BEFORE THE

FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 130040-EI

IN RE: TAMPA ELECTRIC COMPANY'S
PETITION FOR AN INCREASE IN BASE RATES
AND MISCELLANEOUS SERVICE CHARGES

TAMPA ELECTRIC

MINIMUM FILING REQUIREMENTS

SCHEDULE E

COST OF SERVICE AND RATE DESIGN

PROJECTED TEST YEAR 2014

COM
AFD 1
APA 1
ECO 16
ENG 1
GCL 1
IDM
TEL
CLK

TECO
TAMPA ELECTRIC

Docket No. 130040-EI
In Re: Tampa Electric Company's
Petition For An Increase In Base Rates
And Miscellaneous Service Charges

MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

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

Docket No. 130040-EI
In Re: Tampa Electric Company's
Petition For An Increase In Base Rates
And Miscellaneous Service Charges

MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

TECO
TAMPA ELECTRIC

Docket No. 130040-EI
In Re: Tampa Electric Company's
Petition For An Increase In Base Rates
And Miscellaneous Service Charges

MINIMUM FILING REQUIREMENTS INDEX

SCHEDULE E – COST OF SERVICE AND RATE DESIGN

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. *130040-EI*

EXPLANATION:

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

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

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

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

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

Line No.

Information provided under separate cover in two volumes:

1) Jurisdictional Separation Study and Cost of Service Study: 12 CP & 1/13th AD

2) Cost of Service Study: 12 CP & 50% AD with Minimum Distribution System Employed and Cost of Service Support Workpapers

Supporting Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

Line No.

Tampa Electric Company's (TEC's) last rate case was filed in Docket No. 080317-EI. The case was based on a 2009 projected test year.

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

1. Production Related:
   The company has proposed and relied upon the 12 CP and 50% AD Production Capacity Cost Allocation methodology in its additional Cost of Service Study being presented.

2. Transmission Related:
   No additional changes have been incorporated.

3. Distribution Related:
   The company has employed the Minimum Distribution System concept in the 12 CP and 50% AD Cost of Service Study which it has relied upon.

4. Customer Rate Classes:
   The company has eliminated the IS Rate Class in its proposed Cost of Service Study and transferred affected customers to the GSD Rate Class.

Schedule E-3a	COST OF SERVICE STUDY - ALLOCATION OF RATE BASE COMPONENTS TO RATE SCHEDULE		Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	For each cost of service study filed, provide the allocation of rate base components as listed below to rate schedules.	Type of Data Shown:
COMPANY: TAMPA ELECTRIC COMPANY			XX Projected Test Year Ended 12/31/14
			___Projected Prior Year Ended 12/31/13
DOCKET NO. 130040-EI			__ Historical Prior Year Ended 12/31/12
			Witness: W. R. Ashburn

Line No.		
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4	INFORMATION PROVIDED IN EACH SEPARATE COST OF SERVICE STUDY ON	
5	OUTPUT REPORTS ENTITLED:	
6		
7		
8		
9		PAGES
10		
11	PLANT IN SERVICE	16 - 18
12		
13	PLANT HELD FOR FUTURE USE	19
14		
15	ACCUMULATED RESERVE FOR DEPRECIATION	20 - 22
16		
17	WORKING CAPITAL	23 - 24
18		
19	CONSTRUCTION WORK IN PROGRESS (CWIP)	25 - 26
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Supporting Schedules:

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

Line No.

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

	PAGES
OPERATIONS & MAINTENANCE	4 - 6
DEPRECIATION EXPENSE	7 -9
TAXES OTHER THAN INCOME	10 - 11
INCOME TAXES	12 - 15

4

Supporting Schedules:

Recap Schedules:

Schedule E-4a	COST OF SERVICE STUDY - FUNCTIONALIZATION AND CLASSIFICATION OF RATE BASE		Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Functionalize and classify test year rate base by primary account (plant balances, accumulated depreciation and CWIP). The account balances in the B Schedules and those used in the cost of service study must be equal.	Type of Data Shown: XX Projected Test Year Ended 12/31/14 ___Projected Prior Year Ended 12/31/13 __ Historical Prior Year Ended 12/31/12 Witness: W. R. Ashburn
COMPANY: TAMPA ELECTRIC COMPANY			
DOCKET NO. 130040-EI			

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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Supporting Schedules:

Recap Schedules:

Schedule E-4b	COST OF SERVICE STUDY - FUNCTIONALIZATION AND CLASSIFICATION OF EXPENSES		Page 1 of 1
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Functionalize and classify test year operating expenses by primary account (depreciation expense, operation and maintenance expense, and any other expense items). The balances in the C Schedules and those used in the cost of service study must be equal.	Type of Data Shown: XX Projected Test Year Ended 12/31/14 ___Projected Prior Year Ended 12/31/13 __ Historical Prior Year Ended 12/31/12
COMPANY: TAMPA ELECTRIC COMPANY			Witness: W. R. Ashburn
DOCKET NO. 130040-EI			

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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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Supporting Schedules:

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W.R. Ashburn

Line No.	Source by Account Number	Description of Source	REVENUES in $000's Total Company	Wholesale	Total Retail	RS	GS	GSD	IS	Lighting Energy	Lighting Facilities
1											
2		**PRESENT RATES**									
3											
4	440-447	Sales of Electricity	$ 907,769	$ -	$ 907,769	$ 489,649	$ 57,954	$ 290,676	$ 28,538	$ 5,467	$ 35,484
5											
6	451	Miscellaneous Service Charges	21,595	-	21,595	18,968	2,088	425	-	114	-
7											
8	454	Rent from Electric Property	10,240	13	10,227	6,035	585	3,401	72	133	-
9											
10	456	Other Electric Revenue									
11		Unbilled Revenues	(174)	-	(174)	(96)	(11)	(66)	-	(1)	-
12		Firm Transmission Service	1,121	1,121	-	-	-	-	-	-	-
13		Miscellaneous Other	11,261	13	11,248	5,559	648	4,404	444	112	80
14											
15		Total Present Revenue	$ 951,812	$ 1,147	$ 950,665	$ 520,115	$ 61,264	$ 298,840	$ 29,054	$ 5,825	$ 35,564
16											
17											
18											
19											
20		**PROPOSED RATES**									
21											
22	440-447	Sales of Electricity	$ 1,041,408	$ -	$ 1,041,408	$ 572,993	$ 69,356	$ 356,371		$ 7,204	$ 35,484
23											
24	451	Miscellaneous Service Charges	22,789	-	22,789	20,016	2,203	449		120	-
25			-		-						
26	454	Rent from Electric Property	10,240	13	10,227	6,033	585	3,475		133	-
27											
28	456	Other Electric Revenue									
29		Unbilled Revenues	(196)	-	(196)	(107)	(13)	(74)		(2)	-
30		Firm Transmission Service	1,121	1,121	-	-	-	-		-	-
31		Miscellaneous Other	12,382	1,133	11,248	5,517	646	4,888		118	80
32											
33		Total Proposed Revenue	$ 1,087,744	$ 2,267	$ 1,085,476	$ 604,452	$ 72,777	$ 365,109		$ 7,573	$ 35,564
34											
35											
36											

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

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

Line No.

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

Output report page 29 is cost at Proposed Rate of Return (ROR)
Output report page 29A is cost at Retail Jurisdictional Rate of Return (ROR)
Output report page 29B is cost at Class Rate of Return (ROR)

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

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

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

Supporting Schedules:

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

Line No.

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

Output report page 32 is cost at Proposed Rate of Return (ROR)
Output report page 32A is cost at Retail Jurisdictional Rate of Return (ROR)
Output report page 32B is cost at Class Rate of Return (ROR)

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

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

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

Supporting Schedules:

Recap Schedules:

SCHEDULE E-7 | DEVELOPMENT OF SERVICE CHARGES | Page 1 of 9

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:

XX Projected Test year Ended 12/31/2014

Projected Prior Year Ended 12/31/2013

Historical Prior Year Ended 12/31/2012

Witness: W. R. Ashburn

Initial Service Connection

	(1)	(2)		(3)	(4)	(5)
		Ratio		Total	Loading Factor	
	Hours	or, $/Hr		$/Unit	Notes	
Customer Service and Office Labor Expenses (Tasks 1-3, 6)	0.42	$22.51		$9.47	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
Field Labor Expenses (Tasks 4 and 5)	1.38	$35.23		48.73		
Payroll and A&G loading factor		72.00%	(A)	41.90		
Administrative and Overhead loading factor		39.44%	(B)	22.95	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$123.06		
Vehicles (Transportation) Costs	0.81	$18.37		14.80		
Total Cost of Providing Service (14)+(16)				$137.86		

Description of Tasks Performed:

1. Customer Engineering Representative (CER) receives request from customer, collects and enters customer information into work management system, creates a work order, and assigns work order to service area.

2. Senior Service Area Representative (SSAR) reviews work order for assignment to either engineering or operations.

3. CER processes Governmental Release and sends to appropriate servicee area for Tampa Electric inspection and meter set assignment.

4. A field inspection is made by Tampa Electric.

5. A Service Crew travels to premise to connect service.

6. SSAR assigns an account number that is transferred to the Customer Information System; reviews error reports and makes necessary corrections; and closes field order in the Work Management System.

Supporting Schedules:

Recap Schedules: E-13b

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Reconnecting Service to Subsequent Subscriber

	(1)	(2)		(3)	(4)	(5)
		Ratio		Total	Loading Factor	
	Hours	or, $/Hr		$/Unit	Notes	
Customer Service and Office Labor Expenses (Tasks 1, 2, and 4)	0.08	$21.06		$1.76	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
Field Labor Expenses (Tasks 3 and 5)	0.35	$28.75		10.06		
Payroll and A&G loading factor		72.00%	(A)	8.51		
Administrative and Overhead loading factor		39.44%	(B)	4.66	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$24.98		
Vehicles (Transportation) Costs	0.35	$5.94		2.08		
Meter seals				0.23		
Total Cost of Providing Service (14) + (16) + (18)				$27.29		

Description of Tasks Performed:

1. Customer Service Professional receives new service turn-on request for new customer; completes request in the Customer Information System and sends request to the Outage Management System.
2. If the meter must be turned on, Credit Dispatcher/Planner receives request and assigns to Meter Worker.
3. Meter Worker drives to service location, interacts with Customer (if present); completes service turn-on at meter, records meter reading, and completes service order in mobile unit.
4. If meter status is on, meter reading Dispatch/Planner receives the order and assigns to Meter Services Representative II.
5. MSR II drives to service location and records meter reading and completes service order in mobile unit.

Note: The weighted costs of the service were based on 60% of the meters being off and 40% being on.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Same Day Reconnect

		(1)	(2)		(3)	(4)	(5)
			Ratio		Total	Loading Factor	
		Hours	or, $/Hr		$/Unit	Notes	
	Customer Service and Office Labor Expenses (Tasks 1 and 2)	0.08	$21.68		$1.81	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
	Field Labor Expenses (Task 3)	0.97	$32.65		31.56		
	Payroll and A&G loading factor		72.00%	(A)	24.02		
	Administrative and Overhead loading factor		39.44%	(B)	13.16	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$70.55		
	Vehicles (Transportation) Costs	0.97	$5.94		5.75		
	Meter Seal				0.23		
	Total Cost of Providing Service (14) + (16) + (18)				$76.53		

Description of Tasks Performed:

1. Customer Service Professional receives new service turn-on request for "Same Day Service"; completes request in the Customer Information System; and sends request to the Outage Management System.

2. The Credit Dispatcher/Planner receives request and assigns to Meter Worker.

3. Meter Worker drives to service location, interacts with Customer (if present); completes service turn-on at meter; records meter reading; completes service order in mobile unit,

Supporting Schedules:

Recap Schedules: E-13b

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FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

After Hours/Weekend/Holiday Turn On

	(1)	(2)	(3)	(4)	(5)
		Ratio	Total	Loading Factor	
	Hours	or, $/Hr	$/Unit	Notes	
Customer Service and Office Labor Expenses (Tasks 1-3)	2.38	$26.17	$62.38	(A) Loading Factor for direct benefits and other payroll costs. *	35.5%
Field Labor Expenses (Task 4)	2.00	$58.98	117.96		
Payroll and A&G loading factor		35.50%	64.02		
Administrative and Overhead loading factor		0.00%	0.00	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead during overtime. *	0.00%
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)			$244.36		
Pager Call Out Cost			$15.00	* These Loading Factors have been modified to avoide a double-count of certain costs when reflecting work performed as overtime.	
Vehicles (Transportation) Costs	2.00	$17.97	35.94		
Total Cost of Providing Service (14) + (16) + (18)			$295.30		

Description of Tasks Performed:

1. Trouble Coordinator receives after hours, weekend, or holiday new service request from customer; contacts Customer Service Professional (CSP) for new service order request and provides CSP with customer contact information.

1. CSP returns call to customer; completes new service order requirements including positive identification process; receives follow-up call from customer with deposit receipt information; submits order to System Service via Outage Management system; and contacts System Service with new order information.

2. The Dispatcher Planner Analyst receives turn-on order in OMS; determines area of order for Troubleman call-out; and activates call out schedule.

3. Troubleman signs on to mobile unit and reviews order; drives to location; provides meter or service connection; completes order in mobile unit; and clears completed order.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:

XX Projected Test year Ended 12/31/2014

Projected Prior Year Ended 12/31/2013

Historical Prior Year Ended 12/31/2012

Witness: W. R. Ashburn

Reconnect After Disconnect at Meter for Cause

		(1)	(2)		(3)	(4)	(5)
			Ratio		Total	Loading Factor	
		Hours	or, $/Hr		$/Unit	Notes	
	Customer Service and Office Labor Expenses (Tasks 1, 2,4, and 5)	0.08	$28.52		$2.21	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
	Field Labor Expenses (Tasks 3 and 6)	0.67	$32.65		21.77		
	Payroll and A&G loading factor		72.00%	(A)	17.27		
	Administrative and Overhead loading factor		39.44%	(B)	9.46	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$50.70		
	Vehicles (Transportation) Costs	0.67	$5.94		3.96		
	2 Meter seals, disconnect notice, meter boots				1.08		
	Total Cost of Providing Service (14) + (16) + (18)				$55.75		

Description of Tasks Performed:

1. The billing system produces a field service disconnect order which is routed to the Outage Management System (OMS).

2. The Credit Dispatcher/Planner (DPA) assigns the order to the Meter Worker.

3. Meter Worker reviews disconnect order on mobile laptop to determine course of action; drives to premise location; interacts with Customer (if present); documents service disconnect information with Customer; completes meter disconnect process; and enters via mobile laptop completion information which is processed in OMS and appears in the Customer Information System (CIS).

4. Customer Service Professional (CSP) receives customer's call with payment information; updates account with payment information and enters a reconnect request in the CIS.

5. DPA receives the reconnect service order generated by CIS; reviews order; and assigns to Meter Worker.

6. Meter Worker drives to location; completes service reconnect; and enters completion of order in mobile laptop.

SCHEDULE E-7 | DEVELOPMENT OF SERVICE CHARGES | Page 6 of 9

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Reconnect After Cut On Pole Disconnect for Cause

	(1) Hours	(2) Ratio or, $/Hr		(3) Total $/Unit	(4) Loading Factor Notes	(5)
Customer Service and Office Labor Expenses (Tasks 1, 2, 4, 5, 7,and 8)	0.12	$30.67		$3.58	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
Field Labor Expenses (Tasks, 3, 6, 9)	1.65	$38.17		62.98		
Payroll and A&G loading factor		72.00%	(A)	47.92		
Administrative and Overhead loading factor		39.44%	(B)	26.25	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$140.73		
Vehicles (Transportation) Costs	1.65	$15.91		26.24		
Total Cost of Providing Service (14) + (16)				$166.97		

Description of Tasks Performed:

1. The billing system produces a field service disconnect order which is routed to the Outage Management System (OMS).

2. The Credit Dispatcher/Planner (DPA) assigns the order to the Meter Worker.

3. Meter Worker reviews disconnect order on mobile laptop; travels to location; determines that customer must be disconnected at pole; and returns the order to be worked by System Service.

4. System Service Dispatcher receives and dispatches order to Troubleman.

5. The Trouble Co-coordinator checks account for payment after 7:30am.

6. Troubleman travels to job, calls dispatch to verify that payment has not been made, and gives Customer notice of pending disconnect. Troubleman sets up his truck with proper maintenance of traffic; dons personal protective equipment; enters the bucket; and performs the disconnect at pole.

7. Customer Service Professional (CSP) receives customer's call with payment information; updates account with payment information and enters a reconnect request in OMS.

8. System Service Dispatcher receives and dispatches reconnect order to Troubleman.

9. Troubleman travels to job and gives customer notice of pending reconnect. Troubleman sets up his truck with proper maintenance of traffic; dons personal protective equipment; enters the bucket; performs reconnect; and completes the order with required information.

Supporting Schedules:

Recap Schedules: E-13b

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Field Visit

		(1)	(2)		(3)	(4)	(5)
			Ratio		Total	Loading Factor	
		Hours	or, $/Hr		$/Unit	Notes	
	Customer Service and Office Labor Expenses (Tasks 2)	0.02	$41.05		$0.88	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
	Field Labor Expenses (Task 3)	0.30	$32.65		9.80		
	Payroll and A&G loading factor		72.00%	(A)	7.55		
	Administrative and Overhead loading factor		39.44%	(B)	4.13	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$22.17		
	Door Hanger Tag				0.12		
	Vehicles (Transportation) Costs	0.30	$5.94		1.78		
	Total Cost of Providing Service (14) + (16) + (18)				$24.07		

Description of Tasks Performed:

1. The billing system produces a field service disconnect order which is routed to the Outage Management System (OMS).

2. The Credit Dispatcher/Planner assigns the order to the Meter Worker.

3. Meter Worker reviews disconnect order on mobile laptop to determine course of action; travels to premise location; interacts with the customer; and documents credit arrangement with customer to avoid service disconnection. Meter worker leaves a door-hanger for the customer that documents the credit arrangement terms; completes the assigned order via mobile unit with information that is processeed in OMS and appears in the Customer Information System.

Note: costs for field visits unrelated to credit arrangements have not been estimated, but are expected to exceed the amount calculated above.

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Tampering Charge Without Investigation

		(1)	(2)		(3)	(4)	(5)
			Ratio		Total	Loading Factor	
		Hours	or, $/Hr		$/Unit	Notes	
	Customer Service and Office Labor Expenses (Task 1)	0.05	$41.05		$2.05	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
	Field Labor Expenses (Task 2)	0.45	$32.65		14.69		
	Payroll and A&G loading factor		72.00%	(A)	12.05		
	Administrative and Overhead loading factor		39.44%	(B)	6.60	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$35.40		
	Vehicles (Transportation) Costs	0.45	$5.94		2.68		
	Meter Seal, Security Lock				15.23		
	Total Cost of Providing Service (14) + (16) + (18)				$53.31		

Description of Tasks Performed:

1. The Credit Dispatch Planning Analyst (DPA) receives raquest to complete field verification check where service disconnect has occurred and records indicate power status should be off. DPA generates service order in the Outage Management System and assigns to Meter Worker.

2. Meter Worker reviews order; drives to location; and completes inspection of meter and meter socket. Meter Worker disconnects meter if illegally turned on or tampered and installs security locking ring or locking device. Meter Worker contacts DPA with tampering information and completes order in mobile unit.

Supporting Schedules:

Recap Schedules: E-13b

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO.: 130040-EI

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

Type of Data Shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Temporary Service

		(1)	(2)		(3)	(4)	(5)
			Ratio		Total	Loading Factor	
		Hours	or, $/Hr		$/Unit	Notes	
	Customer Service and Office Labor Expenses (Tasks 1, 2, 4, and 7)	0.31	$22.10		$6.79	(A) Loading Factor for non-productive time, direct benefits, other payroll costs and A&G.	72.0%
	Field Labor Expenses (Tasks 3, 5, 6, and 8)	2.92	$35.44		103.38		
	Payroll and A&G loading factor		72.00%	(A)	79.32		
	Administrative and Overhead loading factor		39.44%	(B)	43.45	(B) Loading Factor for Energy Delivery's supervisory and administrative overhead.	39.44%
	Subtotal of Labor and Loadings (6) + (8) +(10) + (12)				$232.95		
	Vehicles (Transportation) Costs	1.33	$20.34		27.12		
	Total Cost of Providing Service (14) + (16)				$260.06		

Description of Tasks Performed:

1. Customer Engineering Representative (CER) receives request from Customer, collects and enters customer information into work management system, and creates a work order. CER assigns work order to appropriate service area.

2. Senior Service Area Representative (SSAR) reviews work order for assignment to either engineering or operations.

3. Distribution Design Technician (DDT) travels to premise and stakes location for termporary service pole.

4. SSAR updates work management system.

5. DDT travels to premise foro inpsection after government release is issued.

6. A Service Crew is scheduled and travels to premise to connect service and install meter.

7. SSAR assigns an account number and enters billing information into the Work Management System. Information is transferred to Customer Information System and CER reviews error reports and makes any corrections.

8. When the temporary service is terminated, the service is removed.

Supporting Schedules:

Recap Schedules: E-13b

SCHEDULE E-8 | COMPANY-PROPOSED ALLOCATION OF THE RATE INCREASE BY RATE CLASS | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Line No.	Rate Class	(A) 12CP & 50% AD Present ROR (%)	(B) 12CP & 50% AD Present Index	(C) Present Class Operating Revenue	(D) Increase From Service Charges	(E) Increase From Sales of Electricity	(F) Increase From Unbilled Revenue	(G) Total Revenue Increase	(H) 12CP & 50% AD Proposed ROR (%)	(I) 12CP & 50% AD Proposed Index	(J) % Increase Without Adjustment Clauses	(K) % Increase With Adjustment Clauses
				Dollars in Thousands								
1												
2	I. RS (a)	4.43%	0.92	$ 520,071	$ 1,049	$ 83,344	$ (12)	$ 84,381	6.59%	0.98	16.2%	9.1%
3												
4	II. GS (b)	4.84%	1.00	$ 61,262	$ 115	$ 11,402	$ (1)	$ 11,516	7.50%	1.11	18.8%	10.7%
5												
6	III. GSD, SBF	5.06%	1.05	$ 298,872	$ 23							
7	IV. IS, SBI	7.43%	1.54	$ 29,064	-							
8	Total III + IV (c)	5.20%	1.07	$ 327,936	$ 23	$ 37,157	(9)	$ 37,171	6.70%	0.99	11.3%	5.1%
9												
10	V. LS-1											
11	a. Energy Service (d)	2.39%	0.49	$ 5,831	$ 6	$ 1,737	(0)	$ 1,743	5.85%	0.87	29.9%	11.1%
12	b. Facilities (e)	8.96%	1.85	$ 35,564	$ -	$ -	-	$ -	8.97%	1.33	0.0%	0.0%
13	Total V.a. + V. b.	7.50%	1.55	$ 41,395	$ 6	$ 1,737	(0)	$ 1,743	8.27%	1.23	4.2%	3.4%
14												
15												
16	Total Retail	4.84%	1.00	$ 950,664	$ 1,194	$ 133,640	$ (22)	$ 134,812	6.74%	1.00	14.2%	7.4%
17												
18												
19												
20												
21												
22												
23												

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

(a) (c) RS and proposed GSD Classes are minimally below the system Rate of Return; setting these classes 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 rate charges.

(d) The revenue increase for the LS-1 Energy Service Class was limited to an increase that did not exceed 1.5 times the system average increase including clauses.

(e) By Commission practice, no rate classes revenue is reduced in a revenue increase rate proceeding, therefore, no revenue change was afforded to lower the LS1 Facilities class' rate of return to the system average .

Supporting Schedules: E-1

Recap Schedules:

Schedule E-9 | COST OF SERVICE - LOAD DATA | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
__Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn/L. L. Cifuentes

Line No.	Rate Class	(1) Sales MWH	(2) Annual MWH Unbilled	(3) Total MWH	(4) Output to Line MWH*	(5) Class NCP KW*	(6) CP Winter KW*	(7) CP Summer KW*	(8) Average 12 CP KW*	(9) Average Demand KW*	(10) 12 CP & 1/13 Weighted Average Demand*	(11) Average Number of Customers
1												
2	RS	8,563,002	(1,994)	8,561,008	9,045,530	2,589,772	2,589,606	2,195,964	1,936,398	1,032,595	1,866,875	619,152
3												
4	GS & TS (a)	1,025,184	(238)	1,024,946	1,082,938	247,098	211,502	238,943	212,781	123,623	205,922	68,159
5												
6	GSD & SBF	7,691,465	(1,789)	7,689,676	8,094,971	1,446,411	1,091,257	1,417,851	1,251,469	924,086	1,226,286	14,030
7												
8	IS & SBI (b)	869,117	-	869,117	885,222	147,899	94,381	75,241	90,372	101,053	91,194	43
9												
10	LS	220,949	(51)	220,898	233,400	61,104	12,255	-	3,313	26,644	5,108	3,711
11												
12	TOTAL RETAIL	18,369,718	(4,072)	18,365,646	19,342,061	4,492,285	3,999,000	3,928,000	3,494,333	2,208,000	3,395,385	705,095
13												
14	WHOLESALE	-	-	-	-	-	-	-	-	-	-	-
15												
16	TOTAL SYSTEM	18,369,718	(4,072)	18,365,646	19,342,061	4,492,285	3,999,000	3,928,000	3,494,333	2,208,000	3,395,385	705,095
17												
18												
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) Does not include optional provision energy for third party interruptible sales											
40												
41												
42												
43												

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
___ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

FACTOR 101: JURISDICTIONAL PRODUCTION CAPACITY - 12 CP

COINCIDENT DEMAND BY CUSTOMER CLASS
Coincident kW at Production Level

Line No.		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Feb-15	Oct-14	Nov-14	Dec-14	Total 12 Month CP	Total 12 Month Avg CP	FACTOR 101 PRODUCTION CAPACITY 12 CP
13	**RETAIL CP**	3,999,000	3,405,000	3,064,000	3,104,000	3,495,000	3,749,000	3,864,000	3,928,000	3,740,000	3,421,000	2,948,000	3,215,000	41,932,000	3,494,333	
14	Adj for Load Mgmt	(197,995)	(162,603)	-	-	-	-	(146,814)	(147,400)	-	-	-	-	(654,812)	(54,568)	
15	Adj for IS Curtailment	(94,381)	(87,856)	-	-	-	-	(84,654)	(74,851)	-	-	-	-	(341,741)	(28,478)	
16	Adj Retail 12 CP	3,706,624	3,154,542	3,064,000	3,104,000	3,495,000	3,749,000	3,632,533	3,705,748	3,740,000	3,421,000	2,948,000	3,215,000	40,935,446	3,411,287	100.000%
19	**WHOLESALE SALES***															
20		-	-	-	-	-	-	-	-	-	-	-	-	-	-	
21	TOTAL WHOLESALE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000%
23	**TOTAL SYSTEM**	3,706,624	3,154,542	3,064,000	3,104,000	3,495,000	3,749,000	3,632,533	3,705,748	3,740,000	3,421,000	2,948,000	3,215,000	40,935,446	3,411,287	100.000%

*There were no wholesale sales in 2014.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
__Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

FACTOR 201: Energy - Output to Line

FACTOR 204: Retail Energy - Output to Line

Line No.	Rate Class	ENERGY @ CUST. MTRS mWH*	ENERGY @ SECON VOLTAGE SVC. (mWH)	ENERGY @ PRI VOLTAGE SVC. (mWH)	ENERGY @ SUBTRANS VOLTAGE SVC. (mWH)	OUTPUT TO LINE (mWH)*	FACTOR 201 mWH @ Generation	FACTOR 204 mWH @ Generation (Retail)
10	RS			1.0226	1.0197	1.0130		
11	**- Secondary**	**8,563,002**	**8,563,002**	**8,756,506**	**8,929,425**	**9,045,530**		**46.766%**
12								
13	GS & TS							
14	**- Secondary**	**1,025,184**	**1,024,815**	**1,048,336**	**1,069,038**	**1,082,938**		**5.599%**
15								
16	GSD							
17	- Secondary	6,411,253	6,411,253	6,556,132	6,685,599	6,772,528		
18	- Primary Delivered	4,721	-	4,828	4,923	4,987		
19	- Secondary Total	6,415,974	6,411,253	6,560,960	6,690,522	6,777,516		
20	- Primary							
21	- Primary Metered,Secondary Served	159,284	158,326	159,284	162,429	164,541		
22	- Primary Delivered	1,105,917	-	1,105,917	1,127,756	1,142,420		
23	- Subtrans Delivered	3,503	-	3,503	3,572	3,619		
24	- Primary Total	1,268,704	158,326	1,268,704	1,293,758	1,310,580		
25	- Subtrans							
26	- Primary Delivered	1,200	-	1,198	1,200	1,216		
27	- Subtrans Delivered	5,587	-	-	5,587	5,660		
28	- Subtrans Total	6,787	-	1,198	6,787	6,876		
29	**GSD - Total**	**7,691,465**	**6,569,579**	**7,830,862**	**7,991,067**	**8,094,971**		**41.852%**
30								
31	IS							
32	- Primary							
33	- Primary Delivered	240,170	-	240,170	244,912	248,097		
34	- Subtrans (69 kV)							
35	- Subtrans Delivered	628,948	-	-	628,948	637,126		
36	less Optional Provision	-	-	-		-		
37	**I/S - Total**	**869,117**	**-**	**240,170**	**873,860**	**885,222**		**4.577%**
38								
39	LS							
40	**- Secondary**	**220,949**	**220,949**	**225,942**	**230,404**	**233,400**		**1.207%**
41								
42	**TOTAL RETAIL**	**18,369,718**	**16,378,345**	**18,101,815**	**19,093,794**	**19,342,061**	**100.000%**	**100.000%**
43								
44	**Wholesale**					**-**	**0.000%**	
45								
46	**TOTAL COMPANY**					**19,342,061**	**100.000%**	
47								
48	*Based on 2014 Forecast.							

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

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

FACTOR 125: WEIGHTED 12CP & 50% AD

Line No.	RATE CLASS	AVERAGE 12 MONTH CP*	FACTOR 204 ANNUAL ENERGY @ GENERATION*	AVERAGE DEMAND (Energy/8.76)	% AVERAGE 12 CP	% AVERAGE DEMAND (kW)	FACTOR 122 WEIGHTED 12 CP & 1/13th AVG DEMAND	FACTOR 125 WEIGHTED 12 CP & 50% AVG DEMAND
15	RS							
16	**- Secondary**	**1,936,398**	**9,045,530**	**1,032,595**	**55.415%**	**46.766%**	**54.750%**	**51.091%**
18	GS & TS							
19	**- Secondary**	**212,781**	**1,082,938**	**123,623**	**6.089%**	**5.599%**	**6.052%**	**5.844%**
21	GSD							
22	- Secondary		6,937,069	791,903				
23	- Primary		1,148,645	131,124				
	- Subtrans (69 kV)		9,257	1,057				
24	**GSD - Total**	**1,251,469**	**8,094,971**	**924,083**	**35.814%**	**41.852%**	**36.279%**	**38.833%**
26	IS							
27	- Primary		248,097	28,322				
28	- Subtrans (69 kV)		637,126	72,731				
29	**I/S - Total**	**90,372**	**885,222**	**101,053**	**2.586%**	**4.577%**	**2.739%**	**3.581%**
31	LS							
32	**- Secondary**	**3,313**	**233,400**	**26,644**	**0.095%**	**1.207%**	**0.180%**	**0.651%**
34	**TOTAL**	**3,494,333**	**19,342,061**	**2,207,998**	**100.000%**	**100.000%**	**100.000%**	**100.000%**

*Based on 2014 Forecast.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

FACTOR 125: WEIGHTED 12CP & 50% AD

Line No.	RATE CLASS	AVERAGE 12 MONTH CP*	FACTOR 204 ANNUAL ENERGY @ GENERATION*	AVERAGE DEMAND (Energy/8.76)	% AVERAGE 12 CP	% AVERAGE DEMAND (kW)	FACTOR 125 WEIGHTED 12 CP & 50% AVG DEMAND
14	RS						
15	**- Secondary**	**1,936,398**	**9,045,530**	**1,032,595**	**55.415%**	**46.766%**	**51.091%**
16							
17	GS & TS						
18	**- Secondary**	**212,781**	**1,082,938**	**123,623**	**6.089%**	**5.599%**	**5.844%**
19							
20	GSD						
21	- Secondary		6,937,069	791,903			
22	- Primary		1,148,645	131,124			
23	- Subtrans (69 kV)		9,257	1,057			
24	**GSD - Total**	**1,251,469**	**8,094,971**	**924,083**	**35.814%**	**41.852%**	**38.833%**
25							
26	IS						
27	- Primary		248,097	28,322			
28	- Subtrans (69 kV)		637,126	72,731			
29	**I/S - Total**	**90,372**	**885,222**	**101,053**	**2.586%**	4.577%	**3.581%**
30							
31	LS						
32	**- Secondary**	**3,313**	**233,400**	**26,644**	**0.095%**	**1.207%**	**0.651%**
33							
34	**TOTAL**	**3,494,333**	**19,342,061**	**2,207,998**	**100.000%**	**100.000%**	**100.000%**

*Based on 2014 Forecast.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

FACTOR 128: PROPOSED WEIGHTED 12CP & 50% AD

Line No.	RATE CLASS	AVERAGE 12 MONTH CP*	FACTOR 204 ANNUAL ENERGY @ GENERATION*	AVERAGE DEMAND (Energy/8.76)	% AVERAGE 12 CP	% AVERAGE DEMAND (kW)	FACTOR 128 WEIGHTED 12 CP & 50% AVG DEMAND
13	**RS - Secondary**	**1,936,398**	**9,045,530**	**1,032,595**	**55.415%**	**46.766%**	**51.091%**
16	**GS & TS**	**212,781**	**1,082,938**	**123,623**	**6.089%**	**5.599%**	**5.844%**
19	**GSD**	**1,341,841**	**8,980,194**	**1,025,136**	**38.400%**	**46.428%**	**42.414%**
22	**LS - Secondary**	**3,313**	**233,400**	**26,644**	**0.095%**	**1.207%**	**0.651%**
24	**TOTAL**	**3,494,333**	**19,342,061**	**2,207,998**	**100.000%**	**100.000%**	**100.000%**

*Based on 2014 Forecast.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

FACTOR 117: DERIVATION OF TRANSMISSION ALLOCATION

COINCIDENT DEMAND BY CUSTOMER CLASS
Coincident kW at Transmission Level

Line No.		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Feb-15	Oct-14	Nov-14	Dec-14	Total 12 Month CP	Total 12 Month Avg CP	FACTOR 117 TRANSMISSION CAPACITY 12 CP
10	**RETAIL**															
12	RES - sec	2,589,606	2,056,042	1,589,011	1,552,402	1,886,833	2,062,691	2,118,791	2,195,964	2,064,953	1,824,837	1,383,581	1,912,071	23,236,781	1,936,398	
14	GS - sec	211,502	174,555	189,607	214,147	217,940	237,550	246,585	238,943	232,923	216,444	205,796	167,376	2,553,367	212,781	
16	GSD - sec	943,886	935,301	1,029,673	1,079,364	1,127,075	1,193,539	1,235,330	1,239,357	1,194,760	1,115,434	1,083,949	911,822	13,089,490	1,090,791	
17	GSD - pri	146,915	130,820	153,892	164,348	169,222	175,113	178,086	177,941	177,696	165,040	157,090	125,995	1,922,158	160,180	
18	GSD - 69kv	457	407	479	511	526	545	554	553	553	513	489	392	5,978	498	
19	GSD - total	1,091,257	1,066,528	1,184,044	1,244,223	1,296,823	1,369,196	1,413,970	1,417,851	1,373,008	1,280,987	1,241,528	1,038,209	15,017,626	1,251,469	
22	I/S - pri	23,727	22,014	25,347	23,322	23,417	19,973	21,265	18,906	17,349	24,743	29,271	22,493	271,828	22,652	
23	I/S - 69kv	70,654	65,841	75,992	69,905	69,987	59,590	63,389	56,335	51,766	73,989	87,824	67,367	812,638	67,720	
24	I/S - total	94,381	87,855	101,339	93,228	93,404	79,563	84,654	75,241	69,115	98,732	117,095	89,860	1,084,466	90,372	
26	LS - sec	12,255	20,020	0	0	0	0	0	0	0	0	0	7,485	39,759	3,313	
28	TOTAL RETAIL CP	3,999,000	3,405,000	3,064,000	3,104,000	3,495,000	3,749,000	3,864,000	3,928,000	3,740,000	3,421,000	2,948,000	3,215,000	41,931,999	3,494,333	98.367%
31	**WHOLESALE***															
32	SEPARATED SALES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
33	FIRM WHEELING	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	696,000	58,000	
34	TOTAL WHOLESALE	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	58,000	696,000	58,000	1.633%
37	**TOTAL SYSTEM**	4,057,000	3,463,000	3,122,000	3,162,000	3,553,000	3,807,000	3,922,000	3,986,000	3,798,000	3,479,000	3,006,000	3,273,000	42,627,999	3,552,333	100.000%

*Wholesale Sales expanded from Sales to Output to Line, numbers may not foot due to rounding.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/09
___Projected Prior Year Ended 12/31/08
__ Historical Prior Year Ended 12/31/07
Witness: W. R. Ashburn

FACTOR 105: DISTRIBUTION PRIMARY - NCP

The factor is the non-coincident peak (NCP) for each rate class at the primary served voltage. IS is adjusted for MW @ 69 kV subtrans level.
Expansion factors & backdown factors are based on the 2008 Distribution Loss Study.

Line No.	Rate Class	NCP @ CUST. MTRS MW*	NCP @ SECONDARY VOLTAGE (MW)	FACTOR 105 NCP @ PRIMARY VOLTAGE
9	RS			
10	Expansion Factor			1.02613
11	**- Secondary**	**2,385.0**	**2,385.0**	**2,447.3**
13	GS & TS			
14	Expansion Factor			1.02521
15	**- Secondary**	**228.7**	**228.7**	**234.5**
17	GSD			
18	Expansion Factor			1.02549
19	Backdown Factor		0.98222	0.99483
20	- Secondary	1,163.4	1,163.0	1,192.6
21	- Primary	179.5	0.8	179.5
22	**GSD - Total**	**1,342.9**	**1,163.8**	**1,372.1**
25	IS			
26	Expansion Factor			1.02536
27	Backdown Factor		0.97920	0.99654
28	- Primary	22.3	-	22.3
29	- Subtrans (69 kV)	122.7	-	-
30	**I/S - Total**	**145.1**	**-**	**22.3**
32	LS			
33	Expansion Factor			1.02400
34	Backdown Factor		0.98173	0.99594
35	**- Secondary**	**57.3**	**57.3**	**58.7**
37	**TOTAL**	**4,159.0**	**3,834.8**	**4,134.9**

*Based on 2014 Forecast.

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

FACTOR 106: CUSTOMER MAX DEMANDS @ SECONDARY

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

Line No.	Rate Class	ENERGY SALES @ DISTRI SEC SYSTEM (mWH)	INDIV. CUST MAX DEMAND LOAD FACTORS	FACTOR 106 INDIVIDUAL CUST MAX (kW)
11	RS			
12	**- Secondary**	**8,563,002**	**0.207**	**4,718,090**
13				
14	GS & TS			
15	**- Secondary**	**1,024,815**	**0.249**	**470,263**
16				
17	GSD			
18	- Secondary	6,411,253		
19	- Primary Delivered	-		
20	- Primary Metered,Secondary Served	158,326		
21				
22	**GSD - Total**	**6,569,579**	**0.505**	**1,485,053**
23				
24	IS			
25	- Primary	-		
26	- Subtrans (69 kV)	-		
27	less Optional Provision	-		
28	**I/S - Total**	**-**	**0.331**	**-**
29				
30	LS			
31	**- Secondary**	**220,949**	**0.480**	**52,602**
32				
33	**TOTAL**	**16,378,345**	**n/a**	**6,726,009**
34				
35				
36				
37				
38				
39				
40				

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

Line No.

METER INVESTMENT ASSIGNMENT - FACTOR 308
METER READING EXPENSE - FACTOR 311

Meters and the Distribution Customer cost function are allocated based on customer weighted meter costs. The cost per meter is based on 2012 installed costs. The calculations are presented below.

WEIGHTED METER COST BY CLASS				AVERAGE NUMBER OF CUSTOMERS / METERS					
METER TYPE	INSTALLED $/MTR	METER READING $/MTR		FPSC	RS	GS	GSD	IS	LS
Single Phase									
SC Energy Only - AMR	$93.00	$	0.19	664,632	619,152	45,263			217
SC Demand - AMR	$93.00	$	0.19	2,171			2,171		
SC Demand or TOU	$187.00	$	3.05	2,830		2,600	230		
Polyphase SC									
Energy Only CL200	$290.00	$	3.05	12,716		12,716			
Energy Only AMR	$290.00	$	3.05	7,035		7,035			
Demand or TOU CL200	$227.00	$	3.05	776		76	700		
Demand AMR*	$260.00	$	0.19	2,880			2,880		
Polyphase TR (Secondary)									
Energy Only with 3 CTs	$874.00	$	3.05	257		257			
Demand with 3 CTs	$874.00	$	3.05	5,902			5,902		
Demand AMR w/ 3 CTs*	$874.00	$	0.19	2,005			2,005		
Polyphase TR Cluster (Pri 4-13kv)									
OH- Demand w/ 3CT & 3 PT	$6,622.00	$	3.05	93		26	67		
OH- Recorder w/ 3CT & 3 PT	$6,622.00	$	50.00	28				28	
UG -Recorder w/ 3CT & 3PT - Pri	$6,622.00	$	50.00	70			69	1	
UG-Recorder w/ 3CT & 3 PT - Sec	$6,622.00	$	50.00	-					
Transmission Metering (69 kv)	$57,146.00	$	50.00	20			6	14	
Total Avg Customers				701,415	619,152	67,973	14,030	43	217

FACTOR 308 - Meter Investment Assignment						
No. of Average Customers times Installed $/Mtr Costs	78,737,686	57,581,136	10,837,491	9,306,798	992,080	20,181
Factor 311 - Meter Reading Expense						
No. of Average Customers * Meter Reading $/Mtr Costs*12 mo.	2,685,938	1,411,667	934,386	313,591	25,800	495

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION
COMPANY: TAMPA ELECTRIC COMPANY
DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Ashburn

ANNUAL NUMBER OF BILLS - FACTOR 412
This factor is derived based on the number of average bills by customer class.

DISTRIBUTION PRIMARY - CUSTOMER COMPONENT - FACTOR 418
This allocator is used primarily for a the customer component of distribution primary investment and expenses, when the minimum distribution system (MDS) is employed.

DISTRIBUTION SECONDARY - CUSTOMER COMPONENT - FACTOR 420
This allocator is used primarily for a the customer component of distribution secondary investment and expenses, when the minimum distribution system (MDS) is employed.

Line No.			AVERAGE NUMBER OF CUSTOMERS					
			FPSC	RS	GS	GSD	IS	LS
	Factor 412 - Annual Number of Bills							
	Total Avg Customers (excl. Unmetered)		701,415	619,152	67,973	14,030	43	217
	Add Lighting Circuits		3,494					3,494
	Add Unmetered Customers		186		186			
	Revised Customers		705,095	619,152	68,159	14,030	43	3,711
	times 12 months		12	12	12	12	12	12
	Annual Number of Bills	Factor 412	8,461,140	7,429,824	817,908	168,360	516	44,532
	Factor 418 - Distribution Primary - Customer Component							
	Total Avg Customers (excl Unmetered)		701,415	619,152	67,973	14,030	43	217
	Remove Customers served at Subtrans		(20)			(6)	(14)	
	Add Lighting Circuits		3,494					3,494
	Add Unmetered Customers		186		186			
	Distribution Primary - Customer Component	Factor 418	705,075	619,152	68,159	14,024	29	3,711
	Factor 420 - Distribution Secondary - Customer Component							
	Distribution Primary - Customer Component (Factor 418 above)		705,075	619,152	68,159	14,024	29	3,711
	Remove Customers served at Primary		(165)			(136)	(29)	
	Distribution Secondary - Customer Component	Factor 420	704,910	619,152	68,159	13,888	-	3,711

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 130040-EI

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

Type of Data Shown:
XX Projected Test Year Ended 12/31/14
___Projected Prior Year Ended 12/31/13
__ Historical Prior Year Ended 12/31/12
Witness: W. R. Asburn

Line No.

FACTOR 309: INTERRUPTIBLE EQUIPMENT - DIRECT ALLOCATION
This is a 100% direct assignment to the IS customer class for specialized equipment installed on their behalf to allow for "interruptibility".

FACTOR 310: STREET LIGHTING - DIRECT ALLOCATION
This is a 100% direct assignment to the SL/OL customer class for specialized equipment installed on their behalf.

FACTOR 401, 402 & 403 - DEMAND BILLING DETERMINANTS
Factor 401 is the production & transmission billing determinant; 402 is the distribution primary and 403 is the distribution secondary 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. In the proposed model, the GSD & IS classes are combined.

FACTOR 404, 405 & 406 - ENERGY BILLING DETERMINANTS
This factor is based on the projected mWh sales for all classes and is used for the unit cost calculation. In the proposed model, the GSD & IS classes are combined.

FACTOR 501 & 507- REVENUE FROM SALES
The revenue classification is determined based on the total revenue required from sales. Factor 507 is retail portion only.

FACTOR 508 - UNBILLED SALES REVENUE
This factor is based on estimated unbilled revenues per rate class.The factor excludes the IS class.

FACTOR 817 - TRANSMISSION 12 CP - (RETAIL ONLY)
This factor is based on the original factor 117. The factor excludes wholesale sales.

INTERNALLY DEVELOPED ALLOCATION FACTORS

FACTOR 607 PTD O&M Exp - Distri Customer
This factor is developed based on production, transmission and distribution O&M expense and is applied to the Distribution Cust portion of A&G expenses.

FACTOR 907 PTD Plant - Distri Customer
This factor is developed based on production, transmission and distribution plant investment. It is the primary allocator for Distribution Customer expenses.

Supporting Schedules: Recap Schedules:

SCHEDULE E-11		DEVELOPMENT OF COINCIDENT AND NON COINCIDENT DEMANDS FOR COST STUDY	Page 1 of 18
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	*Provide a description of how the coincident and non-coincident demands for the test year were developed.*	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 12/31/2014
COMPANY: TAMPA ELECTRIC COMPANY		expanded from the meter level to the generation level. Provide the work papers for the actual calculations.	Projected Prior Year Ended 12/31/2013
		If a methodology other than the application of ratios of class' coincident and non coincident load to actual MWH	Historical Prior Year Ended 12/31/2012
DOCKET No. 130040-EI		sales is used to derive projected demands, provide justification for the use of the methodology.	Witness: L.L. Cifuentes/W.R. Ashburn

Development of Class Demands at the Meter:

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

Development of Projected Demands at the Meter:

Using class level load research data (described in prior step) collected during the period January 2007 to August 2012, estimates were made of class total demands for each hour in the projected test-year. ITRON's MetrixND and MetrixLT load forecasting tools are used to model hourly load profiles for each rate class. For each rate class, the following models are developed:

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

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

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

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

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

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

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

JANUARY 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02612	1.03195	1.02536
BACKDOWN FACTOR		0.98217	0.99440		
RESIDENTIAL					
SECONDARY	2,385.1	2,385.1	2,447.4	2,525.6	2,589.6
GS & TS					
SEM/SES (TC 0,A)	194.7	194.7	199.8	206.2	211.4
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	194.8	194.7	199.9	206.3	211.5
GSD					
SEM/SES (TC 0,A)	854.1	854.1	876.4	904.4	927.3
SEM/PRS (TC 7,G)	0.6	0.6	0.6	0.6	0.7
PRM/SES (TC 6,F)	15.7	15.4	15.7	16.2	16.6
PRM/PRS (TC 5,E)	138.1		138.1	142.5	146.1
PRM/SUS (TC 8,H)	0.4		0.4	0.4	0.4
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,009.0	870.1	1,031.3	1,064.3	1,091.3
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	22.4		22.4	23.1	23.7
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	68.9			68.9	70.7
SUBTOTAL	91.3	0.0	22.4	92.0	94.4
SL/OL					
SECONDARY	11.3	11.3	11.6	12.0	12.3
TOTAL					
SEM/SES (TC 0,A)	3,445.1	3,445.1	3,535.1	3,648.1	3,740.6
SEM/PRS (TC 7,G)	0.6	0.6	0.6	0.6	0.7
PRM/SES (TC 6,F)	15.7	15.4	15.7	16.2	16.6
PRM/PRS (TC 5,E)	160.6	0.0	160.6	185.7	169.9
PRM/SUS (TC 8,H)	0.4	0.0	0.4	0.4	0.4
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	68.9	0.0	0.0	68.9	70.7
TOTAL	3,691.5	3,461.2	3,712.5	3,900.1	3,999.0
RETAIL LOSSES		90.0	118.6	98.9	307.5

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

FEBRUARY 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

	DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
				(Metered Voltage Level)		
	EXPANSION FACTOR			1.02456	1.02745	1.02306
	BACKDOWN FACTOR		0.98257	0.99510		
	RESIDENTIAL					
	SECONDARY	1,909.1	1,909.1	1,956.0	2,009.7	2,056.0
	GS & TS					
	SEM/SES (TC 0,A)	162.0	162.0	166.0	170.5	174.5
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 8,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUBTOTAL	162.1	162.0	166.1	170.6	174.6
	GSD					
	SEM/SES (TC 0,A)	854.8	854.8	875.8	899.8	920.6
	SEM/PRS (TC 7,G)	0.5	0.5	0.6	0.6	0.6
	PRM/SES (TC 6,F)	14.0	13.8	14.0	14.4	14.8
	PRM/PRS (TC 5,E)	123.8		123.8	127.2	130.1
	PRM/SUS (TC 8,H)	0.4		0.4	0.4	0.4
	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
	SUM/SUS (TC 3,C)	0.0			0.0	0.0
	SUBTOTAL	993.6	869.1	1,014.6	1,042.5	1,066.5
	IS					
	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	20.9		20.9	21.5	22.0
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
	SUM/SUS (TC 3,C)	64.4			64.4	65.8
	SUBTOTAL	85.3	0.0	20.9	85.9	87.9
	SL/OL					
	SECONDARY	18.6	18.6	19.0	19.6	20.0
	TOTAL					
	SEM/SES (TC 0,A)	2,944.5	2,944.5	3,016.8	3,099.6	3,171.1
	SEM/PRS (TC 7,G)	0.5	0.5	0.6	0.6	0.6
	PRM/SES (TC 6,F)	14.1	13.8	14.1	14.5	14.8
	PRM/PRS (TC 5,E)	144.8	0.0	144.8	148.7	152.2
	PRM/SUS (TC 8,H)	0.4	0.0	0.4	0.4	0.4
	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
	SUM/SUS (TC 3,C)	64.4	0.0	0.0	64.4	65.9
	TOTAL	3,168.7	2,958.9	3,176.7	3,328.2	3,405.0
	RETAIL LOSSES		72.3	87.2	76.8	236.3

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

MARCH 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02434	1.02497	1.02172
BACKDOWN FACTOR		0.98229	0.98546		
RESIDENTIAL					
SECONDARY	1,481.3	1,481.3	1,517.3	1,555.2	1,589.0
GS & TS					
SEM/SES (TC 0,A)	176.7	176.7	181.0	185.5	189.5
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	176.8	176.7	181.1	185.6	189.6
GSD					
SEM/SES (TC 0,A)	943.7	943.7	966.7	990.8	1,012.3
SEM/PRS (TC 7,G)	0.6	0.6	0.7	0.7	0.7
PRM/SES (TC 6,F)	16.6	16.3	16.6	17.0	17.4
PRM/PRS (TC 5,E)	146.2		146.2	149.8	153.1
PRM/SUS (TC 8,H)	0.4		0.4	0.4	0.4
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,107.7	960.6	1,130.6	1,158.9	1,184.0
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	24.2		24.2	24.8	25.3
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	74.4			74.4	76.0
SUBTOTAL	98.6	0.0	24.2	99.2	101.3
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	2,601.7	2,601.7	2,665.0	2,731.5	2,790.8
SEM/PRS (TC 7,G)	0.6	0.6	0.7	0.7	0.7
PRM/SES (TC 6,F)	16.6	16.3	16.6	17.0	17.4
PRM/PRS (TC 5,E)	170.4	0.0	170.4	174.7	178.4
PRM/SUS (TC 8,H)	0.4	0.0	0.4	0.4	0.5
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	74.4	0.0	0.0	74.4	76.0
TOTAL	2,864.3	2,618.6	2,853.2	2,998.9	3,064.0
RETAIL LOSSES		63.3	71.2	65.1	199.7

Supporting Schedules:

Recap Schedules:

SCHEDULE E-11 | DEVELOPMENT OF COINCIDENT AND NON COINCIDENT DEMANDS FOR COST STUDY | Page 5 of 18

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

APRIL 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02442	1.02522	1.02188
BACKDOWN FACTOR		0.98230	0.99543		
RESIDENTIAL					
SECONDARY	1,446.5	1,446.5	1,481.8	1,519.2	1,552.4
GS & TS					
SEM/SES (TC 0,A)	199.4	199.4	204.3	209.5	214.0
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.1
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	199.5	199.5	204.4	209.6	214.1
GSD					
SEM/SES (TC 0,A)	988.4	988.4	1,012.6	1,038.1	1,060.8
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.7
PRM/SES (TC 6,F)	17.7	17.4	17.7	18.1	18.5
PRM/PRS (TC 5,E)	156.0		156.0	160.0	163.5
PRM/SUS (TC 8,H)	0.5		0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,163.5	1,006.5	1,187.6	1,217.6	1,244.2
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	22.3		22.3	22.8	23.3
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	68.4			68.4	69.9
SUBTOTAL	90.7	0.0	22.3	91.2	93.2
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	2,634.4	2,634.4	2,698.7	2,766.7	2,827.3
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.7
PRM/SES (TC 6,F)	17.7	17.4	17.7	18.2	18.6
PRM/PRS (TC 5,E)	178.3	0.0	178.3	182.8	186.8
PRM/SUS (TC 8,H)	0.5	0.0	0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.2
SUM/SUS (TC 3,C)	68.4	0.0	0.0	68.4	69.9
TOTAL	2,900.2	2,652.5	2,896.1	3,037.5	3,104.0
RETAIL LOSSES		64.3	73.0	66.5	203.8

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

MAY 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02512	1.02816	1.02341
BACKDOWN FACTOR		0.98231	0.99499		
RESIDENTIAL					
SECONDARY	1,749.2	1,749.2	1,793.2	1,843.7	1,886.8
GS & TS					
SEM/SES (TC 0,A)	202.0	202.0	207.0	212.9	217.8
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.1
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	202.0	202.0	207.1	213.0	217.9
GSD					
SEM/SES (TC 0,A)	1,027.2	1,027.2	1,053.0	1,082.6	1,108.0
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.8
PRM/SES (TC 6,F)	18.1	17.8	18.1	18.6	19.1
PRM/PRS (TC 5,E)	159.9		159.9	164.5	168.3
PRM/SUS (TC 8,H)	0.5		0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2		0.2	0.2	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,206.6	1,045.7	1,232.4	1,287.2	1,296.8
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	22.3		22.3	22.9	23.4
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	68.4			68.4	70.0
SUBTOTAL	90.6	0.0	22.3	91.3	93.4
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	2,978.4	2,978.4	3,053.2	3,139.2	3,212.7
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.8
PRM/SES (TC 6,F)	18.2	17.9	18.2	18.7	19.1
PRM/PRS (TC 5,E)	182.2	0.0	182.2	187.4	191.8
PRM/SUS (TC 8,H)	0.5	0.0	0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2	0.0	0.2	0.2	0.2
SUM/SUS (TC 3,C)	68.4	0.0	0.0	68.4	70.0
TOTAL	3,248.5	2,996.9	3,255.0	3,415.0	3,495.0
RETAIL LOSSES		74.8	91.7	80.0	246.4

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

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Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

JUNE 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02562	1.02998	1.02440
BACKDOWN FACTOR		0.98227	0.99471		
RESIDENTIAL					
SECONDARY	1,906.1	1,906.1	1,954.9	2,013.6	2,062.7
GS & TS					
SEM/SES (TC 0,A)	219.4	219.4	225.0	231.8	237.4
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	219.5	219.5	225.1	231.9	237.5
GSD					
SEM/SES (TC 0,A)	1,084.7	1,084.7	1,112.5	1,145.8	1,173.8
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.8	0.8
PRM/SES (TC 6,F)	18.7	18.4	18.7	19.3	19.7
PRM/PRS (TC 5,E)	165.1		165.1	170.0	174.2
PRM/SUS (TC 8,H)	0.5		0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2		0.2	0.2	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,269.9	1,103.8	1,297.6	1,336.6	1,369.2
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	18.9		18.9	19.5	20.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	58.2			58.2	59.6
SUBTOTAL	77.1	0.0	18.9	77.7	79.6
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,210.2	3,210.2	3,292.5	3,391.2	3,473.9
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.8	0.8
PRM/SES (TC 6,F)	18.8	18.4	18.8	19.3	19.8
PRM/PRS (TC 5,E)	184.0	0.0	184.0	189.6	194.2
PRM/SUS (TC 8,H)	0.5	0.0	0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2	0.0	0.2	0.2	0.2
SUM/SUS (TC 3,C)	58.2	0.0	0.0	58.2	59.6
TOTAL	3,472.6	3,229.4	3,496.7	3,659.7	3,749.0
RETAIL LOSSES		82.2	104.8	89.3	276.4

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

JULY 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02596	1.03088	1.02484
BACKDOWN FACTOR		0.98216	0.99457		
RESIDENTIAL					
SECONDARY	1,954.8	1,954.8	2,005.5	2,067.4	2,118.8
GS & TS					
SEM/SES (TC 0,A)	227.4	227.4	233.3	240.5	246.5
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1
PRM/PRS (TC 5,E)	0.0		0.0	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	227.5	227.4	233.4	240.6	246.6
GSD					
SEM/SES (TC 0,A)	1,121.2	1,121.2	1,150.3	1,185.8	1,215.3
SEM/PRS (TC 7,G)	0.7	0.7	0.8	0.8	0.8
PRM/SES (TC 6,F)	19.0	18.7	19.0	19.6	20.1
PRM/PRS (TC 5,E)	167.6		167.6	172.8	177.1
PRM/SUS (TC 8,H)	0.5		0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2		0.2	0.2	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,309.2	1,140.6	1,338.3	1,379.7	1,414.0
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	20.1		20.1	20.7	21.3
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	61.9			61.9	63.4
SUBTOTAL	82.0	0.0	20.1	82.6	84.7
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,303.3	3,303.3	3,389.1	3,493.7	3,580.5
SEM/PRS (TC 7,G)	0.7	0.7	0.8	0.8	0.8
PRM/SES (TC 6,F)	19.1	18.7	19.1	19.6	20.1
PRM/PRS (TC 5,E)	187.8	0.0	187.8	193.6	198.4
PRM/SUS (TC 8,H)	0.5	0.0	0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2	0.0	0.2	0.2	0.2
SUM/SUS (TC 3,C)	61.9	0.0	0.0	61.9	63.4
TOTAL	3,573.5	3,322.8	3,597.4	3,770.3	3,864.0
RETAIL LOSSES		85.8	111.1	93.7	290.5

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

AUGUST 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02605	1.03130	1.02508
BACKDOWN FACTOR		0.98216	0.99450		
RESIDENTIAL					
SECONDARY	2,024.5	2,024.5	2,077.2	2,142.2	2,196.0
GS & TS					
SEM/SES (TC 0,A)	220.2	220.2	225.9	233.0	238.8
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	220.3	220.2	226.0	233.1	238.9
GSD					
SEM/SES (TC 0,A)	1,124.1	1,124.1	1,153.4	1,189.5	1,219.3
SEM/PRS (TC 7,G)	0.7	0.7	0.8	0.8	0.8
PRM/SES (TC 6,F)	19.0	18.6	19.0	19.6	20.1
PRM/PRS (TC 5,E)	167.4		167.4	172.6	177.0
PRM/SUS (TC 8,H)	0.5		0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2		0.2	0.2	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,311.9	1,143.5	1,341.1	1,383.2	1,417.9
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	17.9		17.9	18.4	18.9
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	55.0			55.0	56.3
SUBTOTAL	72.8	0.0	17.9	73.4	75.2
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,368.7	3,368.7	3,456.5	3,564.7	3,654.1
SEM/PRS (TC 7,G)	0.7	0.7	0.8	0.8	0.8
PRM/SES (TC 6,F)	19.0	18.7	19.0	19.6	20.1
PRM/PRS (TC 5,E)	185.3	0.0	185.3	191.1	195.9
PRM/SUS (TC 8,H)	0.5	0.0	0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2	0.0	0.2	0.2	0.2
SUM/SUS (TC 3,C)	55.0	0.0	0.0	55.0	56.4
TOTAL	3,629.5	3,388.2	3,662.3	3,831.9	3,928.0
RETAIL LOSSES		87.8	114.6	96.1	298.5

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of date shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

SEPTEMBER 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02554	1.02985	1.02436
BACKDOWN FACTOR		0.98231	0.99473		
RESIDENTIAL					
SECONDARY	1,908.7	1,908.7	1,957.4	2,015.8	2,065.0
GS & TS					
SEM/SES (TC 0,A)	215.2	215.2	220.7	227.3	232.8
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.1	0.1	0.1	0.1	0.1
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	215.3	215.2	220.8	227.4	232.9
GSD					
SEM/SES (TC 0,A)	1,085.8	1,085.8	1,113.5	1,146.8	1,174.7
SEM/PRS (TC 7,G)	0.7	0.7	0.8	0.8	0.8
PRM/SES (TC 6,F)	19.0	18.7	19.0	19.6	20.0
PRM/PRS (TC 5,E)	167.5		167.5	172.5	176.7
PRM/SUS (TC 8,H)	0.5		0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2		0.2	0.2	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,273.8	1,105.2	1,301.5	1,340.4	1,373.0
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	16.4		16.4	16.9	17.3
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	50.5			50.5	51.8
SUBTOTAL	67.0	0.0	16.4	67.5	69.1
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,209.7	3,209.7	3,291.6	3,389.9	3,472.5
SEM/PRS (TC 7,G)	0.7	0.7	0.8	0.8	0.8
PRM/SES (TC 6,F)	19.0	18.7	19.0	19.6	20.1
PRM/PRS (TC 5,E)	184.0	0.0	184.0	189.5	194.1
PRM/SUS (TC 8,H)	0.5	0.0	0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.2	0.0	0.2	0.2	0.2
SUM/SUS (TC 3,C)	50.6	0.0	0.0	50.6	51.8
TOTAL	3,464.7	3,229.1	3,496.1	3,651.1	3,740.0
RETAIL LOSSES		82.0	104.4	88.9	275.3

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

OCTOBER 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02498	1.02764	1.02312
BACKDOWN FACTOR		0.98232	0.99507		
RESIDENTIAL					
SECONDARY	1,693.3	1,693.3	1,735.6	1,783.6	1,824.8
GS & TS					
SEM/SES (TC 0,A)	200.7	200.7	205.8	211.5	216.3
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.1
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	200.8	200.8	205.9	211.6	216.4
GSD					
SEM/SES (TC 0,A)	1,017.8	1,017.8	1,043.2	1,072.0	1,096.8
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.7
PRM/SES (TC 6,F)	17.7	17.4	17.7	18.2	18.6
PRM/PRS (TC 5,E)	156.1		156.1	160.4	164.1
PRM/SUS (TC 8,H)	0.5		0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,192.9	1,035.9	1,218.3	1,252.0	1,281.0
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	23.5		23.5	24.2	24.7
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	72.3			72.3	74.0
SUBTOTAL	95.9	0.0	23.5	96.5	98.7
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	2,911.8	2,911.8	2,984.6	3,067.1	3,138.0
SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.7
PRM/SES (TC 6,F)	17.7	17.4	17.7	18.2	18.7
PRM/PRS (TC 5,E)	179.7	0.0	179.7	184.7	188.9
PRM/SUS (TC 8,H)	0.5	0.0	0.5	0.5	0.5
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.2
SUM/SUS (TC 3,C)	72.4	0.0	0.0	72.4	74.0
TOTAL	3,182.9	2,930.0	3,183.4	3,343.7	3,421.0
RETAIL LOSSES		72.8	88.0	77.3	238.0

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

NOVEMBER 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

	DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
				(Metered Voltage Level)		
6	EXPANSION FACTOR			1.02440	1.02420	1.02126
7	BACKDOWN FACTOR		0.98208	0.99558		
8						
9	RESIDENTIAL					
10	SECONDARY	1,291.3	1,291.3	1,322.8	1,354.8	1,383.6
11						
12	GS & TS					
13	SEM/SES (TC 0,A)	192.0	192.0	196.7	201.4	205.7
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	192.1	192.0	196.8	201.5	205.8
19						
20	GSD					
21	SEM/SES (TC 0,A)	995.1	995.1	1,019.4	1,044.0	1,066.2
22	SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.7
23	PRM/SES (TC 6,F)	16.9	16.6	16.9	17.3	17.7
24	PRM/PRS (TC 5,E)	149.4		149.4	153.0	156.2
25	PRM/SUS (TC 8,H)	0.4		0.4	0.4	0.5
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	1,162.7	1,012.4	1,186.9	1,215.7	1,241.5
29						
30	IS					
31	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
32	PRM/PRS (TC 5,E)	28.0		28.0	28.7	29.3
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)	86.0			86.0	87.8
36	SUBTOTAL	114.0	0.0	28.0	114.7	117.1
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)	2,478.3	2,478.3	2,538.8	2,600.2	2,655.5
43	SEM/PRS (TC 7,G)	0.7	0.7	0.7	0.7	0.7
44	PRM/SES (TC 6,F)	17.0	16.7	17.0	17.4	17.8
45	PRM/PRS (TC 5,E)	177.4	0.0	177.4	181.7	185.6
46	PRM/SUS (TC 8,H)	0.4	0.0	0.4	0.5	0.5
47	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
48	SUM/SUS (TC 3,C)	86.0	0.0	0.0	86.0	87.9
49	TOTAL	2,760.0	2,495.7	2,734.4	2,886.6	2,948.0
50						
51	RETAIL LOSSES		60.5	66.2	61.4	188.0
52						

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
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Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

DECEMBER 2014 PROJECTED RETAIL COINCIDENT PEAK EXPANSION

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02419	1.02603	1.02232
BACKDOWN FACTOR		0.98259	0.99531		
RESIDENTIAL					
SECONDARY	1,779.8	1,779.8	1,822.9	1,870.3	1,912.1
GS & TS					
SEM/SES (TC 0,A)	155.7	155.7	159.5	163.6	167.3
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	155.8	155.8	159.6	163.7	167.4
GSD					
SEM/SES (TC 0,A)	835.5	835.5	855.7	878.0	897.6
SEM/PRS (TC 7,G)	0.5	0.5	0.5	0.6	0.6
PRM/SES (TC 6,F)	13.5	13.3	13.5	13.9	14.2
PRM/PRS (TC 5,E)	119.5		119.5	122.6	125.3
PRM/SUS (TC 8,H)	0.3		0.3	0.4	0.4
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	969.6	849.4	989.8	1,015.5	1,038.2
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	21.4		21.4	22.0	22.5
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	65.9			65.9	67.4
SUBTOTAL	87.3	0.0	21.4	87.9	89.9
SL/OL					
SECONDARY	7.0	7.0	7.1	7.3	7.5
TOTAL					
SEM/SES (TC 0,A)	2,778.1	2,778.1	2,845.3	2,919.3	2,984.5
SEM/PRS (TC 7,G)	0.5	0.5	0.5	0.6	0.6
PRM/SES (TC 6,F)	13.6	13.3	13.6	13.9	14.2
PRM/PRS (TC 5,E)	140.9	0.0	140.9	144.6	147.8
PRM/SUS (TC 8,H)	0.4	0.0	0.4	0.4	0.4
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	65.9	0.0	0.0	65.9	67.4
TOTAL	2,999.5	2,791.9	3,000.8	3,144.8	3,215.0
RETAIL LOSSES		67.2	78.1	70.2	215.5

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
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Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

RESIDENTIAL SERVICE 2014 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02613	1.03203	1.02536
BACKDOWN FACTOR		0.98216	0.99439		
RESIDENTIAL					
SECONDARY	2,385.0	2,385.0	2,447.3	2,525.7	2,589.8
GS & TS					
SEM/SES (TC 0,A)	194.7	194.7	199.8	206.2	211.4
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	194.8	194.7	199.9	206.3	211.5
GSD					
SEM/SES (TC 0,A)	853.1	853.1	675.4	903.5	926.4
SEM/PRS (TC 7,G)	0.6	0.6	0.6	0.6	0.7
PRM/SES (TC 6,F)	14.4	14.1	14.4	14.8	15.2
PRM/PRS (TC 5,E)	140.4		140.4	144.9	148.6
PRM/SUS (TC 8,H)	0.3		0.3	0.3	0.3
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,009.0	867.9	1,031.3	1,064.4	1,091.3
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	14.1		14.1	14.5	14.9
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	77.3			77.3	79.2
SUBTOTAL	91.3	0.0	14.1	91.8	94.1
SL/OL					
SECONDARY	11.3	11.3	11.6	12.0	12.3
TOTAL					
SEM/SES (TC 0,A)	3,444.2	3,444.2	3,534.2	3,647.4	3,739.8
SEM/PRS (TC 7,G)	0.6	0.6	0.6	0.6	0.7
PRM/SES (TC 6,F)	14.4	14.1	14.4	14.9	15.2
PRM/PRS (TC 5,E)	154.6	0.0	154.6	159.5	163.5
PRM/SUS (TC 8,H)	0.3	0.0	0.3	0.3	0.3
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	77.3	0.0	0.0	77.3	79.2
TOTAL	3,691.5	3,458.9	3,704.2	3,900.1	3,999.0
RETAIL LOSSES		90.0	118.6	98.9	307.5

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

GENERAL SERVICE 2014 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02521	1.02917	1.02390
BACKDOWN FACTOR		0.98238	0.99483		
RESIDENTIAL					
SECONDARY	2,060.0	2,060.0	2,112.0	2,173.6	2,225.5
GS & TS					
SEM/SES (TC 0,A)	228.6	228.6	234.4	241.2	247.0
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	228.7	228.7	234.5	241.3	247.1
GSD					
SEM/SES (TC 0,A)	822.0	822.0	842.7	867.3	888.0
SEM/PRS (TC 7,G)	0.6	0.6	0.6	0.7	0.7
PRM/SES (TC 6,F)	14.6	14.3	14.6	15.0	15.3
PRM/PRS (TC 5,E)	142.5		142.5	146.6	150.1
PRM/SUS (TC 8,H)	0.3		0.3	0.3	0.3
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	980.1	838.9	1,000.8	1,030.0	1,054.6
IS					
PRM/SES (TC 8,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	13.9		13.9	14.3	14.6
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	76.3			76.3	78.1
SUBTOTAL	90.2	0.0	13.9	90.6	92.8
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,110.6	3,110.6	3,189.1	3,282.1	3,360.5
SEM/PRS (TC 7,G)	0.6	0.6	0.6	0.7	0.7
PRM/SES (TC 6,F)	14.6	14.3	14.6	15.0	15.4
PRM/PRS (TC 5,E)	156.4	0.0	156.4	161.0	164.8
PRM/SUS (TC 8,H)	0.3	0.0	0.3	0.3	0.3
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	76.3	0.0	0.0	76.3	78.1
TOTAL	3,359.0	3,125.6	3,361.2	3,535.5	3,620.0
RETAIL LOSSES		78.4	98.0	84.5	261.0

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

GENERAL SERVICE DEMAND 2014 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02549	1.02919	1.02394
BACKDOWN FACTOR		0.98222	0.99483		
RESIDENTIAL					
SECONDARY	1,715.8	1,715.8	1,759.5	1,810.8	1,854.2
GS & TS					
SEM/SES (TC 0,A)	228.4	228.4	234.2	241.0	246.8
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.1		0.1	0.1	0.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	228.5	228.4	234.3	241.1	246.9
GSD					
SEM/SES (TC 0,A)	1,145.1	1,145.1	1,174.3	1,208.6	1,237.5
SEM/PRS (TC 7,G)	0.8	0.8	0.8	0.8	0.8
PRM/SES (TC 6,F)	18.3	17.9	18.3	18.8	19.2
PRM/PRS (TC 5,E)	178.6		178.6	183.8	188.2
PRM/SUS (TC 8,H)	0.4		0.4	0.4	0.4
SUM/PRS (TC 4,D)	0.2		0.2	0.2	0.2
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	1,343.3	1,163.8	1,372.5	1,412.6	1,446.4
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	12.5		12.5	12.9	13.2
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	68.6			68.6	70.3
SUBTOTAL	81.1	0.0	12.5	81.5	83.4
SL/OL					
SECONDARY	0.0	0.0	0.0	0.0	0.0
TOTAL					
SEM/SES (TC 0,A)	3,089.2	3,089.2	3,168.0	3,260.4	3,338.5
SEM/PRS (TC 7,G)	0.8	0.8	0.8	0.8	0.8
PRM/SES (TC 6,F)	18.3	18.0	18.3	18.8	19.3
PRM/PRS (TC 5,E)	191.1	0.0	191.1	196.7	201.4
PRM/SUS (TC 8,H)	0.4	0.0	0.4	0.4	0.4
SUM/PRS (TC 4,D)	0.2	0.0	0.2	0.2	0.2
SUM/SUS (TC 3,C)	68.7	0.0	0.0	68.7	70.3
TOTAL	3,368.7	3,108.0	3,378.8	3,546.0	3,630.9
RETAIL LOSSES		78.7	98.6	84.9	262.2

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

INTERRUPTIBLE SERVICE 2014 PROJECTED NON-COINCIDENT PEAK

DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
			(Metered Voltage Level)		
EXPANSION FACTOR			1.02536	1.01681	1.01694
BACKDOWN FACTOR		0.97920	0.99654		
RESIDENTIAL					
SECONDARY	952.0	952.0	978.1	992.5	1,009.3
GS & TS					
SEM/SES (TC 0,A)	74.5	74.5	76.4	77.7	79.0
SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUBTOTAL	74.6	74.5	76.5	77.7	79.1
GSD					
SEM/SES (TC 0,A)	462.4	462.4	474.1	482.1	490.2
SEM/PRS (TC 7,G)	0.3	0.3	0.4	0.4	0.4
PRM/SES (TC 6,F)	8.2	8.0	8.2	8.3	8.4
PRM/PRS (TC 5,E)	79.8		79.8	81.2	82.5
PRM/SUS (TC 8,H)	0.2		0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
SUM/SUS (TC 3,C)	0.0			0.0	0.0
SUBTOTAL	551.0	470.7	562.7	572.2	581.9
IS					
PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
PRM/PRS (TC 5,E)	22.3		22.3	22.7	23.1
PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
SUM/SUS (TC 3,C)	122.7			122.7	124.8
SUBTOTAL	145.1	0.0	22.3	145.4	147.9
SL/OL					
SECONDARY	54.1	54.1	55.5	56.4	57.4
TOTAL					
SEM/SES (TC 0,A)	1,543.0	1,543.0	1,582.1	1,608.7	1,636.0
SEM/PRS (TC 7,G)	0.3	0.3	0.4	0.4	0.4
PRM/SES (TC 6,F)	8.2	8.0	8.2	8.3	8.5
PRM/PRS (TC 5,E)	102.2	0.0	102.2	103.9	105.7
PRM/SUS (TC 8,H)	0.2	0.0	0.2	0.2	0.2
SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
SUM/SUS (TC 3,C)	122.7	0.0	0.0	122.7	124.8
TOTAL	1,776.7	1,551.3	1,693.1	1,844.3	1,875.5
RETAIL LOSSES		39.1	28.5	31.2	98.8

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes/W.R. Ashburn

STREET/OUTDOOR LIGHT SERVICE 2014 PROJECTED NON-COINCIDENT PEAK

	DESCRIPTION	AT METER	SECONDARY VOLTAGE	PRIMARY VOLTAGE	SUBTRAN VOLTAGE	OUTPUT TO LINE
				(Metered Voltage Level)		
	EXPANSION FACTOR			1.02400	1.02158	1.01976
	BACKDOWN FACTOR		0.98173	0.99594		
	RESIDENTIAL					
	SECONDARY	1,265.6	1,265.6	1,296.0	1,323.9	1,350.1
	GS & TS					
	SEM/SES (TC 0,A)	105.4	105.4	107.9	110.2	112.4
	SEM/PRS (TC 7,G)	0.0	0.0	0.0	0.0	0.0
	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	0.0		0.0	0.0	0.0
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUBTOTAL	105.4	105.4	107.9	110.3	112.5
	GSD					
	SEM/SES (TC 0,A)	736.7	736.7	754.4	770.7	785.9
	SEM/PRS (TC 7,G)	0.5	0.5	0.5	0.5	0.6
	PRM/SES (TC 6,F)	12.2	11.9	12.2	12.4	12.7
	PRM/PRS (TC 5,E)	119.0		119.0	121.5	123.9
	PRM/SUS (TC 8,H)	0.3		0.3	0.3	0.3
	SUM/PRS (TC 4,D)	0.1		0.1	0.1	0.1
	SUM/SUS (TC 3,C)	0.0			0.0	0.0
	SUBTOTAL	868.8	749.2	886.4	905.6	923.5
	IS					
	PRM/SES (TC 6,F)	0.0	0.0	0.0	0.0	0.0
	PRM/PRS (TC 5,E)	19.0		19.0	19.4	19.8
	PRM/SUS (TC 8,H)	0.0		0.0	0.0	0.0
	SUM/PRS (TC 4,D)	0.0		0.0	0.0	0.0
	SUM/SUS (TC 3,C)	104.2			104.2	106.2
	SUBTOTAL	123.1	0.0	19.0	123.5	126.0
	SL/OL					
	SECONDARY	57.3	57.3	58.7	59.9	61.1
	TOTAL					
	SEM/SES (TC 0,A)	2,165.0	2,165.0	2,216.9	2,264.8	2,309.5
	SEM/PRS (TC 7,G)	0.5	0.5	0.5	0.5	0.6
	PRM/SES (TC 6,F)	12.2	12.0	12.2	12.4	12.7
	PRM/PRS (TC 5,E)	138.0	0.0	138.0	140.9	143.7
	PRM/SUS (TC 8,H)	0.3	0.0	0.3	0.3	0.3
	SUM/PRS (TC 4,D)	0.1	0.0	0.1	0.1	0.1
	SUM/SUS (TC 3,C)	104.2	0.0	0.0	104.2	106.2
	TOTAL	2,420.2	2,177.5	2,368.0	2,523.3	2,573.1
	RETAIL LOSSES		51.9	51.1	49.9	152.9

Supporting Schedules:

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
__ Projected Prior Year Ended 12/31/2013
__ Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn/J. S. Chronister

DEVELOPMENT OF UNBILLED REVENUE AT PRESENT RATES

Line No.		Rate Class	(1) Billed MWH Sales	(2) Base Revenue $000 - Billed Total	(3) Customer Charge	(4) Energy and Demand Charge	(5) Calandar MWH Sales	(6) Unbilled MWH Sales	(7) Energy and Demand Revenue $/MWH	(8) Unbilled Revenue $000
1								(5 - 1)	(4 / 1)	(6 x 7)
2										
3										
4	I.	RS	8,563,003	489,649	78,013	411,636	8,561,009	(1,994)	$ 48.07	(96)
5	II.	GS, TS	1,025,183	57,954	8,512	49,442	1,024,945	(238)	$ 48.23	(11)
6		Total Class I +II	9,588,186	547,604	86,525	461,078	9,585,954	(2,232)		$ (107)
7										
8										
9										
10										
11	III.	GSD, SBF	7,691,464	290,676	9,781	280,895	7,689,675	(1,789)	$ 36.52	(65)
12	IV.	IS,SBI	869,115	28,538	585	27,952	869,115	-	$ 32.16	-
13		Total Class III + IV	8,560,579	319,213	10,366	308,847	8,558,790	(1,789)		(65)
14										
15										
16										
17	V.	Lighting Service								
18		a. Electricity Sales	220,949	5,467	27	5,440	220,898	(51)	$ 24.62	$ (1)
19		b. Facilities	-	35,484	35,484	-	-	-	$ -	$ -
20			220,949.26	40,952	35,512	5,440	220,898	(51)		(1)
21										
22										
23		Total	18,369,714	907,769	132,403	775,365	18,365,642	(4,072)		$ (174)
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										

Supporting Schedules: E-5

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
__ Projected Prior Year Ended 12/31/2013
__ Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn/J. S. Chronister

DEVELOPMENT OF UNBILLED REVENUE AT PROPOSED RATES

Line No.		Rate Class	(1) Billed MWH Sales	(2) Base Revenue $000 - Billed Total	(3) Customer Charge	(4) Energy and Demand Charge	(5) Calandar MWH Sales	(6) Unbilled MWH Sales	(7) Energy and Demand Revenue $/MWH	(8) Unbilled Revenue $000	(9) Unbilled Revenue Change $000
1								(5 - 1)	(4 / 1)	(6 x 7)	(Pg 2 Col 8 - Pg 1 Col 8)
2											
3											
4	I.	RS	8,563,003	572,993	111,447	461,546	8,561,009	(1,994)	$ 53.90	(107)	
5	II.	GS, TS	1,025,183	69,356	14,918	54,439	1,024,945	(238)	$ 53.10	(13)	
6		Total Class I +II	9,588,186	642,350	126,365	515,984	9,585,954	(2,232)		$ (120)	(13)
7			-								
8			-								
9			-								
10			-								
11	III.	GSD, SBF	7,691,464	324,673	5,285	319,388	7,689,675	(1,789)	$ 41.53	(74)	
12	IV.	IS,SBI	869,115	31,698	216	31,482	869,115	-	$ 36.22	-	
13		Total Class III + IV	8,560,579	356,371	5,501	350,870	8,558,790	(1,789)		(74)	(9)
14			-								
15			-								
16			-								
17	V.	Lighting Service									
18		a. Electricity Sales	220,949	7,204	39	7,165	220,898	(51)	$ 32.43	$ (2)	
19		b. Facilities	-	35,484	-	35,484	-	-	$ -	$ -	
20			220,949	42,689	39	42,650	220,898	(51)		(2)	(0)
21											
22											
23		Total	18,369,714	1,041,409	131,905	909,504	18,365,642	(4,072)		$ (196)	(22)
24											
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											

Supporting Schedules: E-5

Recap Schedules:

SCHEDULE E-13a | REVENUE FROM SALE OF ELECTRICITY BY RATE SCHEDULE - JANUARY 2010 STEP INCREASE | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

($000)

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Line No.	Rate	(1) Base Revenue at Present Rates	(2) Base Revenue Under Proposed Rates	(3) Increase Dollars (2) - (1)	(4) Percent (3) / (1)
1	RS, RSVP-1	489,649	572,993	83,344	17.0%
2	GS, GST	55,044	66,141	11,097	20.2%
3	GS, GST Transfers to GSD, GSDT Standard	2,624	2,785	161	6.1%
4	TS	285	430	144	50.6%
5	GSD, GSDT	263,628	295,462	31,834	12.1%
6	GSD Optional	22,593	24,383	1,790	7.9%
7	SBF, SBFT	4,455	4,828	373	8.4%
8	IS, IST Transfers to GSD/GST Standard	18,458	21,739	3,281	17.8%
9	IS Transfers to GSD Optional	413	580	167	40.5%
10	SBI Transfers to SBF, SBFT	9,667	9,379	(288)	-3.0%
11	LS-1 (Energy Service)	5,467	7,204	1,737	31.8%
12	LS-1 (Facilities)	35,484	35,484	-	0.0%
13	TOTAL	$ 907,769	$ 1,041,409	$ 133,640	14.7%
14					
15					
16					
17					
18					
19					
20					
21					
22	Summary by Rate Class				
23	RS	489,649	572,993	83,344	
24	GS	57,954	69,356	11,402	
25		547,604	642,350	94,746	17.3%
26					
27	GSD	290,676	324,673	33,997	
28	IS	28,538	31,698	3,160	
29		319,213	356,371	37,157	11.6%
30					
31	LS Energy	5,467	7,204	1,737	31.8%
32	LS (Facilities)	35,484	35,484	-	0.0%
33					
34	TOTAL	907,769	1,041,409	133,640	14.7%
35					
36					

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

Recap Schedules:

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

FLORIDA PUBLIC SERVICE COMMISSION

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012

COMPANY: TAMPA ELECTRIC COMPANY

Docket No.130040-EI

Witness: W. R. Ashburn

Line No.	Type of Service Charge	(1) Number of Transactions	(2) Present Charge	(3) Proposed Charge	(4) ($000) Revenues at Present Charges	(5) ($000) Revenues at Proposed Charges	(6) ($000) Increase Dollars	(7) Increase Percent
1								
2	Rate Schedule : Service Charges							
3								
4	Initial Service Connection	7,861	$ 75.00	$ 75.00	$ 590	$ 590	$ -	0.00%
5								
6	Normal Reconnect Subsequent Subscriber	178,490	$ 25.00	$ 28.00	$ 4,462	$ 4,998	$ 535	12.00%
7								
8	Same Day Reconnect	11,777	$ 65.00	$ 75.00	$ 766	$ 883	$ 118	15.38%
9								
10	Saturday Reconnect	1	$ 300.00	$ 300.00	$ 0	$ 0	$ -	0.00%
11								
12	Reconnect after Disconnect at Meter for Cause	80,600	$ 50.00	$ 55.00	$ 4,030	$ 4,433	$ 403	10.00%
13								
14	Reconnect after Disconnect at Pole for Cause	834	$ 140.00	$ 165.00	$ 117	$ 138	$ 21	17.86%
15								
16	Field Visit	12,000	$ 20.00	$ 25.00	$ 240	$ 300	$ 60	25.00%
17								
18	Tampering Charge without Investigation	9,700	$ 50.00	$ 55.00	$ 485	$ 534	$ 49	10.00%
19								
20	Return Check Fee	NA	Per FL Statutes	Per FL Statutes	$ 963	$ 963	$ -	0.00%
21								
22	Late Payment Charge	NA	1.5% or $5.00	1.5% or $5.00	$ 9,420	$ 9,420	$ -	0.00%
23			(the greater of)	(the greater of)				
24								
25	Rate Schedule - Temporary Service							
26								
27	Temporary Service	340	$ 235.00	$ 260.00	$ 80	$ 88	$ 8	10.64%
28								
29	Miscellaneous (1)	NA	NA	NA	$ 441	$ 441	$ -	0.00%
30								
31	Total Service Charges				$ 21,593	$ 22,787	$ 1,194	
32								
33								
34	Note: (1) Miscellaneous revenues. Examples - Extra poles and wire on temporary services, extra bill copies, etc.							
35	Totals may be affected due to rounding.							
36								

Supporting Schedules: E-7

Recap Schedules:

SCHEDULE E-13c | BASE REVENUE BY RATE SCHEDULE - CALCULATIONS | Page 1 of 19

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Line No.	Page No.	Rate Schedule
1		
2		
3		
4	Page No.	Rate Schedule
5	2	RS, RSVP-1
6	3	GS, GST
7	4	GS, GST Transfers to GSD, GSDT Standard
8	5	TS
9	6	GSD, GSDT
10	9	GSD Optional
11	10	SBF, SBFT
12	14	IS, IST Transfers to GSD/GST Standard
13	16	IS Transfers to GSD Optional
14	17	SBI Transfers to SBF, SBFT
15	19	LS-1 (Energy Service)
16		
17		
18		
19		
20		
21		
22		
23		
24		
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34		
35		
36		

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule RS, RSVP-1

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard	7,408,949	Bills	$ 10.50	77,793,965	7,408,949	Bills	$ 15.00	111,134,235	
4	RSVP-1	20,876	Bills	$ 10.50	219,198	20,876	Bills	$ 15.00	313,140	
5	Total	7,429,825	Bills		78,013,163	7,429,825	Bills		111,447,375	42.9%
6										
7										
8										
9	Energy Charge:									
10	Standard									
11	First 1,000 kWh	5,868,241	MWH	$ 44.95	263,777,433	5,868,241	MWH	$ 50.78	297,989,278	
12	All additional kWh	2,661,179	MWH	$ 54.95	146,231,786	2,661,179	MWH	$ 60.78	161,746,460	
13	RSVP-1	33,583	MWH	$ 48.45	1,627,096	33,583	MWH	$ 53.90	1,810,124	
14	Total	8,563,003	MWH		411,636,315	8,563,003	MWH		461,545,861	12.1%
15										
16										
17										
18	Total Base Revenue:				489,649,478				572,993,236	17.0%
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13c | BASE REVENUE BY RATE SCHEDULE - CALCULATIONS | Page 3 of 19

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedula, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule GS, GST

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Metered	754,273	Bills	$ 10.50	7,919,867	754,273	Bills	$ 18.00	13,576,914	
4	Standard Unmetered	2,232	Bills	$ 9.00	20,088	2,232	Bills	$ 15.00	33,480	
5	T-O-D	32,063	Bills	$ 12.00	384,756	32,063	Bills	$ 20.00	641,260	
6	T-O-D (Meter CIAC paid)	48	Bills	$ 10.50	504	48	Bills	$ 18.00	864	
7	Total	788,616	Bills		8,325,215	788,616	Bills		14,252,518	71.2%
8										
9	Energy Charge:									
10	Standard	924,692	MWH	$ 48.45	44,801,327	924,692	MWH	$ 53.90	49,840,899	
11	Standard Unmetered	1,294	MWH	$ 48.45	62,694	1,294	MWH	$ 53.90	69,747	
12	T-O-D On-Peak	11,479	MWH	$ 130.57	1,498,813	11,479	MWH	$ 143.84	1,651,139	
13	T-O-D Off-Peak	34,006	MWH	$ 10.46	355,703	34,006	MWH	$ 9.60	326,458	
14	Total	971,471	MWH		46,718,537	971,471	MWH		51,888,242	11.1%
15										
16	Emergency Relay Charge:									
17	Standard	281	MWH	$ 1.51	424	281	MWH	$ 1.70	478	
18	T-O-D	-	MWH	$ 1.51	-	-	MWH	$ 1.70	-	
19	Total	281	MWH		424	281	MWH		478	12.6%
20										
21										
22										
23	Total Base Revenue:				55,044,176				66,141,238	20.2%
24										
25										
26										
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule GS, GST Transfers to GSD, GSDT Standard

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Standard - Secondary	11,506	Bills	$ 10.50	120,813	11,506	Bills	$ 30.00	345,180	
3	Standard - Primary	-	Bills	$ 10.50	-	-	Bills	$ 130.00	-	
4	Standard - Subtransmission	-	Bills	$ 10.50	-	-	Bills	$ 990.00	-	
5	Total	11,506	Bills		120,813	11,506			345,180	185.7%
6										
7	Energy Charge:									
8	Standard - Secondary	51,675	MWH	$ 48.45	2,503,654	51,675	MWH	$ 18.29	945,136	
9	Standard - Primary	-	MWH	$ 48.45	-	-	MWH	$ 18.29	-	
10	Standard - Subtransmission	-	MWH	$ 48.45	-	-	MWH	$ 18.29	-	
11	Total	51,675	MWH		2,503,654	51,675	MWH		945,136	-62.2%
12										
13	Demand Charge:									
14	Standard - Secondary	157,355	kW	$ -	-	157,355	kW	$ 9.50	1,494,873	
15	Standard - Primary	-	kW	$ -	-	-	kW	$ 9.50	-	
16	Standard - Subtransmission	-	kW	$ -	-	-	kW	$ 9.50	-	
17	Total	157,355	kW		-	157,355	kW		1,494,873	-
18										
19										
20										
21										
22										
23										
24	Total Base Revenue:				2,624,467				2,785,188	6.1%
25										
26										
27										
28										
29										
30										
31										
32										
33	(1) Not included in Total.									
34										
35										
36										

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13c | BASE REVENUE BY RATE SCHEDULE - CALCULATIONS | Page 5 of 19

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be *transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are* used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX *Projected Test year Ended* 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule TS

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1								
2	Basic Service Charge:							
3		17,784 Bills	$ 10.50	186,732	17,784 Bills	$ 18.00	320,112	
4	Total	17,784 Bills		186,732	17,784 Bills		320,112	71.4%
5								
6	Energy Charge:							
7		2,037 MWH	$ 48.45	98,693	2,037 MWH	$ 53.90	109,794	
8	Total	2,037 MWH		98,693	2,037 MWH		109,794	11.2%
9								
10								
11								
12	Total Base Revenue:			285,425			429,906	50.6%
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Standard - Secondary	133,380	Bills	$ 57.00	7,602,660	133,380	Bills	$ 30.00	4,001,400	
3	Standard - Primary	698	Bills	$ 130.00	90,740	698	Bills	$ 130.00	90,740	
4	Standard - Subtransmission	-	Bills	$ 930.00	-	0	Bills	$ 990.00	-	
5	T-O-D - Secondary	10,897	Bills	$ 57.00	621,129	10,897	Bills	$ 30.00	326,910	
6	T-O-D - Primary	651	Bills	$ 130.00	84,630	651	Bills	$ 130.00	84,630	
7	T-O-D - Subtransmission	25	Bills	$ 930.00	23,250	25	Bills	$ 990.00	24,750	
8	Total	145,651	Bills		8,422,409	145,651			4,528,430	-46.2%
9										
10	Energy Charge:									
11	Standard - Secondary	4,227,035	MWH	$ 15.83	66,913,964	4,227,035	MWH	$ 18.29	77,312,470	
12	Standard - Primary	269,403	MWH	$ 15.83	4,264,649	269,403	MWH	$ 18.29	4,927,381	
13	Standard - Subtransmission	-	MWH	$ 15.83	-	-	MWH	$ 18.29	-	
14	T-O-D On-Peak - Secondary	484,173	MWH	$ 28.98	14,031,334	484,173	MWH	$ 39.99	19,362,078	
15	T-O-D On-Peak - Primary	233,926	MWH	$ 28.98	6,779,175	233,926	MWH	$ 39.99	9,354,701	
16	T-O-D On-Peak - Subtrans.	298	MWH	$ 28.98	8,636	298	MWH	$ 39.99	11,917	
17	T-O-D Off-Peak - Secondary	1,349,819	MWH	$ 10.46	14,119,107	1,349,819	MWH	$ 9.60	12,958,262	
18	T-O-D Off-Peak - Primary	638,923	MWH	$ 10.46	6,683,135	638,923	MWH	$ 9.60	6,133,661	
19	T-O-D Off-Peak - Subtrans.	902	MWH	$ 10.46	9,435	902	MWH	$ 9.60	8,659	
20	Total	7,204,479	MWH		112,809,435	7,204,479	MWH		130,069,129	15.3%
21										
22	Demand Charge:									
23	Standard - Secondary	11,304,861	kW	$ 8.41	95,073,881	11,304,861	kW	$ 9.50	107,396,180	
24	Standard - Primary	664,406	kW	$ 8.41	5,587,654	664,406	kW	$ 9.50	6,311,857	
25	Standard - Subtransmission	-	kW	$ 8.41	-	-	kW	$ 9.50	-	
26	T-O-D Billing - Secondary	3,520,497	kW	$ 2.84	9,998,211	3,520,497	kW	$ 3.23	11,371,205	
27	T-O-D Billing - Primary	1,635,266	kW	$ 2.84	4,644,155	1,635,266	kW	$ 3.23	5,281,909	
28	T-O-D Billing - Subtrans.	1,183	kW	$ 2.84	3,360	1,183	kW	$ 3.23	3,821	
29	T-O-D Peak - Secondary	3,395,235	kW (1)	$ 5.57	18,911,459	3,395,235	kW (1)	$ 6.27	21,288,123	
30	T-O-D Peak - Primary	1,585,799	kW (1)	$ 5.57	8,832,900	1,585,799	kW (1)	$ 6.27	9,942,960	
31	T-O-D Peak - Subtrans.	1,080	kW (1)	$ 5.57	6,016	1,080	kW (1)	$ 6.27	6,772	
32	Total	17,126,213	kW		143,057,637	17,126,213	kW		161,602,827	13.0%
33										
34										
35	(1) Not included in Total.									
36										

Continued on Page 7

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 6									
2										
3	Deliver Voltage Credit:									
4	Standard Primary	616,657	kW	$ (0.73)	(450,160)	616,657	kW	$ (0.80)	(492,279)	
5	Standard - Subtransmission	-	kW	$ (1.16)	-	-	kW	$ (2.50)	-	
6	T-O-D Primary	1,374,995	kW	$ (0.73)	(1,003,746)	1,374,995	kW	$ (0.80)	(1,097,662)	
7	T-O-D Subtransmission	7,640	kW	$ (1.16)	(8,862)	7,640	kW	$ (2.50)	(19,103)	
8	Total	1,999,292	kW		(1,462,768)	1,999,292	kW		(1,609,044)	10.0%
9										
10	Emergency Relay Charge:									
11	Standard Secondary	394,900	kW	$ 0.60	236,940	394,900	kW	$ 0.66	260,634	
12	Standard Primary	183,567	kW	$ 0.60	110,140	183,567	kW	$ 0.66	121,154	
13	Standard - Subtransmission	-	kW	$ 0.60	-	-	kW	$ 0.66	-	
14	T-O-D Secondary	665,384	kW	$ 0.60	399,230	665,384	kW	$ 0.66	439,153	
15	T-O-D Primary	751,104	kW	$ 0.60	450,662	751,104	kW	$ 0.66	495,729	
16	T-O-D Subtransmission	-	kW	$ 0.60	-	-	kW	$ 0.66	-	
17	Total	1,994,955	kW		1,196,973	1,994,955	kW		1,316,670	10.0%
18										
19	Power Factor Charge:									
20	Standard Secondary	13,652	MVARh	$ 2.00	27,304	13,652	MVARh	$ 2.00	27,304	
21	Standard Primary	6,392	MVARh	$ 2.00	12,784	6,392	MVARh	$ 2.00	12,784	
22	Standard - Subtransmission	0	MVARh	$ 2.00	-	0	MVARh	$ 2.00	-	
23	T-O-D Secondary	23,014	MVARh	$ 2.00	46,028	23,014	MVARh	$ 2.00	46,028	
24	T-O-D Primary	17,812	MVARh	$ 2.00	35,624	17,812	MVARh	$ 2.00	35,624	
25	T-O-D Subtransmission	686	MVARh	$ 2.00	1,372	686	MVARh	$ 2.00	1,372	
26		61,556	MVARh		123,112	61,556	MVARh		123,112	0.0%
27										
28										
29										
30										
31										
32										
33										
34										
35										
36										

Continued on Page 8

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13c | BASE REVENUE BY RATE SCHEDULE - CALCULATIONS | Page 8 of 19

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule GSD, GSDT

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 7							
2								
3	Power Factor Credit:							
4	Standard Secondary	26,197 MVARh	$ (1.00)	(26,197)	26,197 MVARh	$ (1.00)	(26,197)	
5	Standard Primary	13,756 MVARh	$ (1.00)	(13,756)	13,756 MVARh	$ (1.00)	(13,756)	
6	Standard - Subtransmission	- MVARh	$ (1.00)	-	- MVARh	$ (1.00)	-	
7	T-O-D Secondary	78,197 MVARh	$ (1.00)	(78,197)	78,197 MVARh	$ (1.00)	(78,197)	
8	T-O-D Primary	41,203 MVARh	$ (1.00)	(41,203)	41,203 MVARh	$ (1.00)	(41,203)	
9	T-O-D Subtransmission	- MVARh	$ (1.00)	-	- MVARh	$ (1.00)	-	
10		159,353 MVARh		(159,353)	159,353 MVARh		(159,353)	0.0%
11								
12								
13	Metering Voltage Adjustment:							
14	Standard Primary	9,511,313 $	-1%	(95,113)	10,867,141 $	-1%	(108,671)	
15	Standard - Subtransmission	- $	-2%	-	- $	-2%	-	
16	T-O-D Primary	26,380,703 $	-1%	(263,807)	30,105,718 $	-1%	(301,057)	
17	T-O-D Subtransmission	19,956 $	-2%	(399)	13,438 $	-2%	(269)	
18	Total	35,911,971 $		(359,319)	40,986,297 $		(409,997)	14.1%
19								
20								
21								
22								
23	Total Base Revenue:			263,628,125			295,461,774	12.1%
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13c | BASE REVENUE BY RATE SCHEDULE - CALCULATIONS | Page 9 of 19

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule GSD Optional

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Basic Service Charge:									
2	Optional - Secondary	22,397	Bills	$ 57.00	1,276,629	22,397	Bills	$ 30.00	671,910	
3	Optional - Primary	216	Bills	$ 130.00	28,080	216	Bills	$ 130.00	28,080	
4	Total	22,613	Bills		1,304,709	22,613	Bills		899,990	-46.3%
5										
6	Energy Charge:									
7	Optional - Secondary	354,608	MWH	$ 58.14	20,616,909	354,608	MWH	$ 64.68	22,936,045	
8	Optional - Primary	11,852	MWH	$ 58.14	689,075	11,852	MWH	$ 64.68	766,587	
9	Total	366,460	MWH		21,305,984	366,460	MWH		23,702,633	11.2%
10										
11	Demand Charge:									
12	Optional - Secondary	2,349,183	kW	$ -	-	2,349,183	kW	$ -	-	
13	Optional - Primary	110,667	kW	$ -	-	110,667	kW	$ -	-	
14	Total	2,459,850	kW		-	2,459,850			-	0.0%
15										
16	Deliver Voltage Credit:									
17	Optional - Primary	9,666	MWH	$ (1.93)	(18,655)	9,666	MWH	$ (2.13)	(20,551)	
19	Total	9,666	MWH		(18,655)	9,666	MWH		(20,551)	10.2%
20										
21	Emergency Relay									
22	Optional - Secondary	4,824	MWH	$ 1.51	7,284	4,824	MWH	$ 1.70	8,201	
23	Optional - Primary	-	MWH	$ 1.51	-	-	MWH	$ 1.70	-	
24	Total	4,824	MWH		7,284	4,824	MWH		8,201	12.6%
25										
26	Metering Voltage Adjustment:									
27	Optional - Primary	670,420	$	-1%	(6,704)	746,037	$	-1%	(7,460)	
28	Total	670,420	$		(6,704)	748,037	$		(7,460)	11.3%
29										
30										
31										
32	Total Base Revenue:				22,592,618				24,382,813	7.9%
33										
34										
35										
35										
36										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule SBF, SBFT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Secondary	0	Bills	$ 82.00	-	0	Bills	$ 55.00	-	
4	Standard Primary	0	Bills	$ 155.00	-	0	Bills	$ 155.00	-	
5	Standard Subtransmission	0	Bills	$ 955.00	-	0	Bills	$ 1,015.00	-	
6	T-O-D Secondary	12	Bills	$ 82.00	984	12	Bills	$ 55.00	660	
7	T-O-D Primary	37	Bills	$ 155.00	5,735	37	Bills	$ 155.00	5,735	
8	T-O-D Subtransmission	49	Bills	$ 955.00	46,795	49	Bills	$ 1,015.00	49,735	
9	Total	98	Bills		53,514	98	Bills		56,130	4.9%
10										
11	Energy Charge - Supplemental:									
12	Standard Secondary	0	MWH	$ 15.83	-	-	MWH	$ 18.29	-	
13	Standard Primary	0	MWH	$ 15.83	-	-	MWH	$ 18.29	-	
14	Standard Subtransmission	0	MWH	$ 15.83	-	-	MWH	$ 18.29	-	
15	T-O-D On-Peak - Secondary	0	MWH	$ 28.98	-	-	MWH	$ 39.99	-	
16	T-O-D On-Peak - Primary	27,319	MWH	$ 28.98	791,705	27,319	MWH	$ 39.99	1,092,487	
17	T-O-D On-Peak - Subtrans.	-	MWH	$ 28.98	-	-	MWH	$ 39.99	-	
18	T-O-D Off-Peak - Secondary	0	MWH	$ 10.46	-	-	MWH	$ 9.60	-	
19	T-O-D Off-Peak - Primary	80,890	MWH	$ 10.46	846,109	80,890	MWH	$ 9.60	776,544	
20	T-O-D Off-Peak - Subtrans.	-	MWH	$ 10.46	-	-	MWH	$ 9.60	-	
21	Energy Charge - Standby:									
22	T-O-D On-Peak -Secondary	65	MWH	$ 10.49	682	65	MWH	$ 9.60	624	
23	T-O-D On-Peak - Primary	1,232	MWH	$ 10.49	12,924	1,232	MWH	$ 9.60	11,827	
24	T-O-D On-Peak - Subtrans.	1,077	MWH	$ 10.49	11,298	1,077	MWH	$ 9.60	10,339	
25	T-O-D Off-Peak -Secondary	273	MWH	$ 10.49	2,864	273	MWH	$ 9.60	2,621	
26	T-O-D Off-Peak - Primary	5,159	MWH	$ 10.49	54,118	5,159	MWH	$ 9.60	49,526	
27	T-O-D Off-Peak - Subtrans.	4,510	MWH	$ 10.49	47,310	4,510	MWH	$ 9.60	43,296	
28	Total	120,525	MWH		1,767,009	120,525	MWH		1,987,264	12.5%
29										
30										
31										
32										
33										
34										
35										
36										

Continued on Page 11

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule SBF, SBFT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit		$ Revenue	Proposed Revenue Calculation Units		Charge/Unit		$ Revenue	Percent Increase
1	*Continued from Page 10*											
2												
3	Demand Charge - Supplemental:											
4	Standard Secondary	-	kW	$ 8.41		-	-	kW	$ 9.50		-	
5	Standard Primary	-	kW	$ 8.41		-	-	kW	$ 9.50		-	
6	Standard Subtransmission	-	kW	$ 8.41		-	-	kW	$ 9.50		-	
7	T-O-D Billing - Secondary	-	kW	$ 2.84		-	-	kW	$ 3.23		-	
8	T-O-D Billing - Primary	193,020	kW	$ 2.84		548,177	193,020	kW	$ 3.23		623,455	
9	T-O-D billing - Subtransmission	-	kW	$ 2.84		-	-	kW	$ 3.23		-	
10	T-O-D Peak - Secondary	-	kW (1)	$ 5.57		-	-	kW (1)	$ 6.27		-	
11	T-O-D Peak - Primary	183,412	kW (1)	$ 5.57		1,021,605	183,412	kW (1)	$ 6.27		1,149,993	
12	T-O-D Peak - Subtransmission	-	kW (1)	$ 5.57		-	-	kW (1)	$ 6.27		-	
13	Demand Charge - Standby:											
14	T-O-D Facilities Reservation - Sec.	3,890	kW	$ 2.33		9,064	3,890	kW	$ 2.08		8,091	
15	T-O-D Facilities Reservation - Pri.	111,968	kW	$ 2.33		260,885	111,968	kW	$ 2.08		232,893	
16	T-O-D Facilities Reservation - Sub.	190,220	kW	$ 2.33		443,213	190,220	kW	$ 2.08		395,658	
17	T-O-D Power Supply Res. - Sec.	2,598	kW (1)	$ 1.26	/ kW-mo.	3,273	2,598	kW (1)	$ 1.64	kW-mo.	4,261	
18	T-O-D Power Supply Res. - Pri.	66,182	kW (1)	$ 1.26	/ kW-mo.	83,389	66,182	kW (1)	$ 1.64	kW-mo.	108,538	
19	T-O-D Power Supply Res. - Sub.	130,432	kW (1)	$ 1.26	/ kW-mo.	164,344	130,432	kW (1)	$ 1.64	kW-mo.	213,908	
20	T-O-D Power Supply Dmd. - Sec.	22,102	kW (1)	$ 0.50	/ kW-day	11,051	22,102	kW (1)	$ 0.65	kW-day	14,366	
21	T-O-D Power Supply Dmd. - Pri.	407,401	kW (1)	$ 0.50	/ kW-day	203,701	407,401	kW (1)	$ 0.65	kW-day	264,811	
22	T-O-D Power Supply Dmd. - Sub.	482,554	kW (1)	$ 0.50	/ kW-day	241,277	482,554	kW (1)	$ 0.65	kW-day	313,660	
23	Total	499,098	kW			2,989,979	499,098	kW			3,329,635	11.4%
24												
25												
26	Power Factor Charge Supplemental & Standby:											
27	Standard Secondary	-	MVARh	$ 2.00		-	-	MVARh	$ 2.00		-	
28	Standard Primary	-	MVARh	$ 2.00		-	-	MVARh	$ 2.00		-	
29	Standard Subtransmission	-	MVARh	$ 2.00		-	-	MVARh	$ 2.00		-	
30	T-O-D Secondary	50	MVARh	$ 2.00		100	50	MVARh	$ 2.00		100	
31	T-O-D Primary	8,240	MVARh	$ 2.00		16,480	8,240	MVARh	$ 2.00		16,480	
32	T-O-D Subtransmission	1,165	MVARh	$ 2.00		2,330	1,165	MVARh	$ 2.00		2,330	
33		9,455				18,910	9,455				18,910	0.0%
34												
35	(1) Not included in Total.											
36												

Continued on Page 12

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule SBF, SBFT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 11									
2										
3	Power Factor Credit Supplemental & Standby:									
4	Standard Secondary	-	MVARh	$ (1.00)	-	-	MVARh	$ (1.00)	-	
5	Standard Primary	-	MVARh	$ (1.00)	-	-	MVARh	$ (1.00)	-	
6	Standard Subtransmission	-	MVARh	$ (1.00)	-	-	MVARh	$ (1.00)	-	
7	T-O-D Secondary	-	MVARh	$ (1.00)	-	-	MVARh	$ (1.00)	-	
8	T-O-D Primary	-	MVARh	$ (1.00)	-	-	MVARh	$ (1.00)	-	
9	T-O-D Subtransmission	27	MVARh	$ (1.00)	(27)	27	MVARh	$ (1.00)	(27)	
14	Total	27	MVARh		(27)	27	MVARh		(27)	0.0%
15										
16	Delivery Voltage Credit - Supplemental.:									
17	Standard Primary	-	kW	$ (0.73)	-	-	kW	$ (0.80)	-	
18	Standard Subtransmission	-	kW	$ (1.16)	-	-	kW	$ (2.50)	-	
19	T-O-D Primary	190,782	kW	$ (0.73)	(139,271)	190,782	kW	$ (0.80)	(152,302)	
20	T-O-D Subtransmission	2,237	kW	$ (1.16)	(2,595)	2,237	kW	$ (2.50)	(5,593)	
21	Delivery Voltage Credit. - Standby.:									
22	T-O-D Primary	111,320	kW	$ (0.60)	(66,792)	111,320	kW	$ (0.67)	(74,584)	
23	T-O-D Subtransmission	190,886	kW	$ (1.17)	(223,337)	190,886	kW	$ (2.08)	(397,043)	
24	Total	495,225	kW		(431,994)	495,225	kW		(629,523)	45.7%
25										
26	Emergency Relay Charge - Supplemental and Standby.									
27	Standard Secondary	-	kW	$ 0.60	-	-	kW	$ 0.66	-	
28	Standard Primary	-	kW	$ 0.60	-	-	kW	$ 0.66	-	
29	Standard Subtransmission	-	kW	$ 0.60	-	-	kW	$ 0.66	-	
30	T-O-D Secondary	-	kW	$ 0.60	-	-	kW	$ 0.66	-	
31	T-O-D Primary	180,913	kW	$ 0.60	108,548	180,913	kW	$ 0.66	119,403	
32	T-O-D Subtransmission	-	kW	$ 0.60	-	-	kW	$ 0.66	-	
33		180,913			108,548	180,913			119,403	10.0%
34										
35										
36										
34										
35										
36										

Continued on Page 13

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule SBF, SBFT

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 12							
2								
3	Metering Voltage Adjustment - Supplemental and Stanby.:							
4	Standard Primary	- $	-1.0%	-	- $	-1.0%	-	
5	Standard Subtransmission	- $	-2.0%	-	- $	-2.0%	-	
6	T-O-D Primary	3,741,577 $	-1.0%	(37,416)	4,219,071 $	-1.0%	(42,191)	
7	T-O-D Subtransmission	663,813 $	-1.0%	(6,838)	576,528 $	-1.0%	(5,765)	
8	Total	4,425,390 $		(44,254)	4,795,599 $		(47,956)	8.4%
9								
10								
11								
12	Total Base Revenue:			4,461,684			4,833,836	8.3%
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
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31								
32								
33								
34								
35								
36								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

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Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule IS, IST Transfers to GSD/GST Standard

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1										
2	Basic Service Charge:									
3	Standard Pri.	61	Bills	$ 622.00	37,942	61	Bills	$ 130.00	7,930	
4	Standard Subtrans.	-	Bills	$ 2,372.00	-	-	Bills	$ 990.00	-	
5	T-O-D Primary	225	Bills	$ 622.00	139,981	225	Bills	$ 130.00	29,257	
6	T-O-D Subtransmission	100	Bills	$ 2,372.00	237,247	100	Bills	$ 990.00	99,020	
7	Total	386	Bills		415,171	386	Bills		136,206	-67.2%
8										
9	Energy Charge:									
10	Standard Primary	46,237	MWH	$ 25.04	1,157,774	46,237	MWH	$ 18.29	845,675	
11	Standard Subtransmission	-	MWH	$ 25.04	-	-	MWH	$ 18.29	-	
12	T-O-D On-Peak - Pri.	46,954	MWH	$ 25.04	1,175,728	46,954	MWH	$ 39.99	1,877,690	
13	T-O-D On-Peak - Subtrans.	104,006	MWH	$ 25.04	2,604,310	104,006	MWH	$ 39.99	4,159,200	
14	T-O-D Off-Peak - Pri.	137,677	MWH	$ 25.04	3,447,432	137,677	MWH	$ 9.60	1,321,699	
15	T-O-D Off-Peak - Subtrans.	318,825	MWH	$ 25.04	7,983,378	318,825	MWH	$ 9.60	3,060,720	
16	Total	653,699	MWH		16,368,623	653,699	MWH		11,264,984	-31.2%
17										
18	Demand Charge:									
19	Standard Primary	133,509	kW	$ 1.45	193,588	133,509	kW	$ 9.50	1,268,336	
20	Standard Subtrans.	-	kW	$ 1.45	-	-	kW	$ 9.50	-	
21	T-O-D Billing - Primary	371,954	kW	$ 1.45	539,333	371,954	kW	$ 3.23	1,201,411	
22	T-O-D Billing - Subtrans.	931,665	kW	$ 1.45	1,350,914	931,665	kW	$ 3.23	3,009,278	
23	T-O-D Peak - Primary	354,027	kW (1)	$ -	-	354,027	kW (1)	$ 6.27	2,219,749	
24	T-O-D Peak - Subtrans.	888,172	kW (1)	$ -	-	888,172	kW (1)	$ 6.27	5,568,838	
25	Total	1,437,128	kW		2,083,836	1,437,128	kW		13,267,613	536.7%
26										
27	Power Factor Charge:									
28	Standard Primary	10,245	MVARh	$ 2.00	20,490	10,245	MVARh	$ 2.00	20,490	
29	Standard Subtrans.	-	MVARh	$ 2.00	-	-	MVARh	$ 2.00	-	
30	T-O-D Primary	19,430	MVARh	$ 2.00	38,860	19,430	MVARh	$ 2.00	38,860	
31	T-O-D Subtransmission	15,809	MVARh	$ 2.00	31,618	15,809	MVARh	$ 2.00	31,618	
32	Total	45,484	MVARh		90,968	45,484	MVARh		90,968	0.0%
33										
34										
35	(1) Not included in Total.									
36										

Continued on Page 15

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13c | BASE REVENUE BY RATE SCHEDULE - CALCULATIONS | Page 15 of 19

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: By rate schedule, calculate revenues under present and proposed rates for the test year. If any customers are to be transferred from one schedule to another, show revenues separately for the transfer group. Correction factors are used for historic test years only. The total base revenue by class must equal that shown in Schedule E-13a. The billing units must equal those shown in Schedule E-15.

PROVIDE TOTAL NUMBER OF BILLS, MWH's, AND BILLING kW FOR EACH RATE SCHEDULE (INCLUDING STANDARD AND TIME OF USE CUSTOMERS) AND TRANSFER GROUP.

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule IS, IST Transfers to GSD/GST Standard

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 14									
2										
3	Power Factor Credit:									
4	Standard Primary	1,612	MVARh	$ (1.00)	(1,612)	1,612	MVARh	$ (1.00)	(1,612)	
5	Standard Subtrans.	-	MVARh	$ (1.00)	-	-	MVARh	$ (1.00)	-	
6	T-O-D Primary	4,779	MVARh	$ (1.00)	(4,779)	4,779	MVARh	$ (1.00)	(4,779)	
7	T-O-D Subtransmission	5,489	MVARh	$ (1.00)	(5,489)	5,489	MVARh	$ (1.00)	(5,489)	
8	Total	11,880	MVARh		(11,880)	11,880	MVARh		(11,880)	0.0%
9										
10	Emergency Relay Service									
11	Standard Primary	-	kW	$ 0.57	-	-	kW	$ 0.66	-	
12	Standard Subtrans.	-	kW	$ 0.57	-	-	kW	$ 0.66	-	
13	T-O-D Primary	-	kW	$ 0.57	-	-	kW	$ 0.66	-	
14	T-O-D Subtransmission	-	kW	$ 0.57	-	-	kW	$ 0.66	-	
15	Total	-	kW		-	-	kW		-	0.0%
16										
17	Delivery Voltage Credit:									
18	Standard Primary	35,108	kW	$ -	-	35,108	kW	$ (0.80)	(28,027)	
19	Standard Subtrans.	-	kW	$ (0.40)	-	-	kW	$ (2.50)	-	
20	T-O-D Primary	371,954	kW	$ -	-	371,954	kW	$ (0.80)	(296,932)	
21	T-O-D Subtransmission	931,665	kW	$ (0.40)	(372,666)	931,665	kW	$ (2.50)	(2,329,573)	
22	Total	1,338,727	kW		(372,666)	1,338,727	kW		(2,654,531)	612.3%
23										
24	Metering Voltage Adjustment:									
25	Standard Primary	994,662	$	0%	-	2,104,861	$	-1%	(21,049)	
26	Standard Subtrans.	-	$	-1%	-	-	$	-2%	-	
27	T-O-D Primary	5,196,575	$	0%	-	6,357,700	$	-1%	(63,577)	
28	T-O-D Subtransmission	11,592,065	$	-1%	(115,921)	13,494,593	$	-2%	(269,892)	
29	Total	17,783,302	$		(115,921)	21,957,153	$		(354,517)	205.8%
30										
31										
32										
33	Total Base Revenue:				18,458,130				21,738,842	17.8%
34										
35										
36										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule IS Transfers to GSD Optional

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1								
2	Basic Service Charge:							
3	Standard Pri.	60 Bills	$ 622	37,320	60 Bills	$ 130.00	7,800	
4	Total	60 Bills		37,320	60 Bills		7,800	-79.1%
5								
6								
7	Energy Charge:							
8	Standard Primary	9,301 MWH	$ 25.04	232,897	9,301 MWH	$ 64.68	601,589	
9	Total	9,301 MWH		232,897	9,301 MWH		601,589	158.3%
10								
11								
12	Demand Charge:							
13	Standard Primary	98,401 kW	$ 1.45	142,681	98,401 kW	$ -	-	
14	Total	98,401 kW		142,681	98,401 kW		-	-100.0%
15								
16								
17	Delivery Voltage Credit:							
18	Standard Primary	98,401 kW	$ -	-	9,301 kWh	$ (2.13)	(19,775)	
19	Total	98,401 kW		-	9,301 kWh		(19,775)	-
20								
21								
22	Metering Voltage Adjustment:							
23	Standard Primary	375,578 $	0%	-	965,192 $	-1%	(9,652)	
24	Total	375,578 $		-	965,192 $		(9,652)	-
25								
26								
27								
28								
29								
30								
31								
32								
33	Total Base Revenue:			412,898			579,962	40.5%
34								
35								
36								

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule SBI Transfers to SBF, SBFT

Line No.	Type of Charges	Present Revenue Calculation Units		Present Charge/Unit		Present $ Revenue	Proposed Revenue Calculation Units		Proposed Charge/Unit		Proposed $ Revenue	Percent Increase
1												
2	Basic Service Charge:											
3	T-O-D Primary	0	Bills	$ 647		-	0	Bills	$ 155.00		-	
4	T-O-D Subtransmission	71	Bills	$ 2,397		170,187	71	Bills	$ 1,015.00		72,065	
5	Total	71	Bills			170,187	71	Bills			72,065	-57.7%
6												
7	Energy Charge - Supplemental:											
8	T-O-D On-Peak - Pri.	-	MWH	$ 25.04		-	-	MWH	$ 39.99		-	
9	T-O-D On-Peak - Subtrans.	12,737	MWH	$ 25.04		318,934	12,737	MWH	$ 39.99		509,353	
10	T-O-D Off-Peak - Pri.	-	MWH	$ 25.04		-	-	MWH	$ 9.60		-	
11	T-O-D Off-Peak - Subtrans.	47,593	MWH	$ 25.04		1,191,729	47,593	MWH	$ 9.60		456,893	
12	Energy Charge - Standby:											
13	T-O-D On-Peak - Pri.	-	MWH	$ 10.06		-	-	MWH	$ 9.60		-	
14	T-O-D On-Peak - Subtrans.	33,671	MWH	$ 10.06		338,730	33,671	MWH	$ 9.60		323,242	
15	T-O-D Off-Peak - Pri.	-	MWH	$ 10.06		-	-	MWH	$ 9.60		-	
16	T-O-D Off-Peak - Subtrans.	112,114	MWH	$ 10.06		1,127,867	112,114	MWH	$ 9.60		1,076,294	
17	Total	206,115	MWH			2,977,260	206,115	MWH			2,365,781	-20.5%
18												
19	Demand Charge - Supplemental:											
20	T-O-D Billing - Primary	-	kW	$ 1.45	kW	-	-	kW	$ 3.23	kW	-	
21	T-O-D Billing - Subtrans.	167,536	kW	$ 1.45	kW	242,927	167,536	kW	$ 3.23	kW	541,141	
22	T-O-D Peak - Primary	-	kW (1)	$ -	kW	-	-	kW (1)	$ 6.27	kW	-	
23	T-O-D Peak - Subtrans.	150,782	kW (1)	$ -	kW	-	150,782	kW (1)	$ 6.27	kW	945,406	
24	Demand Charge - Standby:											
25	T-O-D Facilities Reservation - Pri.	-	kW	$ 1.45	kW	-	-	kW	$ 2.08	kW	-	
26	T-O-D Facilities Res. - Subtrans.	1,756,392	kW	$ 1.45	kW	2,546,769	1,756,392	kW	$ 2.08	kW	3,653,296	
27	T-O-D Bulk Trans. Res. - Pri.	-	kW (1)	$ 1.20	kW-mo.	-	-	kW (1)	$ 1.64	kW-mo.	-	
28	T-O-D Bulk Trans. Res. - Subtrans.	548,732	kW (1)	$ 1.20	kW-mo.	658,479	548,732	kW (1)	$ 1.64	kW-mo.	899,921	
29	T-O-D Bulk Trans. Dmd. - Pri.	-	kW (1)	$ 0.48	kW-day	-	-	kW (1)	$ 0.65	kW-day	-	
30	T-O-D Bulk Trans Dmd. - Subtrans.	7,941,610	kW (1)	$ 0.48	kW-day	3,811,973	7,941,610	kW (1)	$ 0.65	kW-day	5,162,046	
31	Total	1,923,928	kW			7,260,147	1,923,928	kW			11,201,810	54.3%
32												
33												
34												
35	(1) Not included in Total.											
36												

Continued on Page 18

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule SBI Transfers to SBF, SBFT

Line No.	Type of Charges	Present Revenue Calculation Units		Charge/Unit	$ Revenue	Proposed Revenue Calculation Units		Charge/Unit	$ Revenue	Percent Increase
1	Continued from Page 17									
2										
3	Power Factor Charge Supplemental & Standby:									
4	T-O-D Primary	-	MVARh	$ 2.00	-	-	MVARh	$ 2.00	-	
5	T-O-D Subtransmission	13,615	MVARh	$ 2.00	27,230	13,615	MVARh	$ 2.00	27,230	
6	Total	13,615	MVARh		27,230	13,615	MVARh		27,230	0.0%
7										
8	Power Factor Credit Supplemental & Standby:									
9	T-O-D Primary	-	MVARh	$ (1.00)	-	-	MVARh	$ (1.00)	-	
10	T-O-D Subtransmission	25,622	MVARh	$ (1.00)	(25,622)	25,622	MVARh	$ (1.00)	(25,622)	
11	Total	25,622	MVARh		(25,622)	25,622	MVARh		(25,622)	0.0%
12										
13	Emergency Relay Charge - Supp.									
14	T-O-D Primary	-	kW	$ 0.57	-	-	kW	$ 0.66	-	
15	T-O-D Subtransmission	-	kW	$ 0.57	-	-	kW	$ 0.66	-	
16	Total	-	kW		-	-	kW		-	0.0%
17										
18	Delivery Voltage Credit - Supplemental.:									
19	T-O-D Primary	-	kW	$ -	-	-	kW	$ (0.80)	-	
20	T-O-D Subtransmission	167,536	kW	$ (0.40)	(67,014)	167,536	kW	$ (2.50)	(418,914)	
21	Delivery Voltage Credit. - Standby.:									
22	T-O-D Primary	-	kW	$ -	-	-	kW	$ (0.67)	-	
23	T-O-D Subtransmission	1,756,392	kW	$ (0.33)	(579,609)	1,756,392	kW	$ (2.08)	(3,653,295)	
24	Total	1,923,928	kW		(646,824)	1,923,928	kW		(4,072,209)	529.8%
25										
26	Metering Voltage Adjustment - Supplemental and Stanby.:									
27	T-O-D Primary	-	$	0.0%	-	-	$	-1.0%	-	
28	T-O-D Subtransmission	9,592,392	$	-1.0%	(95,924)	9,496,990	$	-2.0%	(189,940)	
29	Total	9,592,392	$		(95,924)	9,496,990	$		(189,940)	98.0%
30										
31										
32										
33	Total Base Revenue:				9,666,655				9,379,115	-3.0%
34										
35										
36										

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

Rate Schedule LS-1 (Energy Service)

Line No.	Type of Charges	Present Revenue Calculation Units	Charge/Unit	$ Revenue	Proposed Revenue Calculation Units	Charge/Unit	$ Revenue	Percent Increase
1								
2	Basic Service Charge:	2,616 Bills	$ 10.50	27,468	2,616 Bills	$ 15.00	39,240	42.9%
3								
4	Energy Charge	220,949 MWH	$ 24.62	5,439,771	220,949 MWH	$ 32.43	7,165,254	31.7%
5								
6								
7	Total Base Revenue:			5,467,239			7,204,494	31.8%
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
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36								

Supporting Schedules: E-13d

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No.130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
__ Projected Prior Year Ended 12/31/2013
__ Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility			Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates: Monthly Facility Charge	Present Rates: Monthly Maintenance Charge	Present Rates: Combined Monthly Charge	Present Rates: Total Revenue	Proposed Rates: Monthly Facility Charge	Proposed Rates: Monthly Maintenance Charge	Proposed Rates: Combined Monthly Charge	Proposed Rates: Total Revenue	Percent Increase
1	High Pressure Sodium - Dusk-to-Dawn Service														
2	Cobra (closed)	4,000 L	50 W	82,650	20	1,653,000	$ 2.85	$ 2.24	$ 5.09	$ 420,689	$ 2.85	$ 2.24	$ 5.09	$ 420,689	0.0%
3	Cobra/Nema (closed)	6,300 L	70 W	148,066	29	4,293,914	$ 2.89	$ 1.90	$ 4.79	$ 709,236	$ 2.89	$ 1.90	$ 4.79	$ 709,236	0.0%
4	Cobra	9,500 L	100 W	967,956	44	42,590,064	$ 3.28	$ 2.10	$ 5.38	$ 5,207,603	$ 3.28	$ 2.10	$ 5.38	$ 5,207,603	0.0%
5	Cobra	16,000 L	150 W	180,348	66	11,902,968	$ 3.77	$ 1.82	$ 5.59	$ 1,008,145	$ 3.77	$ 1.82	$ 5.59	$ 1,008,145	0.0%
6	Cobra	28,500 L	250 W	232,236	105	24,384,780	$ 4.40	$ 2.35	$ 6.75	$ 1,567,593	$ 4.40	$ 2.35	$ 6.75	$ 1,567,593	0.0%
7	Cobra	50,000 L	400 W	171,048	163	27,880,824	$ 4.59	$ 2.70	$ 7.29	$ 1,246,940	$ 4.59	$ 2.70	$ 7.29	$ 1,246,940	0.0%
8	Flood (closed)	28,500 L	250 W	11,568	105	1,214,640	$ 4.85	$ 2.35	$ 7.20	$ 83,290	$ 4.85	$ 2.35	$ 7.20	$ 83,290	0.0%
9	Flood	50,000 L	400 W	30,104	163	4,906,952	$ 5.15	$ 2.71	$ 7.86	$ 236,617	$ 5.15	$ 2.71	$ 7.86	$ 236,617	0.0%
10	Mongoose	50,000 L	400 W	5,952	163	970,176	$ 5.87	$ 2.73	$ 8.60	$ 51,187	$ 5.87	$ 2.73	$ 8.60	$ 51,187	0.0%
11	Post Top (closed)	4,000 L	50 W	312	20	6,240	$ 3.59	$ 2.24	$ 5.83	$ 1,820	$ 3.59	$ 2.24	$ 5.83	$ 1,820	0.0%
12	Classic Post Top	9,500 L	100 W	93,240	44	4,102,560	$ 10.70	$ 1.71	$ 12.41	$ 1,157,108	$ 10.70	$ 1.71	$ 12.41	$ 1,157,108	0.0%
13	Coach Post Top (closed)	6,300 L	70 W	49,140	29	1,425,060	$ 4.25	$ 1.90	$ 6.15	$ 302,130	$ 4.25	$ 1.90	$ 6.15	$ 302,130	0.0%
14	Colonial PT	9,500 L	100 W	37,656	44	1,656,864	$ 10.61	$ 1.71	$ 12.32	$ 463,922	$ 10.61	$ 1.71	$ 12.32	$ 463,922	0.0%
15	Contemporary PT (closed)	9,500 L	100 W	132	44	5,808	$ 7.48	$ 1.93	$ 9.41	$ 1,242	$ 7.48	$ 1.93	$ 9.41	$ 1,242	0.0%
16	Salem PT	9,500 L	100 W	183,432	44	8,071,008	$ 8.15	$ 1.71	$ 9.86	$ 1,808,640	$ 8.15	$ 1.71	$ 9.86	$ 1,808,640	0.0%
17	Shoebox	9,500 L	100 W	26,700	44	1,174,800	$ 7.23	$ 1.71	$ 8.94	$ 238,698	$ 7.23	$ 1.71	$ 8.94	$ 238,698	0.0%
18	Shoebox	28,500 L	250 W	20,232	105	2,124,360	$ 7.84	$ 2.87	$ 10.71	$ 216,685	$ 7.84	$ 2.87	$ 10.71	$ 216,685	0.0%
19	Shoebox (closed)	50,000 L	400 W	18,806	163	3,065,704	$ 8.59	$ 2.20	$ 10.79	$ 202,938	$ 8.59	$ 2.20	$ 10.79	$ 202,938	0.0%
20															
21															
22	Metal Halide - Dusk-to-Dawn Service														
23	Cobra	29,700 L	350 W	1,080	138	149,040	$ 6.80	$ 4.50	$ 11.30	$ 12,204	$ 6.80	$ 4.50	$ 11.30	$ 12,204	0.0%
24	Cobra	32,000 L	400 W	7,464	159	1,186,776	$ 5.44	$ 3.62	$ 9.06	$ 67,624	$ 5.44	$ 3.62	$ 9.06	$ 67,624	0.0%
25	Flood	29,700 L	350 W	288	138	39,744	$ 7.72	$ 4.55	$ 12.27	$ 3,534	$ 7.72	$ 4.55	$ 12.27	$ 3,534	0.0%
26	Flood	32,000 L	400 W	13,056	159	2,075,904	$ 7.55	$ 3.63	$ 11.18	$ 145,966	$ 7.55	$ 3.63	$ 11.18	$ 145,966	0.0%
27	Flood	107,000 L	1000 W	31,604	383	12,104,332	$ 9.48	$ 7.37	$ 16.85	$ 532,527	$ 9.48	$ 7.37	$ 16.85	$ 532,527	0.0%
28	General PT	12,000 L	150 W	228	67	15,276	$ 9.57	$ 3.54	$ 13.11	$ 2,989	$ 9.57	$ 3.54	$ 13.11	$ 2,989	0.0%
29	General PT	14,800 L	175 W	9,804	74	725,496	$ 9.83	$ 3.37	$ 13.20	$ 129,413	$ 9.83	$ 3.37	$ 13.20	$ 129,413	0.0%
30	Salem PT	12,000 L	150 W	1,032	67	69,144	$ 8.42	$ 3.54	$ 11.96	$ 12,343	$ 8.42	$ 3.54	$ 11.96	$ 12,343	0.0%
31	Salem PT	14,800 L	175 W	10,956	74	810,744	$ 8.47	$ 3.38	$ 11.85	$ 129,829	$ 8.47	$ 3.38	$ 11.85	$ 129,829	0.0%
32	Shoebox	12,000 L	150 W	-	67	-	$ 6.52	$ 3.54	$ 10.06	$ -	$ 6.52	$ 3.54	$ 10.06	$ -	0.0%
33	Shoebox (closed)	12,800 L	175 W	156	74	11,544	$ 7.18	$ 3.34	$ 10.52	$ 1,641	$ 7.18	$ 3.34	$ 10.52	$ 1,641	0.0%
34	Shoebox	29,700 L	350 W	3,408	138	470,304	$ 8.62	$ 4.45	$ 13.07	$ 44,543	$ 8.62	$ 4.45	$ 13.07	$ 44,543	0.0%
35	Shoebox	32,000 L	400 W	56,808	159	9,032,472	$ 9.04	$ 3.58	$ 12.62	$ 716,917	$ 9.04	$ 3.58	$ 12.62	$ 716,917	0.0%
36	Shoebox	107,000 L	1000 W	77,520	383	29,690,160	$ 14.89	$ 7.37	$ 22.26	$ 1,725,595	$ 14.89	$ 7.37	$ 22.26	$ 1,725,595	0.0%
37															
38															

Continued on Page 2

Supporting Schedules:

Recap Schedules: E-13a

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No.130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
__ Projected Prior Year Ended 12/31/2013
__ Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility			Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 1														
2	High Pressure Sodium - Timed Service														
3	Cobra (closed)	4,000 L	50 W	-	10	-	$ 2.85	$ 2.24	$ 5.09	$ -	$ 2.85	$ 2.24	$ 5.09	$ -	0.0%
4	Cobra/Nema (closed)	6,300 L	70 W	12	14	168	$ 2.89	$ 1.90	$ 4.79	$ 57	$ 2.89	$ 1.90	$ 4.79	$ 57.48	0.0%
5	Cobra	9,500 L	100 W	216	22	4,752	$ 3.28	$ 2.10	$ 5.38	$ 1,162	$ 3.28	$ 2.10	$ 5.38	$ 1,162.08	0.0%
6	Cobra	16,000 L	150 W	204	33	6,732	$ 3.77	$ 1.82	$ 5.59	$ 1,140	$ 3.77	$ 1.82	$ 5.59	$ 1,140.36	0.0%
7	Cobra	28,500 L	250 W	12	52	624	$ 4.40	$ 2.35	$ 6.75	$ 81	$ 4.40	$ 2.35	$ 6.75	$ 81.00	0.0%
8	Cobra	50,000 L	400 W	168	81	13,608	$ 4.59	$ 2.70	$ 7.29	$ 1,225	$ 4.59	$ 2.70	$ 7.29	$ 1,224.72	0.0%
9	Flood (closed)	28,500 L	250 W	-	52	-	$ 4.85	$ 2.35	$ 7.20	$ -	$ 4.85	$ 2.35	$ 7.20	$ -	0.0%
10	Flood	50,000 L	400 W	48	81	3,888	$ 5.15	$ 2.71	$ 7.86	$ 377	$ 5.15	$ 2.71	$ 7.86	$ 377.28	0.0%
11	Mongoose	50,000 L	400 W	144	81	11,664	$ 5.87	$ 2.73	$ 8.60	$ 1,238	$ 5.87	$ 2.73	$ 8.60	$ 1,238.40	0.0%
12	Post Top (closed)	4,000 L	50 W	12	10	120	$ 3.59	$ 2.24	$ 5.83	$ 70	$ 3.59	$ 2.24	$ 5.83	$ 70.00	0.0%
13	Classic Post Top	9,500 L	100 W	336	22	7,392	$ 10.70	$ 1.71	$ 12.41	$ 4,170	$ 10.70	$ 1.71	$ 12.41	$ 4,169.76	0.0%
14	Coach Post Top (closed)	6,300 L	70 W	-	14	-	$ 4.25	$ 1.90	$ 6.15	$ -	$ 4.25	$ 1.90	$ 6.15	$ -	0.0%
15	Colonial PT	9,500 L	100 W	-	22	-	$ 10.61	$ 1.71	$ 12.32	$ -	$ 10.61	$ 1.71	$ 12.32	$ -	0.0%
16	Contemporary PT (closed)	9,500 L	100 W	-	22	-	$ 7.48	$ 1.93	$ 9.41	$ -	$ 7.48	$ 1.93	$ 9.41	$ -	0.0%
17	Salem PT	9,500 L	100 W	48	22	1,056	$ 8.15	$ 1.71	$ 9.86	$ 473	$ 8.15	$ 1.71	$ 9.86	$ 473.28	0.0%
18	Shoebox	9,500 L	100 W	-	22	-	$ 7.23	$ 1.71	$ 8.94	$ -	$ 7.23	$ 1.71	$ 8.94	$ -	0.0%
19	Shoebox	28,500 L	250 W	-	52	-	$ 7.84	$ 2.87	$ 10.71	$ -	$ 7.84	$ 2.87	$ 10.71	$ -	0.0%
20	Shoebox (closed)	50,000 L	400 W	-	81	-	$ 8.59	$ 2.20	$ 10.79	$ -	$ 8.59	$ 2.20	$ 10.79	$ -	0.0%
21															
22	Metal Halide - Timed Service														
23	Cobra	29,700 L	350 W	-	69	-	$ 6.80	$ 4.50	$ 11.30	$ -	$ 6.80	$ 4.50	$ 11.30	$ -	0.0%
24	Cobra	32,000 L	400 W	72	79	5,688	$ 5.44	$ 3.62	$ 9.06	$ 652	$ 5.44	$ 3.62	$ 9.06	$ 652.32	0.0%
25	Flood	29,700 L	350 W	-	69	-	$ 7.72	$ 4.55	$ 12.27	$ -	$ 7.72	$ 4.55	$ 12.27	$ -	0.0%
26	Flood	32,000 L	400 W	24	79	1,896	$ 7.55	$ 3.63	$ 11.18	$ 268	$ 7.55	$ 3.63	$ 11.18	$ 268.32	0.0%
27	Flood	107,000 L	1000 W	1,836	191	350,676	$ 9.48	$ 7.37	$ 16.85	$ 30,937	$ 9.48	$ 7.37	$ 16.85	$ 30,936.60	0.0%
28	General PT	12,000 L	150 W	-	34	-	$ 9.57	$ 3.54	$ 13.11	$ -	$ 9.57	$ 3.54	$ 13.11	$ -	0.0%
29	General PT	14,800 L	175 W	84	37	3,108	$ 9.83	$ 3.37	$ 13.20	$ 1,109	$ 9.83	$ 3.37	$ 13.20	$ 1,108.80	0.0%
30	Salem PT	12,000 L	150 W	-	34	-	$ 8.42	$ 3.54	$ 11.96	$ -	$ 8.42	$ 3.54	$ 11.96	$ -	0.0%
31	Salem PT	14,800 L	175 W	156	37	5,772	$ 8.47	$ 3.38	$ 11.85	$ 1,849	$ 8.47	$ 3.38	$ 11.85	$ 1,848.60	0.0%
32	Shoebox	12,000 L	150 W	-	34	-	$ 6.52	$ 3.54	$ 10.06	$ -	$ 6.52	$ 3.54	$ 10.06	$ -	0.0%
33	Shoebox (closed)	12,800 L	175 W	264	37	9,768	$ 7.18	$ 3.34	$ 10.52	$ 2,777	$ 7.18	$ 3.34	$ 10.52	$ 2,777.28	0.0%
34	Shoebox	29,700 L	350 W	-	69	-	$ 8.62	$ 4.45	$ 13.07	$ -	$ 8.62	$ 4.45	$ 13.07	$ -	0.0%
35	Shoebox	32,000 L	400 W	2,676	79	211,404	$ 9.04	$ 3.58	$ 12.62	$ 33,771	$ 9.04	$ 3.58	$ 12.62	$ 33,771.12	0.0%
36	Shoebox	107,000 L	1000 W	288	191	55,008	$ 14.89	$ 7.37	$ 22.26	$ 6,411	$ 14.89	$ 7.37	$ 22.26	$ 6,410.88	0.0%
37															
38															

Continued on Page 3

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13d | REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION | Page 3 of 5

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No.130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
__ Projected Prior Year Ended 12/31/2013
__ Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility			Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 2														
2															
3	LED - Dusk-to-Dawn Service														
4	Roadway	7,577 L	103 W	-	36	432	10.06	1.07	11.13	-	10.06	1.07	11.13	-	0.0%
5	Roadway	8,300 L	106 W	-	37	444	10.06	1.08	11.14	-	10.06	1.08	11.14	-	0.0%
6	Roadway	15,300 L	196 W	-	69	828	13.16	1.14	14.30	-	13.16	1.14	14.30	-	0.0%
7	Roadway	14,831 L	206 W	-	72	864	15.16	1.25	16.41	-	15.16	1.25	16.41	-	0.0%
8	Post Top	3,974 L	67 W	-	24	288	17.75	1.39	19.14	-	17.75	1.39	19.14	-	0.0%
9	Post Top	6,030 L	99 W	-	35	420	18.51	1.41	19.92	-	18.51	1.41	19.92	-	0.0%
10	Area-Lighter	13,620 L	202 W	-	71	852	17.24	1.27	18.51	-	17.24	1.27	18.51	-	0.0%
11	Area-Lighter	21,197 L	309 W	-	108	1,296	18.59	1.40	19.99	-	18.59	1.40	19.99	-	0.0%
12															
13	LED - Timed Service														
14	Roadway	7,577 L	103 W	-	18	216	10.06	1.07	11.13	-	10.06	1.07	11.13	-	0.0%
15	Roadway	8,300 L	106 W	-	19	228	10.06	1.08	11.14	-	10.06	1.08	11.14	-	0.0%
16	Roadway	15,300 L	196 W	-	34	408	13.16	1.14	14.30	-	13.16	1.14	14.30	-	0.0%
17	Roadway	14,831 L	206 W	-	36	432	15.16	1.25	16.41	-	15.16	1.25	16.41	-	0.0%
18	Post Top	3,974 L	67 W	-	12	144	17.75	1.39	19.14	-	17.75	1.39	19.14	-	0.0%
19	Post Top	6,030 L	99 W	-	17	204	18.51	1.41	19.92	-	18.51	1.41	19.92	-	0.0%
20	Area-Lighter	13,620 L	202 W	-	36	432	17.24	1.27	18.51	-	17.24	1.27	18.51	-	0.0%
21	Area-Lighter	21,197 L	309 W	-	54	648	18.59	1.40	19.99	-	18.59	1.40	19.99	-	0.0%
22															
23	Incandescent - Special Contract														
24	Ybor Archway		800 W	348	280	97,440	15.26	16.44	31.70	11,031.60	$ 15.26	$ 16.44	$ 31.70	$ 11,032	0.0%
25															
26	Special Conditions														
27	Energy Only (Metered Customer-Owned Facilities)			-	-	22,346,050	-	-	-	-	-	-	-	-	0.0%
28															
29	Sodium - C. I. A. C (closed)														
30	Cobra	9,500 L	100 W	12	44	528	-	2.10	2.10	25.20	$ -	$ 2.10	$ 2.10	$ 25.20	0.0%
31	Cobra	16,000 L	251 W	12	105	1,260	-	2.35	2.35	28.20	$ -	$ 2.35	$ 2.35	$ 28.20	0.0%
32															
33															
34															
35															
36	Total Fixtures and kWh			2,479,956		220,949,260				$ 18,548,461				$ 18,548,461	0.0%
37															
38															

Continued on Page 4

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13d | REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION | Page 4 of 5

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No.130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
__ Projected Prior Year Ended 12/31/2013
__ Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility		Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 3													
2	Pole/Wire													
3	Wood - 30 ft. (inaccessible)[1]	OH wire	432			5.44	0.15	$ 5.59	$ 2,415	$ 5.44	$ 0.15	$ 5.59	$ 2,415	0.0%
4	Wood - 30 ft.	OH wire	228,480			2.36	0.15	$ 2.51	$ 573,485	$ 2.36	$ 0.15	$ 2.51	$ 573,485	0.0%
5	Wood - 35 ft.	OH wire	173,123			2.66	0.15	$ 2.81	$ 486,476	$ 2.66	$ 0.15	$ 2.81	$ 486,476	0.0%
6	Wood - up to 45 ft.	OH wire	22,464			5.99	0.28	$ 6.27	$ 140,849	$ 5.99	$ 0.28	$ 6.27	$ 140,849	0.0%
7	Std. Concrete - 35 ft.	OH wire	52,260			4.82	0.15	$ 4.97	$ 259,732	$ 4.82	$ 0.15	$ 4.97	$ 259,732	0.0%
8	Std. Concrete - up to 45 ft.	OH wire	15,444			9.03	0.28	$ 9.31	$ 143,784	$ 9.03	$ 0.28	$ 9.31	$ 143,784	0.0%
9	Std. Concrete - 16ft.	UG wire	48			14.47	0.13	$ 14.60	$ 701	$ 14.47	$ 0.13	$ 14.60	$ 701	0.0%
10	Std. Concrete - 25 or 30 ft.	UG wire	5,868			19.44	0.13	$ 19.57	$ 114,837	$ 19.44	$ 0.13	$ 19.57	$ 114,837	0.0%
11	Std. Concrete - 35 ft.	UG wire	96,288			21.28	0.31	$ 21.59	$ 2,078,858	$ 21.28	$ 0.31	$ 21.59	$ 2,078,858	0.0%
12	Std. Concrete - 35 ft. (70-100 W)[1]	UG wire	384,012			10.23	0.31	$ 10.54	$ 4,047,486	$ 10.23	$ 0.31	$ 10.54	$ 4,047,486	0.0%
13	Std. Concrete - 35 ft. (150 W)[1]	UG wire	54,984			13.88	0.31	$ 14.19	$ 780,223	$ 13.88	$ 0.31	$ 14.19	$ 780,223	0.0%
14	Std. Concrete - 35 ft. (250-400 W)[1]	UG wire	51,084			20.98	0.31	$ 21.29	$ 1,087,578	$ 20.98	$ 0.31	$ 21.29	$ 1,087,578	0.0%
15	Std. Concrete - up to 45 ft.	UG wire	19,992			25.01	0.13	$ 25.14	$ 502,599	$ 25.01	$ 0.13	$ 25.14	$ 502,599	0.0%
16	Round Concrete - 23 ft.	UG wire	684			18.43	0.13	$ 18.56	$ 12,695	$ 18.43	$ 0.13	$ 18.56	$ 12,695	0.0%
17	Tall Waterford - 35 ft. (Concrete)	UG wire	9,300			26.01	0.13	$ 26.14	$ 243,102	$ 26.01	$ 0.13	$ 26.14	$ 243,102	0.0%
18	Victorian Post Top (Concrete)	UG wire	5,508			22.19	0.13	$ 22.32	$ 122,939	$ 22.19	$ 0.13	$ 22.32	$ 122,939	0.0%
19	Waterford Post Top (Concrete)	UG wire	3,588			19.10	0.13	$ 19.23	$ 68,997	$ 19.10	$ 0.13	$ 19.23	$ 68,997	0.0%
20	Aluminum - 10 ft.[1]	UG wire	1,536			7.07	1.17	$ 8.24	$ 12,657	$ 7.07	$ 1.17	$ 8.24	$ 12,657	0.0%
21	Aluminum - 27 ft.[1]	UG wire	7,080			25.15	0.31	$ 25.46	$ 180,257	$ 25.15	$ 0.31	$ 25.46	$ 180,257	0.0%
22	Aluminum - 28 ft.[1]	UG wire	29,856			10.64	0.31	$ 10.95	$ 326,923	$ 10.64	$ 0.31	$ 10.95	$ 326,923	0.0%
23	Aluminum - 37 ft.[1]	UG wire	3,924			36.17	0.31	$ 36.48	$ 143,148	$ 36.17	$ 0.31	$ 36.48	$ 143,148	0.0%
24	Aluminum - Post Top[1]	UG wire	3,024			15.36	0.99	$ 16.35	$ 49,442	$ 15.36	$ 0.99	$ 16.35	$ 49,442	0.0%
25	Capitol Post Top (Aluminum)[1]	UG wire	552			24.10	0.99	$ 25.09	$ 13,850	$ 24.10	$ 0.99	$ 25.09	$ 13,850	0.0%
26	Charleston Post Top (Aluminum)	UG wire	113,184			18.44	0.99	$ 19.43	$ 2,199,165	$ 18.44	$ 0.99	$ 19.43	$ 2,199,165	0.0%
27	Charleston Banner Post Top (Aluminum)	UG wire	-			23.93	0.99	$ 24.92	$ -	$ 23.93	$ 0.99	$ 24.92	$ -	0.0%
28	Charleston HD Post Top (Aluminum)	UG wire	288			20.96	0.99	$ 21.95	$ 6,322	$ 20.96	$ 0.99	$ 21.95	$ 6,322	0.0%
29	Heritage Post Top (Aluminum)[1]	UG wire	2,736			17.72	0.99	$ 18.71	$ 51,191	$ 17.72	$ 0.99	$ 18.71	$ 51,191	0.0%
30	Riviera Post Top (Aluminum)[1]	UG wire	-			18.56	0.99	$ 19.55	$ -	$ 18.56	$ 0.99	$ 19.55	$ -	0.0%
31	Steel - 30 ft.[1]	UG wire	1,512			35.39	1.52	$ 36.91	$ 55,808	$ 35.39	$ 1.52	$ 36.91	$ 55,808	0.0%
32	op - 16 ft.[1]	UG wire	52,488			6.43	1.17	$ 7.60	$ 398,909	$ 6.43	$ 1.17	$ 7.60	$ 398,909	0.0%
33	Winston Post Top (Fiberglass)	UG wire	180,416			12.38	0.99	$ 13.37	$ 2,412,162	$ 12.38	$ 0.99	$ 13.37	$ 2,412,162	0.0%
34	Franklin Post Top (Composite)	UG wire	17,472			21.58	0.99	$ 22.57	$ 394,343	$ 21.58	$ 0.99	$ 22.57	$ 394,343	0.0%
35	Existing Pole	UG wire	552			4.47	0.31	$ 4.78	$ 2,639	$ 4.47	$ 0.31	$ 4.78	$ 2,639	0.0%
36	Total Pole/Wire		1,538,179						$ 16,913,569				$ 16,913,569	0.0%
37														
38														

Continued on Page 5

Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-13d | REVENUE BY RATE SCHEDULE - LIGHTING SCHEDULE CALCULATION | Page 5 of 5

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No.130040-EI

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

Type of data shown:

XX Projected Test year Ended 12/31/2014

__ Projected Prior Year Ended 12/31/2013

__ Historical Prior Year Ended 12/31/2012

Witness: W. R. Ashburn

LIGHTING SCHEDULE LS-1

Line No.	Type of Facility	Annual Billing Items	Est. Monthly kWh	Annual kWh	Present Rates Monthly Facility Charge	Present Rates Monthly Maintenance Charge	Present Rates Combined Monthly Charge	Present Rates $ Total Revenue	Proposed Rates Monthly Facility Charge	Proposed Rates Monthly Maintenance Charge	Proposed Rates Combined Monthly Charge	Proposed Rates $ Total Revenue	Percent Increase
1	Continued from Page 4												
2													
3	Other Lighting Facilities												
4	Timer	132	-	-	6.81	1.29	8.10	$ 1,069	6.81	1.29	8.10	$ 1,069	0.0%
5	Post Top Bracket (for additional post top fixtures)	5,484	-	-	3.85	0.05	3.90	21,388	3.85	0.05	3.90	$ 21,388	0.0%
6													
7	*Total Other Facilities*	5,616						$ 22,457				$ 22,457	0.0%
8													
9													
10													
11													
12													
13													
14	Total Facilities Revenue							$ 28,873,897				$ 28,873,897	0.0%
15													
16	Total Maintenance Revenue							$ 6,610,590				$ 6,610,590	0.0%
17													
18	Total Base Revenue							$ 35,484,487				$ 35,484,487	0.0%
19													
20													
21													
22													
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Supporting Schedules:

Recap Schedules: E-13a

SCHEDULE E-14 | PROPOSED TARIFF SHEETS AND SUPPORT FOR CHARGES | Page 1 of 106

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

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

Type of data shown:
XX Projected Test year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn

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Supporting Schedules:

Recap Schedules: A-3

TAMPA ELECTRIC

~~ELEVENTH~~ TWELFTH REVISED SHEET NO. 3.030
CANCELS ~~TENTH~~ ELEVENTH REVISED SHEET NO. 3.030

SERVICE CHARGES

1. An Initial Connection Charge of $75.00 is applicable for the initial establishment of service to a premises.

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

    a. A Connection Charge of ~~$25.00~~28.00 shall apply to the re-establishment of service to a premises. The service work will be performed during normal working hours on the next business day following the customer's request for service unless the customer requests a later service date.

    b. A Connection Charge of ~~$65.00~~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.

    c. 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.

3. The appropriate 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:

    a. For service which has been disconnected at the point of metering, the Reconnect after Disconnect Charge is ~~$50.00~~55.00.

    b. For service which has been disconnected at a point distant from the meter, the Reconnect after Disconnect Charge is ~~$140.00~~165.00.

4. A Field ~~Credit~~ Visit Charge of ~~$20.00~~25.00 ~~is applicable in the event a Company representative visits a premise for the purpose of disconnecting service due to non-payment and instead makes other payment arrangements with the customer.~~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: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~ORIGINAL~~ FIRST REVISED SHEET NO. 3.032
CANCELS ORIGINAL SHEET NO. 3.032

Continued from Sheet No. 3.030

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

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

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

7. A Tampering Charge of $~~50.00~~55.00 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: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~SEVENTH~~ EIGHTH REVISED SHEET NO. 3.210
CANCELS ~~SIXTH~~ SEVENTH REVISED SHEET NO. 3.210

GENERAL SERVICE
INDUSTRIAL LOAD MANAGEMENT RIDER

SCHEDULE: GSLM-2

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

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

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

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

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

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

Continued to Sheet No. 3.215

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 12, 2009~~

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 3.220
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 3.220

Continued from Sheet No. 3.215

SPECIAL PROVISIONS:

1. At the option of the Company, the customer may specify upon taking service that the interruptible load provisions of this rider be applicable only to a designated portion of the customer's load which shall be submetered, using a company approved submetering device for purposes of this rider, and the submetered values utilized to produce the billing determinants used in calculation of the credits provided for under this rider. During the term of service, the customer may request and the Company, subject to the penalty clause for transfer without full notice, may permit conversion of additional interruptible load to firm service.

2. The Company reserves the right to test the provisions of this rider once per year if there has not been occasion during the previous 12 months when the Company initiated an interruption. The Company shall give reasonable advance notice of any test to customers served under this rider.

3. When the customer increases the load served under this rider such that the Company must change out or increase the facilities installed for the specific use of the customer under this rider, a new Term of Service may be required under this rider at the option of the Company.

4. Customers requesting service under this rider will be accepted under a first-come, first-served basis subject to the opening of subscription load ~~or for transfer from existing IS tariffs~~. An annual calculation of assessment of need to open up new subscription load under this rider shall be prepared and filed at the FPSC each year which shall establish, subject to FPSC approval, the CCV for the Standard Offer of New Interruptible Load.

5. When the customer's Initial Term of service runs out, that customer shall have a new CCV applied then for a new 36 month period. The credit applied shall be the one on file at that time at the FPSC. At any time, at the customer's discretion, the customer may request a new 36 month commitment whereupon their CCV shall be changed to the one then on file at the FPSC and a new Initial Term of 36 months shall be established.

Continued to Sheet No. 3.225

ISSUED BY: ~~J. B. Ramil~~G. L. Gillette, President

DATE EFFECTIVE: ~~February 22, 2000~~

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 3.230
CANCELS ~~THIRD~~ FOURTH REVISED SHEET NO. 3.230

GENERAL SERVICE
INDUSTRIAL STANDBY AND SUPPLEMENTAL LOAD MANAGEMENT RIDER

SCHEDULE: GSLM-3

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

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

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

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

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

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

Continued to Sheet No. 3.235

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 12, 2009~~

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 3.255
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 3.255

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 SIA.

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

MONTHLY RATE: All rates charged under this schedule will be in accordance with the Eligible Customer Generator's OAS. A Customer served under this schedule is responsible for all charges from its OAS including monthly minimum charges, ~~customer~~ 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: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~June 23, 2009~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 4.010
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 4.010

TECHNICAL TERMS AND ABBREVIATIONS

Alternating Current
An electric current that reverses its direction at regularly recurring intervals.

Ampere
The common unit of electric current flow.

Applicant
Any person, partnership, association, corporation or governmental agency controlling or responsible for the development of a new subdivision, business, industry, community, geographic area or dwelling unit and applying for the construction of electric facilities to serve such facility or the conversion, relocation or removal of existing electric facilities which serve such facility.

Authority Having Jurisdiction (AHJ)
A person or agency authorized to inspect and approve electrical installations.

Auxiliary Service
The type of electric service which is furnished or made available by the Company for a portion of a Customer's electrical energy requirements which ordinarily is furnished by the Customer from some other source of electrical supply.

Available Fault Current
The maximum current available from the utility source that may occur in a fault condition.

Avoided Costs
The incremental costs to an electric utility of electric energy or capacity or both which, but for the purchase from the qualifying facility or facilities, such utility would generate itself or purchase from another source.

Basic Service Charge
A charge comprised of the cost of meter and service equipment, a portion of the cost of distribution equipment (poles, wires, transformers) plus the recurring cost of reading the meter, calculating and mailing the bill, processing payment, and maintaining the customer's records.

ISSUED BY: ~~J. B. Ramil~~G. L. Gillette,
President

DATE EFFECTIVE: ~~March 11, 2002~~

TAMPA ELECTRIC

~~SIXTH~~ SEVENTH REVISED SHEET NO. 4.040
CANCELS ~~FIFTH~~ SIXTH REVISED SHEET NO. 4.040

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

Customer
Any present or prospective user of the Company's electric service, his authorized representative (builder, 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.

~~**Customer Facilities Charge**~~
~~A charge comprised of the return on the Company's investment in a customer's meter and service equipment plus the recurring cost of reading the meter, calculating and mailing the bill, processing payment, and maintaining the customer's records.~~

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: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 4.070
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 4.070

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)

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 (representating the current to do useful work) and the reactive ampere current flowing In the circuit.

Kilowatt (KW) (1000 watts)

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

Kilowatt-Hour (KWH)

Kilowatts times time in hours.

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

Line Extension

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

Load

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

Load Balance

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 4.070
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 4.070

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. F. Anderson~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 10, 1993~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 4.080
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 4.080

Low-Density Subdivision

A subdivision having a density of at least 1.0 dwelling units but less than 6 dwelling units per acre.

Lumen

A unit of light measurement. The intensity of light delivered by one standard candle at a distance of one foot is approximately one (1) lumen.

Luminaire

A lighting fixture for ~~Street~~ street and area lighting.

Main Distribution System

That part of the Company's Distribution System which does not include overhead service drops, underground service laterals or lighting systems.

Main Switch (Disconnect)

A customer-owned device used to disconnect the customer's total load from the Company's system.

Manufactured Home (includes Mobile Home and Trailer)

A factory assembled structure equipped with the necessary service connections and made so as to be readily moveable as a unit without a permanent foundation.

Metal Halide

A lamp using argon-xenon and mercury as a medium for street and area lighting.

Metering Room

A room in a customer's facility existing solely for the metering equipment.

Meter Socket Enclosure
A meter socket enclosure is a device that provides support and means of electrical connection to a watt-hour meter. It has a wiring chamber with provisions for conduit entrances and exits, and a means of sealing the meter in place.

Multiple Occupancy Buildings

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 4.080
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 4.080

A structure erected and formed of component structural parts and designed to contain five (5) or more individual dwelling units.

National Electrical Code (NEC)

The minimum standard for customer wiring as enacted by the National Fire Protection Association and enforced by local government.

Network

An arrangement of transformers and wiring effecting a highly reliable source of electrical energy in any given area.

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 4.090
CANCELS ~~THIRD~~ FOURTH REVISED SHEET NO. 4.090

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

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

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

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

Rate Schedule
The approved standard used for calculation of bills.

Relay Service
Premium service supplied to a customer from more than one distinct source capable of automatic or customer controlled manual switching upon loss of the preferred source. A distinct source is a distribution source originating from a unique distribution substation transformer.

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 4.100
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 4.100

~~**Relay Service**~~

~~Premium service supplied to a customer from more than one distinct source capable of automatic or customer controlled manual switching upon loss of the preferred source. A distinct source is a distribution source originating from a unique distribution substation transformer.~~

Renewable Energy

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

Residential Service

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

Right-of-Way

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

Rules and Regulations

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

Rural

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

Secondary Distribution Service

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

Service

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

Service Area

The established geographical boundaries of the Company.

Service Drop

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

Service Entrance

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 4.100
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 4.100

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.

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 4.120
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 4.120

Townhouse
A single family dwelling unit in a group of such units contained in a building where each unit is separated only by fire walls. Each townhouse unit is normally constructed upon a separate lot and serviced with separate utilities.

Transformer
The device which changes voltage levels.

Transmission System
The network of high voltage lines and associated equipment, typically ranging from 69 kV to 230 kV, which are used to move electrical power from generating resources to load centers where it is transformed to a lower primary distribution voltage for distribution to customers.

Underground Commercial Distribution (UCD)
The wiring, transformers, and other related equipment required to distribute electrical energy to a commercial customer or customers.

Underground Residential Distribution (URD)
The wiring, transformers, and other related equipment required to distribute electrical energy to a residential customer or multiple residential customers.

Underground Service
The wiring system and associated equipment which is placed on or in the earth, as opposed to pole line construction.

Urban
Inside the geographical limits of an incorporated city, or having the characteristics of such an area in terms of use and density.

Vault
An isolated ventilated enclosure for electrical equipment with fire-resistant walls, ceiling and floor which personnel may enter and in which transformers and switching equipment are installed, operated, and maintained.

Voltage
The electrical pressure of a circuit expressed in volts. Generally, the nominal rating based on the maximum normal effective difference of potential between the conductors of a circuit.

Voltage Dip
A momentary reduction of voltage level.

Watt
The basic unit of electrical power (see Kilowatt).

~~Weather Head~~ Weatherhead
A device used at the service entrance to prevent water from entering the service mast or riser.

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 4.120
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 4.120

~~**Wye Connection**~~

~~A three-phase electrical connection where the equipment (transformer, load, etc.) is connected in a "Y" configuration. Also called a star connection.~~

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

ORIGINAL SHEET NO. 4.130

Wye Connection

A three-phase electrical connection where the equipment (i.e., transformer, load, etc.) is connected in a "Y" configuration. Also called a "star" connection.

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE:

TAMPA ELECTRIC

~~FIFTH~~ SIXTH REVISED SHEET NO. 5.090
CANCELS ~~FOURTH~~ FIFTH REVISED SHEET NO. 5.090

Continued from Sheet No. 5.080

2.2.5 LIMITATION ON CONSEQUENTIAL DAMAGES

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

2.3 ~~——~~COMPANY EQUIPMENT ON PRIVATE PROPERTY

An easement will be required where necessary for the Company to locate its facilities on property not designated as a public right-of-way to serve the customer on whose property the facilities are to be located. Service drops, service laterals and area light services are the exception to the ~~proceeding~~ preceding rule. If a service drop 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.

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

TAMPA ELECTRIC

~~SIXTH~~ SEVENTH REVISED SHEET NO. 5.180
CANCELS ~~FIFTH~~ SIXTH REVISED SHEET NO. 5.180

Continued from Sheet No. 5.175

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

2.17 EMERGENCY RELAY POWER SUPPLY

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

After receiving approval, the Company ~~may~~ 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 $30.94 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: ~~J. B. Ramil~~G. L. Gillette,
President

DATE EFFECTIVE: ~~June 1, 1999~~

TAMPA ELECTRIC

~~TWENTY-SECOND~~TWENTY-THIRD REVISED SHEET NO. 6.010
CANCELS ~~TWENTY-FIRST~~TWENTY-SECOND REVISED SHEET NO. 6.010

INDEX OF RATE SCHEDULES

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~SIXTY-EIGHTH~~SIXTH-NINTH REVISED SHEET NO. 6.020
CANCELS ~~SIXTY-SEVENTH~~SIXTY-EIGHTH 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 2013 through December 2013)

Rate Schedules		¢/kWh Fuel Standard	¢/kWh Fuel Peak	¢/kWh Fuel Off-Peak	¢/kWh Energy Conservation	¢/kWh Capacity	¢/kWh Environmental
RS (up to 1,000 kWh)		3.369	-	-	0.298	0.232	0.558
RS (over 1,000 kWh)		4.369	-	-	0.298	0.232	0.558
RSVP-1, GSVP-1	(P_1)	3.719	-	-	(2.274)	0.232	0.558
	(P_2)	3.719	-	-	(0.774)	0.232	0.558
	(P_3)	3.719	-	-	7.250	0.232	0.558
	(P_4)	3.719	-	-	31.460	0.232	0.558
GS, GST		3.719	3.861	3.664	0.284	0.214	0.557
TS		3.719	-	-	0.284	0.214	0.557
LS-1		3.697	-	-	0.160	0.060	0.553
GSD Optional							
Secondary		3.719	-	-	0.250	0.173	0.555
Primary		3.682	-	-	0.248	0.171	0.550
Subtransmission		3.645	-	-	0.245	-	0.544

Rate Schedules	¢/kWh Fuel Standard	¢/kWh Fuel Peak	¢/kWh Fuel Off-Peak	$/kW Energy Conservation	$/kW Capacity	¢/kWh Environmental
GSD, GSDT, SBF, SBFT						
Secondary	3.719	3.861	3.664	1.06	0.73	0.555
Primary	3.682	3.822	3.627	1.05	0.72	0.550
Subtransmission	3.645	3.784	3.591	1.04	0.72	0.544
~~IS, IST, SBI~~						
~~Primary~~	~~3.682~~	~~3.822~~	~~3.627~~	~~0.92~~	~~0.60~~	~~0.540~~
~~Subtransmission~~	~~3.645~~	~~3.784~~	~~3.591~~	~~0.91~~	~~0.60~~	~~0.534~~

Continued to Sheet No. 6.021

TAMPA ELECTRIC

~~THIRTIETH~~ THIRTY-FIRST REVISED SHEET NO. 6.021
CANCELS ~~TWENTY-NINTH~~THIRTIETH REVISED SHEET NO. 6.021

Continued from Sheet No. 6.020

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. For 2013 the CCV will be $6.81 per kW reduction at secondary voltage. Historical CCV rates for 2011 and 2012 are $9.21 and $9.82 respectively. 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.

ENERGY CONSERVATION COST RECOVERY CLAUSE: 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, and GSD Optional, cost recovery factors shall be applied to each kilowatt-hour delivered. For rate schedules, GSD, GSDT, ~~IS, IST,~~ SBF, and SBFT, ~~and SBI~~, cost recovery factors shall be applied on a kilowatt basis to the billing demand or supplemental billing demand and to the greater of the standby demand times 12% or the actual standby demand times 4.76%.

CAPACITY COST RECOVERY CLAUSE: 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, and GSD Optional. For rate schedules, GSD, GSDT, ~~IS, IST,~~ SBF, and SBFT, ~~and SBI~~ the cost recovery factors shall be applied to each kilowatt 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 COST RECOVERY CLAUSE: 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.

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.

TAMPA ELECTRIC

~~SEVENTEENTH~~ EIGHTEENTH REVISED SHEET NO. 6.030
CANCELS ~~SIXTEENTH~~ SEVENTEENTH REVISED SHEET NO. 6.030

RESIDENTIAL SERVICE

SCHEDULE: RS

RATE CODE: 110, 111, 120, 121, 130, 131, 170, 171, 180, 181.

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.

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

MONTHLY RATE:

~~Customer Facilities~~Basic Service Charge:
~~$10.50~~15.00

Energy and Demand Charge:

First 1,000 kWh	~~4.495~~5.078¢ per kWh
All additional kWh	~~5.495~~6.078¢ per kWh

MINIMUM CHARGE: The ~~Customer Facilities~~Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.031

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~January 1, 2010~~

TAMPA ELECTRIC

~~NINTEENTH~~ TWENTIETH REVISED SHEET NO. 6.050
CANCELS ~~EIGHTEENTH~~ NINTEENTH REVISED SHEET NO. 6.050

GENERAL SERVICE - NON DEMAND

SCHEDULE: GS

RATE CODE: 200, 201, 920.

AVAILABLE: Entire service area.

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

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

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

MONTHLY RATE:

~~Customer Facilities Charge~~Basic Service Charge:

Metered accounts	$~~10.50~~18.00
Un-metered accounts	$ ~~9.00~~15.00

Energy and Demand Charge:
~~4.845~~5.390¢ per kWh

MINIMUM CHARGE: The ~~Customer Facilities~~Basic Service Charge.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~0.151~~0.170¢ 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: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~EIGHTEENTH~~ NINETEENTH REVISED SHEET NO. 6.080
CANCELS ~~SEVENTEENTH~~ EIGHTEENTH REVISED SHEET NO. 6.080

GENERAL SERVICE - DEMAND

SCHEDULE: GSD

RATE CODE: 360, 364, 365.

AVAILABLE: Entire service area.

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

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

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

MONTHLY RATE:

STANDARD		OPTIONAL	
~~Customer Facilities~~Basic Service Charge:		~~Customer Facilities~~Basic Service Charge:	
Secondary Metering Voltage	$ ~~57.00~~30.00	Secondary Metering Voltage	$ ~~57.00~~30.00
Primary Metering Voltage	$130.00	Primary Metering Voltage	$130.00
Subtrans. ~~mission~~ Metering Voltage	$~~930.00~~990.00	Subtrans. ~~mission~~ Metering Voltage	$~~930.00~~990.00

Demand Charge:
$~~8.41~~9.50 per kW of billing demand

Energy Charge:
~~1.583~~1.829¢ per kWh

Demand Charge:
$0.00 per kW of billing demand

Energy Charge:
~~5.814~~6.468¢ per kWh

The customer may select either standard or optional. Once an option is selected, the customer must remain on that option for twelve (12) consecutive months.

Continued to Sheet No. 6.081

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~January 1, 2010~~

TAMPA ELECTRIC

~~SIXTEENTH~~ SEVENTEENTH REVISED SHEET NO. 6.081
CANCELS ~~FIFTEENTH~~ SIXTEENTH REVISED SHEET NO. 6.081

Continued from Sheet No. 6.080

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

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

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR:
Power factor will be calculated for customers with measured demands of 1,000 kW or more in any one billing period out of twelve (12) consecutive billing periods ending with the current billing period. When the average power factor during the month is less than 85%, the monthly bill will be increased $0.002 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 $0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

~~METERING LEVEL DISCOUNT~~VOLTAGE ADJUSTMENT: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charge, Energy Charge, ~~Transformer Ownership Discount~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charge, Energy Charge, ~~Transformer Ownership Discount~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

~~TRANSFORMER OWNERSHIP DISCOUNT~~DELIVERY VOLTAGE CREDIT: When a customer under the standard rate~~-~~ takes service at primary voltage, a discount of ~~73~~80¢ per kW of billing demand will apply. A discount of $~~1.16~~2.50 per kW of billing demand will apply when a customer under the standard rate takes service at subtransmission or higher voltage.

Continued to Sheet No. 6.082

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 6.082
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 6.082

Continued from Sheet No. 6.081

When a customer under the optional rate takes service at primary voltage, a discount of ~~0.193~~0.213¢ per kWh will apply. A discount of ~~0.299~~0.653¢ per kWh will apply when a customer under the optional rate takes service at subtransmission or higher voltage.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~60~~66¢ per kW of billing demand for customers taking service under the standard rate and ~~0.151~~0.170¢/kWh for customer taking service under the optional rate. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

PAYMENT OF BILLS: See Sheet No. 6.022.

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~January 1, 2010~~

TAMPA ELECTRIC

~~EIGHTEENTH~~ NINETEENTH REVISED SHEET NO. 6.085
CANCELS ~~SEVENTEENTH~~ EIGHTEENTH REVISED SHEET NO. 6.085

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

~~**SCHEDULE:** IS~~

~~**RATE CODE:** 340~~

~~**AVAILABLE:** Entire Service Area.~~

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

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

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

~~**MONTHLY RATE:**~~

~~Customer Facilities Charge:~~
~~Primary Metering Voltage $622.00~~
~~Subtransmission Metering Voltage $2,372.00~~

~~Demand Charge:~~
~~$1.45 per KW of billing demand~~

~~Energy Charge:~~
~~2.504¢ per KWH~~

RESERVED FOR FUTURE USE

~~Continued to Sheet No. 6.086~~

TAMPA ELECTRIC

~~SIXTEENTH~~ SEVENTEENTH REVISED SHEET NO. 6.086
CANCELS ~~FIFTEENTH~~ SIXTEENTH REVISED SHEET NO. 6.086

~~Continued from Sheet No. 6.085~~

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

~~MINIMUM CHARGE~~: ~~The Customer Facilities Charge and any Minimum Charge associated with optional riders.~~

~~POWER FACTOR~~: ~~When the average power factor during the month is less than 85%, the monthly bill will be increased $0.002 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 $0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.~~

~~METERING LEVEL DISCOUNT~~: ~~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, Transformer Ownership Discount, Power Factor billing, Emergency Relay Power Supply Charge, and any credit associated with optional riders.~~

~~TRANSFORMER OWNERSHIP DISCOUNT~~: ~~When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 40¢ per KW of billing demand will apply.~~

~~EMERGENCY RELAY POWER SUPPLY CHARGE~~: ~~The monthly charge for emergency relay power supply service shall be 57¢ 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.~~

VOLTAGE ADJUSTMENT FOR CONTRACT CREDIT VALUE
~~The Contract Credit Value (CCV) under Rate Rider GLSM-2 will be reduced by 1% to reflect service at primary voltage, the lowest voltage service provided under this schedule. Additionally, a Metering Level Discount may apply under this schedule.~~

RESERVED FOR FUTURE USE

~~Continued to Sheet No. 6.087~~

TAMPA ELECTRIC

~~ORIGINAL~~ FIRST REVISED SHEET NO. 6.087
CANCELS ORIGINAL SHEET NO. 6.087

~~Continued from Sheet No. 6.087~~

~~FUEL CHARGE~~: ~~See Nos. 6.020 and 6.021.~~

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

~~CAPACITY CHARGE~~: ~~See Sheet Nos. 6.020 and 6.021.~~

~~ENVIRONMENTAL COST RECOVERY CHARGE~~: ~~See Sheet Nos. 6.020 and 6.021.~~

~~FLORIDA GROSS RECEIPTS TAX~~: ~~See Sheet No. 6.021.~~

~~FRANCHISE FEE CHARGE~~: ~~See Sheet No. 6.021.~~

~~PAYMENT OF BILLS~~: ~~See Sheet No. 6.022.~~

RESERVED FOR FUTURE USE

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~TWENTY-THIRD~~TWENTY-FOURTH REVISED SHEET NO. 6.290
CANCELS ~~TWENTY-SECOND~~TWENTY-THIRD REVISED SHEET NO. 6.290

TEMPORARY SERVICE

SCHEDULE: TS

RATE CODE: 050.

AVAILABLE: Entire service area.

APPLICABLE: Single phase temporary service.

LIMITATION OF SERVICE: Service is limited to a maximum of 70 amperes at 240 volts. Larger services and three phase service entrances must be served under the appropriate rate schedule, plus the cost of installing and removing the temporary facilities is required.

MONTHLY RATE:
~~Customer Facilities~~Basic Service Charge:
$~~10.50~~18.00
Energy and Demand Charge:
~~4.845~~5.390¢ per kWh.

MINIMUM CHARGE: The ~~Customer Facilities~~Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

MISCELLANEOUS: A Temporary Service Charge of ~~$235.00~~ 260.00shall be paid upon application for the recovery of costs associated with providing, installing, and removing the company's temporary service facilities. Where the Company is required to provide additional facilities other than a service drop or connection point to the Company's existing distribution system, the customer shall also pay, in advance, for the estimated cost of providing, installing and removing such additional facilities, excluding the cost of any portion of these facilities which will remain as a part of the permanent service.

PAYMENT OF BILLS: See Sheet No. 6.022.

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~EIGHTEENTH~~ NINETEENTH REVISED SHEET NO. 6.320
CANCELS ~~SEVENTEENTH~~ EIGHTEENTH REVISED SHEET NO. 6.320

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

SCHEDULE: GST

RATE CODE: 202.

AVAILABLE: Entire service area.

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

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

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

MONTHLY RATE:

~~Customer Facilities~~Basic Service Charge:
$~~12.00~~20.00

Energy and Demand Charge:
~~13.057~~14.384¢ per kWh during peak hours
~~1.046~~0.960¢ per kWh during off-peak hours

Continued to Sheet No. 6.321

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~SIXTEENTH~~ SEVENTEENTH REVISED SHEET NO. 6.321
CANCELS ~~FIFTEENTH~~ SIXTEENTH REVISED SHEET NO. 6.321

Continued from Sheet No. 6.320

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

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

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

MINIMUM CHARGE: The ~~Customer Facilities~~Basic Service Charge.

~~CUSTOMER FACILITIES~~BASIC SERVICE CHARGE CREDIT: Any customer who makes a one time contribution in aid of construction of $~~70.00~~94.00 (lump-sum meter payment), shall receive a credit of $~~1.50~~2.00 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 ~~0.151~~0.170¢ per kWh of billing energy. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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

Continued to Sheet No. 6.322

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~January 1, 2010~~

TAMPA ELECTRIC

~~NINTEENTH~~ TWENTIETH REVISED SHEET NO. 6.330
CANCELS ~~EIGHTEENTH~~ NINETEENTH REVISED SHEET NO. 6.330

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

SCHEDULE: GSDT

RATE CODE: 362~~.~~

AVAILABLE: Entire service area.

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

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

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

MONTHLY RATE:

~~Customer Facilities~~Basic Service Charge:

Secondary Metering Voltage	$ ~~57.00~~30.00
Primary Metering Voltage	$130.00
Subtransmission Metering Voltage	~~$930.00~~990.00

Demand Charge:
~~$2.84~~3.23 per kW of billing demand, plus
~~$5.57~~6.27 per kW of peak billing demand

Energy Charge:
~~2.898~~3.999¢ per kWh during peak hours
~~1.046~~0.960¢ per kWh during off-peak hours

Continued to Sheet No. 6.331

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~EIGHTH~~ NINTH REVISED SHEET NO. 6.331
CANCELS ~~SEVENTH~~ EIGHTH REVISED SHEET NO. 6.331

Continued from Sheet No. 6.330

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

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

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

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

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

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

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.

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. 6.332

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~FIFTEENTH~~ SIXTEENTH REVISED SHEET NO. 6.332
CANCELS ~~FOURTEENTH~~ FIFTEENTH REVISED SHEET NO. 6.332

Continued from Sheet No. 6.331

POWER FACTOR:
Power factor will be calculated for customers with measured demands of 1,000 kW in any billing period out of twelve (12) consecutive billing periods ending with the current billing period. When the average power factor during the month is less than 85%, the monthly bill will be increased $0.002 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 $0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING ~~LEVEL DISCOUNT~~VOLTAGE ADJUSTMENT: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charge, Energy Charge, ~~Transformer Ownership Discount~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charge, Energy Charge, ~~Transformer Ownership Discount~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

~~TRANSFORMER OWNERSHIP DISCOUNT~~DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage a discount of ~~73~~80¢ per kW of billing demand will apply. When the customer takes service at subtransmission or higher voltage, a discount of $~~1.16~~2.50 per kW of billing demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~60~~66¢ per kW of billing demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

PAYMENT OF BILLS: See Sheet No. 6.022.

TAMPA ELECTRIC

~~EIGHTEENTH~~ NINETEENTH REVISED SHEET NO. 6.340
CANCELS ~~SEVENTEENTH~~ EIGHTEENTH REVISED SHEET NO. 6.340

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

~~**SCHEDULE:** IST~~

~~**RATE CODE:** 342.~~

~~**AVAILABLE:** Entire Service Area.~~

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

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

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

~~Customer Facilities Charge:~~
~~Primary Metering Voltage $622.00~~
~~Subtransmission Metering Voltage $2,372.00~~

~~Demand Charge:~~
~~$1.45 per KW of billing demand~~

~~Energy Charge:~~
~~2.504¢ per KWH~~

RESERVED FOR FUTURE USE
~~Continued to Sheet No. 6.345~~

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2011~~

TAMPA ELECTRIC

~~ORIGINAL~~ FIRST REVISED SHEET NO. 6.345
CANCELS ORIGINAL SHEET NO. 6.345

~~Continued from Sheet No. 6.340~~

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

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

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

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

MINIMUM CHARGE: ~~The Customer Facilities Charge and any Minimum Charge associated with optional riders.~~

POWER FACTOR: ~~When the average power factor during the month is less than 85%, the monthly bill will be increased $0.002 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 $0.001 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: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~TWENTY-SECOND~~TWENTY-THIRD REVISED SHEET NO. 6.350
CANCELS ~~TWENTY-FIRST~~TWENTY-SECOND REVISED SHEET NO. 6.350

~~Continued from Sheet No. 6.345~~

~~**METERING LEVEL DISCOUNT:** 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, Transformer Ownership Discount, Power Factor billing, Emergency Relay Power Supply Charge, and any credit associated with optional riders.~~

~~**TRANSFORMER OWNERSHIP DISCOUNT:** When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 40¢ per KW of billing demand will apply.~~

~~**EMERGENCY RELAY POWER SUPPLY CHARGE:** The monthly charge for emergency relay power supply service shall be 57¢ 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.~~

~~**VOLTAGE ADJUSTMENT FOR CONTRACT CREDIT VALUE**~~
~~The Contract Credit Value (CCV) under Rate Rider GLSM-2 will be reduced by 1% to reflect service at primary voltage, the lowest voltage service provided under this schedule. Additionally, a Metering Level Discount may apply under this schedule.~~

~~**FUEL CHARGE:** See Sheet Nos. 6.020 and 6.021.~~

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

~~**CAPACITY CHARGE:** See Sheet Nos. 6.020 and 6.021.~~

~~**ENVIRONMENTAL COST RECOVERY CHARGE:** See Sheet Nos. 6.020 and 6.021.~~

~~**FLORIDA GROSS RECEIPTS TAX:** See Sheet No. 6.021.~~

~~**FRANCHISE FEE CHARGE:** See Sheet No. 6.021.~~

~~**PAYMENT OF BILLS:** See Sheet No. 6.025.~~

RESERVED FOR FUTURE USE

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2011~~

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 6.565
CANCELS ~~THIRD~~ FOURTH REVISED SHEET NO. 6.565

Continued from Sheet No. 6.560

MONTHLY RATES:

~~Customer Facilities~~Basic Service Charge: $~~10.50~~15.00

Energy and Demand Charges: ~~4.845~~5.390¢ per kWh (for all pricing periods)

MINIMUM CHARGE: The ~~Customer Facilities~~Basic Service Charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

PAYMENT OF BILLS: See Sheet No. 6.022.

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

May through October	**P_1**	**P_2**	**P_3**
Weekdays	11 P.M. to 6 A.M.	6 A.M. to 1 P.M. 6 P.M. to 11 P.M.	1 P.M. to 6 P.M.
Weekends	11 P.M. to 6 A.M.	6 A.M. to 11 P.M.	----------
November through April	**P_1**	**P_2**	**P_3**
Weekdays	11 P.M. to 5 A.M.	5 A.M. to 6 A.M. 10 A.M. to 11 P.M.	6 A.M. to 10 A.M.
Weekends	11 P.M. to 6 A.M.	6 A.M. to 11 P.M.	----------

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

Continued to Sheet No. 6.570

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~NINTH~~ TENTH REVISED SHEET NO. 6.600
CANCELS ~~EIGHTH~~ NINTH REVISED SHEET NO. 6.600

FIRM STANDBY AND SUPPLEMENTAL SERVICE

SCHEDULE: SBF

RATE CODE: 359

AVAILABLE: Entire service area.

APPLICABLE: Required for all 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 self-generating Customers whose generating capacity in kilowatts does not exceed 20% of their site load in kilowatts, but who agree to all the terms and conditions of this rate schedule. Resale not permitted.

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

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

MONTHLY RATE:

~~Customer Facilities~~Basic Service Charge:

Secondary Metering Voltage	$ ~~82.00~~55.00
Primary Metering Voltage	$155.00
Subtransmission Metering Voltage	$~~955.00~~1015.00

CHARGES FOR STANDBY SERVICE:

Demand Charge:

$ ~~2.33~~2.08 per kW-Month of Standby Demand
(Local Facilities Reservation Charge)

plus the greater of:

$ ~~1.26~~1.64 per kW-Month of Standby Demand
(Power Supply Reservation Charge) or

$ ~~0.50~~.65 per kW-Day of Actual Standby Billing Demand
(Power Supply Demand Charge)

Energy Charge:

~~1.049~~0.960¢ per Standby kWh

Continued to Sheet No. 6.601

TAMPA ELECTRIC

~~NINTH~~ TENTH REVISED SHEET NO. 6.601
CANCELS ~~EIGHTH~~ NINTH REVISED SHEET NO. 6.601

Continued from Sheet No. 6.600

CHARGES FOR SUPPLEMENTAL SERVICE:

Demand Charge:
~~$8.41~~9.50 per kW-Month of Supplemental Billing Demand (Supplemental Billing Demand Charge)

Energy Charge:
~~1.583~~1.829¢ per Supplemental kWh

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

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

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

BILLING UNITS:

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

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

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

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

Continued to Sheet No. 6.602

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 6.602
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 6.602

Continued from Sheet No. 6.601

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

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

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

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

MINIMUM CHARGE: The ~~Customer Facilities~~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 $0.002 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 $0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

Continued to Sheet No. 6.603

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~TENTH~~ ELEVENTH REVISED SHEET NO. 6.603
CANCELS ~~NINTH~~ TENTH REVISED SHEET NO. 6.603

Continued from Sheet No. 6.602

METERING ~~LEVEL DISCOUNT~~VOLTAGE ADJUSTMENT: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charge, Energy Charge, ~~Transformer Ownership Discount~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charge, Energy Charge, ~~Transformer Ownership Discount~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

~~TRANSFORMER OWNERSHIP DISCOUNT~~DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of ~~73~~80¢ per kW of Supplemental Demand and ~~60~~67¢ per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of $~~1.16~~2.50 per kW of Supplemental Demand and $~~1.17~~2.08 per kW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~60~~66¢ per kW of Supplemental Demand and Standby Demand. This charge is in addition to the compensation the customer must make to the Company as a contribution-in-aid of construction.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021. Note: Standby fuel charges shall be based on the time of use (i.e., peak and off-peak) fuel rates for Rate Schedule SBF. Supplemental fuel charges shall be based on the standard fuel rate for Rate Schedule SBF.

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

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021.

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021.

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021.

FRANCHISE FEE CHARGE: See Sheet No. 6.021.

PAYMENT OF BILLS: See Sheet No. 6.022.

TAMPA ELECTRIC

~~SIXTH~~ SEVENTH REVISED SHEET NO. 6.605
CANCELS ~~FIFTH~~ SIXTH REVISED SHEET NO. 6.605

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

SCHEDULE: SBFT

RATE CODE: 358

AVAILABLE: Entire service area.

APPLICABLE: Required for all 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 self-generating Customers whose generating capacity in kilowatts does not exceed 20% of their site load in kilowatts, but who agree to all the terms and conditions of this rate schedule. Resale not permitted.

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

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

MONTHLY RATE:

~~Customer Facilities~~Basic Service Charge:

Secondary Metering Voltage	$ ~~82.00~~55.00
Primary Metering Voltage	$155.00
Subtransmission Metering Voltage	$~~955.00~~1015.00

CHARGES FOR STANDBY SERVICE:

Demand Charge:

$	~~2.33~~2.08	per kW-Month of Standby Demand (Local Facilities Reservation Charge)
plus the greater of:		
$	~~1.26~~1.64	per kW-Month of Standby Demand (Power Supply Reservation Charge) or
$	~~0.50~~0.65	per kW-Day of Actual Standby Billing Demand (Power Supply Demand Charge)

Energy Charge:

~~1.049~~0.960¢ per Standby kWh

Continued to Sheet No. 6.606

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~SIXTH~~ SEVENTH REVISED SHEET NO. 6.606
CANCELS ~~FIFTH~~ SIXTH REVISED SHEET NO. 6.606

Continued from Sheet No. 6.605

CHARGES FOR SUPPLEMENTAL SERVICE

Demand Charge:

~~$2.84~~3.23 per kW-Month of Supplemental Demand (Supplemental Billing Demand Charge), plus

~~$5.57~~6.27 per kW-Month of Supplemental Peak Demand (Supplemental Peak Billing Demand Charge)

Energy Charge:

~~2.898~~3.999¢ per Supplemental kWh during peak hours

~~1.046~~0.960¢ per Supplemental kWh during off-peak hours

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

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

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

BILLING UNITS:

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

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

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

Continued to Sheet No. 6.607

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 6.607
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 6.607

Continued from Sheet No. 6.606

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

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

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

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

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

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

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

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

MINIMUM CHARGE: The ~~Customer Facilities~~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: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~SEVENTH~~ EIGHTH REVISED SHEET NO. 6.608
CANCELS ~~SIXTH~~ SEVENTH REVISED SHEET NO. 6.608

Continued from Sheet No. 6.607

TERM OF SERVICE: Any customer receiving service under this schedule will be required to give the Company written notice at least 60 months prior to transferring to a firm non-standby schedule. Such notice shall be irrevocable unless the Company and the customer should mutually agree to void the notice.

TEMPORARY DISCONTINUANCE OF SERVICE: Where the use of energy is seasonal or intermittent, no adjustments will be made for a temporary discontinuance of service. Any customer prior to resuming service within 12 months after such service was discontinued will be required to pay all charges which would have been billed if service had not been discontinued.

POWER FACTOR: When the average power factor during the month is less than 85%, the monthly bill will be increased $0.002 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 $0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.

METERING ~~LEVEL DISCOUNT~~VOLTAGE ADJUSTMENT: When the customer takes energy metered at primary voltage, a discount of 1% will apply to the Demand Charges, Energy Charges, ~~Transformer Ownership Discounts~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

When the customer takes energy metered at subtransmission or higher voltage, a discount of 2% will apply to the Demand Charges, Energy Charges, ~~Transformer Ownership Discounts~~Delivery Voltage Credit, Power Factor billing, Emergency Relay Power Supply Charge, and any credits from optional riders.

~~TRANSFORMER OWNERSHIP DISCOUNT~~DELIVERY VOLTAGE CREDIT: When the customer takes service at primary voltage, a discount of ~~73~~80¢ per kW of Supplemental Demand and ~~60~~67¢ per kW of Standby Demand will apply.

When the customer takes service at subtransmission or higher voltage, a discount of $~~1.16~~2.50 per kW of Supplemental Demand and $~~1.17~~2.08 per kW of Standby Demand will apply.

EMERGENCY RELAY POWER SUPPLY CHARGE: The monthly charge for emergency relay power supply service shall be ~~60~~66¢ 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: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~FIFTH~~ SIXTH REVISED SHEET NO. 6.700
CANCELS ~~FOURTH~~ FIFTH REVISED SHEET NO. 6.700

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

~~**SCHEDULE:** SBI~~

~~**RATE CODES:** 348, 349~~

~~**AVAILABLE:** Entire service area.~~

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

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

~~**LIMITATION OF SERVICE:** A customer taking service under this tariff must sign the Tariff Agreement for the Purchase of Standby and Supplemental Service~~

~~**MONTHLY RATE:**~~
~~Customer Facilities Charge:~~
~~Primary Metering Voltage $647.00~~
~~Subtransmission Metering Voltage $2,397.00~~

~~Demand Charge:~~
~~$1.45 per KW-Month of Supplemental Demand (Supplemental Demand Charge)~~
~~$1.45 per KW-Month of Standby Demand (Local Facilities Reservation Charge)~~

~~plus the greater of:~~
~~$1.20 per KW-Month of Standby Demand (Bulk Transmission Reservation Charge); or~~
~~$0.48 per KW-Day of Actual Standby Billing Demand (Bulk Transmission Demand Charge)~~

~~Continued to Sheet No. 6.705~~

RESERVED FOR FUTURE USE

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2011~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 6.705
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 6.705

~~Continued from Sheet No. 6.700~~

~~Energy Charge:~~
~~2.504¢ per Supplemental KWH~~
~~1.006¢ per Standby KWH~~

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

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

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

~~**BILLING UNITS:**~~

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

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

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

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

~~Continued to Sheet No. 6.710~~
RESERVED FOR FUTURE USE

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2011~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 6.710
CANCELS ~~FIRST~~ SECOND 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.~~

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

~~Continued to Sheet No. 6.715~~
RESERVED FOR FUTURE USE

ISSUED BY: ~~C. R. Black~~G.L.Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 6.715
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 6.715

~~Continued from Sheet No. 6.710~~

~~POWER FACTOR~~: ~~When the average power factor during the month is less than 85%, the monthly bill will be increased $0.002 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 $0.001 for each kVARh by which the reactive energy is numerically less than 0.484322 times the billing energy.~~

~~METERING LEVEL DISCOUNT~~: ~~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, Transformer Ownership Discounts, Power Factor billing, Emergency Relay Power Supply Charges, and any credits associated with optional riders.~~

~~TRANSFORMER OWNERSHIP DISCOUNT~~: ~~When the customer furnishes and installs all subtransmission or higher voltage to utilization voltage substation transformation, a discount of 40¢ per KW of Supplemental Demand and 33¢ per KW of Standby Demand will apply.~~

~~EMERGENCY RELAY POWER SUPPLY CHARGE~~: ~~The monthly charge for emergency relay power supply service shall be 57¢ 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.~~

~~VOLTAGE ADJUSTMENT FOR CONTRACT CREDIT VALUE~~
~~The Contract Credit Value (CCV) under Rate Rider GLSM-3 will be reduced by 1% to reflect service at primary voltage, the lowest voltage service provided under this schedule. Additionally, a Metering Level Discount may apply under this schedule.~~

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

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

~~CAPACITY CHARGE~~: ~~See Sheet Nos. 6.020 and 6.021.~~

~~ENVIRONMENTAL COST RECOVERY CHARGE~~: ~~See Sheet Nos. 6.020 and 6.021.~~

~~FLORIDA GROSS RECEIPTS TAX~~: ~~See Sheet No. 6.021.~~

~~FRANCHISE FEE CHARGE~~: ~~See Sheet No. 6.021.~~

~~PAYMENT OF BILLS~~: ~~See Sheet No. 6.022.~~

RESERVED FOR FUTURE USE

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2011~~

TAMPA ELECTRIC

ORIGINAL SHEET NO. 6.740

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. 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

TAMPA ELECTRIC

ORIGINAL SHEET NO. 6.745

Continued from Sheet No. 6.740

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

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

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

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

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

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

ADDITIONAL BASIC SERVICE CHARGE:
$250.00

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, President

DATE EFFECTIVE:

TAMPA ELECTRIC

ORIGINAL SHEET NO. 6.750

Continued from Sheet No. 6.745

PROVISIONS AND/OR CONDITIONS ASSOCIATED WITH MONTHLY CHARGES:

Any negotiated provisions and/or conditions associated with the Monthly Charges shall be set forth in the CSA and may be applied during all or a portion of the term of the CSA. These negotiated provisions and/or conditions may include, but are not limited to, a guarantee by the Company to maintain the level of either the Demand and/or Energy charges negotiated under this rider for a specified period, such period not to exceed the term of the CSA.

SERVICE AGREEMENT:

Each customer shall enter into a sole supplier CSA with the Company to purchase the customer's entire requirements for electric service at the service locations set forth in the CSA. For purposes of the CSA "the requirements for electric service" may exclude certain electric service requirements served by the customer's own generation as of the date shown on the CSA. The CSA shall be considered a confidential document. The pricing levels and procedures described within the CSA, as well as any information supplied by the customer through an energy audit or as a result of negotiations or information requests by the Company and any information developed by the Company in connection therewith, shall be treated by the Company as confidential, proprietary information. If the Commission or its staff seeks to review any such information that the parties wish to protect from public disclosure, the information shall be provided with a request for confidential classification under the confidentiality rules of the Commission.

The service agreement, its terms and conditions, and the applicability of this rider to any particular customer or specific load shall be subject to the regulations and orders of the Commission.

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE:

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 6.805
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 6.805

Continued from Sheet No. 6.800

MONTHLY RATE:

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

Rate Code			Lamp Size				Charges per Unit ($)			
					kWh				Non-Fuel Base Energy	
Dusk to Dawn	Timed Svc.	Description	Initial Lumens[3]	Lamp Wattage[4]	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Timed Svc.
800	860	Cobra[1]	4,000	50	20	10	2.85	2.24	~~0.490~~ 65	~~0.250~~ 32
802	862	Cobra/Nema[1]	6,300	70	29	14	2.89	1.90	~~0.710~~ 94	~~0.340~~ 45
803	863	Cobra/Nema[2]	9,500	100	44	22	3.28	2.10	~~1.081~~ 43	~~0.540~~ 71
804	864	Cobra	16,000	150	66	33	3.77	1.82	~~1.622~~ 14	~~0.811~~ 07
805	865	Cobra	28,500	250	105	52	4.40	2.35	~~2.593~~ 41	~~1.281~~ 69
806	866	Cobra	50,000	400	163	81	4.59	2.70	~~4.015~~ 29	~~1.992~~ 63
468	454	Flood[1]	28,500	250	105	52	4.85	2.35	~~2.593~~ 41	~~1.281~~ 69
478	484	Flood	50,000	400	163	81	5.15	2.71	~~4.015~~ 29	~~1.992~~ 63
809	869	Mongoose	50,000	400	163	81	5.87	2.73	~~4.015~~ 29	~~1.992~~ 63
509	508	Post Top (PT)[1]	4,000	50	20	10	3.59	2.24	~~0.490~~ 65	~~0.250~~ 32
570	530	Classic PT	9,500	100	44	22	10.70	1.71	~~1.081~~ 43	~~0.540~~ 71
810	870	Coach PT[1]	6,300	70	29	14	4.25	1.90	~~0.710~~ 94	~~0.340~~ 45
572	532	Colonial PT	9,500	100	44	22	10.61	1.71	~~1.081~~ 43	~~0.540~~ 71
571	531	Contemporary PT[1]	9,500	100	44	22	7.48	1.93	~~1.081~~ 43	~~0.540~~ 71
573	533	Salem PT	9,500	100	44	22	8.15	1.71	~~1.081~~ 43	~~0.540~~ 71

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~May 18, 2010~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 6.805
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 6.805

550	534	Shoebox	9,500	100	44	22	7.23	1.71	~~1.081.~~ 43	~~0.540.~~ 71
566	536	Shoebox	28,500	250	105	52	7.84	2.87	~~2.593.~~ 41	~~1.281.~~ 69
552	538	Shoebox	50,000	400	163	81	8.59	2.20	~~4.015.~~ 29	~~1.992.~~ 63

(1) Closed to new business
(2) Nema fixture is closed to new business. 100 Watt Cobra fixture is still available.
(3) Lumen output may vary by lamp configuration and age.
(4) Wattage ratings do not include ballast losses.

Continued to Sheet No. 6.806

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~May 18, 2010~~

TAMPA ELECTRIC

~~ORIGINAL~~ FIRST REVISED SHEET NO. 6.806
CANCELS ORIGINAL SHEET NO. 6.806

Continued from Sheet No. 6.805

MONTHLY RATE:

Metal Halide Fixture, Maintenance, and Base Energy Charges:

Rate Code			Lamp Size				Charges per Unit ($)			
					kWh				Non-Fuel Base Energy	
Dusk to Dawn	Timed Svc.	Description	Initial Lumens[2]	Lamp Wattage[3]	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Timed Svc.
704	724	Cobra	29,700	350	138	69	6.80	4.50	~~3.404~~ 48	~~1.702~~ 24
520	522	Cobra[1]	32,000	400	159	79	5.44	3.62	~~3.915~~ 16	~~1.942~~ 56
705	725	Flood	29,700	350	138	69	7.72	4.55	~~3.404~~ 48	~~1.702~~ 24
556	541	Flood[1]	32,000	400	159	79	7.55	3.63	~~3.915~~ 16	~~1.942~~ 56
558	578	Flood	107,800	1,000	383	191	9.48	7.37	~~9.431~~ 2.42	~~4.706~~ 19
701	721	General PT	12,000	150	67	34	9.57	3.54	~~1.652~~ 17	~~0.841~~ 10
574	548	General PT[1]	14,400	175	74	37	9.83	3.37	~~1.822~~ 40	~~0.911~~ 20
700	720	Salem PT	12,000	150	67	34	8.42	3.54	~~1.652~~ 17	~~0.841~~ 10
575	568	Salem PT[1]	14,400	175	74	37	8.47	3.38	~~1.822~~ 40	~~0.911~~ 20
702	722	Shoebox	12,000	150	67	34	6.52	3.54	~~1.652~~ 17	~~0.841~~ 10
564	549	Shoebox[1]	12,800	175	74	37	7.18	3.34	~~1.822~~ 40	~~0.911~~ 20
703	723	Shoebox	29,700	350	138	69	8.62	4.45	~~3.404~~ 48	~~1.702~~ 24
554	540	Shoebox[1]	32,000	400	159	79	9.04	3.58	~~3.915~~ 16	~~1.942~~ 56
576	577	Shoebox	107,800	1,000	383	191	14.89	7.37	~~9.431~~ 2.42	~~4.706~~ 19

(1) Closed to new business
(2) Lumen output may vary by lamp configuration and age.
(3) Wattage ratings do not include ballast losses.

Continued to Sheet No. 6.810

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~May 18, 2010~~

TAMPA ELECTRIC

~~ORIGINAL~~ FIRST REVISED SHEET NO. 6.808
CANCELS ORIGINAL SHEET NO. 6.808

Continued from Sheet No. 6.806

MONTHLY RATE:

LED Fixture, Maintenance, and Base Energy Charges:

Rate Code		Description	Lamp Size				Charges per Unit ($)			
					kWh				Non-Fuel Base Energy	
Dusk to Dawn	Timed Svc.		Initial Lumens	Lamp Wattage	Dusk to Dawn	Timed Svc.	Fixture	Maint.	Dusk to Dawn	Timed Svc.
820	840	Roadway	7,577	103	36	18	10.06	1.07	~~0.891~~ 17	~~0.440~~ 58
821	841	Roadway	8,300	106	37	19	10.06	1.08	~~0.911~~ 20	~~0.470~~ 62
822	842	Roadway	15,300	196	69	34	13.16	1.14	~~1.702~~ 24	~~0.841~~ 10
823	843	Roadway	14,831	206	72	36	15.16	1.25	~~1.772~~ 33	~~0.891~~ 17
824	844	Post Top	3,974	67	24	12	17.75	1.39	~~0.590~~ 78	~~0.300~~ 39
825	845	Post Top	6,030	99	35	17	18.51	1.41	~~0.861~~ 14	~~0.420~~ 55
826	846	Area-Lighter	13,620	202	71	36	17.24	1.27	~~1.752~~ 30	~~0.861~~ 17
827	847	Area-Lighter	21,197	309	108	54	18.59	1.40	~~2.663~~ 50	~~1.331~~ 75

Continued to Sheet No. 6.810

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~March 5, 2013~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 6.815
CANCELS ~~FIRST~~ SECOND 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	$6.81	$1.29
569	PT Bracket (accommodates two post top fixtures)	$3.85	$0.05

NON-STANDARD FACILITIES AND SERVICES:

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

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

MINIMUM CHARGE: The monthly charge.

FUEL CHARGE: See Sheet Nos. 6.020 and 6.021.

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

CAPACITY CHARGE: See Sheet Nos. 6.020 and 6.021

ENVIRONMENTAL COST RECOVERY CHARGE: See Sheet Nos. 6.020 and 6.021

FLORIDA GROSS RECEIPTS TAX: See Sheet No. 6.021

FRANCHISE FEE: See Sheet No. 6.021

PAYMENT OF BILLS: See Sheet No. 6.022

SPECIAL CONDITIONS:
On customer-owned public street and highway lighting systems not subject to other rate schedules, the monthly rate for energy served at primary or secondary voltage, at the company's option, shall be ~~2.462~~3.243¢ per kWh of metered usage, plus a ~~customer charge~~Basic Service Charge of ~~$10.50~~15.00 per month and the applicable additional charges as specified on Sheet Nos. 6.020 and 6.021.

Continued to Sheet No. 6.820

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 1, 2010~~

TAMPA ELECTRIC

~~TWENTY-FIRST~~TWENTY-SECOND REVISED SHEET NO. 7.010
CANCELS ~~TWENTIETH~~ TWENTY-FIRST REVISED SHEET NO. 7.010

STANDARD FORMS AND AGREEMENTS

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~January 26, 2011~~

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 7.203
CANCELS ~~THIRD~~ FOURTH REVISED SHEET NO. 7.203

Continued from Sheet No. 7.202

13. Vandalism

The Customer shall be responsible for the cost incurred to repair or replace any Equipment that has been damaged as a result of any cause other than normal wear and tear. The Company shall not be required to make such repair or replacement prior to payment by the Customer for such damage. At the Customer's expense, and at the Company's discretion, the Company may install a luminaire protective shield to protect any Equipment repaired or replaced as a result of vandalism.

14. Tree Trimming

The Customer shall arrange for tree trimming by qualified personnel at Customer's sole expense when the installation of, illumination from or maintenance access to the Equipment is obstructed by trees and other vegetation. The Company will not be responsible for trimming trees for lighting installation or illumination obstruction. Failure to maintain adequate clearance around the luminaire and pole may cause a delay in requested repairs or required maintenance.

15. Termination, Removal

The Customer shall have the right to terminate this Agreement without any liability or obligation to the Company during the three (3) business day period following the Effective Date ("Initial Termination Period"), provided that written notice of such termination is received by the Company no later than the close of business on the third business day following the Effective date. In addition, the Customer may terminate this Agreement during the period that commences at the close of the Initial Termination Period and ends at 5:00 p.m. on the date immediately preceding the date on which installation of the Equipment at the Installation Site is scheduled to commence ("Final Termination Period"), provided that written notice of such termination is received by the Company no later than 5:00 p.m. on the day immediately preceding the date on which installation of the Equipment commences and, provided further, that the Customer reimburses the Company for any costs incurred by the Company up to the time of the termination by the Customer. These costs include, but are not limited to, shipping and storeroom handling cost for items purchased pursuant to or in contemplation of the Agreement, restocking fees on returned purchases, the cost of purchased Equipment that cannot be returned, or in the Company's sole judgment, reasonably absorbed in current inventory, and engineering time. The Customer may not terminate this Agreement once installation of the Equipment has commenced.

~~In the event that the Customer fails to pay the Company for any of the services provided herein, or violates the terms of this agreement, the Company may, at its option and on five (5) days' written notice, terminate this agreement.~~ The company may, at its option and on five (5) days written notice to Customer, terminate this agreement in the event that:

(a) the Customer fails to pay the Company for any of the services provided herein;
(b) the Customer violates the terms of this agreement;
(c) a petition for adjudication of bankruptcy or for reorganization or rearrangement is filed by Customer pursuant to any federal or state bankruptcy law or similar federal or state law; or
(d) a trustee or receiver is appointed to take possession of the Installation Site (or if Customer is a tenant at the Installation Site, tenant's interest in the Installation Site) and possession

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 7.203
CANCELS ~~THIRD~~ FOURTH REVISED SHEET NO. 7.203

is not restored to Tenant within thirty (30) days.

~~If such termination occurs prior to the expiration of the current term, the Customer agrees to pay the Company, as liquidated damages, an amount equal to the net present value of the monthly rate for each service taken, less all applicable fuel and other adjustment clause charges, and (where applicable) franchise fees and taxes, for each month of the unexpired current term.~~

Continued to Sheet No. 7.204

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 7.204
CANCELS ~~THIRD~~ FOURTH REVISED SHEET NO. 7.204

Continued from Sheet No. 7.203

If such termination occurs prior to the expiration of the current term, the Customer agrees to pay the Company, as liquidated damages, an amount equal to the net present value of the monthly rate for each service taken, less all applicable fuel and other adjustment clause charges, and (where applicable) franchise fees and taxes, for each month of the unexpired current term.

16. Easements

The customer covenants that it owns or controls the Installation Site or has binding arrangements with the owner to the extent necessary to grant the Company an easement to permit performance of the Agreement. If a tenant of the Installation Site, Customer represents that Customer's lease is for a term of at least the Primary Term. The Customer and the owner or landlord of the Installation Site, if other than the Customer (individually, the "Grantor" collectively, the "Grantors"), hereby grant the Company a **Non-exclusive Easement** for ingress and egress over and under the Installation Site ~~and~~ for installation, inspection, operation, maintenance, repair, replacement, and removal of the Equipment. The easement shall terminate upon the Company's removal of the Equipment. The Equipment shall remain the Company's personal property, notwithstanding the manner or mode of its attachment to the Installation Site and shall not be deemed fixtures. Any claim(s) that the Company has or may hereafter have with respect to the Equipment shall be superior to any lien, right or claim of any nature that any Grantor or anyone claiming through Grantor now has or may hereafter have with respect to the Equipment by law, agreement or otherwise.

In the event that this agreement is terminated pursuant to Paragraph 15 or expires pursuant to Paragraph 10, each of the Grantors expressly grants the Company or its assigns or agents the continued right of entry at any reasonable time to remove the Equipment, or any part hereof, from the Installation Site. The Grantors, individually or collectively, shall make no claim whatsoever to the Equipment or any interest or right therein.

17. Attachments

In no event shall the Customer, or any other Grantor, place upon or attach to the Equipment, except with the Company's prior written consent and as set forth in Tampa Electric's "Guidelines for Attaching Banners to TEC Poles," any sign or device of any nature, or place, install or permit to exist, anything, including trees or shrubbery, which would interfere with the Equipment or tend to create a dangerous condition. The Company is hereby granted the right to remove, without liability, anything placed, installed, or existing in violation of this paragraph.

18. Insurance

Customer, at his sole cost and expense, shall maintain insurance, in amounts and under policy forms satisfactory to Company at all times during the life of this Agreement. Failure to provide insurance in accordance with this Section shall constitute a material breach of this Agreement.

19. Amendments

During the term of this Agreement, Company and Customer may amend or enter into additional addenda to the Agreement ("Addenda") upon the mutual written agreement of both parties in the form of Addendum "A" hereto.

Continued to Sheet No. 7.205

TAMPA ELECTRIC

~~SEVENTH~~EIGHTH REVISED SHEET NO. 7.205
CANCELS ~~SIXTH~~ SEVENTH REVISED SHEET NO. 7.205

Continued from Sheet No. 7.204

20. Light Trespass

Customer acknowledges and agrees that the Customer is solely responsible for specifying the general location of the Equipment and the direction and orientation of the illumination provided thereby. The Company will not be required to install or continue to operate the Equipment at any location where the service may be or has become objectionable to others. If it is found either during or after installation that the illumination is objectionable to others, the Customer shall be responsible for the costs incurred to relocate, remove, or shield the Equipment in addressing the objection unless the Customer is otherwise able to fully address and satisfy the third-party objections in question. In the event removal of any Equipment is the only practicable resolution of the objection, such removal will be deemed a termination prior to the expiration of the Primary Term as provided in Paragraph 15 and Customer promptly shall pay the Company the liquidated damages specified therein for the percentage or portion of the Equipment that must be removed.

21. Assignments

This Agreement shall inure to the benefit of, and be binding upon, the respective heirs, legal representatives, successors and assigns of the parties hereto. This Agreement may be assigned by the Customer only with the Company's prior written consent. In the event of an Assignment, the assignee may be substituted herein for the Customer and/or other Grantor with respect to all Customer rights and obligations, but the initial Customer shall not be released from the obligations of this Agreement except by a separate writing from the Company in the Company's sole discretion.

22. General

No delay or failure by the Customer or the Company to exercise any right under this Agreement shall constitute a waiver of that or any other right, unless otherwise expressly provided herein.

This Agreement shall be construed in accordance with and governed by the laws of the State of Florida.

IN WITNESS WHEREOF, the parties, each of whom represents and warrants that he or she is duly authorized to execute this Agreement, have caused this instrument to be executed in due form of law.

Customer: _____
By/Title: _____
Name (print): _____
Signature: _____
Date: _____
Phone #: _____
Email: _____

~~Tampa Electric Company Representative:~~
~~By/Title:~~ _____
~~Signature:~~ _____
~~Department:~~ _____
~~Date:~~ _____

Property Owner: _____
By/Title: _____
Name (print): _____
Signature: _____
Date: _____
Phone #: _____
Email: _____

Tampa Electric Company Manager:
By/Title: _____
Signature: _____
Department: _____
Date: _____

Contract No. _____

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 7.551
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 7.551

Continued From Sheet No. 7.550

5. The Customer expressly agrees to reserve and make available to the Company space on the Customer's premises for the installation of the Company's notification and metering equipment. The Customer shall properly protect the Company's property on the Customer's premises and shall permit no one but the Company's agents, or persons authorized by law, to have access to the Company's equipment. The Customer shall, as promptly as practicable, notify the Company concerning any noticeable faulty condition or malfunction of the Company's equipment.

6. The initial term of this Agreement shall be 30 days. The Customer is required to give the Company ~~30~~ 30 days notice in advance of discontinuing service under the GSSG-1 rider attached as Exhibit "A", said minimum notice requirement being specified in Exhibit "A". The term of this Agreement shall automatically extend beyond such initial term until such time as the Company has had the minimum number of days notice of the Customer's desire no longer to participate in the program as is provided for in Exhibit "A".

7. The Company may terminate this Agreement at any time for the Customer's failure to comply with the terms and conditions of Schedule GSSG-1 or this Agreement. Such termination will only affect the application of the GSSG-1 rider. Prior to any such termination, the Company shall notify the Customer at least thirty (30) days in advance and describe the Customer's failure to comply. The Company may then terminate this Agreement at the end of the 30-day period. If the Customer either refuses or fails to initiate and pursue corrective action, the Company shall be entitled to suspend forthwith the monthly billing credits specified in Schedule GSSG-1.

8. This Agreement may be terminated if the same is required in order to comply with the regulatory rulings.

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

b. With respect to a Customer that is the state, a state agency or subdivision (as those terms are defined in Section 768.28(2), Florida Statutes, or the successor thereto), the obligations of Customer set forth in Paragraph 9.a above shall be subject to Section 768.28 (or the successor thereto), including the limitations contained therein. With respect to a Customer that is the United States of America, or agency or subdivision thereof, the obligations set forth in Paragraph 9.a shall not apply. In either case, the Company reserves its rights under

Continued to Sheet No. 7.552

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~June 18, 2012~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 7.552
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 7.552

Continued from Sheet No. 7.551

Section 768.28 (or the successor thereto), and the Federal Tort Claims Act (or the successor thereto), as applicable, including, but not limited to, the right to pursue legislative relief.

In either case, the Company reserves its rights under Section 768.28 (or the successor thereto), and the Federal Tort Claims Act (or the successor thereto), as applicable, including, but not limited to, the right to pursue legislative relief.

10. This Agreement supersedes all previous agreements and representations, either written or oral, heretofore made between the Company and the Customer with respect to matters herein contained. Any modification(s) to this Agreement must be approved, in writing, by the Company and the Customer.

11. This Agreement incorporates by reference the applicable terms of the tariff filed with the Florida Public Service Commission by Tampa Electric, as amended from time to time. To the extent of any conflict between this agreement and such tariff, the agreement shall control.

12. This Agreement may not be assigned by the Customer without the prior written consent of the Company. This Agreement shall inure to the benefit of, and be binding upon, the respective heirs, legal representatives, successors and assigns of the parties hereto.
IN WITNESS WHEREOF, the Customer and the Company have caused this Agreement to be executed by their duly authorized representatives as of the day and year first above written.

Witnesses: _____

_____ By: _____

_____ Title: _____

Witnesses: TAMPA ELECTRIC COMPANY

_____ By: _____

_____ Title: _____

ISSUED BY: G. L. Gillette, President **DATE EFFECTIVE:** ~~June 18, 2012~~

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 7.600
CANCELS ~~THIRD~~FOURTH REVISED SHEET NO. 7.600

TARIFF AGREEMENT FOR THE PURCHASE OF STANDBY AND SUPPLEMENTAL SERVICE

This agreement is made and entered into this_____day of_____,
_____, by and between _____
_____,
(hereinafter called the "Customer") and Tampa Electric Company, a corporation organized in and existing under the laws of the State of Florida, (hereinafter called the "Company").

WITNESSETH:

WHEREAS, standby and/or supplemental service is supplied to customers whose electric energy requirements are normally and/or partially supplied by sources other than the Company, and the Customer requires standby and/or supplemental service from the Company.

NOW, THEREFORE, in consideration of the mutual covenants expressed herein, the Company and the Customer agree as follows:

1. The Company agrees to furnish and the Customer agrees to take power pursuant to the terms and conditions of rate schedule ____ (SBF~~,~~ or SBFT ~~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~~,~~ or SBFT ~~or SBI~~) is attached hereto as Exhibit "A" and made part hereof.

2. Standby service will be furnished by the Company to a Customer requiring Back-up Power or Maintenance Power or both, which are defined as follows:

a. Back-up Power - Electric energy or capacity supplied by the utility to replace energy or capacity normally generated by a Customer's own generation equipment during an unscheduled outage of the Customer's generation.

Continued to Sheet No. 7.601

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 7.601
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 7.601

Continued from Sheet No. 7.600

b. Maintenance Power - Electric energy or capacity supplied by the utility to replace energy or capacity normally generated by a Customer's own generation equipment during a scheduled outage of the Customer's generation.

3. Supplemental service will be furnished by the Company to a Customer requiring Supplemental Power, which is defined as electric energy or capacity supplied by the utility in addition to that which is normally provided by the Customer's own generation equipment.

4. The Standby service provided by the Company shall be subject to a Contract Standby Demand, which is mutually agreed to be initially _____ KW.

5. The Customer opts to take supplemental and standby service under the _____ (SBF or, ~~SBFT, or SBI~~) tariff and shall have the right to transfer to the other option at any time without additional charge. If the Customer requests to change a second time, the Customer will be required to sign a contract to remain on that option for at least one year.

6. The Contract Standby Demand may be decreased by mutual consent, provided the Customer has sufficiently demonstrated that his Standby requirements are now less than the Contract Standby Demand.

7. If the Customer's Contract Standby Demand has been decreased (as provided for in Section 6) and within 24 months of the original agreed upon change the Customer subsequently increases the Contract Standby Demand either by contract change or through operation of tariff provisions, the Company will immediately bill the Customer for the difference between what was billed during the elapsed time as demand charges and what would have been billed to the Customer as demand charges using the lesser of the newly established Contract Standby Demand or the Contract Standby Demand in effect before the decrease.

Terms of Agreement

8. The initial term of this agreement shall be the same five (5) years minimum notice the Customer is required to give the Company in advance of transferring to a firm non-standby rate as specified in Exhibit "A". The first billing period for standby and supplemental service will begin _____, 20_____.

Continued to Sheet No. 7.602

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 18, 2009~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 7.625
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 7.625

SUPPLEMENTAL TARIFF AGREEMENT FOR THE PURCHASE OF INDUSTRIAL STANDBY AND SUPPLEMENTAL LOAD MANAGEMENT RIDER SERVICE

This supplemental agreement is made and entered into this ___ day of _____, _____by and between _____ (hereinafter called the "Customer") and Tampa Electric Company, a corporation organized in and existing under the laws of the State of Florida, (hereinafter called the Company").

WITNESSETH:

WHEREAS, the Customer takes service from the Company under rate schedule _____(SBF~~,~~ or SBFT ~~or SBI~~); and

WHEREAS, the Customer desires to take Industrial Standby and Supplemental Load Management Rider Service (GSLM-3) in conjunction with service under rate schedule _____ (SBF~~,~~ or SBFT~~, 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~~,~~ or SBFT~~, 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~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 18, 2009~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 7.626
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 7.626

Continued from Sheet No. 7.625

1. The Company agrees to furnish and the Customer agrees to take electric service subject to the terms and conditions of rate schedule _____ (SBF, or SBFT, ~~or SBI~~) and the Industrial Standby and Supplemental Load Management Rider GSLM-3 (attached as Exhibit "B"), as currently approved by the Florida Public Service Commission (hereinafter referred to as the FPSC) or as said rate schedules or rider may be modified in the future and approved by the FPSC.

2. The Customer agrees to the control of all or part of its electrical service, the description of which is described in Exhibit "C". The Customer understands and agrees that the service description will apply for the full term of this Agreement, unless mutually agreed to be changed by both parties with a revised or substituted Exhibit "B".

3. The Company will notify the Customer as soon as possible before an unscheduled interruption or curtailment occurs. However, there may be conditions when the Company will not be able to provide the customer with advance notice and immediate interruption or curtailment may occur.

4. The Customer agrees that the Company will not be held liable for any damages or injuries that may occur as a result of an interruption of electric service.

5. Once a new Customer qualifies for rider GSLM-3, and has executed this agreement, necessary engineering will be performed, interrupting and other necessary equipment will be ordered, and an installation date will be scheduled. The period of time for commencing service shall not exceed six months from the date this Agreement is executed.

Term of Agreement

6. The Initial Term of the Agreement shall be 36 months. The Customer is required to give the Company 36 months notice in advance of discontinuing service under the GSLM-3 rider, said minimum notice requirement being specified in Exhibit "B". The term of this Agreement shall automatically extend beyond such initial term until such time as the company has had the minimum notice of the Customer's desire no longer to participate in the load management program as is provided for in Exhibit "B".

Continued to Sheet No. 7.627

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 7.750
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 7.750

~~RESERVED FOR FUTURE USE~~

CONTRACT SERVICE ARRANGEMENT FOR THE PROVISION OF SERVICE UNDER THE COMMERCIAL / INDUSTRIAL SERVICE RIDER

This Contract Service Arrangement ("Agreement") is made and entered into as of this _____ day of _____, by and between _____, (hereinafter called in the "Customer") and Tampa Electric Company, a Florida corporation (hereinafter called the "Company").

WITNESSETH:

WHEREAS, the Company is an electric utility operating under Chapter 366, Florida Statutes, subject to the jurisdiction of the Florida Public Service Commission or any successor agency thereto (hereinafter called the "Commission"); and

WHEREAS, the Customer is _____; and

WHEREAS, the Customer can receive electric service from the Company under tariff schedule _____ at the service location described in Exhibit "A"; and

WHEREAS, the present pricing available under the Company's rate schedule _____ is sufficient economic justification for the Customer to decide not to take electric service from the Company for all or a part of the Customer's needs; and

WHEREAS, the Customer has shown evidence and attested to its intention to not take electric service from the Company unless a pricing adjustment is made under the Company's Commercial / Industrial Service Rider ("CISR-2"); and

WHEREAS, the Company has sufficient capacity to serve the Customer at the aforementioned service location for the foreseeable future and for at least the following _____ month period; and

WHEREAS, the Company is willing to make a pricing adjustment for the Customer in exchange for a commitment by the Customer to continue to purchase electric energy exclusively from the Company at agreed upon service locations (for purposes of this Agreement, the "electric energy" may exclude certain electric service requirements served by the Customer's own generation as of the date of this Agreement);

NOW THEREFORE, in consideration of the mutual covenants expressed herein, the Company and Customer agree as follows:

Continue to Sheet No. 7.751

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 7.751
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 7.751

~~RESERVED FOR FUTURE USE~~
Continued from Sheet No. 7.750

1. Rate Schedules - The Company agrees to furnish and the Customer agrees to take power pursuant to the terms and conditions of the Company's tariff, rate schedule _____ and the CISR-2 rider, as currently approved by the Commission or as said tariff and rate schedules may be modified in the future and approved by the Commission (except as described in Section 6 herein). The Customer agrees to abide by all applicable requirements of the tariff, rate schedule _____ and CISR-2, except to the extent specifically modified by this Agreement. Copies of the Company's currently approved rate schedule _____ and CISR-2 rider are attached as Exhibit "B" and made a part hereof. In the event of any conflict between the terms of this Agreement and such tariff or rate schedule (other than as set out in CISR-2) the terms of this Agreement shall control.

2. Term of Agreement - This Agreement shall remain in force for a term of _____ months commencing on the date above first written.

3. Modifications to Tariff and Rate Schedule - See Exhibit "C" to this Agreement.

4. Exclusivity Provision - During the term hereof, the Customer agrees to purchase from the Company the Customer's entire requirements for electric capacity and energy for its facilities and equipment at the service location(s) described in Exhibit A to this Agreement. The "entire requirements for electric capacity and energy" may exclude certain electric service requirements served by the Customer's own generation as of the date of this Agreement.

5. Termination Fees and Provisions - See Exhibit "D" to this Agreement.

6. Modification of Rate Schedule - In the event that any provision of any applicable rate schedules is amended or modified by the Commission in a manner that is material and adverse to one of the parties hereto, that party shall be entitled to terminate this Agreement, by written notice to the other party tendered not later than sixty (60) days after such amendment or modification becomes final and nonappealable, with such termination to become effective _____ days after receipt of such notice, whereupon service to the Customer shall revert to the otherwise applicable rate schedules available to the Customer.

Continued to Sheet No. 7.752

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 7.752
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 7.752

~~RESERVED FOR FUTURE USE~~
Continued from Sheet No. 7.751

7. Entire Agreement - This Agreement supersedes all previous agreements and representations either written or oral heretofore made between the Company and the Customer with respect to the matters herein contained. This Agreement, when duly executed, constitutes the only agreement between the parties hereto relative to the matters herein described.

8. Incorporation of Tariff - This Agreement incorporates by reference the terms and conditions of the Company's tariff, rate schedule and CISR-2 rider filed by the Company with, and approved by, the Commission, as amended from time to time. In the event of any conflict between this Agreement and such tariff or rate schedule (other than as set out in CISR-2), the terms and conditions of this Agreement shall control.

9. Notices - All notices and other communications hereunder shall be in writing and shall be delivered by hand, by prepaid first class registered or certified mail, return receipt requested, by courier or by facsimile, addressed as follows:

If to the Company:
Tampa Electric Company
702 North Franklin Street
P.O. Box 111
Tampa, Florida 33601-0111
Facsimile:
Attention:

with a copy to:
Tampa Electric Company
702 North Franklin Street
P.O. Box 111
Tampa, Florida 33601-0111
Facsimile:
Attention:

Continued to Sheet No. 7.753

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 7.753
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 7.753

~~RESERVED FOR FUTURE USE~~
Continued from Sheet No. 7.752

If to the Customer: _____

_____

_____

_____

Facsimile:
Attention:

with a copy to: _____

_____

_____

_____

Facsimile:
Attention:

Except as otherwise expressly provided in this Agreement, all notices and other communications shall be deemed effective upon receipt. Each party shall have the right to designate a different address for notices to it by notice similarly given.

10. Assignment; No Third Party Beneficiaries - This Agreement shall inure to the benefit of and shall bind the successors and assigns of the parties hereto. No assignment of any rights or delegation of any obligations hereunder shall have the effect of releasing the assigning party of any of its obligations hereunder, and the assigning party shall remain primarily liable and responsible therefore notwithstanding any such assignment or delegation. Nothing in this Agreement shall be construed to confer a benefit on any person not a signatory party hereto or such signatory party's successors and assigns.

11. Waiver - At its option, either party may waive any or all of the obligations of the other party contained in this Agreement, but waiver of any obligation or any breach of this Agreement by either party shall in no event constitute a waiver as to any other obligation or breach or any future breach, whether similar or dissimilar in nature, and no such waiver shall be binding unless in writing signed by the waiving party.

Continued to Sheet No. 7.754

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 7.754
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 7.754

~~RESERVED FOR FUTURE USE~~
Continued from Sheet No. 7.753

12. Headings - The section and paragraph headings contained in the Agreement are for reference purposes only and shall not affect, in any way, the meaning or interpretation of this Agreement.

13. Counterparts - This Agreement may be executed simultaneously in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

14. Dispute Resolution - All disputes arising between the Customer and the Company under this Agreement shall be finally decided by the Commission in accordance with the applicable rules and procedures of the Commission.

15. Governing Law - This Agreement shall be construed and enforced in accordance with the laws of the State of Florida.

16. Confidentiality - The pricing levels and procedures described within this Agreement, as well as any information supplied by the Customer through an energy audit or as a result of negotiations or information requests by the Company and any information developed by the Company in connection therewith are considered confidential, proprietary information of the parties. If requested, such information shall be made available for review by the Commission and its staff only and such review shall be made under the confidentiality rules of the Commission.

Continued to Sheet No. 7.755

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~ORIGINAL~~ SECOND REVISED SHEET NO. 7.755
CANCELS FIRST REVISED SHEET NO. 7.755

~~RESERVED FOR FUTURE USE~~
Continued from Sheet No. 7.754

IN WITNESS WHEREOF, the Customer and the Company have executed this Agreement the day and year first above written.

Witnesses:

_____

_____

_____

by: _____

Its: _____

Attest: _____

Witnesses:

_____

_____

TAMPA ELECTRIC COMPANY

by: _____

Its: _____

Attest: _____

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~THIRD~~ FOURTH REVISED SHEET NO. 7.763
CANCELS ~~SECOND~~ THIRD REVISED SHEET NO. 7.763

Continued from Sheet No. 7.762

10. This Agreement supersedes all previous agreements or representations, either written or oral, heretofore in effect between the Company and the Customer, made in respect to matters herein contained and, when duly executed, this Agreement constitutes the entire Agreement between the parties hereto.

11. Except for those claims, losses and damages arising out of Company's sole negligence, the Customer agrees to defend, at its own expense, and indemnify the Company for any and all claims, losses and damages, including attorney's fees and costs, which arise or are alleged to have arisen out of operation of or damage to the Facilities. For purposes of this paragraph, "Company" shall be defined as Tampa Electric Company, its parent, TECO Energy, Inc., and all subsidiaries and affiliates thereof, and each of their respective officers, directors, affiliates, insurers, representatives, agents, employees, contractors, or parent, sister, of successor corporations.

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be duly executed the day and year first above written.

Witnesses for the Customer:

_____

_____

Customer

By_____

Title_____

Attest _____

Title _____

Witnesses for the Company:

_____

_____

Tampa Electric Company

By_____

Title_____

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~SECOND~~ THIRD REVISED SHEET NO. 7.765
CANCELS ~~FIRST~~ SECOND REVISED SHEET NO. 7.765

APPENDIX A

Long-Term Facilities

Monthly Rental and Termination Factors

The Monthly Rental factor to be applied to the in-place value of the facilities as identified in the Long-Term Agreement is ~~1.21~~1.19% per month plus applicable taxes.

If the Long-Term Rental Agreement for Facilities is terminated, a Termination Fee shall be computed by applying the following Termination Factors to the in-place value of the facilities based on the year in which the Agreement is terminated:

Year Agreement is Terminated	Termination Factors %
1	~~4.1~~3.9
2	~~7.9~~7.5
3	~~11.4~~10.8
4	~~14.5~~13.8
5	~~17.3~~16.4
6	~~19.7~~18.7
7	~~21.7~~20.6
8	~~23.3~~22.1
9	~~24.6~~23.3
10	~~25.4~~24.0
11	~~25.7~~24.3
12	~~25.6~~24.1
13	~~24.8~~23.4
14	~~23.5~~22.1
15	~~21.6~~20.2
16	~~18.9~~17.7
17	~~15.5~~14.5
18	~~11.2~~10.5
19	~~6.1~~5.7
20	0.0

ISSUED BY: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 7.885
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 7.885

ARTICLE 1 – DEFINITIONS

1.1 "Base Revenue" is the portion of electric revenue received by the Company for electric service to the Premises consisting only of applicable base demand charges, base non-fuel energy charges and facilities rental charges, if applicable. Base Revenue excludes, without limitation, capacity, ~~customer~~basic service, energy conservation, environmental, and fuel and purchased power recovery charges, franchise fees, and taxes.

1.2 "Baseline Base Revenue" equals the Base Revenue, if any, received for electric service at the Premises for the twelve-month period prior to the In-Service Date. If electric service has existed for less than twelve months prior to the In-Service Date, the Baseline Base Revenue will be calculated by averaging the monthly Base Revenue for those months that the electric service has existed prior to the In-Service Date and multiplying that average monthly Base Revenue by twelve. If no electric service has been provided at the Premises prior to the In-Service Date, the Baseline Base Revenue shall be zero. If the requested expanded electric service to the Premises will be measured by new metering, separate and apart from any metering of existing service to the Premises, there shall be no need to calculate Baseline Base Revenue and the Incremental Base Revenue shall be all Base Revenue received for electric service measured by the new metering during the Performance Guarantee Period.

1.3 "Incremental Base Revenue" is Base Revenue received during the Performance Guaranty Period for electric service rendered to the Premises in excess of Baseline Base Revenue.

1.4 "Performance Guaranty Period" is the period of time commencing with the In-service Date, and ending on the fifth anniversary of the In-Service Date ("Expiration Date").

1.5 "Performance Guaranty Amount" is the dollar amount calculated in 2.2 below.

ARTICLE II - PERFORMANCE GUARANTEE AMOUNT

2.1 For purposes of this Agreement, Incremental Base Revenue shall equal the amount remaining after any applicable previously calculated Baseline Base Revenue is subtracted from the total Base Revenue received by the Company from the Customer for electric service to the Premises during the Performance Guarantee Period.

2.2 The Performance Guaranty Amount is the cost, as determined by the Company, of the required system expansion less Customer's Contribution in Aid of Construction ("CIAC") multiplied by a factor of 1.53. The Customer agrees to provide Company a Performance Guaranty Amount in the amount specified in the table below prior to Company installing the Facilities necessary to provide the electric service to serve the Premises.

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 7.920
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 7.920

ARTICLE I – DEFINITIONS

1.1 "Relocated Facilities"– Customer facilities that have been dismantled or removed from one site on the customer's lands and reconstructed or relocated to the Premises in support of expanded mining activity within a specified region of customer lands within the Company's service territory.

1.2 "Expanded Facilities"– new Customer facilities built at or near the Premises to support expanded mining operations within a specified region of Customer lands within the Company's service territory.

1.3 "Base Revenue" is the portion of electric revenue received by the Company for electric service to the Premises consisting only of applicable base demand charges, base non-fuel energy charges and facilities rental charges, if applicable. Base Revenue excludes, without limitation, capacity, ~~customer~~basic service, energy conservation, environmental, and fuel and purchased power recovery charges, franchise fees, and taxes.

1.4 "Baseline Base Revenue" equals the Base Revenue, if any, received for electric service at the current Premises (in the case of Expanded Mining Facilities) or at the former location (in the case of Relocated Mining Facilities), for the twelve-month period prior to the In-Service Date. If electric service has existed for less than twelve months prior to the In-Service Date, the Baseline Base Revenue will be calculated by averaging the monthly Base Revenue for those months that the electric service has existed prior to the In-Service Date and multiplying that average monthly Base Revenue by twelve. If no electric service has been provided at the Premises prior to the In-Service Date, the Baseline Base Revenue shall be zero. If the requested expanded electric service to the Premises will be measured by new metering, separate and apart from any metering of existing service to the Premises, there shall be no need to calculate Baseline Base Revenue and the Incremental Base Revenue shall be all Base Revenue received for electric service measured by the new metering during the Performance Guarantee Period.

1.5 "Incremental Base Revenue" is Base Revenue received during the Performance Guaranty Period for electric service rendered to the Premises in excess of Baseline Base Revenue.

1.6 "Performance Guaranty Period" is the period of time commencing with the In-service Date, and ending on the fifth anniversary of the In-Service Date ("Expiration Date").

1.7 "Performance Guaranty Amount" is the dollar amount calculated in 2.2 below

TAMPA ELECTRIC

~~TWELFTH~~ THIRTEENTH REVISED SHEET NO. 8.050
CANCELS ~~ELEVENTH~~ TWELFTH REVISED SHEET NO. 8.050

Continued from Sheet No. 8.040

DELIVERY VOLTAGE ADJUSTMENT

For purchases from Qualifying Facilities directly interconnected to the Company, the Company's actual hourly avoided energy costs shall be adjusted according to the delivery voltage by the following multipliers:

Rate Schedule	Adjustment Factor
RS, GS	1.0570
GSD, SBF	1.0532
~~IS, SBI~~	~~1.0186~~

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

TAMPA ELECTRIC

~~SEVENTH~~ EIGHTH REVISED SHEET NO. 8.070
CANCELS ~~SIXTH~~ SEVENTH REVISED SHEET NO. 8.070

Continued from Sheet No. 8.061

CHARGES/CREDITS TO QUALIFYING FACILITY

A. ~~Customer~~ Basic Service Charges

A monthly ~~Customer~~ 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 $~~930~~ 990 monthly as a ~~Customer~~ Basic Service Charge.

Monthly ~~customer~~ Basic Service charges, applicable to QFs directly interconnected to the Company, by Rate Schedule are:

Rate Schedule	~~Customer~~Basic Service Charge ($)	Rate Schedule	~~Customer~~Basic Service Charge ($)
RS	~~10.50~~15.00	GST	~~12.00~~ 20.00
GS	~~10.50~~18.00	GSDT (secondary)	~~57.00~~30.00
GSD (secondary)	~~57.00~~30.00	GSDT (primary)	130.00
GSD (primary)	130.00	GSDT (subtrans.)	~~930.00~~990.00
GSD (subtrans.)	~~930.00~~990.00	SBFT (secondary)	~~82.00~~55.00
SBF (secondary)	~~82.00~~55.00	SBFT (primary)	155.00
SBF (primary)	155.00	SBFT (subtrans.)	~~955.00~~1,015.00
SBF (subtrans.)	~~955.00~~ 1,015.00	~~IST (primary)~~	~~622.00~~
~~IS (primary)~~	~~622.00~~	~~IST (subtrans.)~~	~~2,372.00~~
~~IS (subtrans.)~~	~~2,372.00~~		
~~SBI (primary)~~	~~647.00~~		
~~SBI (subtrans.)~~	~~2,397.00~~		

When appropriate, the ~~Customer~~ 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: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 7, 2009~~

TAMPA ELECTRIC

~~FOURTH~~ FIFTH REVISED SHEET NO. 8.306
CANCELS ~~THIRD~~ FOURTH REVISED SHEET NO. 8.306

Continued from Sheet No. 8.304

Such security shall be in the form of cash deposited in an interest bearing escrow account mutually acceptable to the Company and the EP; an unconditional and irrevocable direct pay letter of credit in form and substance satisfactory to the Company; or a performance bond in form and substance satisfactory to the Company. The form of security required will be in the sole discretion of the Company and will be in such form as to allow the Company immediate access to the funds in the event of default by the CEP.

Florida Statute 377.709(4) requires a local government to refund Early Capacity Payments should a Municipal Solid Waste Facility owned, operated by or on the behalf of the local government be abandoned, closed down or rendered illegal. Therefore a utility may not require risk-related guarantees from a Municipal Solid Waste Facility as required in FPSC Rule 25-17.0832 (2)(c) and (3)(e)(8), F. A. C. However, at its option, a Municipal Solid Waste Facility may provide such risk-related guarantees.

4. **Additional Criteria:**

a. The CEP shall provide monthly generation estimates by December 1 for the next calendar year; and

b. The CEP shall promptly update its yearly generation schedule when any changes are determined necessary; and

c. The CEP shall agree to reduce generation or take other appropriate action as requested by the Company for safety reasons or to preserve system integrity; and

d. The CEP shall coordinate scheduled outages with the Company;

e. The CEP shall comply with the reasonable requests of the Company regarding daily or hourly communications.

DELIVERY VOLTAGE ADJUSTMENT: Energy Payments to CEPs within the Company's service territory shall be adjusted according to the delivery voltage by the following multipliers:

Rate Schedule	**Adjustment Factor**
RS, GS	1.0570
GSD, SBF	1.0532
~~IS, SBI~~	~~1.0186~~

Continued to Sheet No. 8.308

ISSUED BY: G. L. Gillette, President

DATE EFFECTIVE: ~~January 1, 2013~~

TAMPA ELECTRIC

~~FIRST~~ SECOND REVISED SHEET NO. 8.312
CANCELS ~~ORIGINAL~~ FIRST REVISED SHEET NO. 8.312

Continued from Sheet No. 8.308

Should the CEP elect a Net Billing Arrangement, the hourly net capacity and energy sales delivered to the purchasing utility shall be purchased at the utility's avoided capacity and energy rates, where applicable, in accordance with FPSC Rules 25-17.0825 and 25-17.0832, F.A.C. Purchases from the interconnecting utility shall be billed at the retail rate schedule, under which the CEP load would receive service as a customer of the utility.

Although a billing option may be changed in accordance with FPSC Rule 25-17.082, F.A.C., the Contracted Capacity may only change through mutual negotiations satisfactory to the CEP and the Company.

~~Customer~ 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. **~~Customer~~ Basic Service Charges:** A monthly ~~Customer~~ 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 $~~580~~ 990 monthly as a ~~Customer~~ Basic Service Charge.

   Monthly ~~customer~~ Basic Service charges, applicable to CEPs directly interconnected to the Company, by Rate Schedule are:

RATE SCHEDULE	~~CUSTOMER~~BASIC SERVICE CHARGE ($)	RATE SCHEDULE	~~CUSTOMER~~BASIC SERVICE CHARGE ($)
RS	~~10.50~~15.00		
GS	~~10.50~~18.00	GST	~~12.00~~20.00
GSD (secondary)	~~57.00~~30.00	GSDT (secondary)	~~57.00~~30.00
GSD (primary)	130.00	GSDT (primary)	130.00
GSD (subtrans.)	~~950.00~~990.00	GSDT (subtrans.)	~~950.00~~990.00
SBF (secondary)	~~82.00~~ 55.00	SBFT (secondary)	~~82.00~~ 55.00
SBF (primary)	155.00	SBFT (primary)	155.00
SBF (subtrans.)	~~955.00~~1,015.00	SBFT (subtrans.)	~~955.00~~1,015.00
~~IS (primary)~~	~~622.00~~	~~IST (primary)~~	~~622.00~~
~~IS (subtrans.)~~	~~2,372.00~~	~~IST (subtrans.)~~	~~2,372.00~~
~~SBI (primary)~~	~~647.00~~		
~~SBI (subtrans.)~~	~~2,397.00~~		

Continued to Sheet No. 8.314

ISSUED BY: ~~C. R. Black~~G. L. Gillette,
President

DATE EFFECTIVE: ~~June 30, 2009~~

TAMPA ELECTRIC

~~ORIGINAL~~ FIRST REVISED SHEET NO. 8.314
CANCELS ORIGINAL SHEET NO. 8.314

If CEP takes service under Rate Rider GSLM-2 or GSLM-3, an additional ~~customer~~ Basic Service ~~charge~~Charge of $200.00 will apply.

When appropriate, the ~~Customer~~ 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: ~~C. R. Black~~G. L. Gillette, President

DATE EFFECTIVE: ~~May 22, 2007~~

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	ALL	Initial Service Connection	$ 75.00	$ 75.00	$ 137.86	E-7	No change proposed
3	ALL	Connection Charge - Normal Working Hours	$ 25.00	$ 28.00	$ 27.29	E-7	Set at approximate unit cost
4	ALL	Connection Charge - Same Day Service	$ 65.00	$ 75.00	$ 76.53	E-7	Set at approximate unit cost
5	ALL	Connection Charge - Saturday A.M. Service	$ 300.00	$ 300.00	$ 295.30	E-7	No change proposed
6	ALL	Reconnect after Disconnect at Meter for Cause	$ 50.00	$ 55.00	$ 55.75	E-7	Set at unit cost.
7	ALL	Reconnect after Disconnect at Pole/Othr for Cause	$ 140.00	$ 165.00	$ 166.97	E-7	Set at approximate unit cost
8	ALL	Field Visit	$ 20.00	$ 25.00	$ 24.07	E-7	Set at approximate unit cost
9	ALL	Tampering Charge	$ 50.00	$ 55.00	$ 53.31	E-7	Set at approximate unit cost
10	ALL	Return Check Charge	Per FL Statutes	Per FL Statutes	Per FL Statutes	E-7	No change proposed
11	ALL	Late Payment Charge	1.5% or $5.00	1.5% or $5.00	1.5% or $5.00	E-7	No change proposed
12							
13							
14							
15	RS, RSVP-1						
16		Basic Service Charge - $ per Bill					
17		Standard	$ 10.50	$ 15.00	$ 15.80	Supp. B (Pgs 2-3)	Set at approximate unit cost
18		RSVP-1	$ 10.50	$ 15.00	$ 15.80	Supp. B (Pgs 2-3)	Set at approximate unit cost
19							
20		Energy and Demand Charge -$ per MWh					
21		Standard					
22		First 1,000 kWh	$ 44.95	$ 50.78			Inverted rate design with one-cent differential;
23		All additional kWh	$ 54.95	$ 60.78			Block usage based on bill frequency information (68.8%/31.2%)
24		RSVP-1	$ 48.45	$ 53.90			Set at average RS rate.
25							
26							
27							
28	GS, GST						
29		Basic Service Charge - $ per Bill					
30		Standard	$ 10.50	$ 18.00	$ 18.17	Supp. B (Pgs 2-3)	Set at approximate unit cost
31		Standard Unmetered	$ 9.00	$ 15.00	$ 14.67	Supp. B (Pgs 2-3)	Set at approximate unit cost
32		T-O-D	$ 12.00	$ 20.00	$ 19.94	Supp. B (Pgs 2-3)	Set at approximate unit cost
33		T-O-D (Meter CIAC paid)	$ 10.50	$ 18.00	$ 18.17	Supp. B (Pgs 2-3)	Set at approximate unit cost
34							
35		Energy and Demand Charge - $ per MWh					
36		Standard	$ 48.45	$ 53.90			Set at average RS energy rate charge.
37		Standard Unmetered	$ 48.45	$ 53.90			Set at average RS energy rate charge.
38		T-O-D On-Peak	$ 130.57	$ 143.84			Derived using class on-pk and off-pk usage factors. (33% / 67%)
39		T-O-D Off-Peak	$ 10.46	$ 9.60	$ 9.60	COS	Set equal to energy-related unit cost.
40							
41		Emergency Relay Service - $/MWH	$ 1.51	$ 1.70		Supp. B (Pgs 7)	Set at approximate unit cost
42							
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	GSD, GSD Opt., GSDT						
3							
4		Basic Service Charge - $ per Bill					
5		Standard/Optional					
6		Secondary	$ 57.00	$ 30.00	$ 28.30	Supp. B (Pgs 4-5)	Set at approximate unit cost
7		Primary	$ 130.00	$ 130.00	$ 126.67	Supp. B (Pgs 4-5)	Set at approximate unit cost
8		Subtransmission	$ 930.00	$ 990.00	$ 987.50	Supp. B (Pgs 4-5)	Set at approximate unit cost
9		T-O-D					
10		Secondary	$ 57.00	$ 30.00	$ 28.30	Supp. B (Pgs 4-5)	Set at approximate unit cost
11		Primary	$ 130.00	$ 130.00	$ 126.67	Supp. B (Pgs 4-5)	Set at approximate unit cost
12		Subtransmission	$ 930.00	$ 990.00	$ 987.50	Supp. B (Pgs 4-5)	Set at approximate unit cost
13							
14		Demand Charge - $ per kW					
15		Standard	$ 8.41	$ 9.50		COS	Increase by % required for class revenue increase.
16		T-O-D					
17		Base	$ 2.84	$ 3.23	$ 3.31		Set at T&D unit cost.
18		Peak	$ 5.57	$ 6.27			Remaining demand cost recovery.
19							
20		Energy Charge - $ per MWh					
21		Standard	$ 15.83	$ 18.29		COS	Rate set to produce GSD revenue requirement.
22		Optional	$ 58.14	$ 64.68			Rate set at 120% of GS energy charge.
23		T-O-D					
24		On-Peak	$ 28.98	$ 39.99			Derived using Class on-pk and off-pk usage factors. (28.6%/ 71.4%)
25		Off-Peak	$ 10.46	$ 9.60		COS	Set equal to energy-related unit cost.
26							
27		Metering Voltage Adjustment - % of demand and energy chrgs.					
28		Primary	1%	1%	NA		No change proposed, reflects typical transformation losses.
29		Subtransmission	2%	2%	NA		No change proposed, reflects typical transformation losses.
30							
31		Delivery Voltage Credit					
32		Standard - $ per kW					
33		Primary	$ (0.73)	$ (0.80)	$ (0.80)	Supp. B (Pg 6)	Set at unit cost.
34		Subtransmission	$ (1.16)	$ (2.50)	$ (2.50)	Supp. B (Pg 6)	Set at unit cost.
35		Optional - $/MWH					
36		Primary	$ (1.93)	$ (2.13)	$ (2.13)	Supp. B (Pg 6)	Set at unit cost.
37		Subtransmission	$ (2.99)	$ (6.53)	$ (6.53)	Supp. B (Pg 6)	Set at unit cost.
38							
39		Emergency Relay Service					
40		Standard - $ per kW	$ 0.60	$ 0.66	$ 0.66	Supp. B (Pg 7)	Set at unit cost.
41		Optional - $/MWH	1.51	1.70	$ 1.70	Supp. B (Pg 7)	Set at unit cost.
42							
43		Power Factor - $ per MVARh					
44		Penalty	$ 2.00	$ 2.00	$ 2.00	Supp. B (Pg 8)	No change proposed, 2x credit - incentive for customer to correct.
45		Credit	$ (1.00)	$ (1.00)	$ (1.00)	Supp. B (Pg 8)	No change proposed, reflects cost of corrective equipment.

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	TS						
3		Basic Service Charge - $ per Bill					
4		Standard/Optional	$ 10.50	$ 18.00			Set at GS Standard customer charge.
5							
6		Energy and Demand Charge -$/MWH					
7		Standard	$ 48.45	$ 53.90			Set at GS Standard energy charge.
8							
9		Install and Removal Charge	$ 235.00	$ 260.00	$ 260.06	E-7	Set at unit cost.
10							
11							
12							
13							
14	SBF, SBFT						
15		Basic Service Charge - $ per Bill					
16		Secondary	$ 82.00	$ 55.00			Set at GSD Customer Charge plus $25.
17		Primary	$ 155.00	$ 155.00			Set at GSD Customer Charge plus $25.
18		Subtransmission	$ 955.00	$ 1,015.00			Set at GSD Customer Charge plus $25.
19							
20		Demand Charge - $ per kW					
21		Supplemental					
22		Standard	$ 8.41	$ 9.50			Set at GSD Standard Demand Charge.
23		TOD Billing	$ 2.84	$ 3.23			Set at GSD TOD Billing Demand Charge.
24		TOD Peak	$ 5.57	$ 6.27			Set at GSD TOD Peak Demand Charge.
25		Standby					
26		TOD Facilities Reservation	$ 2.33	$ 2.08	$ 2.08	Supp. B (Pg 9)	Set at unit cost.
27		TOD Power Supply Reservation	$ 1.26	$ 1.64	$ 1.64	Supp. B (Pg 9)	Set at unit cost.
28		TOD Power Supply Demand	$ 0.50	$ 0.65	$ 0.65	Supp. B (Pg 9)	Set at unit cost.
29							
30		Energy Charge - $ per MWh					
31		Supplemental					
32		Standard	$ 15.83	$ 18.29			Set at GSD Standard Energy Charge.
33		T-O-D On-Peak	$ 28.98	$ 39.99			Set at GSD TOD On-Peak Energy Charge.
34		T-O-D Off-Peak	$ 10.46	$ 9.60			Set at GSD TOD Off-Peak Energy Charge.
35		Standby	$ 10.49	$ 9.60		Supp. B (Pg 9)	Set at unit cost.
36							
37		Emergency Relay Service - $/kW					
38		Supplemental/Standby	$ 0.60	$ 0.66	$ 0.66	Supp. B (Pg 7)	Set at unit cost.
39							
40							
41		Metering Voltage Adjustment - % of demand and energy chrgs.					
42		Primary	-1.0%	-1.0%	NA		No change proposed, reflects typical voltage level losses.
43		Subtransmission	-2.0%	-2.0%	NA		No change proposed, reflects typical voltage level losses.
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2							
3	SBF, SBFT (cont.)						
4							
5		Delivery Voltage Credit					
6		Supplemental					
7		Primary	$ (0.73)	$ (0.80)	$ (0.80)	Supp. B (Pg 6)	Set at unit cost.
8		Subtransmission	$ (1.16)	$ (2.50)	$ (2.50)	Supp. B (Pg 6)	Set at unit cost.
9		Standby					
10		Primary	$ (0.60)	$ (0.67)	$ (0.67)	Supp. B (Pg 6)	Set at unit cost.
11		Subtransmission	$ (1.17)	$ (2.08)	$ (2.08)	Supp. B (Pg 6)	Set at unit cost.
12							
13		Power Factor - $ per MVARh					
14		Penalty	$ 2.00	$ 2.00			No change proposed, provides incentive to correct PF.
15		Credit	$ (1.00)	$ (1.00)			No change proposed, reflects cost of corrective equipment.
16							
17							
18							
19	IS, IST						
20		Basic Service Charge - $ per Bill					
21		Primary	$ 622.00	$ 130.00	$ -	Supp. B (Pgs 4-5)	Set at approximate unit cost
22		Subtransmission	$ 2,372.00	$ 990.00	$ -	Supp. B (Pgs 4-5)	Set at approximate unit cost
23		T-O-D					
24		Primary	$ 622.00	$ 130.00	$ -	Supp. B (Pgs 4-5)	Set at approximate unit cost
25		Subtransmission	$ 2,372.00	$ 990.00	$ -	Supp. B (Pgs 4-5)	Set at approximate unit cost
26							
27							
28		Demand Charge - $ per kW					
29		Standard	$ 1.45	$ 9.50		COS	Increase by % required for class revenue increase.
30		T-O-D					
31		Base	$ 1.45	$ 3.23	$ 3.31		Set at T&D unit cost.
32		Peak	$ -	$ 6.27			Remaining demand cost recovery.
33							
34		Energy Charge - $ per MWh					
35		Standard	$ 25.04	$ 18.29		COS	Rate set to produce GSD revenue requirement.
36		T-O-D					
37		On-Peak	$ 25.04	$ 39.99			Derived using Class on-pk and off-pk usage factors. (28.6%/ 71.4%)
38		Off-Peak	$ 25.04	$ 9.60	$ 9.60	COS	Set equal to energy-related unit cost.
39							
40		Metering Voltage Adjustment - % of demand and energy chrgs.					
41		Primary	0%	-1%	NA		No change proposed, reflects typical voltage level losses.
42		Subtransmission	-1%	-2%	NA		No change proposed, reflects typical voltage level losses.
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	IS, IST (cont.)						
3							
4		Delivery Voltage Credit					
5		Standard - $ per kW					
6		Primary	$ -	$ (0.80)	$ (0.80)	Supp. B (Pg 6)	Set at unit cost.
7		Subtransmission	$ (0.40)	$ (2.50)	$ (2.50)	Supp. B (Pg 6)	Set at unit cost.
8							
9		Emergency Relay Service					
10		Standard - $ per kW	$ 0.57	$ 0.66	$ 0.66	Supp. B (Pg 7)	Set at unit cost.
11							
12		Power Factor - $ per MVARh					
13		Penalty	$ (1.00)	$ (1.00)	$ (1.00)	Supp. B (Pg 8)	No change proposed, 2x credit - incentive for customer to correct.
14		Credit	$ 2.00	$ 2.00	$ 2.00	Supp. B (Pg 8)	No change proposed, reflects cost of corrective equipment.
15							
16							
17							
18	SBI,SBIT						
19		Basic Service Charge - $ per Bill					
20		Primary	$ 647.00	$ 155.00			Set at GSD Customer Charge plus $25.
21		Subtransmission	$ 2,397.00	$ 1,015.00			Set at GSD Customer Charge plus $25.
22							
23							
24		Demand Charge - $ per kW					
25		Supplemental					
26		Standard	$ 1.45	$ 9.60	$ 9.60		Set at GSD Standard Demand Charge.
27		TOD Billing	$ 1.45	$ 3.23			Set at GSD TOD Billing Demand Charge.
28		TOD Peak	$ -	$ 6.27			Set at GSD TOD Peak Demand Charge.
29		Standby					
30		TOD Facilities Reservation	$ 1.45	$ 2.08	$ 2.08	Supp. B (Pg 9)	Set at unit cost.
31		TOD Power Supply Reservation	$ 1.20	$ 1.64	$ 1.64	Supp. B (Pg 9)	Set at unit cost.
32		TOD Power Supply Demand	$ 0.48	$ 0.65	$ 0.65	Supp. B (Pg 9)	Set at unit cost.
33							
34		Energy Charge - $ per MWh					
35		Supplemental					
36		Standard	$ 25.04	$ 18.30			Set at GSD Standard Energy Charge.
37		T-O-D On-Peak	$ 25.04	$ 39.99			Set at GSD TOD On-Peak Energy Charge.
38		T-O-D Off-Peak	$ 25.04	$ 9.60			Set at GSD TOD Off-Peak Energy Charge.
39		Standby					
40		Standard	$ 10.06	$ 9.60	$ 9.60	Supp. B (Pg 9)	Set at unit cost.
41		T-O-D On-Peak	$ 10.06	$ 9.60			
42		T-O-D Off-Peak	$ 10.06	$ 9.60			
43							
44							
45							

LINE NO.	RATE SCHEDULE	TYPE OF CHARGE	CURRENT RATE	PROPOSED RATE	UNIT COST	REFERENCE	EXPLANATION
1							
2	SBI, SBIT (cont.)						
3							
4		Emergency Relay Service - $/kW					
5		Supplemental/Standby	$ 0.57	$ 0.66	$ 0.66	Supp. B (Pg 7)	Set at unit cost.
6							
7		Metering Voltage Adjustment - % of demand and energy chrgs.					
8		Primary	-1.0%	-1.0%	NA		No change proposed, reflects typical voltage level losses.
9		Subtransmission	-2.0%	-2.0%	NA		No change proposed, reflects typical voltage level losses.
10							
11							
12							
13							
14							
15							
16							
17							
18	LS-1	Basic Service Charge - $ per Bill	$ 10.50	$ 15.00			Set the same as RS Basic Service Charge.
19							
20		Energy - $ per MWH	$ 24.62	$ 32.43			Rate set to produce LS energy revenue requirement.
21							
22		Fixture/ Pole/Maintenance Charges $/Unit	Various	Various	Various	E-13D Supp.	No changes are proposed.,
23							
24							
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							
36							
37							
38							
39							
40							
41							
42							
43							
44							
45							

LINE NO.

DERIVATION OF OTHER CHARGES AND CREDITS

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

Line No.							
1	**I. Meters, Services, and Customer Component of Distribution (Distribution Customer Component)**						
2			*RS*			*GS*	
3	No. of Bills		7,429,825			817,908	
4	No. of Metered Customers		619,152			67,973	
5	No. of Un-Metered Customers		-			186	
6							
7	**COS: Total Meters, Services, and Distribution Customer Component- $(000)**						
8		$	85,401		$	10,555	
9							
10	EPIS Amounts - $(000).						
11	A. Meters	$	58,779	11.5%	$	11,063	18.2%
12	B. Services	$	170,736	33.4%	$	18,795	30.8%
13	C. Distribution Customer Component	$	282,364	55.2%	$	31,084	51.0%
14	Total	$	511,879	100%	$	60,942	100%
15							
17	**A. Meters**						
18			RS			GS	
19	Allocated Cost of Service - $(000)	$	9,807		$	1,916	
20	Meter unit cost - $/Bill	$	1.32		$	2.35	
21							
22							
23	No. Customers by Meter Type						
24	Secondary AMR		619,152			45,263	
25	SC TOU		-			2,600	
26	Polyphase SC Energy Only		-			19,751	
27	Polyphase SC Demand or TOU		-			76	
28	Polyphase TR Secondary Energy Only		-			257	
29	Polyphase TR Primary		-			26	
30			619,152.08			67,973	
31							
32	Total weighted relationship factor		1.00			1.71	
33							
34	Per Unit Cost by Meter Type:						
35	Secondary	$	1.32		$	1.32	
36	Secondary AMR	$	-		$	2.65	
37	SC TOU	$	-		$	4.12	
38	Polyphase SC Energy Only	$	-		$	3.22	
39	Polyphase SC Demand or TOU	$	-		$	12.40	
40							
41							
42	**B. Services**						
43			RS			GS	
44	Allocated Cost of Service - $(000)	$	28,485		$	3,255	
45	Unit cost - $/Bill	$	3.83		$	3.98	
46							
47							
48							
49							
50							
51	Continued on Page 3						
52							

Installed Cost	Relative Relationship
$ 93	1.00
$ 187	2.01
$ 290	3.12
$ 227	2.44
$ 874	9.40
$ 6,622	71.20

Continued from Page 2

C. Distribution Customer Component

	RS	GS
Allocated Cost of Service - $(000)	$ 47,109	$ 5,383.52
Unit cost - $/Bill	$ 6.34	$ 6.58

II. Meter Reading, Billing, Customer Service

	RS	GS
Cost of Service - $(000)	$ 31,984	$ 4,303
Unit cost - $/Bill	$ 4.30	$ 5.26

Summary Customer Charge Unit Costs

	RS	GS Standard	GS Time of Day	GS Un-metered
Meter	$ 1.32	$ 2.35	$ 4.12	$ -
Services	$ 3.83	$ 3.98	$ 3.98	$ 3.98
Distr. Cust.	$ 6.34	$ 6.58	$ 6.58	$ 6.58
Billing,etc	$ 4.30	$ 5.26	$ 5.26	$ 4.11
Total	$ 15.80	$ 18.17	$ 19.94	$ 14.67
Proposed	$ 15.00	$ 18.00	$ 20.00	$ 15.00

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

Line No.		GSD/SBF	IS/SBI	Total
1	**I. Meters, Services, IS Equipment, and Distribution Customer Component**			
2				
3	No. of Metered Bills	168,362	516	168,878
4	No. of Customers	14,030	43	14,073
5				
6	**COS: Total Meters, Services, Distribution Customer Componenet- $(000)**			
7		$ 3,977	$ 503	$ 4,480
8				
9	EPIS Amounts - $(000).			
10	A. Meters	$ 9,500	$ 1,013	47%
11	B. Services	$ 3,830	$ -	17%
12	C. IS Equipment	$ -	$ 1,643	7%
13	D. Distribution Customer Component	$ 6,369	$ 8	29%
14	Total	$ 19,699	$ 2,664	100.0%
15				
16				
17	**A. Meters**			
18	Cost of Service - $(000)			$ 2,106
19	No. of Bills			168,878
20	Meter unit cost - $/Bill			$ 12.47
21				
22	No. of Customers by Meter Type:			
23	Single-Phase Secondary SC	2,171	-	2,171
24	Single-Phase TOU Secondary SC	230	-	230
25	Three-Phase Secondary SC	-	-	-
26	Three-Phase TOU Secondary SC	700	-	700
27	Three-Phase Demand AMR	2,880	-	2,880
28	Three-Phase Secondary TR	7,907	-	7,907
29	Three-Phase Primary TR	136	29	165
30	Transmission	6	14	20
31		14,030	43	14,073
32				
33				
34	Total weighted relationship factor			7.87
35				
36	Per Unit Cost by Meter Type:			
37	Single-Phase Secondary			$ 1.58
38	Single-Phase TOU Secondary			$ 3.19
39	Three-Phase Secondary SC			$ 4.94
40	Three-Phase TOU Secondary SC			$ 3.87
41	Three-Phase TOU Secondary SC			$ 4.43
42	Three-Phase Secondary TR			$ 14.89
43	Three-Phase Primary			$ 112.83
44	Transmission			$ 973.66
45				
46				
47	**B. Services**			TOTAL
48	Cost of Service - $(000)			$ 762
49	No. of sec. bills			166,656
50	Unit cost - $/Bill			$ 4.57
51				
52	Continued on Page 5			

Installed Cost	Relationship
$ 93	1.00
$ 187	2.01
$ 290	3.12
$ 227	2.44
$ 260	2.80
$ 874	9.40
$ 6,622	71.20
$ 57,146	614.47

Line No.

1 Continued from Page 4

		EPIS Ratio	
		41.2%	58.8%
C. IS Equipment	TOTAL	Primary	Subtrans.
Cost of Service - $(000)	$ 313.62	$ 129.21	$ 184.41
No. of sec. bills		348	168
Unit cost - $/Bill		$ 371	$ 1,098

D. Distribution Customer Component	TOTAL
Cost of Service - $(000)	$ 1,299.27
No. of bills	168,878
Unit cost - $/Bill	$ 7.69

II. Meter Reading, Billing, Customer Service

	GSD/SBF	IS/SBI	Total
Cost of Service - $(000)	$ 1,009	$ 29	$ 1,038
No. of Bills	168,362	516	168,878
Unit cost - $/Bill			$ 6.14

Summary: Proposed Tiered Customer Charges for GSD Rate Schedule:

	Secondary	Primary	Subtrans.
Standard Meter	$ 9.89	$ 112.83	$ 973.66
Services	$ 4.57	$ -	$ -
Distribution Customer Comp.	$ 7.69	$ 7.69	$ 7.69
Billing,etc	$ 6.14	$ 6.14	$ 6.14
Total (Without IS Equip.)	$ 28.30	$ 126.67	$ 987.50
IS Equipment	$ -	$ 371.29	$ 1,097.66
Total (With IS Equip.)	$ -	$ 497.96	$ 2,085.16
Proposed Standard (w/o IS Equip)	$ 30.00	$ 130.00	$ 990.00

Tampa Electric Company
Development of Delivery Voltage Discounts
Dollars in Thousands

Line No.					
1					
2	I. Distribution Primary/ Secondary Delivery Costs				
4			GSD/SBF	IS/SBI	Total
5					
6	Distribution Secondary Revenue Requirements:		$ 13,966	$ -	$ 13,966
7					
8	Sum of Monthly Effective Billing kW		17,494,769	-	17,494,769
9					
10	Equals Delivery Voltage Credit for Primary Service $/kW-mo				$ 0.80
11	(Line 6 x 1000)/Line 8				
12					
13	Sum of Monthly kWH		6,568,943	-	6,568,943
14					
15	Equals Delivery Voltage Credit for Primary Service $/MWH				$ 2.13
16	(Line 6 x 1000)/Line 13				
17					
18	II. Transmission/Distribution Primary Delivery Costs				
20			GSD/SBF	IS/SBI	Total
21					
22	Distribution Primary Revenue Requirements (COS Page29)		$ 34,264	$ 559	$ 34,822
23					
24	Sum of Monthly Effective Billing kW		19,860,201	597,825	20,458,026
25					
26	Equal Delivery Voltage Credit for Subtransmission Service $/kW-mo.				$ 1.70
27	(Line 22 x 1000)/Line 24				
28					
29	Sum of Monthly MWH		7,669,699	237,768	7,907,467
30					
31	Equals Delivery Voltage Credit for GSD Option Rate $/MWh				$ 4.40
32	(Line 22 x 1000)/Line 29				
33					
34	Summary Proposed Delivery Voltage Credit				
35	Distribution Primary Delivery ($/kW-mo)	Line 10			$ 0.80
36	Distribution Primary Delivery ($/MWH)	Line 15			$ 2.13
37					
38	Subtransmission Delivery ($/kW-mo)	Line 10 + Line 26			$ 2.50
39	Subtransmission Delivery ($/MWH)	Line 15 + Line 31			$ 6.53
40					
41					
42	For StandbyCustomers:				
43	Distribution Primary Delivery ($/kW-mo) (COS Unit Cost)				$ 0.67
44	Subtransmission Delivery ($/kW-mo) (COS Unit Cost)				$ 2.08
45					
46					
47					
48					
49					
50					
51					
52					

TAMPA ELECTRIC COMPANY

Development of Emergency Relay Power Supply Charges

Dollars in Thousands

Line No.			GSD/SBF	IS/SBI	Total
1					
3			GSD/SBF	IS/SBI	Total
4					
5	Total Distribution Primary System O&M (without MDS Concept)		$ 15,660	$ 255	$ 15,915
6					
7	EPIS COS (without MDS Concept)				
8	Distribution Substation Plant	a.	$ 73,168	$ 1,192	$ 74,360
9	All Other Distribution Plant (primary)	b.	$ 230,662	$ 3,757	$ 234,419
10	Total Distribution Primary Plant	c.	$ 303,830	$ 4,949	$ 308,779
11					
12	Plant Ratio: b/c				75.9%
13					
14	Distribution Primary System O&M excluding Substation Transformer O&M (Line 5 x Line 12)				$ 12,082.4
15	Feeder (trunk line)% of distribution circuits (both OH and UG)				20%
16	Trunk Line O&M (Line 6 x Line 18 +14 x Line 15)				$ 2,416
17					
18	Billing kW*		19,860,201	597,825	20,458,026
19					
20	Trunk Line O&M $/kW (Line 16 / Line 18)				$ 0.12
21					
22	Sum of Monthly MWH		7,669,699	237,768	7,907,467
23					
24	Relay Service $/MWh (Line 16 / Line 22)				$ 0.31
25					
26			GSD/SBF	IS/SBI	Total
27					
28	Distribution Primary Revenue Requirements		$ 44,921	$ 731	$ 45,652
29					
30	Sum of Monthly Effective kW*		19,860,201	597,825	20,458,026
31					
32	Weighted Average Unit Cost $/kW-mo. (Line 28 / Line 30)				$ 2.23
33	Ratio a/c:				24.1%
34	Weighted Average Substation Transformation Unit Cost $/kW-mo. (Line 32 x line 33)				$ 0.54
35					
36	Relay Service $/kW-mo (Line 20 + Line 34)				$ 0.66
37	Revenue Related Expense Expansion Factor				1.00454
38	Relay Service $/kW-mo (Line 36 x Line 37)				$ 0.66
39					
40					
41	Sum of Monthly MWH		7,669,699	237,768	7,907,467
42					
43	Relay Service $/MWh (Line 28/Line 39)				$ 5.77
44	Ratio a/c:				24.1%
45	Weighted Average Substation Transformation Unit Cost $/MWH (Line 41 x Line 42)				$ 1.39
46					
47	Relay Service $/MWh (Line 46 + Line 43)				$ 1.70
48	Revenue Related Expense Expansion Factor				1.00454
49	Relay Service $/MWH (Line 36 x Line 37)				$ 1.70
50					
51					
52	Continued from Page 8				

Line No.				
1	Continued from Page 7			
2	**Derivation of Reserve Capacity Charge for Relay Service**			
3				
4	Distribution plant less substation (Cost Study without MDS)			$ 234,419
5	Trunk Line % (OH)			27%
6	Trunk Line $ (Line 48 x Line 49)			$ 63,293
7				
8	Sum of Monthly Ratcheted Demand(Maximum) kW (ratchet factor=1.2%)	1,986,020	59,783	2,045,803
9				
10	CIAC for trunk line capacity $/kW (investment $ / sum of maximum kW = (Line 50 *1000)/ Line 52)			$ 30.94
11				
12	** Effective billing kW - primary (COS page 32)*			

Tampa Electric Company
Derivation of Power Factor Credit/Penalty

Distribution Capacitor Costs

Line No.	Size (kVAR)	Location	Cost	Cost ($/kVAR)	% Total	Weighted P.W. Cost ($/VAR)	
7	600	13 kV Feeder	$ 5,223	$ 8.71	33.6%	$ 2.92	
9	1200	13 kV Feeder	$ 6,424	$ 5.35	52.7%	$ 2.82	
11	1800	13kV Padmounted	$ 27,500	$ 15.28	4.5%	$ 0.69	
13	50400	69kV Sub.	$ 600,000	$ 11.90	9.1%	$ 1.08	*
15	Total				100%	$ 7.52	
17	Fixed Charge Rate (using 20-year tax life, 30-yr book life)					12.6%	
19	Annual Revenue Requiremens = Line 14 x Line 13 Cost					$ 0.95	per kVAR
21	Monthly Rev. Req.					$ 0.08	per kVAR-mo.
23	Distribution System Capacitor O&M						
24	3-year average					$ 997,483	
26	System kVAR					1,392,600	
28	Average $/kVAR O&M Cost					$ 0.72	per kVAR
30						$ 0.06	per kVAR-mo.

Derivation of $.001 per kVARh Credit and $.002 per kVAR Penalty

33	Assumptions:						
34	*Customer-oriented capacitance cost = estimated at 3 times utility cost*					$ 0.24	per kVAR-mo
35	Load Factor					60%	
36	Monthly Hours					720	
38	Credit:	$/kVARh=	$/kVAR-mo / .60 x 720 hrs.	= $ 0.24 / 432	=		**$ 0.001**
42	Penalty:	$/kVARh=	2 x PF Credit	= 2 x $.001	=		**$ 0.002**

* Estimated cost based on last purchase price

Tampa Electric Company
Derivation of Standby Rate Charges

Line No.						
1	**Standby Demand Charge**					
2			(A)	(B)	(C)	
3			COS	Sum of Monthly 12 CP	Demand Cost $/KW/Mo	
4			REV REQ	(KW)	[Col (A) / Col (B)]	
5	1. Production and Transmission					
6	A) Production Demand - Tot. Retail System	$	442,793,196	41,931,996	$	10.56
7	B) Transmission Demand - Tot. Retail System	$	87,455,252	41,931,996	$	2.09
8	C) Total (A) + (B)	$	530,248,448		$	12.65
9						
10	2. Secondary Level Demand Loss Factor					1.0786
11						
12	3. Secondary Level Unit Demand Rate					
13	A) Production - Total Retail System: (1A) * (2)				$	11.39
14	B) Transmission - Total Retail System: (1B) * (2)				$	2.25
15	C) Total (A) + (B)				$	13.64
16						
17	4. Coincidence Factor					12%
18						
19	5. Monthly Reservation Charge ($/kW): (3C) * (4)					**$ 1.64**
20						
21	6. Billing Days					21
22						
23	7. Daily Demand Charge ($/Day): (3C) / (6)					**$ 0.65**
24			GSD/IS Combined			
25			COS Rev Req	Ratcheted Billing kW	Facilities Charge ($/KW)	
26	8. Local Facilities - Standby			(ratchet factor =1.2%)	[Col (A) / Col (B)]	
27						
28	A) Distribution - Primary	$	34,822,379	24,549,631	$	1.42
29	B) Distribution Secondary	$	13,966,120	20,993,723	$	0.67
30	C) Total (A) + (B)	$	48,788,499		**$**	**2.08**
31						
32						
33						
34						
35	**Stand-by Energy Charge**					
36						
37			GSD-Combined			
38			COS REV REQ	Effective MWH	$/MWH	
39					[Col (A) / Col (B)]	
40	9. Energy - Total Retail System	$	175,911,027	18,341,915	$	9.60
41						
42	10. Secondary Level Unit Energy Rate					**$ 9.60**
43						
44						
45						
46						
47						
48						
49						
50						
51						
52						

TAMPA ELECTRIC COMPANY

Development of Monthly Rental and Termination Factors for Facilities Rental Agreement

Revnue Requirements for Plant Inservice for Calculation of K Factor

Assumptions			Capital Structure			Aftertax	Pretax
Total Installec	$100		Type	Amount	Cost	Cost	Cost
			Common	54.0%	11.25%	11.25%	18.32%
Book Life	33		Preferred	0.0%	0.0%	0.0%	0.0%
Tax Life	20		Debt	46.0%	6.60%	4.05%	6.60%
Tax Rate	38.575%		Total	100.0%	**9.11%**	**7.94%**	12.92%
Prop tax	1.95%	0.00%	Equity & PF Cost		12.00%		
Insurance	0.50%	2.70%					

K Factor based on PW of RR	**1.5063**
Lev. RR years	**20**
NPV of RR for 20 yrs	**$141.0**
Lev. RR Factor 20 yrs	**14.29%**
Monthly Lev. RR Factor	**1.19%**

Line No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
					Net Plant					Accum.							Annual	PV of	Cum PV
	Begin Year	Book	Def.		in Rate Base	Inservice	Average	MACRS	Tax	Def	Average	Book	Return on	Property		Federal	Rev Req	Rev	of Rev
Year	Rate Base	Deprec.	Taxes	Year	End Year	Factor	Rate Base	Tax Rate	Deprec.	Taxes	Rate Base	Deprec	Rate Base	Tax	Insurance	Inc Taxes	(Fixed CC)	Req't	Req't
																	($000)	($000)	($000)
1	100	3	0.28	2014	97	1	98	3.750%	3.8	0.28	98	3.03	8.96	1.95	0.50	3.75	**18.19**	$16.9	$16.9
2	97	3	1.62	2015	92		94	7.220%	7.2	1.89	94	3.03	8.60	1.89	0.51	3.60	**17.63**	$15.1	$32.0
3	92	3	1.41	2016	88		90	6.680%	6.7	3.30	90	3.03	8.18	1.83	0.53	3.42	**17.00**	$13.5	$45.5
4	88	3	1.21	2017	83		85	6.180%	6.2	4.52	85	3.03	7.79	1.77	0.54	3.26	**16.39**	$12.1	$57.6
5	83	3	1.03	2018	79		81	5.710%	5.7	5.55	81	3.03	7.41	1.71	0.56	3.10	**15.81**	$10.8	$68.4
6	79	3	0.87	2019	75		77	5.29%	5	6	77	3.03	7.05	1.65	0.57	2.95	**15.25**	$9.6	$78.0
7	75	3	0.72	2020	72		74	4.89%	5	7	74	3.03	6.70	1.60	0.59	2.80	**14.71**	$8.6	$86.6
8	72	3	1	2021	68		70	4.52%	5	8	70	3.03	6.36	1.54	0.60	2.66	**14.19**	$7.7	$94.3
9	68	3	1	2022	64		66	4.46%	4	8	66	3.03	6.04	1.48	0.62	2.53	**13.69**	$6.9	$101.2
10	64	3	1	2023	61		63	4.46%	4	9	63	3.03	5.71	1.42	0.64	2.39	**13.18**	$6.1	$107.4
11	61	3	1	2024	57		59	4.46%	4	9	59	3.03	5.38	1.36	0.65	2.25	**12.68**	$5.5	$112.8
12	57	3	1	2025	54		56	4.46%	4	10	56	3.03	5.06	1.30	0.67	2.12	**12.17**	$4.9	$117.7
13	54	3	1	2026	50		52	4.46%	4	10	52	3.03	4.73	1.24	0.69	1.98	**11.67**	$4.3	$122.0
14	50	3	1	2027	47		48	4.46%	4	11	48	3.03	4.40	1.18	0.71	1.84	**11.17**	$3.8	$125.9
15	47	3	1	2028	43		45	4.46%	4	12	45	3.03	4.08	1.12	0.73	1.71	**10.66**	$3.4	$129.2
16	43	3	1	2029	39		41	4.46%	4	12	41	3.03	3.75	1.06	0.75	1.57	**10.16**	$3.0	$132.2
17	39	3	1	2030	36		38	4.46%	4	13	38	3.03	3.42	1.00	0.77	1.43	**9.66**	$2.6	$134.9
18	36	3	1	2031	32		34	4.46%	4	13	34	3.03	3.10	0.95	0.79	1.30	**9.16**	$2.3	$137.2
19	32	3	1	2032	29		30	4.46%	4	14	30	3.03	2.77	0.89	0.81	1.16	**8.66**	$2.0	$139.2
20	29	3	1	2033	25		27	4.46%	4	14	27	3.03	2.45	0.83	0.83	1.02	**8.16**	$1.8	$141.0
21	25	3	0	2034	22		24	2.24%	2	14	24	3.03	2.16	0.77	0.85	0.90	7.71	$1.6	$142.5
22	22	3	-1	2035	20		21	0.00%	0	13	21	3.03	1.95	0.71	0.87	0.82	7.38	$1.4	$143.9
23	20	3	-1	2036	19		20	0.00%	0	12	20	3.03	1.78	0.65	0.90	0.75	**7.10**	$1.2	$145.1
24	19	3	-1	2037	17		18	0.00%	0	11	18	3.03	1.61	0.59	0.92	0.67	**6.83**	$1.1	$146.2
25	17	3	-1	2038	15		16	0.00%	0	9	16	3.03	1.44	0.53	0.95	0.60	**6.55**	$1.0	$147.2
26	15	3	-1	2039	13		14	0.00%	0	8	14	3.03	1.27	0.47	0.97	0.53	**6.28**	$0.9	$148.1
27	13	3	-1	2040	11		12	0.00%	0	7	12	3.03	1.10	0.41	1.00	0.46	**6.01**	$0.8	$148.8
28	11	3	-1	2041	9		10	0.00%	0	6	10	3.03	0.93	0.35	1.03	0.39	**5.73**	$0.7	$149.5
29	9	3	-1	2042	7		8	0.00%	0	5	8	3.03	0.76	0.30	1.05	0.32	**5.46**	$0.6	$150.1
30	7	3	-1	2043	6		7	0.00%	0	4	6.5	3.03	0.59	0.24	1.08	0.25	**5.19**	$0.5	$150.6

TAMPA ELECTRIC COMPANY

Development of Monthly Rental and Termination Factors for Facilities Rental Agreement (Cont.)

Continued from Page 10

Year	(1) PV Annual FCR	Nominal Annual FCR	(2) Nominal Levelized FCR	(3) PV Discount Factor	(4) (2) x (3) PV Levelized FCR	(5) PV Cumulative Annual	(6) PV Cumulative Levelized	(7) (5) - (6) PV Termination Factor	(8) (7) / (3) Nominal Termination Factor
1	0.182	0.182	0.143	1.000	0.143	0.182	0.143	0.039	0.039
2	0.163	0.176	0.143	0.926	0.132	0.345	0.275	0.070	0.075
3	0.146	0.170	0.143	0.858	0.123	0.491	0.398	0.093	0.108
4	0.130	0.164	0.143	0.795	0.114	0.621	0.512	0.110	0.138
5	0.116	0.158	0.143	0.737	0.105	0.738	0.617	0.121	0.164
6	0.104	0.153	0.143	0.683	0.098	0.842	0.715	0.127	0.187
7	0.093	0.147	0.143	0.632	0.090	0.935	0.805	0.130	0.206
8	0.083	0.142	0.143	0.586	0.084	1.018	0.889	0.130	0.221
9	0.074	0.137	0.143	0.543	0.078	1.092	0.966	0.126	0.233
10	0.066	0.132	0.143	0.503	0.072	1.159	1.038	0.121	0.240
11	0.059	0.127	0.143	0.466	0.067	1.218	1.105	0.113	0.243
12	0.053	0.122	0.143	0.432	0.062	1.270	1.166	0.104	0.241
13	0.047	0.117	0.143	0.400	0.057	1.317	1.224	0.093	0.234
14	0.041	0.112	0.143	0.370	0.053	1.358	1.277	0.082	0.221
15	0.037	0.107	0.143	0.343	0.049	1.395	1.326	0.069	0.202
16	0.032	0.102	0.143	0.318	0.045	1.427	1.371	0.056	0.177
17	0.028	0.097	0.143	0.295	0.042	1.456	1.413	0.043	0.145
18	0.025	0.092	0.143	0.273	0.039	1.481	1.452	0.029	0.105
19	0.022	0.087	0.143	0.253	0.036	1.503	1.488	0.014	0.057
20	0.019	0.082	0.143	0.234	0.033	1.522	1.522	0.000	0.000

SCHEDULE E-15 | PROJECTED BILLING DETERMINANTS - DERIVATION | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: Trace how the billing determinants were derived from the preliminary forecasts used for test year budget. Provide supporting assumptions and details of forecasting techniques. Reconcile the billing determinants with the forecast by customer class determinants with the forecast by customer class in the Ten-Year-Site Plan.

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: W. R. Ashburn/L. L. Cifuentes

Customers/Bills and MWh Sales

The number of customers and bills are equal under each rate schedule, except for the lighting schedules and rate GS, which does not count Rate GS unmetered bills as customers.

The forecast of the number of customers and MWh sales by revenue class is made by the Load Research and Forecasting Department and is presented by witness Mrs. Cifuentes' in this proceeding. Conversion of these revenue class forecasts to rate schedule forecasts are also done by the Load Research and Forecasting Department for use in forecasting billing determinants and revenues. The forecasted number of customers and MWh sales by rate schedule are based on each rete schedules percentage contribution of customers and MWh sales to their respective revenue class during the prior 12 month period.

Customers and MWh sales for the IS, SBI, SBF rate schedules are forecasted individually, therefore the total number of customers and MWh sales is a summation.

The LS rate schedule's customer count is based on those customers receiving a bill for lighting services only. The lighting fixture forecast is based on customer growth projections and historic trends and includes special large scale lighting projects proposed by governmental agencies.

The TS rate schedule is a subset of commercial class and are extracted from Mrs. Cifuentes' forecast of commercial customers and MWh sales.

KW Billing Demands

The forecast for the various types of KW billing demands are made by the company's Load Research and Forecasting Department. The number of KW (when applicable) was used to calculate the revenues in schedule E13c. For each demand rate schedule, historical relationships between monthly KW billing demand and MWh sales are evaluated to arrive at a typical (average) load factor. These load factors were applied to the monthly MWh sales to calculate the kW billing demands used in the rate design.

Supporting Schedules:

Recap Schedules:

SCHEDULE E-16 | CUSTOMERS BY VOLTAGE LEVEL | Page 1 of 2

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: Provide a schedule of the number of customers served at transmission, sub transmission, primary distribution, and secondary distribution voltages by rate schedule for the test year and prior year. Customers served directly from a company-owned substation must be listed under the voltage level at which they are served.

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line No.	Rate Schedule	Average Customers Per Month	Transmission Voltage Customers	Subtransmission Voltage Customers	Primary Distribution Voltage Customers	Secondary Distribution Voltage Customers	
1							
2							
3	I Number of Customers Served						
4	RS	619,152	-	-	-	619,152	
5							
6	GS & TS (b)	68,159	-	-	15	68,144	
7							
8	GSD & SBF	14,030	-	6	105	13,919	
9							
10	IS & SBI	43	-	17	26	-	
11							
12	LS (a)	217	-	-	-	217	
13							
14	TOTAL COMPANY	701,601	0	23	146	701,432	
15							
16							
17							
18	II Number of Customers Metered						
19	RS	619,152	-	-	-	619,152	
20							
21	GS & TS	67,973	-	-	26	67,947	(b)
22							
23	GSD & SBF	14,030	-	6	136	13,888	
24							
25	IS & SBI	43	-	14	29	-	
26							
27	LS	217	-	-	-	217	
28							
29	TOTAL COMPANY	701,415	0	20	191	701,204	
30							
31							
32							
33							
34	(a) In addition, there are an estimated 3,494 company-owned LS circuits.						
35	(b) Includes 186 unmetered customers.						
36							
37							

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: Provide a schedule of the number of customers served at transmission, sub transmission, primary distribution, and secondary distribution voltages by rate schedule for the test year and prior year. Customers served directly from a company-owned substation must be listed under the voltage level at which they are served.

Type of data shown:
Projected Test Year Ended 12/31/2014
XX Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line No.	Rate Schedule	Average Customers Per Month	Transmission Voltage Customers	Subtransmission Voltage Customers	Primary Distribution Voltage Customers	Secondary Distribution Voltage Customers	
1							
2							
3	I Number of Customers Served						
4	RS	610,921	-	-	-	610,921	
5							
6	GS & TS (b)	67,271	-	-	15	67,256	
7							
8	GSD & SBF	13,863	-	6	103	13,754	
9							
10	IS & SBI	43	-	17	26	-	
11							
12	LS (a)	213	-	-	-	213	
13							
14	TOTAL COMPANY	692,311	0	23	144	692,144	
15							
16							
17							
18	II Number of Customers Metered						
19	RS	610,921	-	-	-	610,921	
20							
21	GS & TS	67,085	-	-	25	67,060	(b)
22							
23	GSD & SBF	13,863	-	6	134	13,723	
24							
25	IS & SBI	43	-	14	29	-	
26							
27	LS	213	-	-	-	213	
28							
29	TOTAL COMPANY	692,125	0	20	188	691,917	
30							
31							
32							
33							
34	(a) In addition, there are an estimated 3,494 company-owned LS circuits.						
35	(b) Includes 186 unmetered customers.						
36							
37							

Supporting Schedules:

Recap Schedules:

SCHEDULE E-17 LOAD RESEARCH DATA

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording meters, provide actual monthly values for the aforementioned demands and identify such meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	Residential	Jan-10	2937.4	5.6%	2937.4	5.6%	5491.7	4.4%
4	Service							
5		Feb-10	2054.0	6.2%	2199.0	5.9%	4936.6	3.7%
6								
7		Mar-10	2040.6	6.3%	2106.2	6.3%	4575.5	3.8%
8								
9		Apr-10	1392.0	6.3%	1565.7	6.5%	3991.6	3.5%
10								
11		May-10	1914.7	4.6%	1971.9	5.1%	4222.2	3.6%
12								
13		Jun-10	2053.7	3.8%	2220.8	3.9%	4348.0	3.6%
14								
15		Jul-10	2069.4	3.9%	2367.0	3.8%	4380.1	3.0%
16								
17		Aug-10	2092.6	3.8%	2243.2	4.0%	4231.4	3.4%
18								
19		Sep-10	1950.9	3.9%	2085.7	3.9%	4189.0	3.0%
20								
21		Oct-10	1654.4	4.8%	1680.9	5.8%	3942.6	3.3%
22								
23		Nov-10	1319.2	5.6%	1479.7	8.5%	4015.3	3.7%
24								
25		Dec-10	2488.2	6.4%	2557.0	6.2%	5166.4	4.5%
26								
27								
28								
29								
30	Annual Peak:		2937.4 MW		Annual kWh:	9,341,264,116		
31								
32	12 Coincident Peak Average:		1997.3 MW		12 CP Load Factor:	0.534		
33								
34	90% Confidence Interval:		2.3%		Class (NCP) Loed Factor:	0.363		
35								
36	Sum of individual customer maximum demands:		5,491.7 MW		Customer (Billing or Maximum Demand) Load Factor:	0.194		
37								
38								
39								

Supporting Schedules:

Recap Schedules:

SCHEDULE E-17 | LOAD RESEARCH DATA | Page 2 of 5

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording meters, provide actual monthly values for the aforementioned demands and identify such meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	General	Jan-10	228.1	7.3%	270.5	7.3%	504.2	6.2%
4	Service							
5	Non-Demand	Feb-10	166.4	7.5%	208.1	7.2%	476.8	6.3%
6								
7		Mar-10	161.0	7.4%	178.7	7.6%	434.7	6.0%
8								
9		Apr-10	175.5	6.1%	187.3	5.7%	376.4	5.8%
10								
11		May-10	214.7	5.0%	228.1	5.1%	415.6	5.6%
12								
13		Jun-10	226.4	5.3%	249.6	4.8%	440.0	5.3%
14								
15		Jul-10	254.2	4.3%	259.6	5.3%	440.3	5.3%
16								
17		Aug-10	228.3	4.2%	252.8	4.5%	431.4	5.2%
18								
19		Sep-10	203.6	4.9%	221.6	4.7%	408.0	5.7%
20								
21		Oct-10	198.1	5.0%	213.1	4.7%	383.1	5.3%
22								
23		Nov-10	152.0	5.9%	189.6	5.3%	377.8	5.4%
24								
25		Dec-10	188.2	7.5%	230.3	7.4%	475.0	5.9%
26								
27								
28								
29								
30	Annual Peak:		270.5 MW		Annual kWh:	1,057,775,942		
31								
32	12 Coincident Peak Average:		199.7 MW		12 CP Load Factor:	0.605		
33								
34	90% Confidence Interval:		3.7%		Class (NCP) Load Factor:	0.446		
35								
36	Sum of individual customer maximum demands:		504.2 MW		Customer (Billing or Maximum Demand) Load Factor:	0.239		
37								
38								
39								

Supporting Schedules:

Recap Schedules:

SCHEDULE E-17 | LOAD RESEARCH DATA | Page 3 of 5

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording meters, provide actual monthly values for the aforementioned demands and identify such meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	General	Jan-10	1093.5	6.9%	1110.6	7.3%	1631.2	5.6%
4	Service							
5	Demand	Feb-10	916.1	5.3%	1005.3	3.8%	1485.8	4.6%
6								
7		Mar-10	912.9	5.5%	1031.4	4.1%	1452.3	4.4%
8								
9		Apr-10	1065.8	3.6%	1144.1	3.7%	1539.5	4.1%
10								
11		May-10	1198.5	3.2%	1291.1	4.1%	1654.5	4.0%
12								
13		Jun-10	1246.3	3.0%	1327.5	3.6%	1699.3	3.4%
14								
15		Jul-10	1306.4	3.1%	1307.6	3.3%	1633.2	3.5%
16								
17		Aug-10	1274.3	3.1%	1333.8	3.1%	1688.1	3.6%
18								
19		Sep-10	1252.5	3.0%	1327.3	3.3%	1677.3	3.8%
20								
21		Oct-10	1161.8	3.1%	1257.4	3.6%	1588.2	4.0%
22								
23		Nov-10	1047.4	2.9%	1176.5	3.6%	1487.2	3.9%
24								
25		Dec-10	1062.1	6.7%	1090.9	6.9%	1529.2	4.8%
26								
27								
28								
29								
30	Annual Peak:		1333.8 MW		Annual kWh:	7,570,722,915		
31								
32	12 Coincident Peak Average:		1128.1 MW		12 CP Load Factor:	0.766		
33								
34	90% Confidence Interval:		3.1%		Class (NCP) Load Factor:	0.648		
35								
36	Sum of individual customer maximum demands:		1,699.3 MW		Customer (Billing or Maximum Demand) Load Factor:	0.509		
37								
38								
39								

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording meters, provide actual monthly values for the aforementioned demands and identify such meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	Interruptible	Jan-10	117.1	na	187.1	na	283.5	na
4	Service							
5		Feb-10	156.3	na	203.1	na	297.4	na
6								
7		Mar-10	142.5	na	213.1	na	298.8	na
8								
9		Apr-10	152.2	na	206.7	na	326.5	na
10								
11		May-10	172.6	na	207.7	na	296.8	na
12								
13		Jun-10	153.3	na	206.4	na	301.0	na
14								
15		Jul-10	186.2	na	186.2	na	312.5	na
16								
17		Aug-10	132.4	na	160.5	na	299.3	na
18								
19		Sep-10	110.6	na	158.1	na	302.5	na
20								
21		Oct-10	126.9	na	186.9	na	260.4	na
22								
23		Nov-10	145.8	na	168.5	na	280.0	na
24								
25		Dec-10	174.0	na	190.7	na	324.6	na
26								
27								
28								
29								
30	Annual Peak:		213.1 MW		Annual kWh:	1,212,986,978		
31								
32	12 Coincident Peak Average:		147.5 MW		12 CP Load Factor:	0.939		
33								
34	90% Confidence Interval:		na		Class (NCP) Load Factor:	0.650		
35								
36	Sum of individual customer maximum demands:		326.5 MW		Customer (Billing or Maximum Demand) Load Factor:	0.424		
37								
38								
39								

Supporting Schedules:

Recap Schedules:

SCHEDULE E-17 | LOAD RESEARCH DATA | Page 5 of 5

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: For each rate class that is not 100% metered by time recording meters, provide the estimated historic value and 90% confidence interval by month from the latest load research for (1) contribution to monthly system peaks (coincident), (2) monthly research for (1) contribution to monthly system peaks (coincident), (2) monthly (billing demand for demand classes). For classes that are 100% metered with time recording meters, provide actual monthly values for the aforementioned demands and identify such meters, provide actual monthly values for the aforementioned demands and identify such NCP Load Factor and the Customer Load Factor for each class.

Type of data shown:
Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line	Rate	Month and Year	Estimated Coincident Peak	90% Confidence Interval	Estimated Non coincident (Class) Peak	90% Confidence Interval	Estimated Customer Maximum Demand	90% Confidence Interval
1								
2								
3	Street &	Jan-10	6.4	na	52.0	na	52.0	na
4	Outdoor Light							
5	Service	Feb-10	4.2	na	51.4	na	51.4	na
6								
7		Mar-10	4.2	na	51.1	na	51.1	na
8								
9		Apr-10	0.0	na	51.0	na	51.0	na
10								
11		May-10	0.0	na	51.0	na	51.0	na
12								
13		Jun-10	0.0	na	50.2	na	50.2	na
14								
15		Jul-10	0.0	na	50.3	na	50.3	na
16								
17		Aug-10	0.0	na	50.2	na	50.2	na
18								
19		Sep-10	0.0	na	49.5	na	49.5	na
20								
21		Oct-10	0.0	na	49.6	na	49.6	na
22								
23		Nov-10	4.2	na	49.7	na	49.7	na
24								
25		Dec-10	4.2	na	49.5	na	49.5	na
26								
27								
28								
29								
30	Annual Peak:		52.0 MW		Annual kWh:		213,063,926	
31								
32	12 Coincident Peak Average:		1.9 MW		12 CP Load Factor:		12.801	
33								
34	90% Confidence Interval:		na		Class (NCP) Load Factor:		0.468	
35								
36	Sum of individual customer maximum demands:		52.0 MW		Customer (Billing or Maximum Demand) Load Factor:		0.468	
37								
38								
39								

Supporting Schedules:

Recap Schedules:

SCHEDULE E-18 | MONTHLY PEAKS | Page 1 of 2

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide monthly peaks for the test year and the five previous years.

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

Type of data shown:
XX Projected Test Year Ended 12/31/2014
XX Projected Prior Year Ended 12/31/2013
XX Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line No.	Month & Year	Total Retail Peak (MW)	Day of Week	Day of Month	Hour	Actual (A) or Estimated (E)
1						
2	Jan-09	4080	Thursday	22	800	(A)
3	Feb-09	3973	Friday	6	800	(A)
4	Mar-09	3058	Tuesday	3	800	(A)
5	Apr-09	3133	Wednesday	1	1800	(A)
6	May-09	3545	Monday	11	1700	(A)
7	Jun-09	4015	Monday	22	1600	(A)
8	Jul-09	3796	Wednesday	29	1700	(A)
9	Aug-09	3810	Thursday	20	1700	(A)
10	Sep-09	3708	Monday	21	1700	(A)
11	Oct-09	3741	Friday	9	1700	(A)
12	Nov-09	2920	Sunday	1	1500	(A)
13	Dec-09	2795	Monday	14	1900	(A)
14	Jan-10	4512	Monday	11	800	(A)
15	Feb-10	3447	Friday	26	800	(A)
16	Mar-10	3305	Friday	5	800	(A)
17	Apr-10	2909	Friday	23	1700	(A)
18	May-10	3649	Monday	3	1700	(A)
19	Jun-10	3917	Monday	14	1700	(A)
20	Jul-10	3912	Wednesday	28	1500	(A)
21	Aug-10	3908	Thursday	19	1700	(A)
22	Sep-10	3702	Monday	13	1700	(A)
23	Oct-10	3366	Wednesday	27	1700	(A)
24	Nov-10	2869	Wednesday	3	1800	(A)
25	Dec-10	4037	Wednesday	15	800	(A)
26	Jan-11	3812	Thursday	13	800	(A)
27	Feb-11	2940	Monday	14	800	(A)
28	Mar-11	2697	Wednesday	30	1600	(A)
29	Apr-11	3420	Thursday	28	1600	(A)
30	May-11	3572	Monday	23	1700	(A)
31	Jun-11	3889	Tuesday	21	1600	(A)
32	Jul-11	3768	Friday	29	1700	(A)
33	Aug-11	3931	Friday	12	1700	(A)
34	Sep-11	3618	Tuesday	20	1700	(A)
35	Oct-11	3067	Wednesday	12	1700	(A)
36	Nov-11	2817	Wednesday	16	1600	(A)
37	Dec-11	2455	Tuesday	6	1900	(A)
38						
39						

Supporting Schedules:

Recap Schedules:

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 12/31/2014
XX Projected Prior Year Ended 12/31/2013
XX Historical Prior Year Ended 12/31/2012

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

Witness: L.L. Cifuentes

Line No.	Month & Year	Total Retail Peak (MW)	Day of Week	Day of Month	Hour	Actual (A) or Estimated (E)
1						
2	Jan-12	3517	Wednesday	4	800	(A)
3	Feb-12	3378	Monday	13	800	(A)
4	Mar-12	2932	Friday	23	1800	(A)
5	Apr-12	3152	Tuesday	3	1800	(A)
6	May-12	3645	Thursday	24	1700	(A)
7	Jun-12	3758	Tuesday	12	1700	(A)
8	Jul-12	3774	Friday	20	1700	(A)
9	Aug-12	3892	Thursday	9	1700	(A)
10	Sep-12	3670	Tuesday	4	1700	(A)
11	Oct-12	3480	Thursday	4	1600	(A)
12	Nov-12	2500	Monday	12	1900	(A)
13	Dec-12	2606	Tuesday	10	1900	(A)
14	Jan-13	3970	NA	NA	NA	(E)
15	Feb-13	3381	NA	NA	NA	(E)
16	Mar-13	3041	NA	NA	NA	(E)
17	Apr-13	3080	NA	NA	NA	(E)
18	May-13	3467	NA	NA	NA	(E)
19	Jun-13	3716	NA	NA	NA	(E)
20	Jul-13	3830	NA	NA	NA	(E)
21	Aug-13	3893	NA	NA	NA	(E)
22	Sep-13	3706	NA	NA	NA	(E)
23	Oct-13	3389	NA	NA	NA	(E)
24	Nov-13	2917	NA	NA	NA	(E)
25	Dec-13	3181	NA	NA	NA	(E)
26	Jan-14	3999	NA	NA	NA	(E)
27	Feb-14	3405	NA	NA	NA	(E)
28	Mar-14	3064	NA	NA	NA	(E)
29	Apr-14	3104	NA	NA	NA	(E)
30	May-14	3495	NA	NA	NA	(E)
31	Jun-14	3749	NA	NA	NA	(E)
32	Jul-14	3864	NA	NA	NA	(E)
33	Aug-14	3928	NA	NA	NA	(E)
34	Sep-14	3740	NA	NA	NA	(E)
35	Oct-14	3421	NA	NA	NA	(E)
36	Nov-14	2948	NA	NA	NA	(E)
37	Dec-14	3215	NA	NA	NA	(E)
38						
39						

Supporting Schedules:

Recap Schedules:

SCHEDULE E-19a | DEMAND AND ENERGY LOSSES | Page 1 of 2

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

EXPLANATION: Provide estimates of demand and energy losses for transmission and distribution system components and explain the methodology used in determining losses.

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

Line No.		Annual MWH Energy Losses	Demand Losses by Component-MW Winter Peak	Summer Peak	Avg 12 CP
1					
2	Transmission System				
3	Generator Step-up Transformers	35,870	11.94	11.60	9.70
4	Transmission Lines 230 & 138 kV	104,251	44.19	42.96	35.90
5	Transmission Lines 69 kV	76,665	32.50	31.59	26.40
6	Transmission Transformers	32,627	10.27	9.98	8.34
7		249,413	98.89	96.12	80.34
8					
9	Distribution System				
10	Distribution Substation Transformers	82,677	24.45	23.63	19.05
11	Distribution Primary Lines	276,263	94.18	91.01	73.36
12	Distribution Line Transformers	286,020	62.13	60.58	51.95
13	Distribution Secondary Lines	82,043	27.87	27.17	23.30
14		727,003	208.63	202.38	167.65
15					
16	Total	976,416	307.52	298.51	247.99
17					
18					
19					
20					
21					
22					
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Supporting Schedules:

Recap Schedules:

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 and distribution system components and explain the methodology used in determining losses.	Type of data shown: XX Projected Test Year Ended 12/31/2014
COMPANY: TAMPA ELECTRIC COMPANY		Projected Prior Year Ended 12/31/2013
DOCKET No. 130040-EI		Historical Prior Year Ended 12/31/2012 Witness: L.L. Cifuentes

Line No.

Development of demand and energy losses for transmission and distribution system components.

a. Demand Losses:

Demand losses occur at a particular "snapshot" in time and are composed of load losses and no-load losses, sometimes referred to as copper and core losses. Load losses result from current flowing through the resistance of transmission and distribution lines and transformers, and is expressed mathematically as I^2R where I = current and R= resistance. No-load losses consist of hysteresis and eddy current losses arising from changing flux densities in the iron core of transformers and are present whenever the transformer is energized, whether or not it is carrying load.

b. Energy Losses:

Energy losses are average demand losses that occur each hour over a period of time, in this study, one year. Since it is not practical to calculate the demand load losses each hour for 8,760 hours, approximate methods are used. Demand losses can be calculated at specific load levels of a load duration curve. The weighted sum of the losses at these load levels yields the average demand load loss, which then can be multiplied by the number of hours in a year, (8,760) to arrive at the energy losses. The no-load demand losses are the same for each hour, thus the energy loss calculation is straightforward.

c. Transmission Losses Methodology:

Load flow models utilizing the PSSE program were created to calculate the transmission system load losses. Detailed system models are created for the TEC and FRCC transmission systems. The models are initially created with forecasted system loads at peak and at 10% increments from 100% to 30%. Once the actual yearly peak load has occurred, the results of the forecasted models are scaled up or down to reflect actual load and system losses at various levels. Demand load losses were then obtained for the peak case and each off-peak case for each of the components of the transmission system. The system load duration curve was then applied to the demand results to arrive at the energy losses.

d. Distribution Losses Methodology:

A distribution system modeling utilizing the SynerGee program was used to calculate the losses on the distribution system. Distribution losses are divided into four categories: substation transformers, primary lines, line transformers and secondary lines . Loss calculations for line transformers and secondary lines were based on manufacturer's data utliizing system average calculations. Because of the extremely large quantity of line transformers and secondary lines in service, no attempt was made to model and analyze these individually. Manufacturer's data for distribution line transformers was analyzed to determine an approximate percent loss at peak load for both load and no - load losses. Similarly, for secondary line losses, various lengths of secondary cable were analyzed to determine the approximate percent loss at peak load. These values were calculated as part of a study done by Distribution Engineering.

Supporting Schedules: Recap Schedules:

SCHEDULE E-19b | ENERGY LOSSES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Show energy losses by rate schedule for the test year and explain the methodology and assumptions used in determining these losses.

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 080317-EI

Line No.	Rate Schedule	(1) MWH Energy at Generation	(2) Billed & Unbilled MWH Sales at Meter	(3) Losses and Company Use MWH	(3) Losses and Company Use %	(4) Delivered Efficiency (2) / (1)	(5) MWH Company Use	(6) MWH System Losses
1	RESIDENTIAL							
2	SECONDARY	9,045,559	8,561,009	484,550	5.4%	94.6%	15,438	469,112
3								
4	GS & TS							
5	SEM/SES	1,082,252	1,024,278	57,974	5.4%	94.6%	1,847	56,127
6	SEM/PRS	9	8	0	5.4%	94.6%	0	0
7	PRM/SES	310	300	10	3.2%	96.8%	1	9
8	PRM/PRS	328	317	11	3.2%	96.8%	1	10
9	PRM/SUS	43	42	1	3.2%	96.8%	0	1
10	SUBTOTAL	1,082,941	1,024,945	57,996	5.4%	94.6%	1,848	56,148
11								
12	GSD							
13	SEM/SES	6,772,551	6,409,761	362,790	5.4%	94.6%	11,558	351,232
14	SEM/PRS	4,987	4,720	267	5.4%	94.6%	9	259
15	PRM/SES	164,525	159,247	5,279	3.2%	96.8%	281	4,998
16	PRM/PRS	1,142,312	1,105,660	36,652	3.2%	96.8%	1,950	34,703
17	PRM/SUS	3,618	3,502	116	3.2%	96.8%	6	110
18	SUM/PRS	1,215	1,200	16	1.3%	98.7%	2	14
19	SUM/SUS	5,659	5,586	73	1.3%	98.7%	10	63
20	SUBTOTAL	8,094,868	7,689,675	405,193	5.0%	95.0%	13,815	391,378
21								
22	IS							
23	PRM/PRS	248,131	240,170	7,962	3.2%	96.8%	423	7,538
24	SUM/SUS	637,160	628,948	8,213	1.3%	98.7%	1,087	7,125
25	SUBTOTAL	885,291	869,117	16,174	1.8%	98.2%	1,511	14,663
26								
27	SL/OL							
28	SECONDARY	233,401	220,898	12,503	5.4%	94.6%	398	12,104
29								
30	TOTAL							
31	SEM/SES	17,133,763	16,215,946	917,817	5.4%	94.6%	29,241	888,575
32	SEM/PRS	4,996	4,729	268	5.4%	94.6%	9	259
33	PRM/SES	164,835	159,546	5,289	3.2%	96.8%	281	5,008
34	PRM/PRS	1,390,771	1,346,147	44,624	3.2%	96.8%	2,374	42,251
35	PRM/SUS	3,661	3,544	117	3.2%	96.8%	6	111
36	SUM/PRS	1,215	1,200	16	1.3%	98.7%	2	14
37	SUM/SUS	642,819	634,534	8,285	1.3%	98.7%	1,097	7,188
38	TOTAL	19,342,061	18,365,645	976,416	5.0%	95.0%	33,010	943,406
39								
40	The methodology and assumptions for determining losses are detailed in Schedule E-19a.							
41	Company use is allocated on the basis of energy at the generator.							

Supporting Schedules:

Recap Schedules:

SCHEDULE E-19c | DEMAND LOSSES | Page 1 of 1

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Show maximum demand losses by rate schedule for the test year and explain the methodology and assumptions used in determining losses.

Type of data shown:
XX Projected Test Year Ended 12/31/2014
Projected Prior Year Ended 12/31/2013
Historical Prior Year Ended 12/31/2012
Witness: L.L. Cifuentes

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

Line No.	Rate Schedule	(1) 12 Month Average Coincident Demand At Generation (MW)	(2) 12 Month Average Coincident Peak At The Meter (MW)	(3) Total Losses MW (1) - (2)	(4) Percent Losses	(5) System Losses Including Company Use
1	RESIDENTIAL					
2	SECONDARY	1,936.4	1,794.1	142.3	7.3%	142.3
3						
4	GS & TS					
5	SEM/SES	212.7	197.1	15.6	7.3%	15.6
6	SEM/PRS	-	-	-	-	-
7	PRM/SES	0.0	0.0	0.0	5.0%	0.0
8	PRM/PRS	0.0	0.0	0.0	5.0%	0.0
9	PRM/SUS	0.0	0.0	0.0	5.0%	0.0
10	SUBTOTAL	212.8	197.2	15.6	7.3%	15.6
11						
12	GSD					
13	SEM/SES	1,072.7	994.4	78.4	7.3%	78.4
14	SEM/PRS	0.7	0.7	0.1	7.3%	0.1
15	PRM/SES	18.1	17.2	0.9	5.0%	0.9
16	PRM/PRS	159.3	151.4	7.9	5.0%	7.9
17	PRM/SUS	0.5	0.4	0.0	5.0%	0.0
18	SUM/PRS	0.1	0.1	0.0	2.3%	0.0
19	SUM/SUS	0.0	0.0	0.0	2.3%	0.0
20	SUBTOTAL	1,251.5	1,164.2	87.3	7.0%	87.3
21						
22	IS					
23	PRM/PRS	22.7	21.5	1.1	4.9%	1.1
24	SUM/SUS	67.7	66.2	1.5	2.3%	1.5
25	SUBTOTAL	90.4	87.7	2.7	2.9%	2.7
26						
27	SL/OL					
28	SECONDARY	3.3	3.1	0.2	7.3%	0.2
29						
30	TOTAL					
31	SEM/SES	3,225.1	2,988.7	236.4	7.3%	236.4
32	SEM/PRS	0.7	0.7	0.1	7.3%	0.1
33	PRM/SES	18.1	17.2	0.9	5.0%	0.9
34	PRM/PRS	182.0	173.0	9.0	5.0%	9.0
35	PRM/SUS	0.5	0.4	0.0	5.0%	0.0
36	SUM/PRS	0.1	0.1	0.0	2.3%	0.0
37	SUM/SUS	67.8	66.2	1.5	2.3%	1.5
38	TOTAL	3,494.3	3,246.3	248.0	7.1%	248.0
39						
40	The methodology and assumptions for determining losses are detailed in Schedule E-19a.					
41						

Supporting Schedules:

Recap Schedules: