8 T-O-D Power Supply Res Sub.	0 kW (1)	\$ 1.55 / kW-mo.	-	0 kW (1)	\$ 2.22 kW-mo.		
9 T-O-D Power Supply Dmd Sec.	0 kW (1)	\$ 0.62 / kW-day	-	0 kW (1)	\$ 0.88 kW-day		
0 T-O-D Power Supply Dmd Pri.	0 kW (1)	\$ 0.62 / kW-day	-	0 kW (1)	\$ 0.88 kW-day		
1 T-O-D Power Supply Dmd Sub.	0 kW (1)	\$ 0.62 / kW-day		0 kW (1)	\$ 0.88 kW-day		
2 Total	0 kW		-	0 kW			
3							
4							
5 (1) Not included in Total.							
6							
7							

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Supporting Schedules:

Continued on Page 31

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 31 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Line Type of		esent Revenue Calculation			osed Revenue Calculation		Percent
No. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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	<u>\$ -</u>	-	
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

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 32 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Line Type of		resent Revenue Calculation			oosed Revenue Calculation		Percent
No. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	Increase
1 Continued from Page 15							
2							
3 Emergency Relay Charge - Supplemental and	nd 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 - Supplementa	al 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%		\$	-2.0%		
21 Total	0 \$			0 \$			0.0
22							
23							
24							
25 Total Base Revenue:			\$ -			<u>\$</u> -	0.0
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							

Supporting Schedules:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 33 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
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		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Line Type of	Pre	esent Revenue	Calculation		Prop	osed Re	evenue Calculation		Percent
No. Charges	Units	Charge/U	nit	\$ Revenue	Units	Chi	arge/Unit	\$ Revenue	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	<u> </u>	
5 Total	0 Bills				0 Total Day	s			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	10.0)9		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	\$ 4.0	07 kW	-	0 kW	\$	15.00		
19 T-O-D Billing - Primary	0 kW	\$ 4.0	07 kW	-	0 kW	\$	4.79 kW		
20 T-O-D Peak - Primary	0 kW (1)	\$ 4.0	07 kW	-	0 kW (1)	\$	9.81 kW		
21 Demand Charge - Standby:									
22 Standard									
23 Std.Facilities Reservation - Pri.	0 kW	\$ 1.3	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)	\$ 0.4	48	-	0 kW (1)	\$	0.88		
26 T-O-D Facilities Reservation - Pri.	0 kW	\$ 1.3	39 kW	-	0 kW	\$	1.93 kW	-	
27 T-O-D Bulk Trans. Res Pri.	0 kW (1)	\$ 1.3	20 kW-mo.	-	0 kW (1)	\$	2.22 kW-mo.		
28 T-O-D Bulk Trans. Dmd Pri.	0 kW (1)	\$ 0.4	48 kW-day		0 kW (1)	\$	0.88 kW-day		
29 Total	0 kW			-	0 kW			-	0.0
30									
31									
32									

- 32
- 33

34 Note: Basic Service Charge under proposed rates reflects proposed daily charge.

35 (1) Not included in Total.

36

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Supporting Schedules:

Continued on Page 34

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 34 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
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		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

ine Type of		sent Revenue Calculation			osed Revenue Calculation		Percent
lo. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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			(
7							
8 Power Factor Credit Supplemental & Standby:							
9 Standard	0 MVARh	(1.01)	-	0 MVARh	\$ (1.01)	-	
0 T-O-D Primary	0 MVARh	\$ (1.01)	-	0 MVARh	\$ (1.01)		
11 Total	0 MVARh		-	0 MVARh		-	(
2							
13 Emergency Relay Charge - Supp.							
14 Standard	0 kW	\$ 1.62	-	0 kW	\$ 0.72	-	
5 T-O-D Primary	0 kW	\$ 1.62	-	0 kW	\$ 0.72	-	
6 Total	0 kW		-	0 kW		-	
7							
8 Delivery Voltage Credit - Supplemental.:							
19 Standard	0 kW	\$-	-	0 kW	\$-	-	
0 T-O-D Primary	0 kW	\$ -	-	0 kW	\$ -	-	
21 Delivery Voltage Credit Standby.:							
2 Standard	0 kW	\$-	-				
3 T-O-D Primary	0 kW	\$ -	-	0 kW	\$-	-	
4 Total	0 kW		-	0 kW		-	(
5							
6 Metering Voltage Adjustment - Supplemental and Stanby .:							
27 Standard	0	0.0%		0	0.0%		
8 T-O-D Primary	0 \$	0.0%	-	0 \$	0.0%	-	
29 Total	0 \$			0 \$	0.0%		
30							
1							
32							
3 Total Base Revenue:			\$ -			\$ -	
34							
35							
36							
87							
38							
39							

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 35 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
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		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Line Type of	Pre	sent Rev	/enue Calcu	ulation				Proposed	Reven	e Calculation		Percent
No. Charges	Units	Cha	arge/Unit		\$ Revenue	Units			Charge/	Jnit	\$ Revenue	Increase
1												
2 Basic Service Charge:												
3 Standard	0 Bills	\$	2,404.93		0	0	Day	/s §	5 10	3.72	-	
4 T-O-D Subtransmission	38 Bills	\$	2,404.93		90,281	1142	Day	/s §	5 10	3.72	118,426	
5 Total	38 Bills				90,281	1142	Tota	al Days			118,426	31.
6												
7 Energy Charge - Supplemental:												
8 Standard	0 MWH	\$	25.13		0	0	MW	/н s	6 2	0.30	-	
9 T-O-D On-Peak - Subtrans.	21,686 MWH	\$	25.13		544,969	21,686	MW	/н s	6 3	5.88	799,780	
10 T-O-D Off-Peak - Subtrans.	69,471 MWH	\$	25.13		1,745,806	69,471	MW	/н s	6 1	1.99	1,041,073	
11 Energy Charge - Standby:												
12 Standard	0 MWH	\$	10.09		0	0	MW	/н s	6	9.92	-	
13 T-O-D On-Peak - Subtrans.	70,125 MWH	\$	10.09		707,561	70,125	MW	/н (5	9.92	695,838	
14 T-O-D Off-Peak - Subtrans.	233,815 MWH	\$	10.09		2,359,193	233,815	MW	/н :	5	9.92	2,320,104	
15 Total	395,097 MWH				5,357,530	303,940	MW	/H			4,856,794	-9.
16												
17 Demand Charge - Supplemental:												
18 Standard	0 kW	\$	4.07		0	0	kW	5	5 1	3.00 kW	-	
19 T-O-D Billing - Subtrans.	146,908 kW	\$	4.07	kW	597,916	146,908	kW	5	5	5.11 kW	751,222	
20 T-O-D Peak - Subtrans.	0 kW (1)			kW	0	0	kW	(1) 5	5 1	0.46 kW	-	
21 Demand Charge - Standby:												
22 Standard												
23 Std. Facilities Res Subtrans.	0 kW	\$	1.39	kW	0	0	kW	5	3	-	-	
24 Std. Bulk Trans. Res Subtrans.	0 kW (1)	\$	1.20	kW-mo.	0	0	kW	(1) \$	3	2.22	-	
25 Std. Bulk Trans Dmd Subtrans.	0 kW (1)	\$	0.48	kW-day	0	0	kW	(1) \$	3	0.88	-	
26 T-O-D Facilities Res Subtrans.	2,135,160 kW	\$	1.39	kW	2,967,873	2,135,160	kW	5	5	- kW	-	
27 T-O-D Bulk Trans. Res Subtrans.	325,001 kW (1)	\$		kW-mo.	390,001	325,001				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) \$	6	0.88 kW-day	8,644,404	
29 Total	2,282,068 kW				8,675,997	2,282,068	kW				10,115,572	16.
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.

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Supporting Schedules:

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SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 36 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
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		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Line Type of	Pre		venue Calculation		Prop		evenue Calculation		Percent
No. Charges	Units	Ch	arge/Unit	\$ Revenue	Units	Ch	arge/Unit	\$ Revenue	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)	2,135,160kW	\$	-		
24 Total	2,282,068 kW			(893,430)	2,282,068 kW				-100.0
25									
26 Metering Voltage Adjustment - Supplemental and St	tanby.:								
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:

SCHEDULE E-13c		BASE REVENUE BY RATE SCHEDULE - CALCULATIONS	Page 37 of 37
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be	Type of data shown:
		transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are	XX Projected Test year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY		used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing	Projected Prior Year Ended 12/31/2021
		units must equal those shown in Schedule E-15.	Historical Prior Year Ended 12/31/2020
		PROVIDE TOTAL NUMBER OF BILLS, MWH'S, AND BILLING KW FOR EACH RATE SCHEDULE (INCLUDING STANDARD	Witness: W. R. Ashburn
DOCKET No. 20210034 EI		AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.	

Rate Schedule LS-1,LS-2

ne Type of	Pr	esent Revenue Calculation		Propo	osed Revenue Calculation		Percent
o. Charges	Units	Charge/Unit	\$ Revenue	Units	Charge/Unit	\$ Revenue	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							
7							
18							
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33 Note: Basic Service Charge under proposed rate	es reflects proposed daily charge.						
34							
35							
36							
37							
38							

39 Supporting Schedules:

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FLORIDA PUBLIC SERVICE COMMISSION			EXPLANATION: 0	Calculate reven	nues under present and	d proposed rates for	r the test	year for each	lighting schedul	e. Show revenues			Type of da	ita shown:		
			fi	rom charges fo	or all types of lighting fi	xtures, poles and c	onductors	s. Poles shou	ld be listed sepa	arately from fixtures.			<u>xx</u>	Projected Test ye	ar Ended 12/31/202	22
COMPANY: TAMPA ELECTRIC COMPANY			s	Show separate	ly revenues from custo	mers who own facil	lities and	those who do	not. Annual KV	VH's must agree				Projected Prior Y	ear Ended 12/31/202	21
			v	vith the data pr	rovided in Schedule E-	15.								Historical Prior Y	ear Ended 12/31/202	20
DOCKET No. 20210034-EI														Witness: W.R.	Ashburn	
						LIGHTING	S SCHED	ULE LS-1								
								Prese	ent Rates				Propose	d Rates		
			Annual	Est.		Monthly	y P	Monthly	Combined		M	lonthly	Monthly	Combined		
Line	Type of		Billing	Monthly	Annual	Facility		intenance	Monthly	Total		acility	Maintenance	Monthly	Total	Percent
No.	Facility		Items	kWh	kWh	Charge	e (Charge	Charge	Revenue	C	harge	Charge	Charge	Revenue	Increase
	e 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		20 \$	2.11		125,990	\$			\$ 5.63 \$	133,558	6.0%
4 Cobra/Nema (closed) 803		100 W	76,538	44	3,367,683	\$ 3.0	63 \$	2.33		456,168	\$		\$ 2.33	\$ 6.32 \$	483,859	6.1%
5 Cobra (closed) 804		150 W	24,552	66	1,620,432		18 \$	2.02		152,222	\$		\$ 2.02	\$ 6.62 \$	162,451	6.7%
6 Cobra (closed) 805		250 W	19,098	105	2,005,290		87 \$	2.60 \$		142,662	\$			\$ 7.96 \$	151,932	6.5%
7 Cobra (closed) 806		400 W	7,182	163	1,170,666		09 \$	2.99		58,031	\$		\$ 2.99	\$ 8.59 \$	61,674	6.3%
8 Flood (closed) 468		250 W	2,240	105	235,200		37 \$	2.60 \$		17,853	\$			\$ 8.51 \$	19,052	6.7%
9 Flood (closed) 478		400 W	3,076	163	501,388		71 \$	3.00 \$		26,792	\$		\$ 3.00	\$ 9.28 \$	28,543	6.5%
10 Mongoose (closed) 809		400 W	272	163	44,336		50 \$	3.02 \$		2,589	\$		• ••••	\$ 10.17 \$	2,766	6.8%
11 Post Top (PT) (closed) 509		50 W	0	20	0		98 \$	2.48		0	\$		\$ 2.48	\$ 6.46 \$	-	0.0%
12 Classic (PT) (closed) 570		100 W	6,764	44	297,616	\$ 11.8		1.89 \$		92,937	\$		\$ 1.89	\$ 14.92 \$	100,926	8.6%
13 Coach (PT) (closed) 810		70 W	5,400	29	156,600		71 \$	2.11		36,828	\$	5.18	\$ 2.11	\$ 7.29 \$	39,363	6.9%
14 Colonial (PT) (closed) 572		100 W	0	44	0		75 \$	1.89 \$		0	\$		•	\$ 13.64 \$	-	0.0%
15 Salem (PT) (closed) 573		100 W	14,348	44 44	631,312		03 \$	1.89		156,680	\$		\$ 1.89	\$ 11.82 \$	169,593	8.29
16 Shoebox (closed) 550		100 W	2,730		120,120		01 \$	1.89		27,027	\$		• 1.00	\$ 10.70 \$	29,206	8.1%
17 Shoebox (closed) 566		250 W 400 W	1,116	106 163	118,296		69 \$	3.18 5		13,247	s		• • • • • •	\$ 12.74 \$	14,214	7.39
18 Shoebox (closed) 552		400 W	U	163	0	\$ 9.5	52 \$	2.44	\$ 11.96	0 1,392,189	\$	9.52	\$ 2.44	\$ 11.96 \$	-	0.0%
19 Subtotal this section 20										1,392,189					1,484,942	
20 21																
21 22 Metal Halide - Dusk-to-Dawn Service																
23 Cobra (closed) 704	35	50 W		138	0	\$ 7.5	53 \$	4.99	§ 12.52 \$		\$	8.28	\$ 4.99	\$ 13.27 \$		0.0%
24 Cobra (closed) 520		00 W	326	159	51,834		03 \$	4.01 \$			s			\$ 10.64 \$	3,469	6.09
25 Flood (closed)		50 W	0	138	0		55 \$	5.04			s			\$ 14.44 \$	-	0.09
26 Flood (closed) 556		00 W	1,998	159	317.682		36 S	4.02 \$			s			\$ 13.21 \$	26,400	6.7%
27 Flood (closed)		000 W	0	383	011,002		50 \$	8.17			\$			\$ 19.72 \$	-	0.09
28 General (PT) (closed)		50 W	0	67	0		60 \$	3.92			s			\$ 15.58 \$		0.09
29 General (PT) (closed) 574		75 W	1,943	74	143,782		89 \$	3.73		28,406.66	s	11.98	\$ 3.73	\$ 15.71 \$	30,516	7.49
30 Salem (PT) (closed) 700		50 W	297	67	19,899	\$ 9.3	33 \$	3.92		.,	s			\$ 14.18 \$	4,211	7.09
31 Salem (PT) (closed) 575		75 W	2,529	74	187,146	\$ 9.3	38 \$	3.74			\$			\$ 14.05 \$	35,545	7.19
32 Shoebox (closed)		50 W	0	67	0		22 \$	3.92			\$		\$ 3.92	\$ 11.86 \$	-	0.0%
33 Shoebox (closed)	17	75 W	0	74	0	\$ 7.9	95 \$	3.70	\$ 11.65 \$	-	\$	8.74	\$ 3.70	\$ 12.44 \$		0.0%
34 Shoebox (closed) 703	35	50 W	69	138	9,522	\$ 9.5	55 \$	4.93	\$ 14.48 \$	999.12	\$	10.50	\$ 4.93	\$ 15.43 \$	1,065	0.0%
35 Shoebox (closed) 554	40	00 W	2,775	159	441,225	\$ 10.0	02 \$	3.97	\$ 13.99 \$	38,822.25	\$	11.02	\$ 3.97	\$ 14.99 \$	41,594	7.19
36 Shoebox (closed)	10	000 W	0	383	0	\$ 16.5	50 \$	8.17	\$ 24.67 \$	-	\$	18.14	\$ 8.17	\$ 26.31 \$		0.09
37 Subtotal this section									\$	133,352				\$	142,799	
38																
39																

REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION

Supporting Schedules:

SCHEDULE E-13d

Recap Schedules: E-13a

Page 1 of 6

LORIDA PUBLIC SERVICE COMMISSION		EXPLANATIO	N: Calculate reve	enues under present and	proposed rates for the	test year for ear	ch lighting schedule	Show revenues		Type of	data shown:		
			from charges	for all types of lighting fi	xtures, poles and cond	uctors. Poles sh	ould be listed separ	ately from fixtures.		×	X Projected Test ye	ar Ended 12/31/202	22
OMPANY: TAMPA ELECTRIC COMPANY			Show separat	ely revenues from custo	mers who own facilities	and those who	do not. Annual KW	H's must agree				ear Ended 12/31/202	
				provided in Schedule E-								ear Ended 12/31/202	
OCKET No. 20210034-EI										-	Witness: W.R.		
						LIGHTING	SCHEDULE LS-1			LIGHTING S	CHEDULE LS-1		
							esent Rates				osed Rates		
		Annual	Est.		Monthly	Monthly	Combined	\$	Monti			\$	
ine Type of		Billing	Monthly	Annual	Facility	Maintenance	Monthly	Total	Facili			Total	Percent
lo. Facility		Items	kWh	kWh	Charge	Charge	Charge	Revenue	Char		Charge	Revenue	Increas
1 Continued from Page 1					0	e							
2 High Pressure Sodium - Timed Service													
3 Cobra (closed)	50 W		0 10	0	\$ 3.16	\$ 2.48	\$ 5.64 \$		s	3.47 \$ 2.4	8 \$ 5.95 \$		(
4 Cobra/Nema (closed) 862	70 W		0 10	0	\$ 3.20			-	s	3.52 \$ 2.1			
5 Cobra/Nema (closed) 863	100 W		0 14	0	\$ 3.63			-	s	3.99 \$ 2.3			
6 Cobra (closed) 864	150 W		33	0	\$ 3.03			-	s	4.60 \$ 2.0			
	250 W	-	0 52	-		\$ 2.02 \$ 2.60		-	s	4.00 \$ 2.0. 5.36 \$ 2.6			
7 Cobra (closed) 8 Cobra (closed) 866	250 W 400 W		U 52 81	-	\$ 4.87 \$ 5.09		• • • • •	-	s	5.36 \$ 2.6			
		-		-				-	s	5.60 \$ 2.9			
9 Flood (closed) 10 Flood (closed) 484	250 W 400 W		0 52 0 81	0	\$ 5.37 \$ 5.71	\$ 2.60 \$ 3.00		-	s	5.91 \$ 2.6 6.28 \$ 3.0			
	400 W		U 81 9 81	4.779	\$ 5.71			- 562	\$	6.28 \$ 3.0 7 15 \$ 3.0			
• • •				4,779		• •••=		562	s				
12 Post Top (PT) (closed)	50 W			-				-		3.98 \$ 2.4			
13 Classic (PT) (closed) 530	100 W		0 22	0	\$ 11.85			-	\$	13.03 \$ 1.8			
14 Coach (PT) (closed)	70 W		0 14	0	\$ 4.71			-	\$	5.18 \$ 2.1			
15 Colonial (PT) (closed)	100 W		0 22	0	\$ 11.75	•		-	\$	11.75 \$ 1.8			
16 Salem (PT) (closed) 533	100 W		0 22	0		\$ 1.89		-	\$	9.93 \$ 1.8			
17 Shoebox (closed)	100 W		0 22	0	\$ 8.01			-	\$	8.81 \$ 1.8			
18 Shoebox (closed)	250 W		0 52	0	• ••••	\$ 3.18		-	\$	9.56 \$ 3.1			
19 Shoebox (closed)	400 W		0 81	0	\$ 9.52	\$ 2.44		-	\$	9.52 \$ 2.4	4 \$ 11.96 \$		
20 Subtotal this section							\$	562			\$	600	
21													
22 Metal Halide - Timed Service													
23 Cobra (closed)	350 W		0 69	0	•	\$ 4.99	• •	-	\$	8.28 \$ 4.9			
24 Cobra (closed)	400 W		0 79	0	\$ 6.03			-	\$	6.63 \$ 4.0			
25 Flood (closed)	350 W		0 69	0	\$ 8.55	\$ 5.04		-	\$	9.40 \$ 5.0			
26 Flood (closed)	400 W		0 79	0	\$ 8.36			-	\$	9.19 \$ 4.0			
27 Flood (closed) 578	1000 W		7 191	1,337	\$ 10.50	• • • • •		131	\$	11.55 \$ 8.1			
28 General (PT) (closed)	150 W		0 34	0	\$ 10.60	\$ 3.92	\$ 14.52 \$	-	\$	11.66 \$ 3.9	2 \$ 15.58 \$	-	
29 General (PT) (closed) 548	175 W	8	4 37	3,108	\$ 10.89	\$ 3.73	\$ 14.62 \$	1,228	\$	11.98 \$ 3.7	3 \$ 15.71 \$	1,319.25	
30 Salem (PT) (closed)	150 W		0 34	0	\$ 9.33			-	\$	10.26 \$ 3.9			
31 Salem (PT) (closed)	175 W		0 37	0	\$ 9.38			-	\$	10.31 \$ 3.74			
32 Shoebox (closed)	150 W		0 34	0	\$ 7.22			-	\$	7.94 \$ 3.9			
33 Shoebox (closed)	175 W		0 37	0	\$ 7.95	\$ 3.70	\$ 11.65 \$	-	\$	8.74 \$ 3.7	0 \$ 12.44 \$	-	
34 Shoebox (closed)	350 W		0 69	0	\$ 9.55	\$ 4.93	\$ 14.48 \$	-	\$	10.50 \$ 4.9	3 \$ 15.43 \$	-	
35 Shoebox (closed)	400 W		0 79	0	\$ 10.02	\$ 3.97	\$ 13.99 \$		\$	11.02 \$ 3.9	7 \$ 14.99 \$	-	
36 Shoebox (closed)	1000 W		0 191	0	\$ 16.50	\$ 8.17	\$ 24.67 \$	-	\$	18.14 \$ 8.1	7 \$ 26.31 \$	-	
37 Subtotal this section								1,359				1,457	
38													
39													

Supporting Schedules:

LORIDA PUBLIC SERVICE COMMISSION		EXPLANATION: (Calculate rever	ues under present and	proposed rates for the	test year for eac	h lighting schedule.	Show revenues			Type of d	lata shown:		
				or all types of lighting fix									ear Ended 12/31/2023	22
OMPANY: TAMPA ELECTRIC COMPANY				ly revenues from custor									ear Ended 12/31/202	
				rovided in Schedule E-1									ear Ended 12/31/2020	
OCKET No. 20210034-EI					-						_	Witness: W.R.A		-
						Pre	sent Rates				LIGHTING SC	HEDULE LS-1		
							isent Rates					ed Rates		
		Annual	Est.		Monthly	Monthly	Combined	s		Monthly	Monthly	Combined	s	
ine Type of		Billing	Monthly	Annual	Facility	Maintenance	Monthly	3 Total		Facility	Maintenance		ə Total	Percent
o. Facility		Items	kWh	kWh	Charge	Charge	Charge	Revenue		Charge	Charge	Charge	Revenue	Increase
1 Continued from Page 2		items	NYVII	NVII	Charge	Charge	Charge	Revenue		Ghaige	Charge	Charge	Revenue	Increas
2 Closed LED - Dusk-to-Dawn Service 3 Roadway (closed) 828					7.27			107 110						
	56 W	20,801	20	416,018	11.15	1.74		187,416	\$	7.99	\$ 1.74		202,488	
4 Roadway (closed) 820	103 W	29,469	36	1,060,875		1.19		363,644	\$	12.26		\$ 13.45 \$		
5 Roadway (closed) 821	106 W	351	37	12,978	11.15	1.20		4,332	\$	12.26		\$ 13.46 \$.,.==	
6 Roadway (closed) 829	157 W	5,304	55	291,725	11.10	2.26		70,863	\$	12.21		\$ 14.47 \$		
7 Roadway (closed) 822	196 W	300	69	20,698	14.58	1.26		4,751	\$	16.03				
8 Roadway (closed) 823	206 W	25,724	72	1,852,108	16.80	1.38		467,657	\$	18.47				
g Post Top (PT) (closed) 835	60 W	8,244	21	173,123	16.53	2.28	• •••• •	155,069	\$	18.18	•	\$ 20.46 \$,	
10 Post Top (PT) (closed) 824	67 W	39,795	24	955,091	19.67	1.54		844,061	\$	21.63	\$ 1.54	\$ 23.17 \$	922,079	
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	
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	
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	
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	
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	
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	
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	
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	
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	
20 Subtotal this section								4,507,107					4,914,739	
21 Closed LED - Timed Service									\$					
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	
23 Roadway (closed)	103 W	0	18	0	\$ 11.15	\$ 1.19	\$ 12.34 \$		\$	11.15	\$ 1.19	\$ 12.34 \$	-	
24 Roadway (closed) 841	106 W	48	19	912	\$ 11.15	\$ 1.20	\$ 12.35 \$	593	\$	12.26	\$ 1.20	\$ 13.46 \$	646	
25 Roadway (closed)	157 W	0	27	0	\$ 11.10	\$ 2.26	\$ 13.36 \$		\$	11.10	\$ 2.26	\$ 13.36 \$	-	
26 Roadway (closed)	196 W	0	34	0	\$ 14.58				s	14.58		\$ 15.84 \$	-	
27 Roadway (closed)	206 W	0	36	0	\$ 16.80				÷ s	16.80		\$ 1818 \$	-	
28 Post Top (PT) (closed)	60 W	0	11	0	\$ 16.53		\$ 18.81 \$		s	16.53		\$ 18.81 \$		
29 Post Top (PT) (closed) 844	67 W	48	12	576	\$ 19.67			1,018	s	21.63				
30 Post Top (PT) (closed)	99 W	48	12	0	\$ 20.51			.,010	s					
31 Post Top (PT) (closed)	100 W	0	18	0	\$ 16.70			-	s	16.70				
32 Area-Lighter (closed)	152 W	0	27	0	\$ 16.70			-	s	14.85		\$ 17.36 \$		
32 Area-Lighter (closed) 33 Area-Lighter (closed) 846	202 W	156	35	5,460	\$ 14.65 \$ 19.10			3,200	s	21.00				
Area-Lighter (closed) 847		264						3,200						
	309 W		54	14,256	\$ 20.60			5,848	s	22.65				
	238 W	0	42	0	\$ 15.90		• ••••• •	-	\$	15.90	• • • • •	\$ 19.35 \$		
	359 W	0	63	0	\$ 19.16			-	\$	19.16				
				0	\$ 14.71	\$ 3.04	\$ 17.75 \$		\$	14.71	\$ 3.04	\$ 17.75 \$		
37 Mongoose (closed)	245 W	0	43											
	245 W 328 W	0	43	0	\$ 14.71 \$ 16.31		\$ 17.75 \$ \$19.91 \$ \$	12,172	\$	16.31			-	

Supporting Schedules:

COMPANY: TAMPA ELECTRIC COMPANY DOCKET No. 20210034-EI Line Type of Pacility 1 Continued from Page 3 Pacility 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 2 7 W 4 Roadway 914 4 7 W 5 Roadway 926 105 W 7 Roadway 205 105 W 8 Roadway 926 105 W 9 Roadway 937 145 W 10 Roadway 937 145 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 255 W 16 Mongoose 958 333 W 17 Granville (PT) 965 26 W 18 Granville (PT) 971 39 W 20 Salem (PT) 971 56 W 22 Granville (PT) Enh 972 ENH aka 973 60 W 23 Salem (PT) 975 76 W	Annual Biling Items 170.071 1,016.905 25,119 158.412 25,788 777 197.882 174.612 46.458 27,524 38,772 15,546	from charges Show separat with the data ; Est. Monthly kWh 9 16 31 31 37 47 50 51	nues under present an for all types of lighting f ely revenues from cusic roxided in Schedule E- Annual kWh 1.530,636 16,270,472 778,677 5,861259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796 2,714,019	ktures, poles and con mers who own facilitä LIGHTING SCHEDU Present Rate Monthly Facility Charge \$ 4.83 \$ 5.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.617 \$ 11.81 \$ 11.81 \$ 11.81 \$ 11.81 \$ 20.13	ductors. es and the JLE LS- is M Mair C C S S S S S S S S S S S S S S S S S	Poles should nose who do no	be listed separation tot. Annual KWH Combined Monthly Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	tely from fixtures.		6.61 9.89 7.43 15.10 12.90	Monthly Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.8	Projected Test ye Projected Prior Yi Historical Prior Yo Witness: W. R. / Combined Monthly Charge \$ 7.15 \$ \$ 8.35 \$	ar Ended 12/31/202 ear Ended 12/31/202 ear Ended 12/31/202 sathburn \$ Total Revenue 1,215,393 8,480,086 292,230 1,365,631 424,997	21
Ine Type of Pacility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 913 47 W 5 Roadway 914 47 W 6 Roadway 926 105 W 7 Roadway 926 105 W 8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 947 330 W 13 Flood 951 199 W 14 Flood 951 255 W 15 Mongoose 956 225 W 16 Mongoose 956 33 W 17 Granville (PT) 967 39 W 18 Granville (PT) 967 ENH aka 968 39 W 19 Granville (PT) 971 56 W 20 Salem (PT) 971 56 W 21 Granville (PT) 972 60 W	Billing Items 170.071 1,016.905 25.119 158.412 25.788 777 197.882 174.612 46.458 27.524 38.772 15,497	Show separat with the data p Est. Monthly kWh 9 16 31 37 47 50 51 64 86 64 16 116 70	ely revenues from custs provided in Schedule E- Annual kWh 1,530,636 16,270,472 778,677 5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	xmers who own faciliti 15. LIGHTING SCHEDL Monthly Facility Charge S 4.83 S 5.97 S 6.83 S 14.15 S 11.74 S 8.61 S 11.81 S 16.07 S 20.13	es and th JLE LS-1 is M Mair C C S S S S S S S S S S S S S S S S S	nose who do n n nonthly C tenance harge 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.17 \$ 1.17 \$ 1.17 \$ 1.17 \$ 1.26 \$ 2.26 \$ 2.51 \$	Combined KWH Combined Monthly Charge 10.71 \$ 10.72 \$ 8.02 \$ 15.53 \$ 13.15 \$	Ts must agree \$ Total Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 1,0,218	\$ \$ \$ \$ \$ \$ \$ \$	Monthly Facility Charge 5.41 6.61 9.89 7.43 15.10 12.90	Monthly Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.8	Projected Prior Y Historical Prior Y Wilness: W. R. / Weitness: W. R. / Combined Monthly Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.862 \$	ar Ended 12/31/202 ear Ended 12/31/202 sahburn \$ Total Revenue 1.215.393 8,486,086 292,230 1,365,631	21 20 Percent Increase
OCKET No. 20210034-EI ne Type of Pacility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 914 4 Roadway 914 5 Roadway 914 4 Roadway 926 7 Roadway 404 8 Readway 404 9 Roadway 404 9 Roadway 404 10 Roadway 404 10 Roadway 937 14 Road 10 Roadway 941 12 Area-Lighter 945 13 Flood 551 14 Flood 953 15 Mongoose 956 15 Mongoose 956 16 Mongoose 956 17 Granville (PT) 967 18 Granville (PT) 567 19 Granville (PT) 971 10 Salw 12 Granville (PT) 971	Billing Items 170.071 1,016.905 25.119 158.412 25.788 777 197.882 174.612 46.458 27.524 38.772 15,497	with the data y Est. Monthly kWh 9 16 37 47 50 51 64 86 64 116 116 70	Annual kWh 1,530,636 16,270,472 778,677 5,861,259 1,212,045 38,650 10,091,962 11,175,194 3,965,397 3,192,796	15. LIGHTING SCHEDU Present Rate Monthly Facility Charge S 4.83 S 5.97 S 8.97 S 8.97 S 8.97 S 6.83 S 11.74 S 11.74 S 11.81 S 11.67 S 10.07 S 20.13	JLE LS-1 is Mair C S S S S S S S S S S S S S S	1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	Combined Monthly Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	\$ Total Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 1,0,218	\$ \$ \$ \$ \$ \$ \$ \$	Monthly Facility Charge 5.41 6.61 9.89 7.43 15.10 12.90	Monthly Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	Historical Prior Y4 Witness: W. R. / Combined Monthly Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	ar Ended 12/31/202 Ashburn \$ Total Revenue 1,215,393 8,486,086 292,230 1,365,631	Percent Increase 8 8
Ine Type of Facility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 914 47 W 5 Roadway 914 47 W 6 Roadway 926 105 W 7 Roadway/Area 932 133 W 8 Area-Lighter 935 143 W 9 Roadway 927 145 W 10 Roadway 937 145 W 12 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Flood 951 199 W 14 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Roanville (PT) 967 39 W 19 Granville (PT) 967 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 971 55 W 20 Salem (PT) 971 55 W 20 Granville	Billing Items 170.071 1,016.905 25.119 158.412 25.788 777 197.882 174.612 46.458 27.524 38.772 15,497	Est. Monthly kWh 9 16 31 31 31 37 47 50 51 64 86 64 86 61 16 70	Annual kWh 1.530,636 16,270,472 778,677 5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	LIGHTING SCHEDU Present Rate Monthly Facility Charge \$ 4.83 \$ 5.97 \$ 8.87 \$ 8.87 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 2.0.13	IS Mair Mair S S S S S S S S S S S S S S S	nonthly C tenance harge 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	Monthly Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	Total Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 10,218	\$ \$ \$ \$ \$ \$ \$ \$	Monthly Facility Charge 5.41 6.61 9.89 7.43 15.10 12.90	Monthly Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	Witness: W. R. / Combined Monthly Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	\$ Total Revenue 1.215,393 8,486,086 292,230 1,365,631	Perceni Increase 8
Ine Type of Facility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 914 47 W 5 Roadway 914 47 W 6 Roadway 404 47 W 7 Roadway 404 47 W 8 Roadway 202 105 W 7 Roadway 404 33 W 9 Roadway 4037 145 W 10 Roadway 921 82 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granville (PT) 967 39 W 19 Granville (PT) 967 PM aka 968 39 W 20 Salem (PT) 971 55 W 20 Salem 55 W 20 Salem (PT) 971	Billing Items 170.071 1,016.905 25.119 158.412 25.788 777 197.882 174.612 46.458 27.524 38.772 15,497	Monthly kWh 9 16 31 37 47 50 51 64 86 116 116 70	Annual kWh 1.530,636 16,270,472 778,677 5,861,259 1.212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	S 4.83 S 4.83 S 5.97 S 6.83 S 14.15 S 11.74 S 8.61 S 11.81 S 11.81 S 20.13	IS Mair Mair S S S S S S S S S S S S S S S	nonthly C tenance harge 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	Monthly Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	Total Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 10,218	\$ \$ \$ \$ \$ \$ \$ \$	Monthly Facility Charge 5.41 6.61 9.89 7.43 15.10 12.90	Monthly Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.79 \$ 1.38	Combined Monthly Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	\$ Total Revenue 1,215,393 8,486,086 292,230 1,365,631	Increase 8 8
Facility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 914 47 W 5 Roadway 914 47 W 6 Roadway 926 106 W 7 Roadway 926 133 W 8 Area-Lighter 935 143 W 9 Roadway 927 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Food 951 198 W 14 Food 953 255 W 15 Mongoose 956 255 W 16 Mongoose 958 333 W 17 Granville (PT) 967 ENH aka 968 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 971 56 W 20 Salem (PT) 972 ENH aka 93 60 W	Billing Items 170.071 1,016.905 25.119 158.412 25.788 777 197.882 174.612 46.458 27.524 38.772 15,497	Monthly kWh 9 16 31 37 47 50 51 64 86 116 116 70	Annual kWh 1.530,636 16,270,472 778,677 5,861,259 1.212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	S 4.83 S 4.83 S 5.97 S 6.83 S 14.15 S 11.74 S 8.61 S 11.81 S 11.81 S 20.13	IS Mair Mair S S S S S S S S S S S S S S S	nonthly C tenance harge 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	Monthly Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	Total Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 10,218	\$ \$ \$ \$ \$ \$ \$ \$	Monthly Facility Charge 5.41 6.61 9.89 7.43 15.10 12.90	Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	Monthly Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	Total Revenue 1,215,393 8,486,086 292,230 1,365,631	Increase 8 8
Facility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 912 27 W 5 Roadway 914 47 W 5 Roadway 914 47 W 5 Roadway 926 106 W 6 Roadway 926 133 W 8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Food 951 265 W 14 Flood 953 225 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granwille (PT) 967 ENH aka 968 39 W 19 Granwille (PT) 971 55 W 20 Salem (PT) 971 56 W 20 Salem (PT) 972 ENH aka 973 60 W	Billing Items 170.071 1,016.905 25.119 158.412 25.788 777 197.882 174.612 46.458 27.524 38.772 15,497	Monthly kWh 9 16 31 37 47 50 51 64 86 116 116 70	1.530,636 16,270,472 778,677 5.861,259 1.212,045 38,850 10,091,962 11,175,184 3,995,397 3,192,796	Monthly Facility Charge \$ 4.83 \$ 5.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.74 \$ 11.74\$\$ 11.74\$\$ 11.74\$\$ 11.74\$\$ 11.74\$\$ 11.74\$\$ 11.74\$\$ 11.74\$\$ 11.74\$\$ 11.75\$\$ 11.75\$\$ 11.75\$\$ 11.75\$\$ 11.75\$\$ 11.75\$\$ 11.75\$\$ 11.75\$\$\$	M Mair S S S S S S S S	1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	Monthly Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	Total Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 10,218	\$ \$ \$ \$ \$ \$ \$ \$	Monthly Facility Charge 5.41 6.61 9.89 7.43 15.10 12.90	Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	Monthly Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	Total Revenue 1,215,393 8,486,086 292,230 1,365,631	Increase 8 8
Facility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 912 27 W 5 Roadway 914 47 W 5 Roadway 914 47 W 5 Roadway 926 106 W 6 Roadway 926 133 W 8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Food 951 265 W 14 Flood 953 225 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granwille (PT) 967 ENH aka 968 39 W 19 Granwille (PT) 971 55 W 20 Salem (PT) 971 56 W 20 Salem (PT) 972 ENH aka 973 60 W	Billing Items 170.071 1,016.905 25.119 158.412 25.788 777 197.882 174.612 46.458 27.524 38.772 15,497	Monthly kWh 9 16 31 37 47 50 51 64 86 116 116 70	1.530,636 16,270,472 778,677 5.861,259 1.212,045 38,850 10,091,962 11,175,184 3,995,397 3,192,796	Facility Charge \$ 4.83 \$ 597 \$ 8.87 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 11.81 \$ 16.07 \$ 20.13	Mair C S S S S S S S S S	1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	Monthly Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	Total Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 10,218	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Facility Charge 5.41 6.61 9.89 7.43 15.10 12.90	Maintenance Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	Monthly Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	Total Revenue 1,215,393 8,486,086 292,230 1,365,631	Increas
Facility 1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 912 27 W 4 Roadway 912 27 W 5 Roadway 912 27 W 6 Roadway 912 27 W 6 Roadway 926 105 W 7 Roadway 47ee 932 133 W 8 Area-Lighter 935 143 W 9 Roadway 927 145 W 10 Roadway 937 145 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Flood 953 255 W 14 Flood 953 255 W 15 Mongoose 956 255 W 16 Mongoose 958 33 W 17 Granville (PT) 967 ENH aka 968 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 971 56 W 20 Salem (PT) 972 ENH aka 973	Items 170.071 1,016.905 25,119 158,412 25,788 777 197,882 174,812 46,458 27,524 38,772 15,497	KWh 9 16 31 37 47 50 51 64 86 116 70	1.530,636 16,270,472 778,677 5.861,259 1.212,045 38,850 10,091,962 11,175,184 3,995,397 3,192,796	Charge \$ 4.83 \$ 5.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 861 \$ 11.84 \$ 11.84 \$ 16.07 \$ 20.13	S S S S S S S S S S S S	harge 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	Charge 6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	Revenue 1,117,364 7,840,334 269,020 1,270,467 400,491 10,218	S S S S S S	Charge 5.41 6.61 9.89 7.43 15.10 12.90	Charge \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	Charge \$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	Revenue 1,215,393 8,486,086 292,230 1,365,631	Increas
1 Continued from Page 3 2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 914 47 W 5 Roadway 914 47 W 5 Roadway 914 47 W 6 Roadway 426 105 W 7 Roadway 426 105 W 7 Roadway 426 133 W 8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 947 330 W 13 Flood 951 196 W 14 Flood 951 196 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granville (PT) 967 39 W 19 Granville (PT) 967 ENH aka 968 39 W 20 Satem (PT) 971 55 W 21 Granville (PT) 972 ENH aka 973 60 W	170.071 1.016.905 25.119 158.412 22.788 777 197.882 174.612 46.458 27.524 38.772 15.497	9 16 31 37 47 50 51 64 86 116 70	1,530,636 16,270,472 778,677 5,861,259 1,212,045 38,850 10,091,982 11,175,194 3,995,397 3,192,796	\$ 4.83 \$ 5.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.661 \$ 11.81 \$ 16.07 \$ 20.13	\$ \$ \$ \$ \$ \$ \$ \$	1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	6.57 \$ 7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	1,117,364 7,840,334 269,020 1,270,467 400,491 10,218	\$ \$ \$ \$ \$ \$	5.41 6.61 9.89 7.43 15.10 12.90	\$ 1.74 \$ 1.74 \$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	\$ 7.15 \$ \$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	1,215,393 8,486,086 292,230 1,365,631	
2 Open LED - Dusk-to-Dawn Service 3 Roadway 912 27 W 4 Roadway 914 47 W 5 Roadway 924 48 W 6 Roadway 426 105 W 7 Roadway 426 105 W 7 Roadway 426 135 W 8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 255 W 16 Mongoose 958 33 W 17 Granville (PT) 967 39 W 19 Granville (PT) 967 ENH aka 968 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 971 56 W 21 Granville (PT) 972 60 W 22 Granville (PT) EN 972 ENH aka 973 60 W </td <td>1,016,905 25,119 158,412 25,788 777 197,882 174,612 46,458 27,524 38,772 15,497</td> <td>16 31 37 47 50 51 64 86 116 70</td> <td>16,270,472 778,677 5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796</td> <td>\$ 5.97 \$ 8.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13</td> <td>\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$</td> <td>1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$</td> <td>7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$</td> <td>7,840,334 269,020 1,270,467 400,491 10,218</td> <td>s s s s</td> <td>6.61 9.89 7.43 15.10 12.90</td> <td>\$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38</td> <td>\$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$</td> <td>8,486,086 292,230 1,365,631</td> <td></td>	1,016,905 25,119 158,412 25,788 777 197,882 174,612 46,458 27,524 38,772 15,497	16 31 37 47 50 51 64 86 116 70	16,270,472 778,677 5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	\$ 5.97 \$ 8.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	7,840,334 269,020 1,270,467 400,491 10,218	s s s s	6.61 9.89 7.43 15.10 12.90	\$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	\$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	8,486,086 292,230 1,365,631	
3 Roadway 912 27 W 4 Roadway 914 47 W 5 Roadway 914 47 W 5 Roadway 920 105 W 6 Roadway Area 921 88 W 6 Roadway Area 932 103 W 9 Roadway Area 932 133 W 9 Roadway 937 148 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongcose 956 225 W 16 Mongcose 958 333 W 17 Granville (PT) 967 39 W 19 Granville (PT) 967 ENH aka 968 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) ENH aka 973 60 W	1,016,905 25,119 158,412 25,788 777 197,882 174,612 46,458 27,524 38,772 15,497	16 31 37 47 50 51 64 86 116 70	16,270,472 778,677 5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	\$ 5.97 \$ 8.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	7,840,334 269,020 1,270,467 400,491 10,218	s s s s	6.61 9.89 7.43 15.10 12.90	\$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	\$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	8,486,086 292,230 1,365,631	
4 Roadway 914 47 W 5 Roadway/Area 921 88 W 6 Roadway 526 105 W 7 Roadway/Area 932 133 W 8 Area-Lighter 935 143 W 9 Roadway 937 146 W 10 Roadway 937 148 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 947 330 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Mongoose 956 268 W 17 Granville (PT) 967 39 W 19 Granville (PT) 967 NH aka 968 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) ENH 94ka 933 60 W	1,016,905 25,119 158,412 25,788 777 197,882 174,612 46,458 27,524 38,772 15,497	16 31 37 47 50 51 64 86 116 70	16,270,472 778,677 5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	\$ 5.97 \$ 8.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.74 \$ 1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	7.71 \$ 10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	7,840,334 269,020 1,270,467 400,491 10,218	s s s s	6.61 9.89 7.43 15.10 12.90	\$ 1.74 \$ 1.74 \$ 1.19 \$ 1.38	\$ 8.35 \$ \$ 11.63 \$ \$ 8.62 \$	8,486,086 292,230 1,365,631	
5 Roadwayl/Area 921 88 W 6 Roadway 926 105 W 7 Roadway 926 133 W 8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 937 145 W 11 Area-Lighter 935 247 W 12 Area-Lighter 945 247 W 12 Area-Lighter 947 330 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 255 W 16 Mongoose 956 26 W 17 Granville (PT) 967 39 W 18 Granville (PT) 971 55 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Ent 972 ENH aka 973 60 W	25,119 158,412 25,788 7777 197,882 174,612 46,458 27,524 38,772 15,497	31 37 47 50 51 64 86 116 70	778,677 5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	\$ 8.97 \$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	S S S S S S	1.74 \$ 1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	10.71 \$ 8.02 \$ 15.53 \$ 13.15 \$	269,020 1,270,467 400,491 10,218	\$ \$ \$ \$	9.89 7.43 15.10 12.90	\$ 1.74 \$ 1.19 \$ 1.38	\$ 11.63 \$ \$ 8.62 \$	292,230 1,365,631	
6 Roadway 926 105 W 7 Roadway/Area 932 133 W 8 Areas-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 937 145 W 11 Areas-Lighter 935 247 W 12 Areas-Lighter 945 247 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongocee 956 255 W 16 Mongocee 958 333 W 17 Granville (PT) 967 39 W 19 Granville (PT) 967 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 971 56 W 21 Granville (PT) 972 60 W 22 Granville (PT) Ent 972 ENH aka 973 60 W	158,412 25,788 777 197,882 174,612 46,458 27,524 38,772 15,497	37 47 50 51 64 86 116 70	5,861,259 1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	\$ 6.83 \$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	s s s s	1.19 \$ 1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	8.02 \$ 15.53 \$ 13.15 \$	1,270,467 400,491 10,218	\$ \$ \$	7.43 15.10 12.90	\$ 1.19 \$ 1.38	\$ 8.62 \$	1,365,631	
7 Roadway/Area 932 133 W 8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 947 330 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 255 W 16 Mongoose 958 333 W 17 Granville (PT) 967 39 W 19 Granville (PT) 967 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enth 972 ENH aka 973 60 W	25,788 777 197,882 174,612 46,458 27,524 38,772 15,497	47 50 51 64 86 116 70	1,212,045 38,850 10,091,962 11,175,194 3,995,397 3,192,796	\$ 14.15 \$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	s s s s	1.38 \$ 1.41 \$ 2.26 \$ 2.51 \$	15.53 \$ 13.15 \$	400,491 10,218	\$	15.10 12.90	\$ 1.38			
8 Area-Lighter 935 143 W 9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 247 W 13 Flood 951 190 W 14 Flood 951 255 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granville (PT) 965 26 W 18 Granville (PT) 970 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 971 56 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	777 197.882 174.612 46.458 27.524 38,772 15,497	50 51 64 86 116 70	38,850 10,091,962 11,175,194 3,995,397 3,192,796	\$ 11.74 \$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	s s s	1.41 \$ 2.26 \$ 2.51 \$	13.15 \$	10,218	\$	12.90				
9 Roadway 937 145 W 10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 947 330 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Mongoose 956 280 W 17 Granville (PT) 965 28 W 19 Granville (PT) 967 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 771 55 W 21 Granville (PT) 772 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	197,882 174,612 46,458 27,524 38,772 15,497	51 64 86 116 70	10,091,962 11,175,194 3,995,397 3,192,796	\$ 8.61 \$ 11.81 \$ 16.07 \$ 20.13	s s	2.26 \$ 2.51 \$					\$ 1.41	\$ 10.46 \$ \$ 14.31 \$	424,997	
10 Roadway 941 182 W 11 Area-Lighter 945 247 W 12 Area-Lighter 945 230 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Mongoose 956 268 W 17 Granville (PT) 965 26 W 19 Granville (PT) 967 ENH aka 908 39 W 19 Granville (PT) 971 55 W 20 Salem (PT) 971 65 W 21 Granville (PT) Enh 972 ENH aka 973 60 W	174,612 46,458 27,524 38,772 15,497	64 86 116 70	11,175,194 3,995,397 3,192,796	\$ 11.81 \$ 16.07 \$ 20.13	s s	2.51 \$	10.07 \$			9.73		\$ 14.31 \$ \$ 11.99 \$	2,372,233	
11 Area-Lighter 945 247 W 12 Area-Lighter 947 330 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Mongoose 956 225 W 17 Granville (PT) 967 39 W 18 Granville (PT) 967 39 W 19 Granville (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Fn 972 ENH aka 973 60 W	46,458 27,524 38,772 15,497	86 116 70	3,995,397 3,192,796	\$ 16.07 \$ 20.13	s		14.32 \$	2,500,450	ş		•	\$ 15.48 \$	2,372,233	
12 Area-Lighter 947 330 W 13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granville (PT) 967 26 W 18 Granville (PT) 967 39 W 19 Granville (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	27,524 38,772 15,497	116 70	3,192,796	\$ 20.13				2,500,450	\$	12.97		\$ 15.48 \$ \$ 19.96 \$	2,702,490 927,381	
13 Flood 951 199 W 14 Flood 953 255 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granville (PT) 967 26 W 18 Granville (PT) 967 39 W 19 Granville (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	38,772 15,497	70				2.51 \$			3 \$	22.01		\$ 19.90 \$ \$ 23.56 \$	648,366	
14 Flood 993 255 W 15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granville (PT) 965 26 W 18 Granville (PT) 967 39 W 19 Granville (PT) 1970 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	15,497		2,714,019			1.55 \$ 3.45 \$		596,722 564,904	\$ \$	12.69			625,710	
15 Mongoose 956 225 W 16 Mongoose 958 333 W 17 Granville (PT) 965 26 W 18 Granville (PT) 967 39 W 19 Granville (PT) 970 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W			4 070 045	\$ 11.12 \$ 21.48		3.45 \$ 4.10 \$			\$			\$ 16.14 \$ \$ 26.92 \$	417,187	
16 Mongoose 958 333 W 17 Granville (PT) 965 26 W 18 Granville (PT) 967 39 W 19 Granville (PT) Fh 967 ENH aka 968 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W			1,379,215					396,408	\$ \$					
17 Granville (PT) 965 26 W 18 Granville (PT) 967 39 W 19 Granville (PT) Enh 967 ENH aka 968 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	348	79 117	520,255 40,716	\$ 11.78 \$ 17.84		3.04 \$ 3.60 \$		97,597 7.461	\$	12.68 19.52		\$ 15.72 \$ \$ 23.12 \$	103,551 8.045	
18 Granville (PT) 967 39 W 19 Granville (PT) Enh 967 ENH aka 968 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	44,079	9	396,711	\$ 17.84	-	2.28 \$		356,158	s	6.48		\$ 23.12 \$ \$ 8.76 \$	386,047	
19 Granville (PT) Enh 967 ENH aka 968 39 W 20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	44,079	9	1,271,733	\$ 5.80		2.28 \$		1,419,800	\$ \$	14.55		\$ 16.83 \$	1,528,857	
20 Salem (PT) 971 55 W 21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	90,838		309.594	\$ 13.35		2.28 \$			\$ \$			\$ 18.67 \$	412,864	
21 Granville (PT) 972 60 W 22 Granville (PT) Enh 972 ENH aka 973 60 W	22,114	14		\$ 15.35 \$ 10.95				389,867	\$ \$	10.39			3 668 248	
22 Granville (PT) Enh 972 ENH aka 973 60 W	2/3,314	19 21	5,192,968 20,210	\$ 10.95 \$ 14.62	-	1.54 \$ 2.28 \$		3,413,693 16,265	s	11.88	•	\$ 13.42 \$ \$ 17.64 \$	3,668,248	
						2.28 \$		907	\$	15.30		\$ 17.04 \$ \$ 20.43 \$	980	
23 Salem (P1) 9/5 /6 W	48 33,550	21 27	1,008	\$ 16.62 \$ 13.17		2.28 \$		493,517	\$ \$	14.04		\$ 20.43 \$ \$ 15.58 \$	522,793	
AL ALVING A	33,550	27	905,843	\$ 13.17	\$	1.54 \$			5	14.04	\$ 1.54			
24 Subtotal this section							\$	24,175,807				\$	26,137,183	
25 Open LED - Timed Service 26 Roadway 981 27 W														
26 Roadway 981 27 W 27 Roadway 982 105 W	293 144	5	1,464	\$ 4.83 \$ 6.83		1.74 \$ 1.19 \$		1,924	\$	5.51 7.67			2,122	
27 rualway 962 105 W 28 Roadway 983 182 W	701	18 32		\$ 6.83 \$ 11.81				1,155	\$	12.98			1,276	
	701		22,428			2.51 \$			\$ \$			• •••• •		
29 Area-Lighter 984 330 W 30 Flood 985 199 W	144	58	8,353			1.55 \$ 3.45 \$		3,122 874	\$ \$	22.07 12.46		\$ 23.62 \$ \$ 15.91 \$	3,402 954	
30 Flood 985 199 W 31 Flood 986 255 W	60	35 45	2,100	\$ 11.12 \$ 21.48		3.45 \$ 4.10 \$		874	\$	12.46 23.72	• • • • •	\$ 15.91 \$ \$ 27.82 \$	954 2.142	
31 FIGOR 980 255 W 32 Mongoose 987 225 W	77 14	45 39	3,465 546	\$ 21.48 \$ 11.78	-	4.10 \$ 3.04 \$		1,970	\$			\$ 27.82 \$ \$ 16.36 \$	2,142	
32 Wongdose 507 225 W 33 Granville (PT) 988 39 W	14 28	39	546 193	\$ 11.78 \$ 13.35		3.04 \$ 2.28 \$		431	\$	13.32		\$ 16.36 \$ \$ 16.65 \$	459	
	28	7	193	\$ 13.35 \$ 15.35		2.28 \$		431	\$	14.37		\$ 16.65 \$ \$ 19.16 \$	459	
	-	13			+				\$			• •••• •		
	720	13	9,360	\$ 13.17	\$	1.54 \$	14.71 \$ \$	10,591 30,460	\$	14.76	\$ 1.54	\$ 16.30 \$ \$	11,738 33,339	
36 - 37 Total Fixtures and kWh	2,824,174						<u> </u>		\$30,253,011			<u> </u>	33,339	
-	2,824,174		94,685,804				\$	30,240,836	ə30,253,011			\$	32,715,059	
38														

Supporting Schedules:

FLORIDA PUBLIC SER	VICE COMMISSION		EXPLANATION:	Calculate reve	nues under present ar	nd proposed rates for the	he test year for	each lig	hting schedule.	Show revenues		Type of e	lata shown:		
						fixtures, poles and con						x	Projected Test ye	ar Ended 12/31/20:	22
COMPANY: TAMPA ELE	ECTRIC COMPANY					omers who own faciliti						_	Projected Prior Y	ar Ended 12/31/20	21
					rovided in Schedule E									ar Ended 12/31/202	
DOCKET No. 20210034-	-EI											_	Witness: W.R.		
						LIGHTING S	CHEDULE LS	6-1							
							Present Rate	es				Proposed Ra	tes		
			Annual	Est.		Monthly	Monthly	С	Combined	\$	Monthly	Monthly	Combined	s	
Line	Type of		Billing	Monthly	Annual	Facility	Maintenan	ce l	Monthly	Total	Facility	Maintenance	Monthly	Total	Percent
No.	Facility		Items	kWh	kWh	Charge	Charge		Charge	Revenue	Charge	Charge	Charge	Revenue	Increase
1 Continued from Pa	age 4														
2	Pole/Wire														
3 Wood - 30 ft. (ina	accessible) (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	6	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	7	OH wire	211,092			\$ 2.95	i\$ 0	.17 \$	3.12 \$	658,606	\$ 3.54	\$ 0.17	\$ 3.71 \$	782,943	18.9%
6 Wood - up to 45	i 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 - 3	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 - u	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
g Std. Concrete - 1	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 - 2	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 - 3	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 - 3	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 - 3	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 - 3	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 - u	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) (C	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) (Co	oncrete) 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	s 0	.34 \$	40.41 \$	158,084	\$ 43.17	\$ 0.34	\$ 43.51 \$	170,226	7.7
25 Waterside (Alumi	inum) 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	s 1	.10 \$	18.12 \$	30,912	\$ 18.22	\$ 1.10	\$ 19.32 \$	32,962	6.6
27 Capitol (PT) (Alu	uminum) (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 Banne	er (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 (F	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)(Alu	uminum) (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) (Alu	uminum) (closed)	UG wire	0			\$ 20.56	\$ 1	.10 \$	21.66 \$	-	\$ 20.50	\$ 1.10	\$ 21.60 \$	-	0.0
33 Steel - 30 ft. (clos	sed) 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															

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Supporting Schedules:

Continued on Page 6

FLORIDA PUBLIC SERVICE COMMISSION		EXPLANATIO	N: Calculate reve	enues under present a	nd proposed rates for the	e test year for ea	ch lighting schedul	e. Show revenues			Type of d	ata shown:		
		from charges for all types of lighting fixtures, poles and conductors. Poles should be listed separately from fixtures.							XX Projected Test year Ended 12/31/2022					
COMPANY: TAMPA ELECTRIC COMPANY			Show separat	tely revenues from cus	tomers who own facilities	and those who	do not. Annual KV	'H's must agree			_	Projected Prior Y	ear Ended 12/31/202	1
			with the data	provided in Schedule E	-15.				Historical Prior Year Ended 12/31/2020					0
DOCKET No. 20210034-EI												Witness: W.R.	Ashburn	
								LIGHTING S	CHEDULE LS-1					
						Present Rates				F	Proposed Rate	15		
		Annual	Est.		Monthly	Monthly	Combined	\$	Mon	thly	Monthly	Combined	\$	
Line Type of		Billing	Monthly	Annual	Facility	Maintenance	Monthly	Total	Fac	ility	Maintenance	Monthly	Total	Percent
No. Facility		Items	kWh	kWh	Charge	Charge	Charge	Revenue	Cha	rge	Charge	Charge	Revenue	Increase
1 Continued from Page 5														
2														
3 Franklin Composite 525	UG wire	35,38	4		\$ 23.91	\$ 1.10	\$ 25.01 \$	884,964	\$	24.58	\$ 1.10	\$ 25.68 \$	908,780	2.7%
4 Existing Pole 641	UG wire	53	6		\$ 4.95	\$ 0.34	\$ 5.29 \$	2,834	\$	5.28	\$ 0.34	\$ 5.62 \$	3,010	6.2%
5 Total Pole/Wire		1,778,01	8	-			s	23,441,841				s	26,299,372	12.2%
6				-								_		
7														
8 Miscellaneous Lighting Facilities														
g Timer		12	0		\$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)		2,47	5		\$4.27	\$0.06	\$ 4.33 \$	10,718	\$	4.70	\$ 0.06	\$ 4.76 \$	11,771	9.8%
11 Ybor Contract Lights		32	4		\$15.26	\$16.44	\$ 31.70 \$	10,271	\$	15.26	\$ 16.44	\$ 31.70 \$	10,271	0.0%
12 Total Miscellaneous Lighting Facilities		2,91	9	-			\$	22,065				s	23,208	5.2%
13				-			_					_		
14														
15														
16														
17														
18 Total Base Revenue								\$53,704,742				s	59,037,640	9.9%
19								\$53,716,917				-	59,050,920	
20														
21							DIFF	-12175						
22														
23														
24														
25														
26														
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39														

SCHEDULE E-14	PROPOSED TARIFF SHEETS AND SUPPORT FOR CHARGES	Page 1 of 139		
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide proposed tariff sheets highlighting changes in legislative format from existing tariff provisions. For each charge,	Type of data shown:		
	reference by footnote unit costs as shown on Schedules E-6b and E-7, if applicable. Indicate whether unit costs are	XX Projected Test year Ended 12/31/2022		
COMPANY: TAMPA ELECTRIC COMPANY	calculated at the class or system rate of return. On separate attachment explain any differences between unit costs and	Projected Prior Year Ended 12/31/2021		
	proposed charges. Provide the derivation (calculation and assumptions) of all charges and credits other than those for	Historical Prior Year Ended 12/31/2020		
	which unit costs are calculated in these MFR schedules, including those charges and credits the company proposes to	Witness: W. R. Ashburn		
	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.			
DOCKET No. 20210024 EL				

DOCKET No. 20210034-EI

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THIRTEENTH REVISED SHEET NO. 3.030 CANCELS TWELFTH REVISED SHEET NO. 3.030 CANCELS ELEVENTH REVISED SHEET NO. 3.030

	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 \$75112.00 is applicable for the initial establishment of service to a premises. Initial connect may only occur during normal working hours. 2.
1.	The appropriate <u>A</u> Connection Charge shown below shall apply to the subsequent re- establishment of service to a premises for which service has <u>not</u> 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<u>10</u>.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.
	 <u>b.</u> <u>b.c.</u> 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.

ISSUED BY: G. L. Gillette A. D. Collins, President DATE EFFECTIVE: November 1, 2013



THIRTEENTH REVISED SHEET NO. 3.030 CANCELS TWELFTH REVISED SHEET NO. 3.030 CANCELS ELEVENTH REVISED SHEET NO. 3.030

2.4. The appropriate <u>A</u> 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; <u>Service under these charges will only occur</u> <u>once payment of the un-paid amount owed has been received by Tampa Electric. or the</u> <u>violation has been corrected.</u>
 a. For service which has been disconnected at the point of metering, the Reconnect after Disconnect Charge is \$5512.00.
 <u>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.</u>
 <u>b.</u> <u>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.</u> 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

ISSUED BY: G. L. Gillette A. D. Collins, President DATE EFFECTIVE: November 1, 2013





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 \$55.0050.00 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.

ISSUED BY: G. L. Gillette<u>A. D. Collins</u>, President DATE EFFECTIVE: November 1, 2013



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, <u>SBFSBD</u>, <u>SBFTSBDT</u>, <u>IS, IST, and SBI</u> 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 <u>GSLDPR, GSLDSU, GSLDTPR, GSLDTSU, SBLDPR, SBLDSU, SBLDTPR, SBLDTSU and</u> <u>any</u> GSD, GSDT, <u>SBFSBD</u>, <u>SBFTSBDT</u>, <u>IS, IST, and SBI</u> 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.

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President

DATE EFFECTIVE: June 23, 2009



STANDBY GENERATOR RIDER

SCHEDULE: GSSG-1

<u>AVAILABLE</u>: At the option of the customer, available to commercial and industrial customers on rate schedule GSD, GSDT, <u>SBFSBD</u>, and <u>SBFT_SBDT</u> who sign a Tariff Agreement for the Provision of Standby Generator Transfer Service.

<u>CHARACTER OF SERVICE</u>: 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.

<u>MONTHLY CREDITS</u>: Credits will be applied each billing period to the regular bill submitted under the GSD, GSDT, <u>SBFSBD</u>, or <u>SBFT_SBDT</u> 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).

<u>INITIAL TRANSFERABLE DEMAND</u>: 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).

<u>AVERAGE TRANSFERABLE DEMAND</u>: 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.

<u>NOTIFICATION SCHEDULE</u>: 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President

DATE EFFECTIVE: January 1, 2018





GENERAL SERVICE INDUSTRIAL LOAD MANAGEMENT RIDER

SCHEDULE: GSLM-2

<u>APPLICABLE</u>: At the option of the customer, to commercial and industrial customers on rate schedules GSD, GSDT, <u>IS, or IST_GSLDPR, GSLDSU, GSLDTPR and GSLDTSU</u> 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.

<u>LIMITATION OF SERVICE</u>: 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.

<u>MONTHLY CHARGES</u>: 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.

<u>MONTHLY CREDITS</u>: 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, <u>GSLDPR</u>, <u>GSLDSU</u>, <u>GSLDTPR</u>, <u>GSLDTSU</u> IS , <u>or IST</u> 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

DATE EFFECTIVE: May 12, 2009





GENERAL SERVICE INDUSTRIAL STANDBY AND SUPPLEMENTAL LOAD MANAGEMENT RIDER

SCHEDULE: GSLM-3

<u>APPLICABLE</u>: At the option of the customer, to commercial and industrial customers on rate schedules <u>SBF,SBD</u>, <u>SBFTSBDT</u>, or <u>SBI SBLDPR</u>, <u>SBLDSU</u>, <u>SBLDTPR or SBLDTSU</u> 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.

<u>MINIMUM QUALIFICATION</u>: The minimum interruptible service provided under this rider is 500 kW.

<u>LIMITATION OF SERVICE</u>: 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.

<u>MONTHLY CHARGES</u>: 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.

<u>MONTHLY CREDITS</u>: 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 <u>SBFSBD</u>, <u>SBFTSBDT</u>, <u>SBLDPR</u>, <u>SBLDSU</u>, <u>SBLDTPR</u> or <u>SBLDTSU</u> or <u>SBLD</u>

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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President DATE EFFECTIVE: May 12, 2009





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 <u>SBFSBD</u>, or <u>SBFTSBDT</u>, <u>SBLDPR</u>, <u>SBLDSU</u>, <u>SBLDTPR</u> and <u>SBLDTSU</u> with or without GSLM-3, if it is not already their OAS. <u>Customers taking service</u> 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 <u>SBI</u>, 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).

ISSUED BY: <u>G. L. GilletteA. D. Collins</u>, President DATE EFFECTIVE: July 21, 2015



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<u>0.67</u>

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.

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President DATE EFFECTIVE: September 23, 2019



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, <u>GSLDPR and GSLDSU and IS</u> 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, <u>GSLDPR and GSLDSU</u> and <u>IS</u>, 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, <u>GSLDPR and GSLDSU or IS</u> 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, <u>GSLDPR and GSLDSU</u> 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President

DATE EFFECTIVE: June 25, 2019





Current

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

Customer

Any present or prospectivepotential user of the Company's electric service, his any authorized representative (builder, <u>developer</u>, 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.

ISSUED BY: G. L. Gillette<u>A. D. Collins</u>, President



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 subcomponents: 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.

ISSUED BY: G. L. GilletteA. D. Collins,

DATE EFFECTIVE: November 1, 2013

President



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.

ISSUED BY: G. L. GilletteA. D. Collins,





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

ISSUED BY: G. L. Gillette<u>A. D. Collins</u>, President



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.

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





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 <u>electrical energy</u>the <u>Company's product</u>, "<u>Electrical Energy</u>", 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.



FOURTH FIFTH REVISED SHEET NO. 4.110 CANCELS THIRD FOURTH REVISED SHEET NO. 4.110

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<u>and constituting a contract between the Company and its Customers with</u> 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.

ISSUED BY: N. G. TowerA. D. Collins,

DATE EFFECTIVE: January 1, 2021

President

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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

DATE EFFECTIVE: May 7, 2009



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 <u>agents</u>, <u>contractors</u>, <u>and</u> representatives shall have access to the premises of the Customer at all reasonable times for the purpose of installing, maintaining, <u>repairing</u>, and inspecting or removing the company's property, reading meters, trimming trees, and other purposes incident to the <u>provision of electrical service or</u> performance or termination of the company's <u>provision of service to agreement with</u> the Customer. The company and its <u>agents</u>, <u>contractors</u>, <u>and</u> representatives shall not be liable to the Customer for trespass. <u>The</u> 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 <u>service to be interrupted</u>.

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.

DATE EFFECTIVE: March 29, 2001



THIRD FOURTH REVISED SHEET NO. 5.070 CANCELS SECOND THIRD REVISED SHEET NO. 5.070

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

ISSUED BY: J. R. Ramil<u>A. D. Collins</u>, President

DATE EFFECTIVE: March 29, 2001



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 <u>or fatality</u>, including the Customer, or for any damage to property, including property of the Customer, when such injury, <u>fatality</u> 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, <u>including attorney's fees and costs</u>, for loss or damage to property or for injury to persons <u>or fatality</u>, 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

ISSUED BY: J. R. Ramil<u>A. D. Collins</u>, President DATE EFFECTIVE: March 29, 2001





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

ISSUED BY: G. L. GilletteA. D. Collins,



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 <u>www.tampaelectric.com</u> 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 <u>www.tampaelectric.com</u>. 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 <u>(e.g., a new 220-volt outlet)</u> 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

ISSUED BY: G. L. Gillette A. D. Collins, President DATE EFFECTIVE: September 18, 2012



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 \$31.7850.27 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

ISSUED BY: G. L. GilletteA. D. Collins,

DATE EFFECTIVE: November 1, 2013

President





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 threephase 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<u>and may require an easement for the relocated facilities</u>.

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

ISSUED BY: G. L. Gillette<u>A. D. Collins</u>, President DATE EFFECTIVE: September 18, 2012



FOURTH FIFTH REVISED SHEET NO. 5.340 CANCELS THIRD FIFTH REVISED SHEET NO. 5.340

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

DATE EFFECTIVE: March 11, 2002



TWENTY-SIXTH SEVENTH REVISED SHEET NO. 6.010 CANCELS TWENTY-FIFTH SIXTH REVISED SHEET NO. 6.010

INDEX OF RATE SCHEDULES

<u>Schedule</u>	<u>Classification</u>	<u>Sheet No.</u>
	Additional Billing Charges	6.020
	Payment of Bills	6.023
RS	Residential Service	6.030
GS	General Service - Non Demand	6.050
GSD	General Service - Demand	6.080
IS <u>GSLDPR</u> <u>GSLDSU</u> CS	Interruptible Service General Service Large Demand Primary General Service Large Demand Subtransmission Construction Service	6.085 6.140 6.160 6.290
GST	Time-of-Day General Service - Non-Demand (Optional)	6.320
GSDT	Time-of-Day General Service - Demand (Optional)	6.330
IST GSLDTPR GSLDTSU RSVP-1	Time of Day Interruptible Service (Optional)General Service Demand Time-of Day PrimaryGeneral Service Demand Time-of-Day SubtrasnmissionResidential Service Variable Pricing	6.340 6.370 6.400 6.560
SBF SBD	Firm_Standby And Supplemental <u>Demand</u> Service	6.600
SBFTSBD T SBI SBLDPR SBLDSU SBLDTPR SBLDTSU	Time-of-Day Firm_Standby And Supplemental Demand Service (Optional) Interruptible Standby And Supplemental Service Standby Large Demand Primary Standby Large Demand Subtransmission Standby Large Demand Time-of-Day Primary Standby Large Demand Time-of-Day Subtransmission	6.605 6.700 6.610 6.630 6.650 6.670
EDR	Economic Development Rider	6.720
CISR-2	Commercial/Industrial Service Rider	6.740
LS-1	Street and Outdoor Lighting Service	6.800
LS-2	Customer Specified Lighting Service	6.830



EIGHTIETH EIGHTY-FIRST REVISED SHEET NO. 6.020 CANCELS EIGHTIETHSEVENTY-NINTH REVISED SHEET NO. 6.020

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)

			¢/kWh Fuel			¢/kWh Capacity	¢/kWh Environmental
Rate Schedules		Standard	Peak	Off- Peak			
Nate Schedules		Stanuaru	FEak	reak	_		
RS (up to 1,000 kV	Vh)	2.856				0.002	0.269
RS (over 1,000 kW	/h)	3.856				0.002	0.269
RSVP-1	(P1)	3.167				0.002	0.269
	(P ₂)	3.167				0.002	0.269
	(P ₃)	3.167				0.002	0.269
	(P4)	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
			¢/kWh			\$/kW	¢/kWh
	_		Fuel			Capacity	Environmental
				Off-			
Rate Schedules	200	Standard	Peak	Peak	_		
GSD, GSDT, SBFS SBFT SBDT	<u>SBD</u> ,						
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<u>A. D. Collins</u>, President



EIGHTIETH EIGHTY-FIRST REVISED SHEET NO. 6.020 CANCELS EIGHTIETHSEVENTY-NINTH REVISED SHEET NO. 6.020

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

Continued to Sheet No. 6.021



THIRTY-SEVENTH EIGHTH REVISED SHEET NO. 6.021 CANCELS THIRTY-SIXTH SEVENTH REVISED SHEET NO. 6.021

Continued from Sheet No. 6.020				
Rate Schedu	les	¢/kWh Energy Conservation	¢/kWh Storm Protection Plan	
RS (up to 1,00	0 kWh)	0.166	0.239	
RS (over 1,000	,	0.166	0.239	
RSVP-1	(P ₁)	(3.026)	0.239	
	(P ₂)	(0.882)	0.239	
	(P ₃)	7.564	0.239	
	(P4)	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	
		\$/kW Energy	\$/kW	
Rate Schedu		Conservation	Storm Protection Plan	
GSD, GSDT, € SBFT SBD,SBI	SBF, DT			
Secondary		0.60	0.72	
Primary		0.59	0.71	

GSD, GSDT, SBF, SBFT<u>SBD,SBDT</u>			
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	
<u>GSLD, GSLDT, PR</u>	TBD	TBD	
<u>SBLD, SBLDT, PR</u>	TBD	TBD	
<u>GSLD, GSLDT, SU</u>	<u>TBD</u>	TBD	
<u>SBLD, SBLDT, SU</u>	TBD	TBD	

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



THIRTY-SEVENTH EIGHTH REVISED SHEET NO. 6.021 CANCELS THIRTY-SIXTH SEVENTH REVISED SHEET NO. 6.021

Continued to Sheet No. 6.022



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, SBFTSBD, SBDT, and SBI GSLDPR, 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%.

<u>CAPACITY RECOVERY CHARGE:</u> 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, <u>IS, IST_SBF, SBFT_SBD, SBDT</u>, and <u>SBI</u> <u>GSLDPR, GSLDSU, GSLDTPR, GSLDTSU, SBLDPR, SBLDSU, SBLDTPR and SBLDTSU</u> 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<u>A. D. Collins</u>-, President



SECOND_THIRD REVISED SHEET NO. 6.023 CANCELS FIRST_SECOND REVISED SHEET NO. 6.023

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 SBFSBD, SBFDTand 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.

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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.

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

MONTHLY RATES:

Basic Service Charge: \$15.05.70 per day.

Energy and Demand Charge: First 1,000 kWh All additional kWh

5.2256.600 ¢ per 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<u>A. D. Collins</u>, President



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

GENERAL SERVICE - NON DEMAND

SCHEDULE: GS

AVAILABLE: Entire service area.

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

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

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

MONTHLY RATES:

Basic Service Charge: Metered accounts Un-metered accounts

\$<u>18.06.74-¢ per day</u> \$<u>15.05.62¢ per day</u>

Energy and Demand Charge: <u>5.4966.915</u>¢ per kWh

MINIMUM CHARGE: The Basic Service Charge.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be $0.\frac{169181}{6}$ per kWh of billing energy. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

Continued to Sheet No. 6.051

ISSUED BY: N. G. TowerA. D. Collins, President



GENERAL SERVICE - DEMAND

SCHEDULE: GSD

AVAILABLE: Entire service area.

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

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

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

MONTHLY RATES:

<u>STANDARD</u>

OPTIONAL

<u>Basic Service Charge:</u> Secondary <u>Metering</u> Voltage Primary <u>Metering</u> Voltage Subtrans. <u>Metering</u> Voltage	\$ 30.10<u>0.97</u> per <u>day</u> \$ 130.44<u>7.28</u> <u>per day</u> \$ 993.2722.47	<u>Basic Service Charge:</u> Secondary <u>Metering</u> Voltage Primary <u>Metering</u> _Voltage Subtrans. <u>Metering</u> _Voltage	\$ <u>30.10 \$0.97</u> <u>per day</u> \$ <u>130.44\$7.2</u> <u>8 per day</u> \$ 993.27 \$22.47 per
	per day		day
Demand Charge: Secondary \$10.9213.00 per k Primary \$15.00 per kW of k	•	<u>Demand Charge:</u> and	
Subtrans. \$16.00 per kW of I		\$0.00 per kW of bi <u>\$0.00 per kW of b</u> \$0.00 per kW of b	<u>illing demand</u>
<u>Energy Charge:</u> 1.589<u>2.091</u>¢ per kWh		Energy Charge: <u>6.5958.298 ¢</u> per k	٢Wh

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

<u>MINIMUM CHARGE</u>: 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.

<u>POWER FACTOR</u>: 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 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 \$2.813.18 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 $0.240216 \, \phi$ per kWh will apply. A discount of $0.735813 \, \phi$ per kWh will apply when a customer under the optional rate takes service at subtransmission or higher voltage.

Continued to Sheet No. 6.082

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

Continued from Sheet No. 6.081

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72_¢ per kW of billing demand for customers taking service under the standard rate and 0.182181 ¢/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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

SCHEDULE: IS

AVAILABLE: Entire Service Area.

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

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

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

MONTHLY RATE:

Basic Service Charge:

 Primary Metering Voltage
 \$ 624.05

 Subtransmission Metering Voltage
 \$2,379.85

Demand Charge: \$4.07 per KW of billing demand

Energy Charge: 2.513¢ per KWH

RESERVED FOR FUTURE USE

Continued to Sheet No. 6.086

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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.

<u>POWER FACTOR</u>: When the average power factor during the month is less than 85%, the monthly bill will be increased 0.201¢ for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased 0.101¢ for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

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

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

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: The monthly charge for emergency relay power supply service shall be \$1.62 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President





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:

<u>1.272¢ per kWh</u> RESERVED FOR FUTURE USE

Continued to Sheet No. 6.145

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President DATE EFFECTIVE: May 7, 2009



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.

ISSUED BY: A. D. Collins, President

DATE EFFECTIVE:



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

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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.

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

CONSTRUCTION SERVICE

SCHEDULE: CS

AVAILABLE: Entire service area.

<u>APPLICABLE</u>: 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: \$18.060.74 per day

Energy and Demand Charge: 5.4966.915 ¢ 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 \$260.00320.00 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.

ISSUED BY: <u>N. G. TowerA. D. Collins</u>, President



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.

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

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

MONTHLY RATES:

Basic Service Charge: \$20.070.74 per day

Energy and Demand Charge:

12.59413.713 ¢ per kWh during peak hours 3.0534.580 ¢ per kWh during off-peak hours

Continued to Sheet No. 6.321

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

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

<u>Off-Peak Hours:</u> 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 0.169181 ¢ 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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.

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

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

MONTHLY RATE:

<u>Basic Service Charge:</u> Secondary Metering Voltage Primary Metering Voltage Subtransmission Metering Voltage

\$ 30.100.97 per day
 \$ 130.447.28 per day
 \$ 993.2722.47 per day

Demand Charge:

\$3.494.15 per kW of billing demand, plus \$7.148.50 per kW of peak billing demand

Energy Charge:

2.9084.250 ¢ per kWh during peak hours
1.0491.311 ¢ per kWh during off-peak hours

Continued to Sheet No. 6.331

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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 billing 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 9185 ¢ per kW of billing demand will apply. When the customer takes service at subtransmission or higher voltage, a discount of 2.813.18 per kW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be 72_{c} 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.

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

SCHEDULE: IST

AVAILABLE: Entire Service Area.

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

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

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

Basic Service Charge:

Primary Metering Voltage\$ 624.05Subtransmission 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



FOURTH FIFTH REVISED SHEET NO. 6.345 CANCELS THIRD FOURTH REVISED SHEET NO. 6.345

Continued from Sheet No. 6.340

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

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

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

<u>BILLING DEMAND</u>: The highest measured 30-minute interval KW demand during the billing period.

<u>MINIMUM CHARGE</u>: The Basic Service Charge and any Minimum Charge associated with optional riders.

<u>POWER FACTOR</u>: 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

ISSUED BY: <u>N. G. TowerA. D. Collins</u>, President



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.

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

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: The monthly charge for emergency relay power supply service shall be \$1.62 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<u>A. D. Collins</u>, President





<u>TIME-OF-DAY</u> <u>GENERAL SERVICE LARGE - DEMAND</u> <u>PRIMARY</u> (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

ISSUED BY: <u>C. R. BlackA. D. Collins</u>, President DATE EFFECTIVE: May 7, 2009



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
		<u>6:00 PM - 10:00 PM</u>

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



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.





<u>TIME-OF-DAY</u> <u>GENERAL SERVICE LARGE - DEMAND</u> <u>SUBTRANSMISSION</u>

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:

<u>\$ 5.11 per kW of billing demand, plus</u> <u>\$ 10.46 per kW of peak billing demand</u>

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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President

DATE EFFECTIVE: May 7, 2009



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
		<u>6:00 PM - 10:00 PM</u>

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

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

ISSUED BY: A. D. Collins, President

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DATE EFFECTIVE:



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.



FOURTEENTH FIFTEENTH REVISED SHEET NO. 6.565 CANCELS FOURTEENTHTHIRTEENTH REVISED SHEET NO. 6.565

Continued from Sheet No. 6.560

MONTHLY RATES:

Basic Service Charge: \$15.050.70 per day

Energy and Demand Charges: <u>5.5396.915</u> ¢ 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 P₃ (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
November through April Weekdays	P ₁ 11 P.M. to 5 A.M.	P ₂ 5 A.M. to 6 A.M. 10 A.M. to 11 P.M.	P ₃ 6 A.M. to 10 A.M.

The pricing periods for price level P₄ (Critical Cost Hours) shall be determined at the sole discretion of the Company. Level P₄ hours shall not exceed 134 hours per year.

Continued to Sheet No. 6.570

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ISSUED BY: N. G. TowerA. D. Collins, President



FIRM STANDBY AND SUPPLEMENTAL SERVICE DEMAND

SCHEDULE: SBESBD

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 selfgenerating 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	\$ <u>55.181.79</u>
Primary Metering Voltage	\$ 155.51<u>8.10</u>
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: \$

per kW-Month of Standby Demand <u>1.552.22</u> (Power Supply Reservation Charge) or per kW-Day of Actual Standby Billing Demand 0.620.88 (Power Supply Demand Charge)

Energy Charge:

\$

0.9170.992 ¢ per Standby kWh

Continued to Sheet No. 6.601

ISSUED BY: N. G. TowerA. D. Collins, President



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

Continued from Sheet No. 6.600			
CHARGES FOR SUPPLEMENTAL SERVICE:			
Demand Charge:	per kW-Month of Supp Billing Demand Charge)	elemental Billing Demand(Supplemental	
<u>Secondary</u> Primary Subtrans. (Supp	\$13.00 per kW Month \$15.00 per kW Month \$16.00 per kW Month \$_10.92_ per kW-Month plemental Billing Demand Charge_;	of Supplemental Billing Demand	
Energy Charge: <u>1.5892.091</u> ¢ 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.)			
<u>Peak Hours:</u> (Monday-Friday)	<u>April 1 - October 31</u> 12:00 Noon - 9:00 PM	<u>November 1 - March 31</u> 6:00 AM - 10:00 AM and 6:00 PM - 10:00 PM	
<u>Off-Peak Hours:</u> 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 served by the company during th	measured 30-minute interval kW demand e 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			
	TowerA D Collins	DATE EFFECTIVE: January 1 2021	

ISSUED BY: N. G. TowerA. D. Collins, President





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.

<u>MINIMUM CHARGE</u>: The <u>Daily</u> 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



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¢<u>\$1.93</u> per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of $\frac{2.813.18}{2.813.18}$ per kW of Supplemental Demand and $\frac{1.972.64}{2.64}$ -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 <u>SBFSBD</u>. Supplemental fuel charges shall be based on the standard fuel rate for Rate Schedule <u>SBFSBDT</u>.

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.

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



TIME-OF-DAY FIRM_STANDBY AND SUPPLEMENTAL DEMAND SERVICE (OPTIONAL)

SCHEDULE: SBFTSBDT

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, but who agree to all the terms and conditions of this rate schedule. Resale not permitted.

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

<u>LIMITATION OF SERVICE</u>: 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 Primary Metering Voltage Subtransmission Metering Voltage

\$ <u>-55.181.79</u> \$ <u>155.518.10</u> \$1,018.3623.29

CHARGES FOR STANDBY SERVICE:

<u>Demand Charge:</u> \$ <u>1.682.64</u> per kW-Month of Standby Demand (Local Facilities Reservation Charge) plus the greater of: \$ <u>1.552.22</u> per kW-Month of Standby Demand (Power Supply Reservation Charge) or

\$ <u>0.62</u>0.088

Energy Charge:

0.917<u>0.992</u>¢per Standby kWh

Continued to Sheet No. 6.606

per kW-Day of Actual Standby Billing Demand

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President DATE EFFECTIVE: January 1, 2021

(Power Supply Demand Charge)



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

Continued from Sheet No. 6.605

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

- \$3.49<u>4.15</u> per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus
- \$7.14<u>8.50</u>

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

Energy Charge:

2.9084.250 ¢ per Supplemental kWh during peak hours

1.049<u>1.311</u>¢ per Supplemental kWh during off-peak hours

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

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

<u>Off-Peak Hours:</u> 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President





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.

<u>Energy Units</u>: 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.

<u>MINIMUM CHARGE:</u> The <u>Daily</u> 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

ISSUED BY: G. L. Gillette<u>A. D. Collins</u>, President DATE EFFECTIVE: November 1, 2013



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 <u>firm</u>_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 9485 ¢ per kW of Supplemental Demand and $63 \text{ } \text{¢} \text{ } \frac{1.93}{9}$ per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of \$2.813.18 per kW of Supplemental Demand and \$1.972.64 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President





TAMPA ELECTRIC

SEVENTH EIGHTH REVISED SHEET NO. 6.610 CANCELS SIXTHREVISED SEVENTH REVISED SHEET NO. 6.610

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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President

DATE EFFECTIVE: May 7, 2009



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:	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 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		

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ISSUED BY: A. D. Collins, President





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.

<u>Standby Demand - The greater of Contract Standby Demand or the</u> 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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President DATE EFFECTIVE: May 7, 2009





TAMPA ELECTRIC

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<u>A. D. Collins</u>, 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

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Continued from Sheet No. 6.630			
CHARGES FOR SUPPLEMENTAL SERVICE:			
<u>Demand Charge:</u> \$16.00	per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)		
Energy Charge: 2.030¢	per Supplemental kWh		
	THE USE PERIODS: All time periods stated in clock time. (Meters are utomatically adjust for changes from standard to daylight saving time and		
<u>Peak Hours:</u> (Monday-Friday)	April 1 - October 31 November 1 - March 31 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 highe Site Load during any 30-minute interval in the month exceeds Norm Generation, but no greater than Metered Demand.			
Continued to Sheet No. 6.640			



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



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.



<u>TIME-OF-DAY</u> <u>STANDBY AND SUPPLEMENTAL SERVICE</u> <u>LARGE-DEMAND</u> <u>PRIMARY</u> <u>(OPTIONAL)</u>

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

ISSUED BY: A. D. Collins, President



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:	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 demandserved 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.

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

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

ISSUED BY: A. D. Collins, President

DATE EFFECTIVE:



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.

<u>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.</u>

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

ISSUED BY: A. D. Collins, President



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, 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

ISSUED BY: A. D. Collins, President

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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:	12:00 Noon - 9:00 PM	6:00 AM - 10:00 AM
(Monday-Friday)		and
		6:00 PM - 10:00 PM

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

BILLING UNITS:

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

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

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

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

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

ISSUED BY: A. D. Collins, President

DATE EFFECTIVE:



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.

<u>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.</u>

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

ISSUED BY: A. D. Collins, President



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.

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

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

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\$649.14Subtransmission 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



SIXTH <u>SEVENTH</u> REVISED SHEET NO. 6.705 CANCELS FIFTH <u>SIXTH</u> REVISED SHEET NO. 6.705

Continued from Sheet No. 6.700

Energy Charge:

2.513¢ per Supplemental KWH 1.009¢ per Standby KWH

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

<u>Peak Hours:</u> (Monday-Friday)	April 1 - October 31 <u>November 1 - March 31</u> 12:00 Noon - 9:00 PM 6:00 AM - 10:00 AM and 6:00 PM - 10:00 PM
<u>Off-Peak Hours:</u>	All other weekday hours, and all hours on Saturdays, Sundays, New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day shall be off-peak.
<u>BILLING UNITS</u> :	
<u>Demand Units:</u>	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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President





TAMPA ELECTRIC

THIRD FOURTH REVISED SHEET NO. 6.710 CANCELS SECOND THIRD REVISED SHEET NO. 6.710

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.

<u>MINIMUM CHARGE</u>: The Basic Service Charge, Local Facilities Reservation Charge, and Bulk Transmission Reservation Charge.

RESERVED FOR FUTURE USE

Continued to Sheet No. 6.715

ISSUED BY: G. L. Gillette A. D. Collins, President DATE EFFECTIVE: November 1, 2013



ELEVENTH TWELFTH REVISED SHEET NO. 6.715 CANCELS TENTH ELEVENTH REVISED SHEET NO. 6.715

Continued from Sheet No. 6.710

<u>POWER FACTOR</u>: When the average power factor during the month is less than 85%, the monthly bill will be increased 0.201¢ for each kVARh by which the reactive energy numerically exceeds 0.619744 times the billing energy. When the average power factor during the month is greater than 90%, the monthly bill will be decreased 0.101¢ for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

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

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

<u>EMERGENCY RELAY POWER SUPPLY CHARGE</u>: 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.

<u>FUEL CHARGE</u>: Supplemental energy may be billed at either standard or time-of-day fuel rates at the option of the customer. See Sheet Nos. 6.020 and 6.022.

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<u>A. D. Collins</u>, President





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<u>and storm protection plan cost recovery</u> will also be based on the Customer's otherwise applicable rate. The otherwise applicable rates may be any of the following: GSD, GSDT,<u>GSLDPR</u> and <u>GSLDSU</u>. 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.





TAMPA ELECTRIC

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,<u>GSLDPR</u>, <u>GSLDSU</u>, <u>GSLDTPR</u> and <u>GSLDTSU</u>. 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

ISSUED BY: G. L. GilletteA. D. Collins, President DATE EFFECTIVE: November 1, 2013

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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

ISSUED BY: G. L. Gillette<u>A. D. Collins</u>, President



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

Continued from Sheet No. 6.800

MONTHLY RATE:

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

				Lamp Size	9		Cł	narges pe	er Unit (\$)	
Rate	Code					Vh			Base E	nergy ⁽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<u>3.4</u> 7 3.20 3.5	2.48	0.47<u>.6</u> <u>9</u> 0.691.	0.24<u>.3</u> 5 0.33.4
802	862	Cobra/Nema ⁽¹⁾	6,300	70	29	14	<u>3.20</u> 3.3 2	2.11	<u>0.081.</u> 00	<u>8.33.4</u> <u>8</u>
803	863	Cobra/Nema ⁽¹⁾	9,500	100	44	22	3.63<u>3.9</u> <u>9</u>	2.33	1.04<u>1.</u> 52	0.52<u>.7</u> <u>6</u>
804	864	Cobra ⁽¹⁾	16,000	150	66	33	4 <u>.184.6</u> <u>0</u>	2.02	1.57<u>2.</u> 28	0.78<u>1.</u> 14
805	865	Cobra ⁽¹⁾	28,500	250	105	52	4 <u>.875.3</u> <u>6</u> 5.095.6	2.60	<u>2.493.</u> <u>63</u> <u>3.875.</u>	1.23<u>1.</u> <u>80</u> 1.922.
806	866	Cobra ⁽¹⁾	50,000	400	163	81	<u>0</u>	2.99	<u>63</u>	<u>80</u>
468	454	Flood ⁽¹⁾	28,500	250	105	52	5.37<u>5.9</u> <u>1</u>	2.60	2.49<u>3.</u> <u>63</u>	1.23<u>1.</u> <u>80</u>
478	484	Flood ⁽¹⁾	50,000	400	163	81	<u>5.716.2</u> <u>8</u>	3.00	3.87<u>5.</u> <u>63</u>	1.92<u>2.</u> <u>80</u>
809	869	Mongoose ⁽¹⁾	50,000	400	163	81	6.50 <u>7.1</u> <u>5</u>	3.02	3.87<u>5.</u> <u>63</u>	1.92<u>2.</u> <u>80</u>
509	508	Post Top (PT) ⁽¹⁾	4,000	50	20	10	3.98<u>3.9</u> <u>8</u>	2.48	0.47<u>.6</u> <u>9</u>	0.24<u>.3</u> 5
570	530	Classic PT ⁽¹⁾	9,500	100	44	22	11.85<u>13</u> .03	1.89	1.04<u>1.</u> 52	0.52 <u>.7</u> <u>6</u>
810	870	Coach PT ⁽¹⁾	6,300	70	29	14	4.71 <u>5.1</u> <u>8</u>	2.11	0.69<u>1.</u> 00	0.33<u>.4</u> <u>8</u>
572	532	Colonial PT ⁽¹⁾	9,500	100	44	22	11.75<u>11</u> .75	1.89	1.04<u>1.</u> 52	0.52<u>.7</u> <u>6</u>
573	533	Salem PT ⁽¹⁾	9,500	100	44	22	9.03<u>9.9</u> 3 8.01 <u>8.8</u>	1.89	1.04<u>1.</u> 52 1.04 1.	0.52 <u>.7</u> <u>6</u> 0.52 <u>.7</u>
550	534	Shoebox ⁽¹⁾	9,500	100	44	22	<u>1</u> 8.699.5	1.89	<u>52</u> <u>2.493.</u>	<u>6</u> <u>1.231.</u>
566	536	Shoebox ⁽¹⁾	28,500	250	105	52	<u>6</u> 9.529.5	3.18	<u>63</u> <u>3.87</u> 3.	<u>80</u> <u>1.922.</u>
552	538	Shoebox ⁽¹⁾	50,000	400	163	81	<u>3.82</u> 2	2.44	<u>63</u>	<u>80</u>

ISSUED BY: N. G. TowerA. D. Collins, President



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

⁽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 $\frac{2.3733.457}{2.3733.457}$ ¢ per kWh for each fixture.

Continued to Sheet No. 6.806



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

Continued from Sheet No. 6.805

MONTHLY RATE:

Metal Halide Fixture, Maintenance, and Base Energy Charges:

			Lamp Size				С	harges pe	r Unit (\$)	
Rate	Code				kWh				Base E	nergy ⁽⁴⁾
Dusk					Dusk				Dusk	
to	Timed		Initial	Lamp	to	Timed			to	Timed
Dawn	Svc.	Description	Lumens ⁽²⁾	Wattage ⁽³⁾	Dawn	Svc.	Fixture	Maint.	Dawn	Svc.
							<u>7.538.2</u>		<u>3.274.</u>	<u>1.642.</u>
704	724	Cobra ⁽¹⁾	29,700	350	138	69	8	4.99	77	39
							<u>6.036.6</u>		<u>3.775.</u>	<u>39</u> 1.87 2.
520	522	Cobra ⁽¹⁾	32,000	400	159	79	<u>3</u>	4.01	<u>50</u>	73
							<u>8.55</u> 9.4		<u>3.274.</u>	<u> 1.642.</u>
705	725	Flood ⁽¹⁾	29,700	350	138	69	<u>0</u>	5.04	<u>77</u>	<u>39</u> 1.87<u>2.</u>
							8.36<u>9.1</u>		<u>3.775.</u>	<u> 1.872.</u>
556	541	Flood ⁽¹⁾	32,000	400	159	79	<u>9</u>	4.02	<u>50</u>	<u>73</u> 4. <u>53</u> 6.
							10.50<u>11</u>		9.09<u>1</u>	
558	578	Flood ⁽¹⁾	107,800	1,000	383	191	<u>.55</u>	8.17	<u>3.24</u>	<u>60</u>
704	704						<u>10.6011</u>		<u>1.592.</u>	<u>0.81</u> 1.
701	721	General PT ⁽¹⁾	12,000	150	67	34	<u>.66</u>	3.92	<u>32</u>	<u>18</u>
F7 A	540				- 4		10.89<u>11</u>		<u>1.762.</u>	0.88<u>1.</u>
574	548	General PT ⁽¹⁾	14,400	175	74	37	<u>.98</u>	3.73	56	28
700	700		10.000	450	07		9.33<u>10.</u>	0.00	<u>1.592.</u>	0.81<u>1.</u>
700	720	Salem PT ⁽¹⁾	12,000	150	67	34	<u>26</u>	3.92	<u>32</u>	<u>18</u>
575	568	$O_{-1} = D_{-1}^{-1}$	44.400	475	74	07	9.38<u>10.</u>	0.74	<u>1.762.</u>	0.88<u>1.</u>
575	000	Salem PT ⁽¹⁾	14,400	175	74	37	<u>31</u>	3.74	<u>56</u>	<u>28</u>
702	722	Shoebox ⁽¹⁾	12,000	150	67	34	7.22<u>7.9</u>	3.92	<u>1.592.</u>	0.81 <u>1.</u>
102	122	Shoebox	12,000	150	07	- 34	4 7.95 8.7	3.92	<u>32</u> 1.76 2.	<u>18</u> 0.88 <u>1.</u>
564	549	Shoebox ⁽¹⁾	12,800	175	74	37	1.83 <u>0.1</u>	3.70		<u>0.001.</u> 20
504	545	Shoebox	12,000	175	74	57	4 9.55 10.	5.70	<u>56</u> <u>3.274</u> .	<u>28</u> 1.64 2.
703	723	Shoebox ⁽¹⁾	29.700	350	138	69	<u>50</u>	4.93	77	30
100	120	GHOGDOA: /	23,100	000	100	03	<u></u>	т .35	3.77 5.	<u>39</u> 1.87 2.
554	540	Shoebox ⁽¹⁾	32,000	400	159	79	.02	3.97	50	<u>73</u>
004	010	CHOODON	02,000	100	100		<u>-02</u> 16.50 18	0.07	9.09 1	<u>4.53</u> 6.
576	577	Shoebox ⁽¹⁾	107,800	1,000	383	191	. <u>14</u>	8.17	<u>3.24</u>	<u>60</u>

⁽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 $\frac{2.3733.457}{2.373}$ ¢ per kWh for each fixture.

Continued to Sheet No. 6.808

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



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

Continued from Sheet No. 6.806

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

			Size					Charges per l	Jnit (\$)	
Rate	Code				kWh ⁽¹⁾				Base Ei	nergy ⁽⁴⁾
Dusk					Dusk				Dusk	
to	Timed	Decemination	Initial	Lamp	to	Timed	Eisetsung	Maintananaa	to	Timed
Dawn	Svc.	Description	Lumens ⁽²⁾	Wattage ⁽³⁾	Dawn	Svc.	Fixture 7.277.	Maintenance	Dawn 0.47<u>.6</u>	Svc. 0.24.3
828	848	Roadway ⁽¹⁾	5,155	56	20	10	<u>99</u> <u>11.15</u> 1	1.74	<u>9</u> 0.85 1.	<u>5</u> <u>0.43.6</u>
820	840	Roadway ⁽¹⁾	7,577	103	36	18	<u>2.26</u> <u>11.15</u> 1	1.19	<u>0.831.</u> <u>24</u> 0.88 <u>1.</u>	<u>0.43.0</u> <u>2</u> 0.45.6
821	841	Roadway ⁽¹⁾	8,300	106	37	19	<u>2.26</u> <u>11.10</u> 1	1.20	<u>28</u> <u>1.31</u> 1.	<u>6</u> <u>0.64.9</u>
829	849	Roadway ⁽¹⁾	15,285	157	55	27	<u>2.21</u> <u>14.58</u> 1	2.26	<u>90</u> <u>1.64</u> 2.	<u>0.04.9</u> <u>3</u> <u>0.811.</u>
822	842	Roadway ⁽¹⁾	15,300	196	69	34	<u>6.03</u> 16.80 1	1.26	<u>39</u> <u>1.71</u> 2.	<u>18</u> <u>0.851.</u>
823	843	Roadway ⁽¹⁾	14,831	206	72	36	<u>8.47</u> <u>16.53</u> 1	1.38	<u>49</u> 0.50.7	<u>24</u> 0.26.3
835	855	Post Top ⁽¹⁾	5,176	60	21	11	<u>8.18</u> 19.672	2.28	<u>3</u> 0.57 .8	<u>8</u> 0.28.4
824	844	Post Top ⁽¹⁾	3,974	67	24	12	<u>1.63</u> 20.512	1.54	<u>3.</u> 0.83 1.	<u>1</u> 0.40.5
825	845	Post Top ⁽¹⁾	6,030	99	35	17	<u>2.55</u> <u>16.70</u> 1	1.56	<u>21</u> 0.831.	<u>9</u> 0.43 <u>.6</u>
836	856	Post Top ⁽¹⁾	7,360	100	35	18	<u>8.36</u> <u>14.85</u> 1	2.28	<u>21</u> <u>1.261.</u>	<u>2</u> 0.64.9
830	850	Area-Lighter ⁽¹⁾	14,100	152	53	27	<u>6.33</u> 19.10 2	2.51	<u>83</u> 1.68 2.	<u>3</u> 0.83<u>1.</u>
826	846	Area-Lighter ⁽¹⁾	13,620	202	71	35	<u>1.00</u> 20.602	1.41	<u>45</u> 2.56 3.	<u>21</u> 1.28 1.
827	847	Area-Lighter ⁽¹⁾	21,197	309	108	54	<u>2.65</u> 15.90 1	1.55	<u>73</u> 1.97 2.	<u>87</u> 1.00 1.
831	851	Flood ⁽¹⁾	22,122	238	83	42	<u>7.48</u> 19.16 2	3.45	<u>87</u> 2.994.	<u>45</u> <u>1.492.</u>
832	852	Flood ⁽¹⁾	32,087	359	126	63	<u>1.07</u> <u>14.71</u> 1	4.10	<u>36</u> 2.04 2.	<u>18</u> <u>1.02</u> 1.
833	853	Mongoose ⁽¹⁾	24,140	245	86	43	<u>6.18</u> 16.31 1	3.04	<u>97</u> <u>2.73</u> 3.	<u>49</u> <u>1.35</u> 1.
834	854	Mongoose ⁽¹⁾	32,093	328	115	57	<u>7.94</u>	3.60	<u>98</u>	<u>97</u>

⁽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 2.3733.457¢ per kWh for each fixture.

Continued to Sheet No. 6.810

ISSUED BY: N. G. TowerA. D.Collins, President



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

Continued from Sheet No. 6.808

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

			Size			C	harges p	er Unit (\$	5)	
Rate	Code				kW	h ⁽¹⁾⁾			Base E	nergy ⁽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 <u>.835.</u> <u>41</u> 5.97 6.	1.74	0. 21<u>3</u> <u>1</u> 0.385	0.12<u>.1</u> 7
914		Roadway	5,392	47	16		<u>61</u> <u>8.97</u> 9.	1.74	0.385 5 0.741.	
921		Roadway/Area	8,500	88	31		<u>89</u> 6.83 7.	1.74	<u>07</u> 0.881.	0.43<u>.6</u>
926	982	Roadway	12,414	105	37	18	<u>43</u> <u>14.151</u>	1.19	<u>28</u> <u>1.12</u> 1.	2
932		Roadway/Area	15,742	133	47		<u>5.10</u> 11.74 1	1.38	<u>62</u> <u>1.19</u> 1.	
935		Area-Lighter	16,113	143	50		<u>2.90</u> 8.61<u>9.</u>	1.41	<u>73</u> 1.21<u>1.</u>	
937		Roadway	16,251	145	51		<u>73</u> 11.81 1	2.26	<u>76</u> <u>1.52</u> 2.	0.76<u>1.</u>
941	983	Roadway	22,233	182	64	32	<u>2.97</u> 16.07 1	2.51	<u>21</u> <u>2.042.</u>	<u>11</u>
945 947	984	Area-Lighter Area-Lighter	29,533	247	86 116	58	<u>7.45</u> 20.132	2.51 1.55	<u>97</u> <u>2.754.</u>	1.38<u>2.</u>
947 951	985	Flood	33,600 23.067	330 199	70	35	<u>2.01</u> 11.12 1 <u>2.69</u>	3.45	<u>01</u> <u>1.662.</u> <u>42</u>	<u>01</u> 0.83<u>1.</u> 21
953	986	Flood	33,113	255	89	45	21.482 2.82	4.10	<u>42</u> <u>2.11</u> <u>3.</u> 08	<u>21</u> 1.07 <u>1.</u> 56
956	987	Mongoose	23,563	225	79	39	11.78 <u>1</u> 2.68	3.04	1.87 <u>2.</u> 73	0.93 <u>1.</u> 35
958		Mongoose	34,937	333	117		1 <u>7.84</u> 1 9.52	3.60	<u>2.784.</u> 04	
965		Granville Post Top (PT)	3,024	26	9		5.80<u>6.</u> <u>48</u>	2.28	0.21 <u>.3</u> 1	
967	988	Granville PT	4,990	39	14	7	13.35<u>1</u> 4.55	2.28	0.33<u>.4</u> 8	0.17 <u>.2</u> <u>4</u>
968	989	Granville PT Enh ⁽⁴⁾	4,476	39	14	7	15.35<u>1</u> 6.39	2.28	0.33 <u>.4</u> <u>8</u>	0.17 .2 <u>4</u>
971		Salem PT	5,240	55	19		10.95 <u>1</u> <u>1.88</u>	1.54	0.45 <u>.6</u> 6	
972		Granville PT	7,076	60	21		14.62<u>1</u> 5.36 16.62 1	2.28	0.50 <u>.7</u> <u>3</u> 0.50.7	
973		Granville PT Enh ⁽⁴⁾	6,347	60	21		<u>8.15</u>	2.28	3	
975	990	Salem PT	7,188	76	27	13	13.17<u>1</u>	1.54	0.64<u>.9</u>	0.31<u>.4</u>

ISSUED BY: N. G. TowerA. D. Collins, President



SIXTH <u>SEVENTH</u> REVISED SHEET NO. 6.809 CANCELS FIFTH <u>SIXTH</u> REVISED SHEET NO. 6.809

							<u>4.04</u>		<u>3</u>	<u>5</u>
(1) -		1	1		1	1		L		
 ⁽¹⁾ Average ⁽²⁾ Average ⁽³⁾ The Base 	ge je wattage se Energy	 Actual wattage may vary b charges are calculated by m op. Customizable decorative 	y up to +/- 10 % ultiplying the kV	Vh times the ligl	nting base	energy rat	e of 2.373 3	. <u>457</u> ¢ per	kWh for ea	ach fixture.
⁽⁴⁾ Enhanc	ced Post To	op. Customizable decorative	options							
			Continued	d to Sheet N	No. 6.81	0				
ISSUE Presid	D BY: ent	N. G. TowerA. D.	<u>Collins,</u>		DA	TE EFF	ECTIV	E: Jan	uary 1,	2021





FOURTH FIFTH REVISED SHEET NO. 6.810 CANCELS THIRD FOURTH REVISED SHEET NO. 6.810

AN EMERA COMPANY

Continued from Sheet No. 6.808

Pole/Wire and Pole/Wire Maintenance Charges:

				Charge	Per Unit
Rate Code	Style	Description	Wire Feed	Pole/Wire	Maintenance
425	Wood (Inaccessible) ⁽¹⁾	30 ft	ОН	\$6.03<u>6.88</u>	\$0.17
626	Wood	30 ft	ОН	\$2.61<u>2.97</u>	\$0.17
627	Wood	35 ft	ОН	\$2.95<u>3.54</u>	\$0.17
597	Wood	40/45 ft	ОН	\$6.64 7.51	\$0.31
637	Standard	35 ft, Concrete	ОН	\$5.34<u>6.63</u>	\$0.17
594	Standard	40/45 ft, Concrete	ОН	<u>\$10.0011.56</u>	\$0.31
599	Standard	16 ft, DB Concrete	UG	<u>\$16.03</u> 17.21	\$0.14
595	Standard	25/30 ft, DB Concrete	UG	<u>\$21.5423.71</u>	\$0.14
588	Standard	35 ft, DB Concrete	UG	<u>\$23.5824.68</u>	\$0.34
607	Standard (70 - 100 W or up to 100 ft span) ⁽¹⁾	35 ft, DB Concrete	UG	\$11.33<u>14.25</u>	\$0.34
612	Standard (150 W or 100 -150 ft span) ⁽¹⁾	35 ft, DB Concrete	UG	\$15.38 <u>19.55</u>	\$0.34
614	Standard (250 -400W or above 150 ft span) ⁽¹⁾	35 ft, DB Concrete	UG	<u>\$23.2425.74</u>	\$0.34
596	Standard	40/45 ft, DB Concrete	UG	<u>\$27.7129.21</u>	\$0.14
523	Round ⁽¹⁾	23 ft, DB Concrete	UG	<u>\$20.4225.43</u>	\$0.14
591	Tall Waterford	35 ft, DB Concrete	UG	\$28.82 34.12	\$0.14
592	Victorian	PT, DB Concrete	UG	<u>\$24.5829.61</u>	\$0.14
593	Winston	PT, DB Aluminum	UG	\$13.72<u>15.55</u>	\$1.10
583	Waterford	PT, DB Concrete	UG	<u>\$21.1623.27</u>	\$0.14
422	Aluminum ⁽¹⁾	10 ft, DB Aluminum	UG	\$7.83 <u>9.69</u>	\$1.30
616	Aluminum	27 ft, DB Aluminum	UG	<u>\$27.8629.81</u>	\$0.34
615	Aluminum	28 ft, DB Aluminum	UG	<u>\$11.7912.70</u>	\$0.34
622	Aluminum	37 ft, DB Aluminum	UG	\$40.07<u>43.17</u>	\$0.34
623	Waterside	38 ft, DB Aluminum	UG	<u>\$37.4436.60</u>	\$3.85
584	Aluminum ⁽¹⁾	PT, DB Aluminum	UG	<u>\$17.0218.22</u>	\$1.10
581	Capitol ⁽¹⁾	PT, DB Aluminum	UG	<u>\$26.7027.92</u>	\$1.10
586	Charleston	PT, DB Aluminum	UG	<u>\$20.4321.51</u>	\$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	<u>\$20.5620.50</u>	\$1.10
589	Steel ⁽¹⁾	30 ft, AB Steel	UG	\$39.21 <u>41.27</u>	\$1.68
624	Fiber ⁽¹⁾	PT, DB Fiber	UG	\$7.12 9.36	\$1.30
582	Winston (1)	PT, DB Fiber	UG	<u>\$13.7215.06</u>	\$1.10
525	Franklin Composite	PT, DB Composite	UG	\$23.91<u>24.58</u>	\$1.10
641	Existing Pole		UG	\$4.95<u>5.28</u>	\$0.34
(1) Closed	to new business				
_		om Sheet No. 6.815			

Continued from Sheet No. 6.815

ISSUED BY: G. L. Gillette A. D. Collins, President DATE EFFECTIVE: February 6, 2018



TENTH ELEVENTH REVISED SHEET NO. 6.815 CANCELS NINTH TENTH REVISED SHEET NO. 6.815

Continued from Sheet No. 6.810

Miscellaneous Facilities Charges:

Rate Code	Description	Monthly Facility Charge	Monthly Maintenance Charge
563	Timer	\$7.54<u>8.29</u>	\$1.43
569	PT Bracket (accommodates two post top fixtures)	\$4.27<u>4.70</u>	\$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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



TENTH ELEVENTH REVISED SHEET NO. 6.815 CANCELS NINTH TENTH REVISED SHEET NO. 6.815

2.3733.457¢ per kWh of metered usage, plus a Basic Service Charge of \$40.5270 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 $\frac{2.3733.457}{2.373}$ ¢ per kWh of metered usage, plus a Basic Service Charge of $\frac{10.520.70}{2.00}$ 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

ISSUED BY: N. G. Tower<u>A. D. Collins</u>, President



THIRD FOURTH REVISED SHEET NO. 6.835 CANCELS SECOND THIRD SHEET NO. 6.835

Continued from Sheet No. 6.830

MONTHLY RATE: The monthly charge shall be calculated by applying the monthly rate of <u>1.190.93</u>% 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, 2.3733.457 ¢ 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, <u>GSLDPR</u>, <u>GSLDSU</u>, <u>GSLDTPR</u> or <u>GSLDTSU</u> <u>IS or IST</u>) 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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President





SECOND-THIRD REVISED SHEET NO. 7.550 CANCELS FIRST SECOND REVISED SHEET NO. 7.550

TAMPA ELECTRIC

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, <u>SBFSBD</u>, or <u>SBFTSBDT</u>) 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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President





TARIFF AGREEMENT FOR THE PURCHASE OF STANDBY AND SUPPLEMENTAL SERVICE

This agreement is made and entered into this_____day of______

(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 _____ (SBFSBD, SBFTSBDT, 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, SBFTSBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU or SBL) 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. <u>Back-up Power</u> - 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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President





b. <u>Maintenance Power</u> - 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<u>(for SBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU)</u>.

5. The Customer opts to take supplemental and standby service under the ______(SBF, SBFTSBD,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 <u>the same five (5)</u> three (3) years minimum notice the Customer is required to give the Company in advance of transferring to a <u>firm</u>_____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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President DATE EFFECTIVE: May 18, 2009

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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 <u>(SBF, SBFTSBD, SBDT, SBLDPR, SBLDSU, SBLDTPR or SBLDTSU or SBI</u>); 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, SBFTSBD, 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, SBFTSBD, 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

ISSUED BY: C. R. Black<u>A. D. Collins</u>, President





1. The Company agrees to furnish and the Customer agrees to take electric service subject to the terms and conditions of rate schedule ________ (<u>SBF, SBFTSBD, SBDT</u>, <u>SBLDPR, SBLDSU, SBLDTPR or SBLDTSU or SBI</u>_)</u> 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 <u>1.190.93</u>% 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	Termination
is Terminated	Factors
	%
1	3.9<u>1.32</u>
2	7.5<u>4.03</u>
3	10.8<u>6.51</u>
4	13.8<u>8.74</u>
5	16.4<u>10.72</u>
6	18.7<u>12.44</u>
7	20.6<u>13.91</u>
8	22.1<u>15.09</u>
9	23.3<u>15.99</u>
10	24.0<u>16.58</u>
11	24.3<u>16.85</u>
12	24.1 16.76
13	23.4<u>16.29</u>
14	22.1<u>15.42</u>
15	20.2<u>14.12</u>
16	17.7<u>12.36</u>
17	14.5<u>10.10</u>
18	10.5<u>7.31</u>
19	5.7<u>3.96</u>
20	0.0

ISSUED BY: G. L. Gillette A. D. Collins, President DATE EFFECTIVE: November 1, 2013



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 ScheduleVoltage Lev	<u>Adjustment Factor</u>
RS, GSSecondary	1.0526
GSD, SBFPrimary	1.0491
IS, SBISubtransmission	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

ISSUED BY: N. G. TowerA. D. Collins, President



ELEVENTH TWELFTH REVISED SHEET NO. 8.070 CANCELS TENTH ELEVENTH REVISED SHEET NO. 8.070

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	Basic Service	Rate	Basic Service
<u>Schedule</u>	<u>Charge (\$)</u>	<u>Schedule</u>	<u>Charge (\$)</u>
RS	15.05 .70	GST	20.07 .74
GS	18.06<u>.74</u>	GSDT (secondary)	30.10<u>.97</u>
GSD (secondary)	30.10<u>.97</u>	GSDT (primary)	130.44<u>7.28</u>
GSD (primary)	130.44<u>7.28</u>	GSDT (subtrans.)	993.27 22.47
GSD (subtrans.)	993.27<u>22.47</u>	SBFT SBDT	55.18<u>1.79</u>
SBF SBD	55.18<u>1.79</u>	(secondary)	155.51<u>8.10</u>
(secondary)	155.51<u>8.10</u>	SBFT SBDT	1,018.36<u>23.29</u>
<u>SBF-SBD</u>	1,018.36<u>23.29</u>	(primary)	624.05 23.71
(primary)	624.05<u>23.71</u>	SBFT <u>SBDT</u>	2,379.85<u>102.89</u>
SBF_SBD	2,379.85<u>102.89</u>	(subtrans.)	<u>24.53</u>
(subtrans.)	649.14<u>24.53</u>	IST <u>GSLDTPR</u>	<u>103.72</u>
IS	2,404.93<u>103.72</u>	(primary)	
<u>GSLDPR(primary</u>		IST GSLDTSU	
)		(subtrans.)	
IS GSLDSU		SBLDTPR	
(subtrans.)		SBLDTSU	
SBI SBLDPR			
(primary)			
SBI SBLDSU			
(subtrans.)			
When appropriate the	Basic Sorvice Charge	will be deducted from the	o Qualifying Eacility's

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

ISSUED BY: N. G. TowerA. D. Collins, President



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 ScheduleVoltage Level	Adjustment Factor
RS, GSSecondary	1.0526
GSD, SBFPrimary	1.0491
IS, SBISubtransmission	1.0172

Continued to Sheet No. 8.308

ISSUED BY: N. G. TowerA. D. Collins,

DATE EFFECTIVE: January 1, 2021

President



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.

<u>MonthDai</u>ly Basic Service charges, applicable to CEPs directly interconnected to the Company, by Rate Schedule are:

Rate	Basic Service	sic Service Rate			
<u>Schedule</u>	Charge (\$)	<u>Schedule</u>	Charge (\$)		
RS	15.05 .70	GST	20.07 .74		
GS	18.06 .74	GSDT (secondary)	30.10<u>.97</u>		
GSD (secondary)	30.10<u>.97</u>	GSDT (primary)	130.44<u>7.28</u>		
GSD (primary)	130.44<u>7.28</u>	GSDT (subtrans.)	993.27<u>22.47</u>		
GSD (subtrans.)	993.27<u>22.47</u>	SB <mark>D</mark> FT (secondary)	55.18 1.79		
SB <mark>D</mark> F(secondary)	55.18<u>1.79</u>	SB <mark>D</mark> ₣T (primary)	155.51<u>8.10</u>		
SB <mark>D</mark> F (primary)	155.51<u>8.10</u>	SB <mark>D</mark> FT (subtrans.)	1,018.36<u>23.29</u>		
SB <mark>D</mark> ₣ (subtrans.)	1,018.36<u>23.29</u>	<u>GSLDTPRIST (primary)</u>	<u>624.0523.71</u>		
<u>GSLDPR</u> IS (primary)	624.05 23.71	<u>GSLDTSUIST</u>	2,379.85 102.89		
<u>GSLDSU IS (subtrans.)</u>	2,379.85<u>102.89</u>	(subtrans.)	24.53		
<u>SBLDPR</u> SBI (primary)	649.14<u>24.53</u>	<u>SBLDTPR</u>	103.72		
<u>SBLDSU</u> SBI (subtrans.)	2,404.93<u>103.72</u>	<u>SBLDTSU</u>			

Continued to Sheet No. 8.314

ISSUED BY: N. G. TowerA. D Collins,

DATE EFFECTIVE: January 1, 2020

President



If CEP takes service under Rate Rider GSLM-2 or GSLM-3, an additional Basic Service Charge of \$200.006.57 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.

ISSUED BY: G. L. Gillette<u>N. G. TowerA.</u>

DATE EFFECTIVE: November 1, 2013

COMPARISON OF RATE CHARGES AND UNIT COSTS AT SYSTEM ROR

Page 1 of 11

	RATE		CU	RRENT	PR	OPOSED		UNIT		
LINE NO.	SCHEDULE	TYPE OF CHARGE	F	RATE		RATE	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 F	L Statutes	Per F	L Statutes	E-7	No change proposed
12	ALL	Late Payment Charge	1.5% o	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 T-O-D On-Peak	\$	54.96	\$ \$	69.15 137.13				Set at average RS energy rate charge.
38 39		T-O-D On-Peak T-O-D Off-Peak	\$ \$	125.94 30.53	ծ Տ	45.80				Derived using class on-pk and off-pk usage factors. (31.5% / 68.5%)
39 40		I-O-D OII-Peak	Ф	30.53	φ	45.60				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
41		Lineigency Relay Service - \$/WW	Φ	1.09	φ	1.01			Supp. D (Fys 7)	
42										

	RATE		С		Ρ	ROPOSED		UNIT		
LINE NO.	SCHEDULE	TYPE OF CHARGE		RATE		RATE		COST	REFERENCE	EXPLANATION
1		0057								
2	GSD, GSD Opt	., GSDT								
3		Desis Osmiss Observe Ause Dill								
4		Basic Service Charge - \$ per Bill								
5		Standard/Optional	¢	20.40	¢	20 52	¢	20 52		Cat at white and
6 7		Secondary	\$	30.10	\$	29.53	\$	29.53	Supp. B (Pgs 4-5)	Set at unit cost
-		Primary Subtransmission	\$	130.44	\$	221.42	\$	221.42	Supp. B (Pgs 4-5)	Set at unit cost
8 9		T-O-D	\$	993.27	\$	683.56	\$	683.56	Supp. B (Pgs 4-5)	Set at unit cost
9 10		Secondary	\$	30.10	\$	29.53	\$	29.53	Supp B (Dag 4 5)	Set at unit cost
10			э \$		э \$	29.53 221.42	ծ Տ		Supp. B (Pgs 4-5)	
12		Primary Subtransmission	\$ \$	130.44	э \$		ծ Տ	221.42	Supp. B (Pgs 4-5)	Set at unit cost
12		Subtransmission	\$	993.27	Þ	683.56	Ф	683.56	Supp. B (Pgs 4-5)	Set at unit cost
13		Demand Channel (Channel 1/1/1								
		Demand Charge - \$ per kW	¢	10.00	¢	12.00	¢	10 50	COS	Set based on COS unit cost
15		Standard Secondary	\$ \$	10.92 10.92	\$ \$	13.00	\$ \$	16.58	cos	Set based on COS unit cost
16 17		Standard Primary Standard Subtransmission	э \$	10.92	ծ Տ	15.00 16.00	ծ Տ	15.16 18.77	COS	Set based on COS unit cost
17		T-O-D	\$	10.92	Þ	16.00	Þ	10.77	COS	Set based on COS unit cost
18		Billing	\$	3.49	\$	4.15	\$	4.19	COS	
		Peak	э \$		э \$		Þ	4.19	COS	Set at approximate T&D unit cost.
20		Peak	\$	7.14	Þ	8.50				Remaining demand cost recovery.
21 22										
		Energy Charge - \$ per MWh	¢	45.00	¢	20.01				Data act to produce CCD revenue requirement
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 26		T-O-D On-Peak	\$	20.00	\$	42.50				
				29.08						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		Materian Valtana Adjustment 0/ of dom								
29 30		Metering Voltage Adjustment - % of dem	iand and energy chirgs	1%		1%		NA		No change proposed, reflects typical transformation losses
30 31		Primary Subtransmission		2%		2%		NA		No change proposed, reflects typical transformation losses.
		Subtransmission		2%		۷%		NA		No change proposed, reflects typical transformation losses.
32										
33		Delivery Voltage Credit								
34		Standard - \$ per kW	¢	(0.01)	¢	(0.05)	¢	(0.05)		Cat at white and
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 38		Optional - \$/MWH	۴	(1.02)	¢	(2.10)	¢	(2.16)	Supp B (Dg C)	Set et unit gent
38 39		Primary Subtransmission	\$ \$	(1.93)	\$	(2.16)	\$	(2.16)	Supp. B (Pg 6)	Set at unit cost.
		Subtransmission	\$	(2.99)	\$	(8.13)	\$	(8.13)	Supp. B (Pg 6)	Set at unit cost.
40		Emorropov Bolov Samilar								
41		Emergency Relay Service	¢	0.72	¢	0.70	¢	0.72	Supp B (Dg Z)	Set et unit gent
42		Standard - \$ per kW	\$		\$	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	•	0.01	•	0.04				No share an anno 1
46		Penalty	\$	2.01	\$	2.01		NA		No change proposed
47		Credit	\$	(1.01)	\$	(1.00)		NA		No change proposed

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	RATE			CURRENT		DE	ROPOSED	UNIT		
LINE NO		TYPE OF CHARGE		RATE			RATE	COST	REFERENCE	EXPLANATION
1	SCHEDOLL		_	INALL				 0031		
2	CS									
3	00	Basic Service Charge - \$ per Bill								
4		Standard/Optional	4	6 18.	06	\$	22.63			Set at GS Standard customer charge.
4 5		Standard/Optional	4	o 10.	00	φ	22.05			Set at GS Standard customer charge.
6		Energy and Demand Charge -\$/MWH								
7		Standard	9	54.	06	¢	69.15			Set at GS Standard energy charge.
7 8		Standard	3	o 54.	90	\$	69.15			Set at GS Standard energy charge.
8 9										
9 10										
11										
12 13										
14	SBF, SBFT (Re	enamed SBD and SBDT)								
15		Basic Service Charge - \$ per Bill								
16		Secondary	9			\$	54.53			Set at GSD Customer Charge Daily Charge plus \$25 on Daily Basis.
17		Primary	9			\$	246.42			Set at GSD Customer Charge Daily Charge plus \$25 on Daily Basis.
18		Subtransmission	9	5 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	9			\$	13.00			Set at GSD Standard Demand Charge.
23		Standard Primary	9			\$	15.00			Set at GSD Standard Demand Charge.
24		Standard Subtransmission	9			\$	16.00			Set at GSD Standard Demand Charge.
25		TOD Billing	9		49	\$	4.15			Set at GSD TOD Billing Demand Charge.
26		TOD Peak	9	5 7.	14	\$	8.50			Set at GSD TOD Peak Demand Charge.
27										
28		Standby								
29		TOD Facilities Reservation			68	\$	2.64	\$ 2.64	Supp. B (Pg 10)	Set at unit cost.
30		TOD Power Supply Reservation			55	\$	2.22	\$ 2.22	Supp. B (Pg 10)	Set at unit cost.
31		TOD Power Supply Demand	9	G 0.	62	\$	0.88	\$ 0.88	Supp. B (Pg 10)	Set at unit cost.
32										
33		Energy Charge - \$ per MWh								
34		Supplemental								
35		Standard	9			\$	20.91			Set at GSD Standard Energy Charge.
36		T-O-D On-Peak	9			\$	42.50			Set at GSD TOD On-Peak Energy Charge.
37		T-O-D Off-Peak	9			\$	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	9	6 0.	72	\$	0.72	\$ 0.72	Supp. B (Pg 7)	No change proposed.
42										
43		Metering Voltage Adjustment - % of demand a	nd energy cl	•						
44		Primary			0%		-1.0%	NA		No change proposed.
45		Subtransmission		-2.	0%		-2.0%	NA		No change proposed.
46										
47										

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LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	с	URRENT RATE	PI	ROPOSED RATE		UNIT COST	REFERENCE	EXPLANATION
1	SCHEDULE	TTFE OF CHARGE		RATE		RATE		031	REFERENCE	EXPLANATION
2										
3	SBF, SBFT (con	t)								
4	001,0011(0011	,								
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	10.107.00	T (11 001 D)								
19		ers Transferred to GSLD)								
20		Basic Service Charge - \$ per Bill	¢	624.05	¢		¢			
21 22		Primary Subtransmission	\$ \$	624.05 2,379.85	\$ \$		\$ \$			
22		T-O-D	Φ	2,379.05	φ	-	φ	-		
23		Primary	\$	624.05	\$	_	\$	-		
25		Subtransmission	\$	2,379.85	Ψ \$		\$	_		
26		Gubtransmission	Ψ	2,075.00	Ψ		Ψ			
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 deman	d and energy chrgs							
41		Primary		0%						
42		Subtransmission		-1%						
43										
44										
45										

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	RATE				IRRENT	F	ROPOSED		UNIT			
LINE NO.	SCHEDULE	TYPE OF CHARGE	-		RATE		RATE		COST	REFERENCE	EXPLANATION	
1												
2	IS, IST (cont.)											
3		Delivery Voltage Credit										
4 5		Standard - \$ per kW										
6		Primary		\$	-	\$	-					
7		Subtransmission		\$ \$	(1.14)	\$						
8		Cabitationinosion		Ŷ	()	Ŷ						
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 (Custo	omers Transferred to SBGSLD)										
19		Basic Service Charge - \$ per Bill										
20		Primary		\$	649.14	\$	-					
21		Subtransmission		\$	2,404.93	\$	-					
22												
23 24		Demand Channel & new WW										
		Demand Charge - \$ per kW Supplemental										
25 26		Standard		\$	4.07	\$		\$				
20		TOD Billing		\$ \$	4.07	\$		φ	-			
28		TOD Peak		Ψ \$	-	\$						
29		Standby		Ψ		Ψ						
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

SCHEDULE E-14	SUPPLEMENT A

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE		RRENT ATE	PR	OPOSED RATE	 UNIT COST	REFERENCE	EXPLANATION
1 2	CPI CPIT (cont	`							
2	SBI, SBIT (cont	.)							
4		Emergency Relay Service - \$/kW							
5		Supplemental/Standby	\$	1.62					
6		Supplemental standby	Ŷ						
7		Metering Voltage Adjustment - % of demand and en	erav chras.						
8		Primary	57 5	-1.0%					
9		Subtransmission		-2.0%					
10									
11									
12	GSLDPR,GSLD	TPR							
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 26		Energy Charge - \$ per MWh Standard			\$	12.72			Rate set to produce GSLDPR revenue requirement.
20		T-O-D on Peak			φ \$	25.63			Derived using Class on-pk and off-pk usage factors. (26.48%/ 73.52%)
28		T-O-D off Peak			Ψ \$	8.07			Derived using Class on-pk and off-pk usage factors. (26.48%/ 73.52%)
20					Ψ	0.07			Derived using class on-pk and on-pk dsage ractors. (20.4076/19.5276)
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									

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	RATE		CURRENT	PI	ROPOSED	UNIT		
LINE NO.	SCHEDULE	TYPE OF CHARGE	RATE		RATE	COST	REFERENCE	EXPLANATION
1						 		
2								
3	GSLDSU/GSLDTSU	J						
4		Basic Service Charge - \$ per Bill						
5	Su	btransmission						
6	Sta	andard		\$	3,086.70	\$ 3,086.70	Supp. B (Pg 5)	Set at unit cost.
7	Т-(D-D		\$	3,086.70	\$ 3,086.70	Supp. B (Pg 5)	Set at unit cost.
8								
9	De	mand 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	En	ergy Charge - \$ per MWh						
16	ş	Standard		\$	20.30			Rate set to produce GSLDPR revenue requirement.
17	Т-(D-D on Peak		\$	36.88			Derived using Class on-pk and off-pk usage factors. (24.28%/ 75.72%
18	Т-(D-D off Peak		\$	14.99			Derived using Class on-pk and off-pk usage factors. (24.28%/ 75.72%
19								
20								
21	En	nergency 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	5	Standard		\$	2.01	NA		No change proposed
27		T-O-U		\$	2.01	NA		No change proposed
28								
29	Po	wer Factor Credit - \$ per MVARh						
30		Standard		\$	(1.01)	NA		No change proposed
31	Т-0	D-U		\$	(1.01)	NA		No change proposed
32								
33								
34								
25								

SBLDPR/SBLDTPR Base: Service Charge - \$ per BII Primary \$ Sindadid \$ TOU \$ Opmand Charge - \$ per KW Supplemential Standard \$	LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE		OPOSED RATE		UNIT COST	REFERENCE	EXPLANATION
A Basic Service Charge - Sper BII A Primagy B Standard \$ 733.00 Supp. B (Pg 5) Set at unit cost C TOU \$ 733.00 Supp. B (Pg 5) Set at unit cost C Demand Charge - \$ per WA Suppersonal Suppersonal Suppersonal Suppersonal C Suppersonal Supp	-									
A Standard TOUB S S 753.00Supp. B Supp. B (Pg 6)Set at unit cost supp. B (Pg 6)777 <td< td=""><td>2</td><td>SBLDPR/SBLDTPR</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	2	SBLDPR/SBLDTPR								
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7 Dumand Charge - 5 per KW Supplemental Supplemental 10 Strundard \$ 15.00 \$ 205 Set based on COS unit cost. 11 TOD Baing \$ 4.70 \$ 3.87 COS Set assed on COS unit cost. 12 TOD Paak \$ 9.81 - Remaining demand cost recovery. 14 Stundby Demand \$ 1.22 \$ Supplemental Stundby Demand Set at unit cost. 15 St.F. Facilities Reservation \$ 2.22 \$ Supplemental Stundby Demand Set at unit cost. 16 Std. Power Supply Reservation \$ 2.22 \$ Supplemental Stundby Demand Set at unit cost. 19 TOD Power Supply Demand \$ 0.88 \$ 9.88 \$ Supplemental Stundby Demand Set at unit cost. 20 TOD Power Supply Demand \$ 0.88 \$ 0.88 Supplemental Stundby Demand Set at unit cost. 21 Energy Obarge - Sper MWh \$ 0.89 \$	6	TOU			\$	753.90				Set at unit cost
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37 38 Metering Voltage Adjustment - 39 % of demand and energy chrgs. 40 Primary -1.0% -1.0% NA 41 T-O-U -1.0% -1.0% NA No change proposed, reflects typical transformation losses.										Set at unit cost.
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41 T-O-U -1.0% -1.0% NA No change proposed, reflects typical transformation losses.			3, 3			-1.0%		-1.0%	NA	No change proposed, reflects typical transformation losses.
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RATE NO. SCHEDULE	E TYPE OF CHARGE	CURRENT RATE		POSED ATE		UNIT COST	REFERENCE	EXPLANATION
1							NEI EINENGE	
	LDTPR (cont.)							
3								
4	Power Factor Charge- \$ per MVARh							
	Power Factor Charge- \$ per MVARh Standard		•	0.04	•	0.04		No. do service a service a set
5			\$	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								
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18								
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LINE NO SOMEDULE TYPE OF CHARGE RATE RATE COST REFERENCE EXPLANATION 2 SBL/SU/SBL/DTUJ 3 Basic Service Charge - \$ per Bil 5 3.111.60 Step B (Pg 5) Set at unit cost 4 Stendard \$ 3.111.60 Step B (Pg 5) Set at unit cost Set at unit cost 6 TOU \$ 3.111.60 Step B (Pg 5) Set at unit cost Set at unit cost 9 Stephenital \$ 3.111.60 Step B (Pg 5) Set at unit cost Set at unit cost 9 Standard \$ 16.00 \$ 16.00 COS Set based on COS unit cost 10 TOD Baling \$ 5 1.1 \$ 2.55 COS Set based on COS unit cost 11 TOD Davide Step (Pg bennind \$ - \$ - Step (Pg 1) Set at unit cost 16 Star Fourbine Reservation \$ 2 Step (Pg 1) Set at unit cost Step (Pg 1) Set at unit cost 16		RATE		CURRENT	P	ROPOSED		UNIT		
SPLDSUPSUIUTSU Basics school Drugo - Sper BM Sindard Sindard Sindard Sindard TOU Supplemental Basics school Drugo - Sper KW Supplemental Basics school Drugo - Denk Sindard Basics Power Supply Reservation Sindard Standard School Denand Sindard Standard Sche Den	LINE NO.	SCHEDULE	TYPE OF CHARGE	RATE		RATE		COST	REFERENCE	EXPLANATION
Batic Service Charge - 5 per MP Supp. B (Pg 5) Set at unit cost. 7 Demand Charge - 5 per MV Supp. B (Pg 5) Set at unit cost. 9 Standard Supp. B (Pg 5) Set at unit cost. 9 Standard Supp. B (Pg 5) Set at unit cost. 9 Standard S 10.00 S Set at unit cost. 9 Standard S 10.00 S Set at unit cost. 10 TOD Bing S 10.00 S 12.00 Set at unit cost. 11 TOD Peak S 10.00 S 12.00 Set at unit cost. 12 Standard Demand S 2.22 S Supp. B (Pg 6) Set at unit cost. 13 Standard Demand S 0.28 Supp. B (Pg 6) Set at unit cost. 14 Standard Demand S 0.28 Supp. B (Pg 6) Set at unit cost. 15 Standard Demand S 0.28 Supp. B (Pg 6) Set at unit cost. 16 TOD Poner Supp. Reservatinn										
4 Standard 5 3,111 60 Supp. B (Pg. 5) Set at unit cost 70 Dumand Chargo - 5 per KW Supp. B (Pg. 5) Set at unit cost 8 Supplemental Supplemental Supplemental Supplemental 9 Bandard \$ 16.00 \$ Supplemental 10 TOD Peak \$ 10.00 \$ Set hased on COS unit cost 11 TOD Peak \$ 10.00 \$ Set hased on COS unit cost 11 TOD Peak Supplemental \$ 10.00 Set hased on COS unit cost 12 Standard Demand \$ 2.02 \$ Supp. B (Pg. 6) Set at unit cost 13 Standard Demand \$ 2.22 \$ Sup. B (Pg. 6) Set at unit cost 14 Std: Power Supple Meanvation \$ 2.22 \$ Sup. B (Pg. 6) Set at unit cost 15 Std: Power Supple Meanvation \$ 2.02 \$ Sup. B (Pg. 6) Set at unit cost 16 Std: Power Supple Meanvation \$ 2.02 \$ Sup. B (Pg. 6) Set at unit cost <		SBLDSU/SBLD								
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F Domaind Charge - \$ per KW Supplemental Supplemental 9 Shinded \$ 9 Shinded \$ 10 TOD Billing \$ \$ 11 TOD Pask \$ 0.000 12 TOD Pask \$ 0.000 13 Stander Demand \$ 2.25 COS 14 Stander Demand \$ 0.22 \$ 2.22 15 Stander Demand \$ 2.22 \$ 2.22 16 Stander Demand \$ 2.22 \$ 2.22 17 TOD Pask \$ 2.22 \$ 2.22 \$ Supplemental 18 Forwer Suppl Reservation \$ 2.22 \$ Supplemental \$ 100 17 TOD Power Suppl Reservation \$ 2.22 \$ Supplemental \$ 100 19 TOD Power Suppl Reservation \$ 0.88 \$ 0.88 \$ 100 10 TOP over Suppl Reservation \$ 0.88 \$ 0.88 \$ 100 10 TOP over Suppl Reservation \$ 2.08 \$ 0.88 \$ 100									··· · · • /	
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			- ·		\$	2.01	\$	2.01		No change proposed
41										
42 Power Factor Creidt - \$ per MVARh	42		Power Factor Creidt - \$ per MVARh							
43 Standard \$ (1.01) \$ (1.01) No change proposed	43		Standard		\$	(1.01)	\$	(1.01)		No change proposed
44 T-O-U \$ (1.01) \$ (1.01) No change proposed	44		T-O-U		\$		\$	(1.01)		No change proposed
45	45									

Page 10 of 11

	RATE			RENT	OPOSED	UNIT		
LINE NO.	SCHEDULE	TYPE OF CHARGE	R/	ATE	 RATE	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								
12								
13								
14								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31 32								
32 33								
33 34								
35								
36								
37								
38								
39								
40								
41								
42								
43								
44								
45								

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2	DERIVATION OF OTHER CHARGES AND CREDITS		
3			
4		<u>Page No.</u>	
5	INDEX	4	
6 7	INDEX	1	
8	DEVELOPMENT OF CUSTOMER CHARGES		
9	RESIDENTIAL AND GENERAL SERVICE NON-DEMAND	2	
10	GENERAL SERVICE DEMAND CLASSES	4	
11			
12	DEVELOPMENT OF DELIVERY VOLTAGE CREDIT	6	
13			
14	EMERGENCY RELAY POWER SUPPLY	7	
15		<u>_</u>	
16	POWER FACTOR	9	
17 18	STANDBY DEMAND AND ENERGY CHARGES	10	
19		10	
20	MONTHLY FACILITIES RENTAL AND TERMINATION FACTORS	11	
21			
22			
23			
24			
25			
26 27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37 38			
30 39			
40			
41			
42			
43			
44			
45			

TAMPA ELECTRIC COMPANY Development of Customer Unit Costs for RS and General Service Non-Demand

2	I. Meters, Services, and Customer Component of Distrik		RS	onenty		GS	
2	No. of Bills		8,685,732			854,556	
4	No. of Metered Customers		723,811			71,213	
5	No. of Un-Metered Customers		725,011			186	
6	No. of off-metered Customers		-			100	
7	COS: Total Meters, Services, and Distribution Custor	mer Component- \$/00	0)				
8		Rev Exp Factor \$	122,402		\$	13,143	
9		1.00263 \$	122,724		\$	13,177	
10	EPIS Amounts - \$(000).	1.00200 φ	122,124		Ψ	10,117	
11	A. Meters	\$	101,495	13.0%	\$	13,222	16.5%
12	B. Services	\$	191,944	24.5%	\$	18,878	23.5%
13		tomer Component \$	489,271	62.5%	\$	48,131	60.0%
14	Total	s	782,710	100%	\$	80,231	100%
15	, otai	Ψ	102,110	10070	Ψ	00,201	10070
17	A. Meters						
18			<u>RS</u>			GS	
19	Allocated Cost of Service - \$(000)	\$	15,914		\$	2,172	
20	Meter unit cost - \$/Bill	\$	1.83		\$	2.54	
21		Ŧ			Ŧ		
22	B. Services						
23			RS			GS	
24	Allocated Cost of Service - \$(000)	\$	30,096		\$	3,101	
25	Unit cost - \$/Bill	\$	3.46		Ŧ	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	<u>.</u>		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							

Line								
No.								
1	Continued from Page 2							
2				C	town on Channe		-	
3 4				Summary Cus	tomer Charge	Unit Cost	S	
4 5			RS		GS	G	s	GS
6					Standard	Time o	of Day	Un-metered
7		Meter	\$ 1.83		\$ 2.54	\$	2.54 3.63	\$-
8		Services	\$ 3.46		\$ 3.63	\$	3.63	\$ 3.63
9		Distr. Cust.	\$ 8.83		\$ 9.25 \$ 7.21	\$	9.25 7.21	
10 11		Billing,etc Total	\$ 7.18 \$ 21.31		\$ 7.21 \$ 22.63	\$	22.63	\$ <u>6.06</u> \$18.94
12		1 otdi	φ 21.01		φ 22.00	Ψ		
13		Proposed	\$ 0.70		\$ 0.74	\$	0.74	\$ 0.62
14								
15								
16 17								
18								
19								
20								
21								
22								
N 23 24								
N 23 24 25								
27								
28								
29 30								
30								
32								
33								
34								
35								
36								
37								
38								
39 40								
40 41								
42								
43								
44	Continued on Page 4							

Line No.

N

CI

1 Continued from Page 3 2 I. Meters, Services, IS Equipment, and Distribution Customer Component 3 GSD/SBD 4 No. of Metered Bills Secondary 202.752 5 Primary 1,356 6 Subtransmission 48 7 Total 204,156 8 9 No. of Customers Secondary 16,896 113 10 Primary 11 Subtransmission 4 17,013 12 Total 13 COS: Total Meters, Services, Distribution Customer Componenet- \$(000) 14 15 Distribution: MDS, Meters, Svcs, IS Equip, Lighting 4,827 16 17 Rev Exp Factor 1.00263 \$ 4,839 18 19 EPIS Amounts - \$(000). 20 A. Meters \$ 8.138 21 B. Services \$ 4,481 22 C. IS Equipment \$ -23 D. Distribution Customer Component \$ 11,466 24 Total 24,085 25 Meter Revenue Requirement 1,635,201 \$ 26 **GSD** Total Bills 204,156 27 A. Meters Average Cost Per Month \$ 8.01 28 29 2020 Data Meter Cost Monthly Cost 30 GSD Avg. Inst. Cost Ratio to Sec No. of Bills GSD Installed Cost No. of Cust SEC 16,184 \$ 1.00 SEC 31 \$ 9,221,386 569.78 202,752 \$ 6.55 32 PRI \$ 2,721,694 154 \$ 17,653.15 30.98 1,356 PRI \$ 202.88 103.28 33 SUBT \$ 297,292 5 \$ 58,848.07 48 SUBT \$ 676.30 12,240,371 34 \$ 16,343 1.22 204,156 35 weighted factor 36 37 B. Services Services Revenue Requirement \$ 900.295 38 **GSD Secondary Service Bills** 202.752 39 GSD Secondary Monthly Cost \$ 4.44 40 C. IS Equipment IS Equipment Revenue Requirement \$0.00 41 42 43 Dist Customer Revenue Requirement \$ 2,303,937 **D. Distribution Customer Component** 44 GSD Sec and Pri Service Bills 204.108 45 GSD Sec and Pri Monthly Cost \$ 11.29 46 47 48 II. Other: Meter Reading, Billing, Customer Service Other: Meter Reading, Billing, Cu 1,478 Other Customer Revenue Requiremer \$ 1,481,547 49 50 **GSD** Total Bills 204,156 51 Rev Exp Factor GSD Other Monthly Cost \$ 1.00263 \$ 1,482 7.26 52 53 54 Continued on Page 5 Total Rev Reg \$ 6.320.980

TAMPA ELECTRIC COMPANY Development of Customer Unit Costs for General Service Demand

Page 4 of 12

Summary: Proposed Tiered Customer Charges for GSD Rate Schedule:

Line No.	Cummary. Troposed Herea		300.0		••••					
1 Continued from Page 4					С	ost per Month				
2			S	econdary		Primary	Subtransn	nission		
3 4	Electric Meter		\$	6.55	\$	202.88	\$	676.30		
5 6	Secondary Service Lines		\$	4.44						
7 8	Distribution Customer Compo	onent	\$	11.29	\$	11.29				
9 10	Meter Reading, Billing, Custo	mer Service	\$	7.26	\$	7.26	\$	7.26		
11 12	Subtotal		\$	29.53	\$	221.42	\$	683.56		
13 14	IS Equipment		\$	-	\$	-	\$	-		
15 16	Total		\$	29.53	\$	221.42	\$	683.56		
17 18		Daily	\$	0.97	\$	7.28	\$	22.47	1	
19 20										
21				GSD	Pro	of of Revenue	Requirement	t		
2 2 2 3		Cost per Mo.	\$	29.53	\$	221.42	\$	683.56		Average 30.96
24 25 26		Bills		202,752		1,356		48		204,156
27		Revenue	\$	5,987,924	\$	300,245	\$	32,811	\$	6,320,980
28 29							Rev Req		\$	6,320,980
30 31							Difference		\$	-
32 33		Unit Cost			\$	721.06		,129.67		
34 35						GSLDPR		SLDSU	_	
36 37		Standby		ary daily ary daily	\$ \$	23.71 24.53		102.89 103.72		. Daily ndby Sub Daily

37 38 39 40

Continued on Page 6

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		D	evelopment of De Dollars in	Thousands	Credit			
Line N 1	lo. Continued from Page 5							
2	I. Distribution Primary/ Secondary Deliver	ry Costs						
3						G	SD/SBD	
4 5	Distribution Secondary Revenue Requiren	ments:	\$	15,124	1.00263	\$	15,164	
6	Distribution decondary revenue requirem	nonto.	Ψ	10,124	1.00200	Ψ	10,104	
7	Sum of Monthly Effective Billing KW	Seco	ondary				17,832,648 kW	
8							i	
9	Equals Delivery Voltage Credit for Primary	y Service \$/kW-mo				\$	0.85 \$/kW	
10 11								
12	Sum of Monthly KWH	Seco	ondary				7,036,377 MWH	
13	-						· · ·	
14	Equals Delivery Voltage Credit for Primary	y Service \$/MWH				\$	2.16 \$/MWH	
15								
16 17	II. Transmission/Distribution Primary Deliv	verv Costs						
18	<u></u>	<u>,</u>				G	SD/SBD	
19								
N 20 21	Distribution Primary Revenue Requiremen	nts (COS Page2				\$	42,627	
N 22	Sum of Monthly Effective Billing KW	Prim	arv				18,295,895 kW	
23			5					
- 24	Equal Delivery Voltage Credit for Subtrans	smission Service \$/kW-mo.				\$	2.33 \$/kW	
25 26								
20	Sum of Monthly MWH	Prim	arv				7,132,230 MWH	
28			5					
29	Equals Delivery Voltage Credit for GSD O	ption Rate \$/MWh				\$	5.98 \$MWH	
30 31								
32	Summary Proposed Delivery Voltage Cred	dit (\$/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 41	For StandbyCustomers:	Distribution Primary Delivery (\$/kW-mo) (COS Unit Cost))				\$ 1.93
41		Subtransmission Delivery (\$/kW-mo)		,				\$ 2.64
43		,	. ,					
44	Continued on Dage 7							
45	Continued on Page 7							

Tampa Electric Company Development of Delivery Voltage Credit Dollars in Thousands

TAMPA ELECTRIC COMPANY Development of Emergency Relay Power Supply Charges Dollars in Thousands

		Dollars in Thousands								
<u>ne No.</u> 1	Continued from Page 6				GSD/SBD	GSU	DPR/SBLDPR	GSI DSU/SB		Total
3					000/000	0011	BINGBEBIN	002200/02		Total
4	Total Distribution Primary System O&M w/o MDS Employed			\$	13,455.70	¢	1,735.03	¢	- \$	15,191
5				Ψ	10,400.70	Ψ	1,700.00	Ψ	- ψ	10,101
6	EPIS COS (without MDS Concept)									
7	Distribution Substation Plant		a.	\$	87,454	¢	11,277	¢	- \$	98,731
8	All Other Distribution Plant (primary)		a. b.	Ψ	343,190	φ	44,252			387,442
9			D. C.	\$	430,644	¢	55,529	φ		486,173
	Total Distribution Primary Plant		С.	Φ	430,044	φ	55,529		¢	400,173
10	Plant Ratio: b/c									79.7%
11	Piani Ralio. D/C									19.1%
12	Distribution Driver Custom OSM such dian Cubetation Transformers OSM								ŕ	40 405 0
13	Distribution Primary System O&M excluding Substation Transformer O&M								Ф	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	3,264,358
22										
23	Relay Service \$/MWh								\$	0.29
24										
25					GSD/SBD		DPR/SBLDPR	GSLDSU/SB	LDSU	Total
26		Rev Exp Factor		\$		\$	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		3	3,264,358
41	,				, - ,		, - ,			, - ,
42	Relay Service \$/MWh								\$	7.49
43	Ratio a/c:								Ŷ	20.3%
44	Weighted Average Substation Transformation Unit Cost \$/MWH								\$	1.52
45	J J								÷	
46	Relay Service \$/MWh								\$	1.52
47	Trunk Line O&M \$/MWH								\$	0.29
	Relay Service \$/MWH								\$	1.81
48	Relay Selvice O/IVIVI								2	1.01
49 50										
50										
51 52	Continued on Page 8									

52 Continued on Page 8

SCHED	ULE E-14 SUPPLEMENT B		Page 8 of 12
		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			0.000.045
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			
13			
15			
16			
17			
18 19			
20			
21			
22			
 23 24 25 26 			
24 25			
26			
27			
28			
29 30			
31			
32			
33			
34			
35 36			
30			
38	Continued on Page 9		

622

230

Line No.	Distribution Capacitor Costs											
1	Continued from Page 8											
2							Weigh					
3	Size				Cost	%		W. Cost				
4	<u>(kVAR)</u>	Location	<u>Cost</u>	<u>(</u> \$	<u>/kVAR)</u>	<u>Total</u>	(3	<u>\$/kVar)</u>				
5				•								
6	600	0 13 kV Feeder \$	\$ 5,223	\$	8.71	33.6%	\$	2.92				
7 8	120	0 13 kV Feeder \$	6,424	¢	5.35	52.7%	¢	2.82				
o 9	1200		p 0,424	φ	5.55	52.770	φ	2.02				
10	180	013kV Padmountec \$	\$ 27,500	\$	15.28	4.5%	\$	0.69				
11		o follo f danloulliot ç	21,000	Ŷ			Ŷ	0.00				
12	5040	0 69kV Sub. \$	\$ 600,000	\$	11.90	9.1%	\$	1.08				
13												
14	Total					100%	\$	7.52				
15								10.001				
16	Fixed Charge Rate (using 20-year tax life,	, 30-yr book life)						12.6%				
17 18	Annual Revenue Requiremens = Line 14	v Line 12 Cost					\$	0.95 per l				
18	Annual Revenue Requiremens = Line 14	x Line 13 Cost					Ф	0.95 per i	KVAR			
20	Monthly Rev. Req.					I	\$	0.08 per l	kVAR-mo			
21	montany rov. roq.					L	Ψ	0.00 001	ict a c mo.			
22	Distribution System Capacitor O&M											
22 23 24	3-year average						\$	997,483				
24												
25	System kVAR							1,392,600				
26												
27	Average \$/kVAR O&M Cost						\$	0.72 per l	kvar			
28 29						ſ	\$	0.06 per l	k)/AP mo			
29 30						L	φ	0.00 per i	KVAR-IIIO.	•		
31	Derivation of \$.001 per kVARh Credit a	nd \$.002 per kVAR P	enalty									
32	Assumptions:	··· • • • • • • • • • • • • • • • • • •	····· ,									
33	Customer-oriented capacitance cost = est	timated at 3 times utili	ity cost				\$	0.24 per k	<var-mo< td=""><td></td><td></td><td></td></var-mo<>			
34	Load Factor							60%				
35	Monthly Hours							720				
36								•				
37	Credit:	\$/kVARh= <u>\$/</u>			\$	<u>0.24</u> 432	=	\$	0.001			
38			.60 x 720 hrs.			432						
39 40												
40 41	Penalty:	\$/kVARh= 2	x PF Credit	=	2	x .001	=	\$	0.002			
42	. charry.	ψητιντατάτη Ζ	All r Ground		2			Ŷ	0.002			
43												
44												
45	Continued on Page 10											
	Continued on Page 10											

Tampa Electric Company Derivation of Power Factor Credit/Penalty

Tampa Electric Company Derivation of Standby Rate Charges

Line No.										
1	Continued from Page 9				(A)	(E		(C)		
2					COS	Sum of Mor		Demand Cost		
3		Rev Exp Factor			EV REQ		W)	[Col (A) / 0	Col (B)]	
4	1. Production and Transmission	1.00263	<u>(000"s)</u>			<u>12 mo. Avg.</u>	Sum of 12 CPs			
5	A) Production Demand - Tot. Retail System		. ,		83,121,830	3,786,656	45,439,866		\$ 15.03	
6	B) Transmission Demand - Tot. Retail System	(Tran + Subtr)	\$ 112,9	90 <u>\$ 1</u>	13,287,476	3,786,656	45,439,866		\$ 2.49	
7	C) Total (A) + (B)			\$ 79	96,409,306				\$ 17.53	
8		Transmission	62,3		_				_	
9	Secondary Level Demand Loss Factor	Subtransmission	50,6	644		1.0258	1.0121	1.0145	1.05326	
10						PRIMARY	SUBTRAN	OUTPUT		
11	Secondary Level Unit Demand Rate					VOLTAGE	VOLTAGE	TO LINE		
12	A) Production - Total Retail System								\$ 15.83	
13	B) Transmission - Total Retail System								<u>\$ 2.63</u>	
14	C) Total (A) + (B)								\$ 18.46	
15										
16	4. Coincidence Factor								12%	
17										
18	Monthly Reservation Charge (\$/KW)								\$ 2.22	
19										
20	6. Billing Days								21	4.76%
N 21										
() 22	Daily Demand Charge (\$/Day): (3C) / (6)								\$ 0.88	
23										
24		Rev Exp Factor	<u>C</u>	OS Rev R	eq	Ratcheted	Billing KW	Facilities Charge (\$/KW)	
25	8. Local Facilities - Standby	1.00263				(Ratchet Fa	actor 1.2%)	[Col (A) / Col (B)]		
26			(000's)							
27	A) Distribution - Primary	GSD + GSLDPR			48,250,548	20,809,446	24,971,336	kW	1.93	
28	B) Distribution Secondary	GSD	\$ 15,1	24 \$	15,163,648	17,832,648	21,399,177	kW	<u>0.71</u>	
29	C) Total (A) + (B)								2.64	
30										
31			\$ 42,6	27 \$	5,497	18,295,895	2,513,551			
32			GSD pri	i G	SLDPR	GSD pri	GSLDPR			
33										
34	Stand-by Energy Charge									
35										
36										
37		Rev Exp Factor	<u>C(</u>	OS REV R	EQ		Effective MWH		\$/MWH	
38		1.00263	(000's)					[C	ol (A) / Col (B)]	
39	9. Energy - Total Retail System		\$ 194,8	65 \$ 1	95,377,047		19,699,595		\$ 9.92	
40	. ,		,0	··· + ··	, ,		,,			
41	10. Secondary Level Unit Energy Rate								\$ 9.92	
41	10. Cocondary Lover Onic Energy Hate								÷ 0.02	
42										

Line No.							Daval	anmant a		ELECTRIC CO			antal Aara	omont						
Line No.							Devel	opment o	f Monthly Rental and T	ermination Fa	actors for i	-acilities R	ental Agre	ement						
2																				
2										for Diant Inc		Calaviatian								
3						A			Revnue Requirements	s for Plant ins	service for			<u>or</u>						
4						Assumptio			Capital Structure	A	0	Aftertax	Pretax					4.0504		
5						Total Instal	\$100		Туре	Amount	Cost	Cost	Cost		K Factor I	based on F	WOTRR	1.2584		
6									Common	55.0%	10.75%	10.75%	14.40%							
1						Book Life	33		Preferred	0.0%	0.00%	0.00%	0.00%		Lev. RR y			20		
8						Tax Life	20		Debt	<u>45.00%</u>	<u>3.30%</u>	<u>2.46%</u>	<u>3.30%</u>			R for 20 yr		\$125.8		
9						Tax Rate	25.345%	0.000/	Total	100.0%	7.40%	7.02%	9.40%			actor 20 y		11.12%		
10						Prop tax	1.70%		Equity & PF Cost		10.75%				Monthly L	.ev. RR Fa	ctor	0.93%		
11			•			Insurance	0.15%	0.00%		•	10		10			45			10	1 10 1
12		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
13																		Annual	PV of	Cum PV
14		D · V		- <i>(</i>		Net Plant				-	Accum.				-			Rev Req	Rev	of Rev
15		Begin Year		Def.		in Rate Bas		Average	MACRS	Tax	Def	Average	Book	Return on			Federal	(Fixed CC)	Req't	Req't
16	Year	Rate Base	Deprec.	Taxes	Year	End Year	Factor	Rate Base	<u>Tax Rate</u>	Deprec.	Taxes	Rate Base	Deprec	Rate Base	Tax	insurance	e Inc Taxes	<u>(\$000)</u>	<u>(\$000)</u>	<u>(\$000)</u>
17		400.00	0.00	0.40	0000	00 70		00.00	0 7500/	c ==	0.10	00.00	0.00	7.00		0.15	4.00		10.10	10.10
18	1	100.00	3.03	0.18	2022	96.79		98.39	3.750%	3.75	0.18	98.39	3.03	7.28	4.05	0.15	1.98	12.43	12.43	12.43
19	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
20	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
21	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
22	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
23	6 7	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
24	-	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
25	8 9	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
N ²⁶ 27	9 10	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 63.91	3.03 3.03	0.36	2031 2032	63.91 60.51		65.60 62.21	<u>4.461%</u> 4.462%	4.46	<u>5.79</u> 6.15	65.60 62.21	3.03 3.03	4.85	<u>1.24</u> 1.18	0.15	1.32 1.25	10.59 10.22	5.75 5.18	92.49 97.67
								58.82			6.52									
N 29 30	12 13	60.51 57.12	3.03 3.03	0.36 0.36	2033 2034	57.12 53.73		58.82 55.42	4.461% 4.462%	4.46 4.46	6.88	58.82 55.42	3.03 3.03	4.35 4.10	1.13 1.08	0.15 0.15	1.18	9.85 9.47	4.67 4.20	102.34 106.54
31 SU	13	57.12	3.03	0.36	2034	50.33		55.42 52.03	4.462%	4.46	7.24	55.42 52.03	3.03	3.85	1.08	0.15	1.11 1.04	9.47	4.20 3.77	110.30
		50.33	3.03		2035			52.03 48.64		4.46			3.03	3.60	0.98	0.15	0.98		3.38	
32 33	<u>15</u> 16	46.94	3.03	0.36	2030	46.94 43.55		40.04	<u>4.462%</u> 4.461%	4.46	7.61	48.64 45.24	3.03	3.35	0.98	0.15	0.98	8.73 8.36	3.02	113.68 116.70
34	10	40.94	3.03	0.36	2037	40.15		43.24	4.462%	4.40	8.33	45.24	3.03	3.33	0.88	0.15	0.91	7.99	2.70	119.40
34 35	17	43.55	3.03	0.36	2038	36.76		38.46	4.462%	4.46	8.69	38.46	3.03	2.84	0.88	0.15	0.84	7.99	2.70	121.81
36	10	36.76	3.03	0.36	2039	33.37		35.06	4.462%	4.40	9.06	35.06	3.03	2.64	0.82	0.15	0.77	7.82	2.40	121.01
37	20	33.37	3.03	0.36	2040	29.97		31.67	4.461%	4.46	9.42	31.67	3.03	2.33	0.77	0.15	0.64	6.88	1.90	125.84
38	20	29.97	3.03	(0.20)	2041	27.15		28.56	2.231%	2.23	9.42	28.56	3.03	2.11	0.72	0.15	0.57	6.54	1.68	127.52
39	22	27.15	3.03	(0.20)	2042	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
40	23	24.89	3.03	(0.77)	2040	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
40	23	22.62	3.03	(0.77)	2044	20.36		21.49	0.000%	0.00	6.91	21.49	3.03	1.59	0.52	0.15	0.40	5.72	1.20	131.57
42	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
42	25	18.10	3.03	(0.77)	2040	15.84		16.97	0.000%	0.00	5.38	16.97	3.03	1.42	0.40	0.15	0.39	5.45	0.95	133.59
43	20	15.84	3.03	(0.77)	2047	13.57		14.70	0.000%	0.00	4.61	14.70	3.03	1.20	0.41	0.15	0.34	4.92	0.95	134.43
44	28	13.57	3.03	(0.77)	2040	11.31		12.44	0.000%	0.00	3.84	12.44	3.03	0.92	0.30	0.15	0.30	4.66	0.75	135.18
45	20	11.31	3.03	(0.77)	2049	9.05		10.18	0.000%	0.00	3.04	10.18	3.03	0.32	0.26	0.15	0.20	4.40	0.66	135.84
47	30	9.05	3.03	(0.77)	2050	6.79		7.92	0.000%	0.00	2.30	7.92	3.03	0.59	0.20	0.15	0.16	4.13	0.58	136.41
48	31	6.79	3.03	(0.77)	2052	4.52		5.66	0.000%	0.00	1.54	5.66	3.03	0.33	0.21	0.15	0.10	3.87	0.50	136.92
49	32	4.52	3.03	(0.77)	2052	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
50	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
51	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	0.02	0.00	0.00	137.74
52	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
02		0.00	0.00	0.00	2000	0.00		0.00	0.00070	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

TAMPA ELECTRIC COMPANY

Continued to Page 12

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ine No.				Dovelopmor	TAMPA It of Monthly Rental and Terr	ELECTRIC COMPANY	litios Pontal Agroomo	nt (Cont.)		
10 NO.	Continued f	rom Page 11		Developmen	it of Monthly Rental and Ten	nination Factors for Faci	inties Rental Agreeme	nt (Cont.)		
2	Continued in	iulli Fage I i								
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0	r.	(1)		(2)	(2)	(4)	(E)	(6)	(7)	(0)
о 9		(1)		(2)	(3)	(4)	(5)	(6)		(8)
9 10		PV	Nominal	Nominal	PV	(2) x (3) PV	PV	PV	(5) - (6) PV	(7) / (3) Nominal
		Annual	Annual	Levelized	Discount	Levelized	Cumulative	Cumulative	Termination	Termination
11 12		FCR	FCR	FCR	Factor	FCR	Annual	Levelized	Factor	Factor
	H									
13	1	0.124 0.128	0.124 0.137	0.111 0.111	1.000 0.934	0.111 0.104	0.124 0.253	0.111	1.3%	1.32%
14	2							0.215	3.8%	4.03%
15	3 4	0.116	0.133	0.111	0.873	0.097	0.369	0.312	5.7%	6.51%
16		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 27	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%
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DLOBUNG SPACE COMMING DPLANTING Description interpretation of the description is antiputed transmit some if the description is antif the descriputed transmit some if the descriptis antiputed tran	SCHEDUL	E E-15		PROJECTED BILLING DETERMINANTS - DERIVATION	Page 1 of 1
CONTRACT LECENCE COMMAN Integrating length 2000 (2	FLORIDA	PUBLIC SERVICE COMMISSI	EXPLANATION:	Trace how the billing determinants were derived from the preliminary forecasts used for te	test year budget. Type of data shown:
but the second of the nurber of distorters and MMs side by castorer dates much by the Lod Research and Foresating Diagnament for all prevented by where MS. Charlers in MBs side synce and MMs side by a castorer with much and foresating Diagnament for all prevented by where MS. Charlers in MBs side synce and MMs side by a castorer with much and foresating Diagnament for all prevented by where MS. Charlers in MBs side synce and MMs side by a castorer with much and foresating Diagnament for all prevente and side states and the state is the reseating Diagnament for all preventes and states and MMs side by a castorer with much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side state reventes and states and much and the side states				Provide supporting assumptions and details of forecasting techniques. Reconcile the billi	ling determinants with XX Projected Test Year Ended 12/31/2022
Cutomers like and Win sales for the number of outsomer and Win sales for security of the forecast on a do not have before on a do not not a docknown and Win sales for security of the forecast on a do not not a docknown and Win sales for security of the forecast on a do not not a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales for the forecast on a docknown and Win sales in a docknown and Win sales for the forecast on a docknown and Win sales in a summation. There are docknown and the dock and the docknown and wing the and the dock and the docknown and wing the and the dock and the docknown and wing the and the docknown a	COMPANY	TAMPA ELECTRIC COMPANY		the forecast by customer class determinants with the forecast by customer class in the T	Ten-Year-Site Plan. Projected Prior Year Ended 12/31/2021
Customs Bills and MMN-Bate The forecasts or the number of customer and MMN takes by outcomer data is made by the Load Research and Forecasting Department and is presented by whites Msc. Clientes in this proceeding. Conversion of these revente data forecasts is note schedule forecasts are also done by the Load Research and MNN askes to the increasting alling determination for reverse catacitations. The forecasting human and MMN askes to the increasting alling determination for reverse catacitations. The forecasting human and MMN askes to the increasting alling data for the schedule and hubble by the Load Research and Forecasting Human and MMN askes to the increasting alling data for the schedule and hubble by the Load Research and forecasting the indication of customer and MMN askes to the schedule and hubble data and along the increasting the indication of customer and MMN askes to the schedule as all based on the schedule and hubble data and material is a summation. These research all hubble data for the 18, 157, 581, 581, 581, 581, 581, 581, 581, 581					
Sector 10 He control of actionne and Min alue to outsine risks to the the configure due to information in grouper into a field information of the control or outsines and Min alue to outsines and Win alue to be activation of control outsines and Win alue to the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to be activation of the control outsines and Win alue to the soft to be 18, 55, 58, 58, 58, 58, 58, 58, 58, 58, 5	DOCKET I	No. 20210034-EI			Witness: W. R. Ashburn/ L. L. Cifuentes
A concert of the number of customer and MM sales to customer races is node by the Load Reaserch and Forecasting Departmer for use in presenting builting determinants for prevenue custoalistics. The forecasting and mMH sales by the Load Reaserch and Forecasting Departmer for use in presenting builting determinants for prevenue custoalistics. The forecasting and mMH sales by the Load Reaserch and MH sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of an each mease and which sales to the sale of the sales of an each mease and which sales to the sale of the sales of an each mease and which sales to the sale of the sales of an each mease and which sales to the sale of the sales of an each mease and which sales to the sale of the sales of the sales of the sales of the sale of the sales o					
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detects for each table is detected is an also date by the Laid Research and Torecasting Dipage detecting Using determines for even use classed out, the is conclusions and MMN sales by the right projects. The LS die schedule's conclusions receiving a bill for lighting services only. The lighting facture forecast is based on clusioner growth projections and heliotic bends and includes special large scale lighting projects. Calsborrar and MMN sales for the LS, ET, SU, ESF and SET rule schedule and the clusion and when the bill and mobiler of cultioners and MMN sales is a summation. These cate closelules will be transformed in the other processor distribution of cultioners and MMN sales is a summation. These cate closelules will be transformed in the other processor distribution distribution of used and and with the provide schedule and the table is a set of the class of the loss in number of cultioners and MMN sales is a summation. These cate closelules will be transformed in the other processor distribution of used and mobile will be a perimeter of used and will be transformed in the other processor distribution of used and mobile will be an entitionary or subtremensions leaved. If the class growthe mobile of the class are listed as the set of the class are listed as the listed below and along with an exclusion of how the billing detamation set we derived. SEC Prove 2022 lest years, the equit new proposed rate schedules are the dates are listed below and along with an exclusion of how the billing detamation were new listing detamation were derived. SEC Prove 2024 left (Prinnary verecol. Class Stredule and the construme Stredule Amount on the 1000 WM and previously estilled prinary served hemotypical Below and the construme set the listing detamation server 1000 WK. SEC Prove Prove Stredule and advections of Garran Below (Strely Terrans-Clays (BR)) reduce stretures with billing detamation server 1000 WK. SEC DISU (Qubtarrentins enewer). This includes and using Bandraby					
 should are based on each rate schedules processing contribution of customers and MWh tables to their respective revenue dates during the prior 12 month period. The LS the schedules valutimer count is based on those customers receiving a bill for lighting services only. The lighting future forecast is based on customer growth projections and historic tends and includes special large scattering in the growth customer count is based on their respective revenue dates during the priority or subtamers in the schedules will be used on their respective revenue dates along with an explanation of how the billing demand is over 1.000 KW. For the 2022 test years for SRPT. Current SRPT rate schedules are benefated schedules are loaded based on their respective revenue dates during the priority or subtamers insistion served. The includes explanation to the respective revenue dates during the priority or subtamers insistion served. The includes explanating transmy served from the respective revenue dates with billing demands over 1000 KW and previously additing primary served hemutgable. SRPT relates the future dates and the priority or subtamers insisting primary served. The includes explanating primary served from dates and the private as an exclude table to the content with billing demands over 1000 KW. SRDTPR (Primary served). This includes explanating primary served Standary time (SRDT) rate customers with billing demands over 1000 KW and previously additing time revenues. SRDTPR (Primary served). This includes explanating demand Standary time revenues with hilling demands over 1000 KW and previously additing timeradites (SRDT) and customers with billing demands over 1000 KW and previously additing timeradites (SRDT) and customers with billing demands over 1000 KW and previously additing timeradites (SRDT) and customers with billing demands over 1000 KW. SRDTPRI (Primary served). This includes exeling Bandary timer (SRDT) rate customers with bi					
The LS rule schedule's customer count is based on those customers receiving a bill for lighting services only. The lighting future forecast is based on customers growth projections and historic trends and includes special large scale lighting projects. Customers and MVh sales for the 15, 157, 158L SBF and CBFT rate schedules are torecasted individually, therefore he total number of customers and MVh sales is a summation. These rate schedules will be transformed in the eight new projection and historic trends and includes special large scale lighting projects. Por the 2022 last year, the eight new proposed rate schedules and two retarned schedules are listed below and along with an explanation of how the billing determinates were derived. SBDT [retiremed from SBFTCurrent SBFT rate used - 1000 kW will have a name change to SBDT. SBDT [Retirmany served]. This includes existing primary served General Service Demand (CB) rate customers with billing demands greater than 1000 kW and previously existing primary served Interruptible (S) rate customers. SBLDTRR (Primary served). This includes existing primary served General Service Demand (CB) rate customers with billing demands over 1000 kW. SBLDTRR (Primary served). This includes existing primary served General Service Demand (CB) rate customers with billing demands over 1000 kW. SBLDTBR (Primary served). This includes existing primary served General Service Demand (CB) rate customers with billing demands over 1000 kW. SBLDTBR (Primary served). This includes existing damaral service Demand (CB) rate customers. SBLDTBU (Subtramension nervel). This includes existing brime beam of the scheduler with billing demands over 1000 kW. SBLDTBU (Subtramension nervel). This includes existing General Service Demand (CB) rate customers with billing demands over 1000 kW. SBLDTBU (Subtramension nervel). This includes existing General Service Demand (CB) rate customers with billing demands over 1000 kW. SBLDTBU (Subtramension nervel). This includes existing General Service Demand (CB					-
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Is plants projects. In the other with the other memory or subtransmission served, if their billing denands is a summation. These rate schedules will be transferred in no eight new proposed rate schedules and two meaned schedules are listed below and along will an explanation of how the billing determinates were derived. ro the 2022 lest year, the eight new proposed rate schedules and two meaned schedules are listed below and along will an explanation of how the billing determinates were derived. ro the 2022 lest year, the eight new proposed rate schedules and two meaned schedules are listed below and along will an explanation of how the billing determinates were derived. ro the 2022 lest year, the eight new proposed rate schedules and two meaned schedules are listed below and along will an explanation of how the billing determinates were derived. ro the 2022 lest year, the eight new proposed rate schedules earling to SBUT. ro the 2022 lest year, the eight new proposed rate schedules ware than a transpin to SBUT. ro the 2021 level and BID CUMW will have a nime charge to SBUT. ro SBUTPR (Primary served). This includes exiting primary served General Service Demand (CSD) rate customers with billing demands over t1000 kW. ro SBUTPR (Primary served). This includes exiting General Service Demand (CSD) rate customers with billing demands over t1000 kW. ro SBUTPR (Primary served). This includes exiting General Service Demand (CSD) rate customers with billing demands over t1000 kW. ro SBUTPR (Primary served). This		T			
Current of the schedule for the IS IST, SBI, SBF and SBFT rate schedules are forecasted individually, therefore the total number of customers and MMh scies is a summation. These rate schedules will be transferred into eight new proposed rate schedules (below) based on their service type (plain, standy, time of use) and whether they an primary or subtamanission served, if their biling demand is over 1.000 kW. SBD [remained from SBFT - Current SBFT rates used is a divelop of their service bype (plain, standy, time of use) and whether they an primary or subtamanission served, if their biling demand is over 1.000 kW and previously existing primary served intervice bype (plain, standy, time of use) and whether they an ap financy of how the biling demands served returned. SBD Freemand from SBFT - Current SBFT rates used into their service bype (SBT). SBDFR (Primary served) - This includes existing primary served Ghandy Frim (SBF) and Standy themupble (SB) rate customers with biling demands greater than 1000 kW and previously existing primary served Interruptibe (SB) rate customers with biling demands over 1000 kW. SBLDFR (Primary served) - This includes existing primary served Standy Frim (SBF) and Standy Interruptibe (SB) rate customers with biling demands over 1000 kW. SBLDFR (Primary served) - This includes existing Standy Frim (SBF) and Standy Interruptibe (SB) rate customers with biling demands over 1000 kW. SBLDFR (Primary served) - This includes existing Standy Prim (SBF) and Standy Interruptibe (SB) rate customers with biling demands over 1000 kW. SBLDFR (Primary served) - This includes existing Standy Prim (SBF) and Standy Interruptibe (SB) rate customers with biling demands over 1000 kW. SBLDFUS (Subtrammission served) - This includes existing Standy Prim (SBF) and Standy Interruptibe Time-d-Day (SBT) rate customers with biling demands over 1000 kW. SBLDFUS (Subtrammission served) - This includes existing Standy Prim (SBF) and Standy Interruptibe Time-d-Day (SBT)			int is based on those of	ustomers receiving a bill for lighting services only. The lighting lixture forecast is based on	n customer growin projections and historic trends and includes special large scale
11 Customers and WMN safes for the IS, IST, SIR, SIR and SIRT The schedules and individually, threefore the toda number of customers and MMN safes is a summation. These rules chedules will be transferred 12 individual exclusion provide rules schedules (biolou) based on their service type (plain, standby, time of use) and whether they are primary or subtransmission served, if their billing determinates were derived. 13 For the 2222 test year, the eight new proposed rules schedules and two resumed schedules are listed bolow and along with an explanation of how the billing determinates were derived. 14 For the 222 test year, the eight new proposed rules schedules and two resumed schedules are listed bolow and along with an explanation of how the billing determinates were derived. 15 -SUDTP (Primary served). This includes exciting primary served feared Service Demand Time-of-Day (SGDT) rule customers with billing demands ore rule 000 kW and previously exciting primary served interruptible (SID) rule customers with billing demands ore rule 000 kW and previously exciting primary served interruptible (SID) rule customers with billing demands orer 1000 kW and previously exciting primary served frame, SID (SiD) rule customers with billing demands are rule to 100 kW and previously exciting interruptible (SID) rule customers with billing demands are rule to 100 kW and previously exciting interruptible (SID) rule customers with billing demands over 1000 kW and previously exciting Interruptible (SID) rule customers with billing demands over 1000 kW and previously exciting Interruptible (SID) rule customers with billing demands are rule to 100 kW and previously exciting Interruptible (SID) rule customers. 15 SUDDSU (Subtamentission served)		lignung projects.			
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For the 2022 list, year, the eight new proposed rate schedules and how named schedules are listed below and along with an explanation of how the billing determinates were derived. SBD [returned from SBT] - Current SBT rates under 1,000 KW wilh have a name change to SBD. SBDT [returned from SBT] - Current SBT rates under 1,000 KW wilh have a name change to SBD. SBDT [returned from SBT] - Current SBT rates under 1,000 KW wilh have a name change to SBD. SBDT [returned from SBT] - Current SBT rates under 1,000 KW wilh have a name change to SBD. SBDTPR (Primary served) - This includes existing primary served General Service Demand Time-of-Day (SDT) rate customers with billing demands greater than 1000 KW and previously existing primary served Interruptible (S) rate customers. SBLDPR (Primary served) - This includes existing Sandry Firm (SBT) and Sandry Interruptible (SB) rate customers with billing demands over 1000 KW. SBLDPR (Primary served) - This includes existing Sandry Firm (SBT) and Sandry Interruptible (SB) rate customers with billing demands over 1000 KW. SBLDPR (Primary served) - This includes existing Sandry Firm (SBT) and Sandry Interruptible (SB) rate customers with billing demands greater than 1000 KW and previously existing Interruptible (SI) rate customers. SBLDPR (SI) file dustamentission served) - This includes existing Sandry Firm (SBT) and Sandry Interruptible (Time-of-Day (SBT) returned served) - This includes existing Sandry Firm Time-of-Day (SBT) rate customers with billing demands over 1000 KW. SBLDTSU (Subtramentission served) - This includes existing Sandry Firm Time-of-Day (SBT) rate customers with billing demands over 1000 KW. SBLDTSU (Subtramentission served) - This includes existing Sandry Firm Time-of-Day (SBT) rate customers with billing demands over 1000 KW. SBLDTSU (Subtramentission served) - This includes existing Sandry Firm Time-of-Day (SBT) rate customers with billing demands over 1000 KW.				-	
4 For the 2022 etry ser, the sight new proposed the schedules are lated below and along with an explanation of how the billing determinates were derived. >SBD [reanmed from SBF] - Current SBF rates under 1,000 WW ill have a name change to SBD. 5 - SSD EPR (Finning versed) - This includes existing primary served General Service Demand (TsOD) rate customers with billing demands greater than 1000 W and previously existing primary served Interruptible (S) rate customers. 6 - SSD EPR (Finning versed) - This includes existing primary served General Service Demand (TsOD) rate customers with billing demands greater than 1000 W and previously existing interruptible (S) rate customers. 6 - SSD EPR (Finning versed) - This includes existing General Service Demand (TsOD) rate customers with billing demands over 1000 kW. 6 - SSD SUS (Subtransmission served) - This includes existing General Service Demand (SSD) rate customers with billing demands over 1000 kW. 6 - SSD SUS (Subtransmission served) - This includes existing General Service Demand (SSD) rate customers with billing demands over 1000 kW. 6 - SSD SUS (Subtransmission served) - This includes existing Standy Firm (SBF) and Standy Interruptible (The or-Day (SB) rate customers with billing demands over 1000 kW. 6 - SSD SUS (Subtransmission served) - This includes existing Standy Firm (SBF) and Standy Interruptible (The or-Day (SB) rate customers with billing demands over 1000 kW. 7 W Billing Demands W Billing Demands over 1000 kW. 8 - SSD SUS (Subtransmission ser		into eight new proposed rate schedul			
 SBD [retarated tem SBF] - Current SBF rates under 1.000 KW will have a name change to SBD. SBDT [retarated from SBT] - Current SBF rates under 1.000 KW will have a name change to SBD. GSLDTRP (Primary served) - This includes existing primary served General Service Demand (SSD) rate customers with biling demands greater than 1000 KW and previously existing primary served Interruptible (SI) rate customers. GSLDTRP (Primary served) - This includes existing primary served Standby Firm (SBP) and Standby Interruptible (SB) rate customers with biling demands over 1000 KW. SBLDTRP (Primary served) - This includes existing General Service Demand (SSD) rate customers with biling demands greater than 1000 KW and previously existing primary served Interruptible (SI) rate customers with biling demands greater than 1000 KW and previously existing interruptible (SI) rate customers. SBLDTRP (Primary served) - This includes existing General Service Demand (SSD) rate customers with biling demands greater than 1000 KW and previously existing interruptible (SI) rate customers. GSLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SSD) rate customers with biling demands greater than 1000 KW and previously existing interruptible Time-of-Day (ST) rate customers. SBLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBT) rate customers with biling demands over 1000 KW. SBLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBT) rate customers with biling demands over 1000 KW. SBLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBT) rate customers with biling demands over 1000 KW. SBLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBT) rate customers. KW Biling Demands 		For the 2022 test year, the eight new	proposed rate schedu	es and two renamed schedules are listed below and along with an explanation of how the	e billing determinates were derived.
 - GSLDPR (Pinary served) - This includes existing primary served General Service Demand (GSD) rate customers with biling demands greater than 1000 kW and previously existing primary served Interruptible (IS) rate customers. - GSLDPR (Pinary served) - This includes existing primary served Standty Firm (SBF) and Standty Interruptible (SB) rate customers with biling demands over 1000 kW. - SSLDPR (Pinary served) - This includes existing primary served Standty Firm (SBF) and Standty Interruptible (SB) rate customers with biling demands over 1000 kW. - GSLDSU (Subtransmission served) - This includes existing General Service Demand (GSD) rate customers with biling demands greater than 1000 kW and previously existing Interruptible Time-of-Day (IST) rate customers. - GSLDSU (Subtransmission served) - This includes existing General Service Demand (GSD) rate customers with biling demands greater than 1000 kW and previously existing Interruptible Time-of-Day (IST) rate customers. - GSLDSU (Subtransmission served) - This includes existing General Service Demand (GSD) rate customers with biling demands greater than 1000 kW and previously existing Interruptible Time-of-Day (IST) rate customers. - GSLDSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (ISD) rate customers with biling demands over 1000 kW. - SBLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBF) rate customers. - SBLDTSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBF) rate customers with biling demands over 1000 kW. - SBLDTSU (Subtransmission served) - This includes existing Standby Firm (The-of-Day (SBF) rate customers with biling demands over 1000 kW. - For each demand rate schedule, historical relationships between monthy KW biling demand and MWh sales are evaluated to arrive at a typical (avera	15				•
 G&DTPR (Primary served) - This includes existing primary served Standby Firm (SBF) and Standby Interruptible (SBI) rate customers with billing demands greater than 1000 kW and previously existing primary served Interruptible SBLDTPR (Primary served) - This includes existing Standby Firm (SBF) and Standby Interruptible (SBI) rate customers with billing demands over 1000 kW. SBLDTPR (Drimary served) - This includes existing General Service Demand (GSDT) rate customers with billing demands greater than 1000 kW and previously existing Interruptible (SBI) rate customers. SBLDSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBT) rate customers with billing demands greater than 1000 kW and previously existing Interruptible (SB) rate customers. SBLDSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible (SB) rate customers with billing demands over 1000 kW. SBLDSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and ecustomers with billing demands over 1000 kW. SBLDSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and ecustomers with billing demands over 1000 kW. SBLDSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTRU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTRU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTRU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) rate customers. SBLDTRU (Subtransmission served) - This includes existing dem	16	- SBDT [renamed from SBFT] - Cur	rent SBFT rates under	1,000 kW will have a name change to SBDT.	
1 Time-d-Day (IST) rate customers. 2 - SBLDPR (Pirmary served) - This includes existing Standby Firm (ISBF) and Standby Interruptible Time-d-Day (SBF) (SBI) rate customers with billing demands over 1000 kW. 2 - CSLDSU (Subtransmission served) - This includes existing General Service Demand (CSD) rate customers with billing demands greater than 1000 kW and previously existing Interruptible Time-d-Day (ISF) rate customers with billing demands over 1000 kW. 2 - CSLDSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible (SBI) rate customers with billing demands over 1000 kW. 3 - SBLDSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible Time-d-Day (SBI) rate customers with billing demands over 1000 kW. 4 - SBLDSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible Time-d-Day (SBI) rate customers with billing demands over 1000 kW. 5 - SBLDTSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible Time-d-Day (SBI) rate customers with billing demands over 1000 kW. 6 - SBLDTSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible Time-d-Day (SBI) rate customers with billing demands over 1000 kW. 7 - SBLDTSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible Time-d-Day (SBI) rate customers with Billing demands over 1000 kW. 8 - SBLDTSU (Subtransmission served) - This includes existing Standby	17	- GSLDPR (Primary served) - This ir	ncludes existing prima	ہ y served General Service Demand (GSD) rate customers with billing demands greater tha	an 1000 kW and previously existing primary served Interruptible (IS) rate customers.
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 SBLDTPR (Primary served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SB) rate customers with billing demands over 1000 kW. GSLDSU (Subtransmission served) - This includes existing General Service Demand (GSD) rate customers with billing demands over 1000 kW. SBLDSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) rate customers with billing demands over 1000 kW. For each demand rate schedule, historical relationships between monthy KW billing demand and MWh sales are evaluated to arrive at a typical (average) load factor. These load factors were ap	19	Time-of-Day (IST) rate customers.			
 SGLDSU (Subtransmission served) - This includes existing General Service Demand (GSD) rate customers with billing demands greater than 1000 kW and previously existing Interruptible Time-of-Day (IST) rate customers. SGLDSU (Subtransmission served) - This includes existing General Service Demand Time-of-Day (IST) rate customers with billing demands over 1000 kW. SBLDSU (Subtransmission served) - This includes existing Standby Firm (ISF) and Standby Interruptible Time-of-Day (IST) rate customers with billing demands over 1000 kW. SBLDSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing 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 monthy KWb billing demand and MWh sales are evaluated to arrive at a typical (average) load factor. These load factors were applied to the monthy MWh sales to calculate the kW billing demands used in the rate design. Set each demand rate schedule, historical relationships between monthy KWb billing demands are allocal to arrive at a typical (average) load factor. These load factors were	20	- SBLDPR (Primary served) - This in	cludes existing primar	served Standby Firm (SBF) and Standby Interruptible (SBI) rate customers with billing de	emands over 1000 kW.
 - GSLDTSU (Subtransmission served) - This includes existing Standby Firm (SBF) and Standby Interruptible (SBI) rate customers with billing demands over 1000 kW. - 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 (SBT) and Standby Interruptible Time-of-Day (SBI) rate customers with billing demands over 1000 kW. - SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBI) rate customers with billing demands over 1000 kW. - SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBI) rate customers with billing demands over 1000 kW. - SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBT) are customers with billing demands over 1000 kW. - SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBT) are customers with billing demands over 1000 kW. - SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBT) are customers with billing demands over 1000 kW. - Standby Time Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBT) are customers with billing demands over 1000 kW. - 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. - Standb	21	- SBLDTPR (Primary served) - This	includes existing Stan	by Firm Time-of-Day (SBFT) and Standby Interruptible Time-of-Day (SBI) rate customers	with billing demands over 1000 kW.
 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 (SBF) and Standby Interruptible Time-of-Day (SBI) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBF) and Standby Interruptible Time-of-Day (SBF) rate customers with billing demands over 1000 kW. 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 monthy KW billing demand and MWh sales are evaluated to arrive at a typical (average) load factor. These load factors were applied to the monthy MWh sales to calculate the KW billing demands used in the rate design. Generating Time Time Time Time Time Time Time Time	22	- GSLDSU (Subtransmission served	I) - This includes existi	g General Service Demand (GSD) rate customers with billing demands greater than 1000	0 kW and previously existing Interruptible (IS) rate customers.
SBLDTSU (Subtransmission served) - This includes existing Standby Firm Time-of-Day (SBT) and Standby Interruptible Time-of-Day (SBI) rate customers with billing demands over 1000 kW. <u>KW Billing Demands</u> <u>KW Billing Demands</u> 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. He KW bill the rate design. He KW	23	- GSLDTSU (Subtransmission serve	ed) - This includes exis	ing General Service Demand Time-of-Day (GSDT) rate customers with billing demands gr	reater than 1000 kW and previously existing Interruptible Time-of-Day (IST) rate customers.
28 KW Billing Demands 27 KW Billing Demands 28 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. 28 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. 29 4 30 5 31 5 32 5 33 5 34 5 35 5 36 5 37 5 38 5 39 5 39 5 39 5 31 5 32 5 33 5 34 5 35 5 36 5 37 5 38 5 39 5 30 5 31 5 </td <td></td> <td></td> <td></td> <td></td> <td></td>					
27 KW Billing Demands 28 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. 30 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 31 the kW billing demands used in the rate design. 32 . 33 . 34 . 35 . 36 . 37 . 38 . 39 . 39 . 39 . 39 . 39 . 39 . 39 . 39 . 39 . 39 . 39 . 30 . 31 . 32 . 33 . 34 . 35 .		- SBLDTSU (Subtransmission serve	 d) - This includes exis 	ng Standby Firm Time-of-Day (SBFT) and Standby Interruptible Time-of-Day (SBI) rate cu	ustomers with billing demands over 1000 kW.
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.					
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. 34 34 35 36 36 37 36 37 38 38 39 39 39 39 39 30 30 30 30 31 32 32 33 34 35 35 36 36 37 37 38 38 39 39 30 30 30 30 31 32 32 33 34 35 35 36 36 37 37 38 38 38 39 39 30 30 30 30 31 31 32 32 33 33 34 34 35 35 36 37 37 38 38 39 39 30 30 30 31 31 32 32 33 33 34 34 35 35 36 36 37 37 38 38 38 39 39 30 30 30 31 31 32 32 33 34 34 35 35 36 36 37 37 38 38 38 38 39 39 30 30 30 31 31 32 32 33 34 34 35 35 36 36 36 37 37 38 38 38 38 38 39 38 39 39 30 30 31 31 32 32 33 34				KW Billing Demands	
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.					
31 the kW billing demands used in the rate design. 32 33 34 35 36 37 38 39 40 41 42			-	• • • • • • •	
32 33 34 35 36 37 38 39 40 41 42				ween monthly Kw blilling demand and wwn sales are evaluated to arrive at a typical (aver	rage) load factor. These load factors were applied to the monthly with sales to calculate
33 34 35 36 37 38 39 40 41 42		the KW binning demands used in the ra	ate design.		
34 35 36 37 38 39 40 41 42					
35 36 37 38 39 40 41 42					
36 37 38 39 40 41					
37 38 39 40 41 42					
39 40 41 42					
40 41 42	38				
41 42					
42	40				
	41				
43	42				
	43				

LORIDA	PUBLIC SERVICE COMMISSIO	DN EXPLANATI	ION: Provide a schedule of the number of	f customers served at transmiss	sion, sub transmission, prima	ry distribution, and	Type of data shown:
			secondary distribution voltages by r a company-owned substation must	ate schedule for the test year ar	XX Projected Test Year Ended 12/31/2022 Projected Prior Year Ended 12/31/2021 Historical Prior Year Ended 12/31/2020		
OCKET	No. 20210034-EI						Witness: L. L. Cifuentes
_ine No.	Rate Schedule	Average Customers Per Month	Transmission Voltage Customers	Subtransmission Voltage Customers	Primary Distribution Voltage Customers	Secondary Distribution Voltage Customers	
1			Customers	oustomers	Gustomors	ousionicia	
2							
3	I Number of Customers Se	rved					
4	RS	723,811	-	-	-	723,811	
5							
6	GS & CS	71,310	-	-	18	71,292	
7							
8 9	GSD	17,013	-	2	72	16,939	
9 10	GSLD & SB	69		14	55	-	
11	GOLD & OD	03		14	55		
12	LS	233	-	-	15	218	
13							
14	TOTAL COMPANY	812,436	0	16	160	812,260	
15							
16							
17							
18	II Number of Customers M						
19	RS	723,811	-	-	-	723,811	
20 21	GS & CS	71,310	_		24	71,286	
22	00 4 00	71,510			24	71,200	
23	GSD	17,013	-	2	113	16,898	
24							
25	GSLD & SB	69	-	14	55	-	
26							
27	LS	233		-	21	212	
28			-	10			
29 30	TOTAL COMPANY	812,436	0	16	213	812,207	
30 31							
32							
33							
34							
35							
36							
37							

LORIDA	PUBLIC SERVICE COMMISSI	ON EXPLANA	TION: Provide a schedule of the number o	f customers served at transmiss	sion, sub transmission, prima	ry distribution, and	Type of data shown:			
	Y: TAMPA ELECTRIC COMPAI No. 20210034-El	NY		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.						
_ine No.	Rate Schedule	Average Customers Per Month	Transmission Voltage Customers	Subtransmission Voltage Customers	Primary Distribution Voltage Customers	Secondary Distribution Voltage Customers				
1										
2	L Number of Outbourse Or									
3 4	I Number of Customers Se RS	711,573			_	711,573				
5	10	111,010				111,010				
6	GS & CS	70,577	-	-	18	70,559				
7										
8	GSD & SBF	16,932	-	5	111	16,815				
9										
10 11	IS & SBI	25	-	12	13	-				
12	LS	231	-	-	15	216				
13										
14	TOTAL COMPANY	799,337	-	17	157	799,163				
15										
16										
17										
18 19	II Number of Customers M RS	711,573				711,573				
20	NO NO	111,075	-	-	-	711,075				
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	20	201			<u></u>	210				
29	TOTAL COMPANY	799,337	0	16	212	799,109				
30										
31										
32										
33										
34 35										
35 36										
37										

FLORIDA F	PUBLIC SERVICE COMMISSION	EXPLANATIO	ON: For each rate class that	is not 100% metered by	time recording meters, provide the	estimated historic value and 90%	о Туре о	f data shown:	
COMPANY	: TAMPA ELECTRIC COMPANY		confidence interval by m (2) monthly research for		Projected Test Year Ended 12/ Projected Prior Year Ended 12				
					h time recording 'meters, provide a			XX Historical Prior Year Ended 12	
			aforementioned demand	s and identify such 'mete	ers, provide actual monthly values f	or the aforementioned demands a	and	Witness: L. L. Cifuentes	
DOCKET	lo. 20210034-El		identify such NCP Load	Factor and the Custome	r Load Factor for each class.				
							Estimated	b	
			Estimated	90%	Estimated	90%	Custome	r 90%	
		Month and	Coincident	Confidence	Non coincident (Class)	Confidence	Maximun		
Line	Rate	Year	Peak	Interval	Peak	Interval	Demand	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			04400 104		40.001		0 5 10		
32	12 Coincident Peak Average	:	2,146.6 MW		12 CP Load Factor:		0.542		
33	00% 0		E 00/				0.455		
34	90% Confidence Interval:		5.3%		Class (NCP) Load Fact	lor:	0.455		
35	Over of individual av 1		4 000 4		Oustana (Dilli		0.000		
36	Sum of individual customer r	naximum demands:	4,989.4 MW		Customer (Billing or Ma	aximum Demand) Load Factor:	0.233		
37									
38									

FLORIDA	PUBLIC SERVICE COMMISSION	EXPLANATIO	ON: For each rate class that	is not 100% metered by	time recording meters, provide the	estimated historic value and 90%	Type of dat	ta shown:		
			confidence interval by m	onth from the latest load	research for (1) contribution to mo	nthly system peaks (coincident),	F	Projected Test Year Ended 12/31/2022		
COMPAN	Y: TAMPA ELECTRIC COMPANY		., .	. ,	nly system peaks (coincident), (2) m			Projected Prior Year Ended 12/31/2021		
			,		h time recording 'meters, provide a	•		Historical Prior Year Ended 12/31/2020		
DOOVET				•	ers, provide actual monthly values f	or the aforementioned demands a	nd N	Witness: L. L. Cifuentes		
DOCKET	No. 20210034-EI		Identity such NCP Load	Factor and the Custome	r Load Factor for each class.		Estimated			
			Estimated	90%	Estimated	90%	Customer	90%		
		Month and	Coincident	Confidence	Non coincident (Class)	Confidence	Maximum	Confidence		
Line	Rate	Year	Peak	Interval	Peak	Interval	Demand	Interval		
1	Tuto	1 dui	1 out	interval	1 Out	inciva	Domana	morvar		
2										
3	General	Jan-20	163.0	10.9%	204.3	9.3%	431.1	7.3%		
4	Service	001120	100.0	10.070	204.0	0.070	-01.1	1.070		
5	Non-Demand	Feb-20	176.0	6.2%	190.5	6.2%	400.9	6.2%		
6	Non Demand	10520	110.0	0.270	100.0	0.270	400.0	0.270		
7		Mar-20	151.0	7.8%	193.8	6.0%	384.5	6.2%		
8			101.0	1.070	100.0	0.070	004.0	0.270		
9		Apr-20	147.0	8.1%	188.6	5.9%	322.8	5.4%		
10		7.0.20	111.0	0.170	100.0		022.0	0.170		
11		May-20	198.0	6.2%	214.5	6.2%	353.9	6.0%		
12		indy 20	10010	0.270	21.00	0.270	000.0	0.070		
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		5								
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	e:	180.4 MW		12 CP Load Factor:		0.605			
33										
34	90% Confidence Interval:		6.5%		Class (NCP) Load Fact	tor:	0.445			
35										
36	Sum of individual customer r	maximum demands:	431.1 MW		Customer (Billing or Ma	aximum Demand) Load Factor:	0.253			
37										
38										
39										

LORIDA	PUBLIC SERVICE COMMISSION	EXPLANATI	ON: For each rate class that	is not 100% metered by	time recording meters, provide the	estimated historic value and 90%	Type of c	data shown:
COMPANY	Y: TAMPA ELECTRIC COMPANY		confidence interval by n (2) monthly research for classes). For classes th aforementioned demand identify such NCP Load	d XX	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			
			,				Estimated	
ine	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	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			4 055 0	0.00/	1 007 0	0.0%	1 5 10 0	0.4%
7 8		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%
9 10		Api-20	091.0	5.4%	1,105.0	3.3%	1,415.0	3.270
11		May-20	1,151.0	3.4%	1,235.7	3.4%	1,483.8	3.1%
12		indy 20	1,10110	0.170	1,200.1	0.170	1,100.0	0.177
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		No. 00	000.0	4 50/	4 000 0	0.0%	4 477 5	0.0%
23 24		Nov-20	990.0	4.5%	1,209.6	2.9%	1,477.5	2.6%
24		Dec-20	808.0	8.4%	1,037.5	3.0%	1,467.6	4.5%
26		Dec-20	000.0	0.470	1,007.0	0.070	1,407.0	4.570
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 Fact	tor:	0.649	
35								
36	Sum of individual customer n	naximum demands:	1,633.9 MW		Customer (Billing or Ma	aximum Demand) Load Factor:	0.543	
37								
38								

SCHEDUL FLORIDA	PUBLIC SERVICE COMMISSION	EXPLANATION:		ESEARCH DATA is not 100% metered by	time recording meters, provide the	estimated historic value and 90%	Type of dat	Page 4 o a shown:
COMPANY: TAMPA ELECTRIC COMPANY DOCKET No. 20210034-EI			confidence interval by m (2) monthly research for classes). For classes the aforementioned demand	nonth from the latest load	F F XX F	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		
DUCKET	NO. 20210034-EI		Identity such NCP Load	Factor and the Custome	I LOAU FACIOI IOI EACII CIASS.			
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	Nate	lea	reak	Interval	Teak	Interval	Demand	interval
2								
3	Interruptible Service	Jan-20	146.0	na	186.8	na	296.2	na
5 6		Feb-20	132.0	na	185.3	na	261.9	na
7 8		Mar-20	130.0	na	165.1	na	257.2	na
9 10		Apr-20	120.0	na	151.1	na	261.2	na
11 12		May-20	83.0	na	174.7	na	267	na
13 14		Jun-20	90.0	na	186.0	na	253.8	na
15 16		Jul-20	79.0	na	173.9	na	264.8	na
17 18		Aug-20	122.0	na	164.2	na	259.2	na
19 20		Sep-20	97.0	na	153.3	na	254.5	na
21 22		Oct-20	138.0	na	182.3	na	246.3	na
23 24		Nov-20	127.0	na	184.2	na	260.6	na
25 26 27 28		Dec-20	129.0	na	171.2	na	245.5	na
29 30 31	Annual Peak:		186.8 MW		Annual kWh:		979,422,000	
32 33	12 Coincident Peak Average		116.1 MW		12 CP Load Factor:		0.961	
34 35	90% Confidence Interval:		na		Class (NCP) Load Fact	ior:	0.597	
36 37 38	Sum of individual customer n	naximum demands:	296.2 MW		Customer (Billing or Ma	ximum Demand) Load Factor:	0.376	

FLORIDA	PUBLIC SERVICE COMMISSION	EXPLANATION:	For each rate class that	is not 100% metered by	time recording meters, provide the	estimated historic value and 90%	Туре	of data shown:	Page 5 o
					research for (1) contribution to more				Fest Year Ended 12/31/2022
COMPAN	Y: TAMPA ELECTRIC COMPANY		(2) monthly research for	(1) contribution to month	nly system peaks (coincident), (2) m	nonthly (billing demand for demand		Projected F	Prior Year Ended 12/31/2021
			classes). For classes the	at are 100% metered wi	th time recording 'meters, provide a	ctual monthly values for the		XX Historical F	Prior Year Ended 12/31/2020
				•	ers, provide actual monthly values f	or the aforementioned demands ar	nd	Witness: L	. L. Cifuentes
DOCKET	No. 20210034-EI		identify such NCP Load	Factor and the Custome	r Load Factor for each class.				
							Estimate		
			Estimated	90%	Estimated	90%	Custome		90%
. i.e. e	D-t-	Month and	Coincident Peak	Confidence Interval	Non coincident (Class) Peak	Confidence Interval	Maximu Deman		Confidence Interval
Line 1	Rate	Year	Peak	interval	Peak	interval	Deman	d	Interval
2									
3	Street &	Jan-20	7.0	na	38.1	na	31	8.1	na
4	Outdoor Light	Jan-20	7.0	na	30.1	11a	50	5.1	na
5	Service	Feb-20	0.0	na	37.0	na	3.	7.0	na
6	Convice	10520	0.0	nu	01.0	na			na
7		Mar-20	0.0	na	37.2	na	3	7.2	na
8		mar 20	0.0	na	01.2	104			na
9		Apr-20	0.0	na	36.5	na	36	6.5	na
10							-		
11		May-20	0.0	na	36.3	na	36	6.3	na
12		,							
13		Jun-20	0.0	na	35.9	na	3	5.9	na
14									
15		Jul-20	0.0	na	36.1	na	36	6.1	na
16									
17		Aug-20	0.0	na	36.4	na	36	6.4	na
18									
19		Sep-20	0.0	na	36.5	na	36	6.5	na
20									
21		Oct-20	0.0	na	36.6	na	36	6.6	na
22									
23		Nov-20	0.0	na	36.3	na	36	6.3	na
24									
25		Dec-20	0.0	na	36.2	na	36	6.2	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 Fact	or:	0.463		
35									
36	Sum of individual customer n	naximum demands:	38.1 MW		Customer (Billing or Ma	iximum Demand) Load Factor:	0.463		
37									
38									

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
COMPANY: TAMPA ELECTRIC COMPANY		XX Projected Prior Year Ended 12/31/2021
		XX Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: L. L. Cifuentes

		Total					
Line		Retail				Actual (A) or	
No.	Month & Year	Peak (MW)	Day of Week	Day of Month	Hour	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							

SCHEDULE E-18	MONTHLY PEAKS	Page 2 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
COMPANY: TAMPA ELECTRIC COMPANY		XX Projected Prior Year Ended 12/31/2021
		XX Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: L. L. Cifuentes

		Total					
Line		Retail				Actual (A) or	
No.	Month & Year	Peak (MW)	Day of Week	Day of Month	Hour	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							

SCHEDULE E-19a	DEMAND AND ENERGY LOSSES	Page 1 of 2
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide estimates of demand and energy losses for transmission	Type of data shown:
	and distribution system components and explain the methodology	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used in determining losses.	Projected Prior Year Ended 12/31/2021
		Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: L. L. Cifuentes

Line		Annual	Demand Losses by Component-MW		
No.		MWH Energy Losses	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					

SCHEDULE E-19a	DEMAND AND ENERGY LOSSES	Page 2 of 2
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide estimates of demand and energy losses for transmission	Type of data shown:
	and distribution system components and explain the methodology	XX Projected Test Year Ended 12/31/2022
COMPANY: TAMPA ELECTRIC COMPANY	used in determining losses.	Projected Prior Year Ended 12/31/2021
		Historical Prior Year Ended 12/31/2020
DOCKET No. 20210034-EI		Witness: L. L. Cifuentes

Line		
No.		
1		
2		Development of demand and energy losses for transmission and distribution system components.
3	a.	Demand Losses:
4		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
5		losses. Load losses result from current flowing through the resistance of transmission and distribution lines and transformers, and is expressed
6		mathematically as I ² R where I = current and R= resistance. No-load losses consist of hysteresis and eddy current losses arising from changing flux
7		densities in the iron core of transformers and are present whenever the transformer is energized, whether or not it is carrying load.
8		
9	b.	Energy Losses:
10		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
11		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
12		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
13		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.
14		
15	С.	Transmission Losses Methodology:
16		Load flow models utilizing the PSSE program were created to calculate the transmission system load losses. Detailed system models are created for the
17		TEC and FRCC transmission systems. The models are initially created with forecasted system loads at peak and at 10% increments from 100% to 20%.
18		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.
19		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
20		load duration curve was then applied to the demand results to arrive at the energy losses.
21		
22		
23	d.	Distribution Losses Methodology:
24		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%
25		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
26		into four categories: substation transformers, primary lines, line transformers and secondary lines. Loss calculations for line transformers and secondary lines were
27		based on manufacturer's data utilizing system average calculations. Because of the extremely large quantity of line transformers
28		and secondary lines in service, no attempt was made to model and analyze these individually. Manufacturer's data for
29		distribution line transformers was analyzed to determine an approximate percent loss at peak load for both load and no - load losses. Similarly, for
30		secondary line losses, various lengths of secondary cable were analyzed to determine the approximate percent loss at peak load. These values were
31		calculated as part of a study done by Distribution Engineering.
32		
33		
34		
35		
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38		
39		
Supporting Schedules:		Recap Schedules:

SCHEDULE E-19b FLORIDA PUBLIC SERVICE COMMISSION COMPANY: TAMPA ELECTRIC COMPANY		ON EXPLAN	ATION: Show energy losses by	Page Type of data shown:				
		NY	methodology and assumptions used in determining these losses.					XX Projected Test Year Ended 12/31/20 Projected Prior Year Ended 12/31/20 Historical Prior Year Ended 12/31/20
DOCKET N	o. 20210034-EI							: L. L. Cifuentes
		(1) MWH	(2) Billed & Unbilled	(3)		(4) Delivered	(5) MWH	(6) MWH
.ine No.	Rate Schedule	Energy at Generation	MWH Sales at Meter	Losses and Co MWH	mpany Use %	Efficiency (2) / (1)	Company Use	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
				.,		/*	00,000	

41 Compare Supporting Schedules: Company use is based on historical data as a percentage of total billed sales, then applied to projected 2022 billed sales.

SCHEDULE E-19c			DEMAND LOSSES		Page 1 o Type of data shown:				
FLORIDA PUBLIC SERVICE COMMISSION			EXPLANATION: Show maximum demand losses by rate schedule for the test year and						
			explain the methodology and assumptions us	ed in determining losses.			XX Projected Test Year Ended 12/31/202		
OMPANY	TAMPA ELECTRIC COM	PANY					Projected Prior Year Ended 12/31/202		
							Historical Prior Year Ended 12/31/202		
OCKET N	lo. 20210034-EI						Witness: L. L. Cifuentes		
		(1)	(2)	(3)	(4)	(5)			
		12 Month Average	12 Month Average						
ine	Rate	Coincident Demand	Coincident Peak	Total Losses	Percent	System			
0.	Schedule	At Generation (MW)	At The Meter (MW)	MW (I) - (2)	Losses	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	.01/12	0,020.7	0,071.0	200.0	0.770	200.0			
40	The methodology and	assumptions for determining losses a	e detailed in Schedule E-19a						
	The methodology and	assumptions for determining losses a	o dotallog ill obliculie E-198.						