

# AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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

April 23, 2013

HAND DELIVERED

Ms. Ann Cole, Director  
Office of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

RECEIVED-FPSC  
13 APR 23 PM 3:38  
COMMISSION  
CLERK

Re: Petition for Rate Increase by Tampa Electric Company  
FPSC Docket No. 130040-EI

Dear Ms. Cole:

Enclosed for filing in the above docket, on behalf of Tampa Electric Company, are the original and twenty (20) copies of each of the following:

1. Synopsis of Tampa Electric's Rate Request.
2. Revised pages 51, 53, and 54 of William R. Ashburn's Direct Testimony and Bates page 67 of his Exhibit WRA-1.
3. Revised Bates page 35 of Sandra W. Callahan's Exhibit SWC-1.
4. Revised page 28 of Mark J. Hornick's Direct Testimony and Bates page 46 of his Exhibit MJH-1.
5. Revised page 33 of S. Beth Young's Direct Testimony.

We would appreciate your distributing the revised Direct Testimony and Exhibit pages to the recipients of the initial filing so that they may substitute them in place of the original pages.

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

COM 5 (Revised testimony only) Sincerely,

AFD 2

APA 2

ECD 6


ENG 1

GCL 3

IDM \_\_\_\_\_

TEL \_\_\_\_\_

CLK 1-Ct App (Revised testimony only)

  
James D. Beasley

JDB/pp  
Enclosures

DOCUMENT NUMBER-DATE

02125 APR 23 2013

FPSC-COMMISSION CLERK

cc: Martha Barrera/Martha Brown (w/encls.)  
J. R. Kelly (w/encls.)  
Jon C. Moyle, Jr. (w/encls.)  
Robert Scheffel Wright (w/encls.)

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



**SYNOPSIS OF RATE REQUEST**

THIS DOCUMENT IS PROVIDED BY TAMPA ELECTRIC PURSUANT TO THE  
REQUIREMENTS OF RULE 25-22.0406, FLORIDA ADMINISTRATIVE CODE,  
NOTICE AND PUBLIC INFORMATION ON GENERAL RATE INCREASE REQUESTS

DOCUMENT NUMBER-DATE

02125 APR 23 02

FPSC-COMMISSION CLERK

## **SUMMARY OF RATE CASE**

On April 5, 2013 Tampa Electric Company ("Tampa Electric" or the "company") petitioned the Florida Public Service Commission (the "Commission") for an increase in its permanent base rates and miscellaneous service charges. The company's last request for a base rate increase was filed in 2008.

The Commission, under Florida law, regulates the rates, miscellaneous service charges and service provided by Florida investor-owned utilities. The case has been assigned Docket No. 130040-EI by the Commission.

The requested increase is needed primarily to cover the incremental cost of capital funding and the related depreciation expense associated with generating, transmission and distribution facilities needed by the company to provide safe, reliable and efficient electric service to its customers. These incremental costs, coupled with increasing operating and maintenance expenses and a slower than anticipated economic recovery, are the main drivers behind the company's rate request. Tampa Electric has requested a \$134.8 million increase in base revenues and miscellaneous service revenues.

A more complete description of Tampa Electric's request is provided in the petition and direct testimony of Tampa Electric witnesses and the detailed data supporting the request is contained in the Minimum Filing Requirements (MFRs), all of which were submitted to the Commission in the proceeding. The Executive Summary ("A" Schedules) of the MFRs is included in the appendix at the end of this synopsis. A bill comparison showing typical monthly bills is contained on page two.

A copy of Tampa Electric's entire rate request filing with the Commission, including a complete set of MFRs, is available for inspection at TECO Energy Plaza in downtown Tampa at 702 North Franklin Street, online at [www.tampaelectric.com/rateschanges](http://www.tampaelectric.com/rateschanges), at the main Hillsborough County library, the John F. Germany Public Library at 900 North Ashley Street and at the Winter Haven library, the Kathryn L. Smith Memorial at 325 Avenue A North West.

## COMPARISON OF BILLS

Under Tampa Electric's proposal, the following customer classes would receive bill increases when the proposed new rates are put into effect on and after the first cycle billing period in January 2014.

The Residential Service monthly bill for 1,000 kWh of \$102.58 would increase to \$112.99 for a 10.1 percent increase.

The small commercial General Service monthly 3,000 kWh bill of \$306.74 would increase to \$330.98 for a 7.9 percent increase.

The monthly bill for typical secondary voltage, commercial General Service Demand customer with 500 KW demand, 219,000 kWh and a 60 percent load factor would increase 6.0 percent from the present \$18,444.95 to \$19,547.06.

The monthly bill for a typical primary voltage, large industrial General Service Demand customer with 1,000 KW demand, 438,000 kWh and a 60 percent load factor would increase 6.0 percent from the present \$35,932.84 to \$38,071.43.

The current bills are calculated using fuel, conservation, environmental and capacity charges proposed to be in effect for January through December 2013 and the current base rate charges. The proposed bills are calculated using fuel, conservation, environmental and capacity charges proposed for January through December 2013 adjusted for the proposed base rate changes.

## **MAJOR RATE CASE ISSUES**

It is not possible to anticipate at the start of a general base rate case all the issues that may arise, but potential major revenue requirement issues involved in the case could include:

- Are the company's test year customer, demand and energy forecasts reasonable?
- What should be value of the company's test year investment in rate base?
- What should be the company's test year operating revenues?
- What should be the company's test year operating expenses?
- What should be the company's test year overall rate of return?
- What should be the company's test year allowed rate of return on equity?
- What will be the company's test year revenue deficiency?
- What is the appropriate cost of service methodology to use in designing rates?
- What will be the appropriate rate levels for each customer class of service?
- What will be the appropriate charge for each miscellaneous service?

The specific issues in the case will be identified in a prehearing order issued prior to the hearing.

## THE RATE CASE PROCESS

All public utilities, as defined in Chapter 366.02, Florida Statutes, must petition the Florida Public Service Commission ("the Commission") to increase their rates to retail customers. After the filing of the request, the Commission has eight months to conduct the case. The filing to request a base rate increase consists of the petition, direct testimony and exhibits from company witnesses and the Minimum Filing Requirements (MFRs), which are an extensive set of documents containing detailed data in support of the rate increase. This information is distributed to Commissioners, the Commission staff, the Office of Public Counsel and other parties who intervene in the case.

After the filing is made, the discovery process begins. During the process, the utility responds to requests for information (interrogatories) and production of document requests from the Commission staff and the parties (intervenors) to the case. The Commission staff performs a field audit of the company's filed data to ensure compliance with Commission rules and accuracy of the information provided. Formal depositions (interviews) with company witnesses may also be conducted to gather information and better identify issues.

Intervenors in the case often present their own witnesses, testimony and exhibits in response to the company's filing. They use the company's initial filing materials, as well as discovery responses from the company, as a basis for the positions they take in the case. The parties, their witnesses, testimony and exhibits are subject to discovery as well. The company will then have the opportunity to present rebuttal testimony and exhibits to any intervenors who file testimony.

Toward the end of the discovery process and just before the technical hearing commences, the company, staff and intervenors prepare issue lists and preliminary positions for the case. These lists of issues are then combined and narrowed in a Prehearing Order in an effort to help the Commission focus on the important facets of the case during the hearing. In the following paragraphs, the Commission schedule for Tampa Electric's case is discussed. The dates listed are tentative and subject to revision.

Public hearings will be held in Tampa Electric's service territory in order to provide customers the opportunity to voice their views to the Commission prior to the full hearing.

Persons who wish to present testimony are urged to appear at the beginning of the hearing since the hearing may be adjourned early if no witnesses are present to testify. This hearing will enable customers to express their views regarding the company's rate request, which the Commission takes into account when ruling on the case.

Public Counsel has intervened in this docket and will be present at the service hearings to represent the public. He may be contacted prior to the hearing at 111 West Madison Street, Suite 812, Claude Pepper Building, Tallahassee, Florida 32399-1400, or by phone at (800) 342-0222.

The final hearing will be held in the Betty Easley Conference Center, Room 148, located at 4075 Esplanade Way in Tallahassee, Florida. At this hearing, the legal "record" is further established for deciding the case through direct, rebuttal and cross examination testimony and the introduction of exhibits and other relevant evidence.

After the hearing, legal briefs are filed by the parties to summarize their positions. The Commission staff reviews the briefs and the record produced at the hearing, and then produces a recommendation to the Commission that addresses each issue identified in the case.

The Commission then holds Special Agenda Conference and votes on the issues, first on revenue requirements issues and then on rate issues. After the votes, Commission attorneys prepare a final order that reflects the Commission's votes and provides background for the case, the basis for each of the decisions reached, the new approved rates, and the effective dates of the new rates. After the Commission order is issued, parties will have an opportunity to ask the Commission to reconsider its decision on the issues.



## **RATE CASE TIME SCHEDULE**

Below is a tentative schedule of Tampa Electric's rate case established by the PSC as of April 10, 2013.

<b>Activity</b>	<b>Date</b>
Petition, MFRs and company Direct Testimony Filed	April 5, 2013
Agenda – Suspension of Rates	May 14, 2013
Standard Order – Suspension	June 3, 2013
Service Hearing (Tampa)	May 29, 2013
Service Hearing (Winter Haven)	May 30, 2013
Testimony – Intervenor	July 15, 2013
Testimony – Staff	July 31, 2013
Testimony – Rebuttal	August 15, 2013
Prehearing Statements	August 19, 2013
Prehearing Conference	August 26, 2013
Hearing	September 9, 10, 11, 16 & 17, 2013
Briefs Due	October 1, 2013
Staff Recommendation – Rev. Req. & Rate Issues	November 1, 2013
Agenda – Rev. Req. & Rate Issues	November 13, 2013
Staff Recommendation – Rate Design Issues	November 25, 2013
Agenda – Rate Design Issues	December 3, 2013
8-Month Deadline	December 5, 2013
Standard Order	December 20, 2013

**NOTE: THIS SCHEDULE IS TENTATIVE AND SUBJECT TO REVISION.**

# **APPENDIX**

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the requested full revenue requirements increase.

Type of data shown:

COMPANY: TAMPA ELECTRIC COMPANY

XX Projected Test Year Ended 12/31/2014  
 Projected Prior Year Ended 12/31/2013  
 Historical Prior Year Ended 12/31/2012  
 Witness: J. S. Chronister

DOCKET No. 130040-EI

Line No.	(1) Description	(2) Source	(3) Amount (000)
1			
2			
3	Jurisdictional Adjusted Rate Base	Schedule B-1	\$ 4,339,974
4			
5	Rate of Return on Rate Base Requested	Schedule D-1a	6.74%
6			
7	Jurisdictional Net Operating Income Requested	Line 3 x Line 5	292,514
8			
9	Jurisdictional Adjusted Net Operating Income	Schedule C-1	209,901
10			
11	Net Operating Income Deficiency (Excess)	Line 7 - Line 9	82,613
12			
13	Earned Rate of Return	Line 9/Line 3	4.84%
14			
15	Net Operating Income Multiplier	Schedule C-44	1.63220
16			
17	Revenue Increase (Decrease) Requested	Line 11 x Line 15	\$ 134,841
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
38			
37			
38			
39			
40			
41			

FLORIDA PUBLIC SERVICE COMMISSION

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

Type of date shown.

COMPANY: TAMPA ELECTRIC COMPANY

RS - RESIDENTIAL SERVICE

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

DOCKET No. 130040-EI

RATE SCHEDULE		BILL UNDER PRESENT RATES								BILL UNDER PROPOSED RATES						INCREASE		COSTS IN CENTS/KWH		
Line No	RS		(3) BASE RATE	(4) FUEL CHARGE	(5) ECCR CHARGE	(6) CAPACITY CHARGE	(7) ECRC CHARGE	(8) GRT CHARGE	(9) TOTAL	(10) BASE RATE	(11) FUEL CHARGE	(12) ECCR CHARGE	(13) CAPACITY CHARGE	(14) ECRC CHARGE	(15) GRT CHARGE	(16) TOTAL	(17) DOLLARS (16)-(9)	(18) PERCENT (17)/(9)	(18) PRESENT (9)/(2)	(19) PROPOSED (16)/(2)
	(1) TYPICAL KW	(2) KWH																		
1	0	-	\$ 10.50	\$ -	\$ -	\$ -	\$ -	\$ 0.27	\$ 10.77	\$ 15.00	\$ -	\$ -	\$ -	\$ -	\$ 0.38	\$ 15.38	\$ 4.62	42.9%	-	-
2																				
3	0	100	\$ 15.00	\$ 3.37	\$ 0.30	\$ 0.23	\$ 0.56	\$ 0.50	\$ 19.95	\$ 20.08	\$ 3.37	\$ 0.29	\$ 0.22	\$ 0.56	\$ 0.63	\$ 25.15	\$ 5.19	26.0%	19.95	25.15
4																				
5	0	250	\$ 21.74	\$ 8.42	\$ 0.75	\$ 0.58	\$ 1.40	\$ 0.84	\$ 33.72	\$ 27.70	\$ 8.42	\$ 0.73	\$ 0.56	\$ 1.40	\$ 0.99	\$ 39.79	\$ 6.06	18.0%	13.49	15.91
6																				
7	0	500	\$ 32.98	\$ 16.85	\$ 1.49	\$ 1.16	\$ 2.79	\$ 1.42	\$ 56.68	\$ 40.39	\$ 16.85	\$ 1.45	\$ 1.11	\$ 2.79	\$ 1.60	\$ 64.19	\$ 7.51	13.3%	11.34	12.84
8																				
9	0	750	\$ 44.21	\$ 25.27	\$ 2.24	\$ 1.74	\$ 4.19	\$ 1.99	\$ 79.63	\$ 53.09	\$ 25.27	\$ 2.18	\$ 1.67	\$ 4.19	\$ 2.21	\$ 88.59	\$ 8.96	11.3%	10.62	11.81
10																				
11	0	1,000	\$ 55.45	\$ 33.69	\$ 2.98	\$ 2.32	\$ 5.58	\$ 2.56	\$ 102.58	\$ 65.78	\$ 33.69	\$ 2.90	\$ 2.22	\$ 5.58	\$ 2.82	\$ 112.99	\$ 10.41	10.1%	10.26	11.30
12																				
13	0	1,250	\$ 69.19	\$ 44.61	\$ 3.73	\$ 2.90	\$ 6.98	\$ 3.27	\$ 130.67	\$ 80.98	\$ 44.61	\$ 3.63	\$ 2.78	\$ 6.98	\$ 3.56	\$ 142.53	\$ 11.86	9.1%	10.45	11.40
14																				
15	0	1,500	\$ 82.93	\$ 55.54	\$ 4.47	\$ 3.48	\$ 8.37	\$ 3.97	\$ 158.75	\$ 96.17	\$ 55.54	\$ 4.35	\$ 3.33	\$ 8.37	\$ 4.30	\$ 172.06	\$ 13.31	8.4%	10.58	11.47
16																				
17	0	2,000	\$ 110.40	\$ 77.38	\$ 5.96	\$ 4.64	\$ 11.16	\$ 5.37	\$ 214.91	\$ 126.56	\$ 77.38	\$ 5.80	\$ 4.44	\$ 11.16	\$ 5.78	\$ 231.12	\$ 16.21	7.5%	10.75	11.56
18																				
19	0	3,000	\$ 165.35	\$ 121.07	\$ 8.94	\$ 6.96	\$ 16.74	\$ 8.18	\$ 327.24	\$ 187.34	\$ 121.07	\$ 8.70	\$ 6.66	\$ 16.74	\$ 8.73	\$ 349.24	\$ 22.00	6.7%	10.91	11.64
20																				
21	0	5,000	\$ 275.25	\$ 208.45	\$ 14.90	\$ 11.60	\$ 27.90	\$ 13.80	\$ 551.90	\$ 308.90	\$ 208.45	\$ 14.50	\$ 11.10	\$ 27.90	\$ 14.64	\$ 585.49	\$ 33.59	6.1%	11.04	11.71
22																				
23																				
24																				
25																				
26																				
27																				
28																				
29																				
30																				
31																				
32																				
33																				
34																				
35																				
36																				
37																				
38																				
39																				

Note: Present cost recovery clause factors are the approved 2013 factors Proposed factors reflect production cost allocation based on the 12CP and 50%AD method.



FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION

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

Type of data shown:

COMPANY: TAMPAELECTRIC COMPANY

**GSD - GENERAL SERVICE DEMAND**

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

DOCKET No. 130040-EI

RATE SCHEDULE		BILL UNDER PRESENT RATES								BILL UNDER PROPOSED RATES						INCREASE		COSTS IN CENTS/KWH	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
Line No	TYPICAL KW KWH	BASE RATE	FUEL CHARGE	ECCR CHARGE	CAPACITY CHARGE	ECRC CHARGE	GRT CHARGE	TOTAL	BASE RATE	FUEL CHARGE	ECCR CHARGE	CAPACITY CHARGE	ECRC CHARGE	GRT CHARGE	TOTAL	DOLLARS (16)-(9)	PERCENT (17)/(9)	PRESENT (9)/(2)	PROPOSED (16)/(2)
1	75 10,950	\$ 693.63	\$ 407.23	\$ 27.38	\$ 18.94	\$ 60.77	\$ 30.97	\$ 1,238.93	\$ 738.25	\$ 407.23	\$ 28.14	\$ 19.93	\$ 60.77	\$ 32.16	\$ 1,286.48	\$ 47.55	3.8%	11.31	11.75
2	75 19,163	\$ 991.09	\$ 712.65	\$ 79.50	\$ 54.75	\$ 106.35	\$ 49.86	\$ 1,994.20	\$ 1,092.98	\$ 712.65	\$ 80.25	\$ 57.00	\$ 106.16	\$ 52.54	\$ 2,101.59	\$ 107.38	5.4%	10.41	10.97
3	75 32,850	\$ 1,207.77	\$ 1,221.69	\$ 79.50	\$ 54.75	\$ 182.32	\$ 70.41	\$ 2,816.44	\$ 1,343.33	\$ 1,221.69	\$ 80.25	\$ 57.00	\$ 181.99	\$ 73.96	\$ 2,958.21	\$ 141.78	5.0%	8.57	9.01
4	75 49,275	\$ 1,427.13	\$ 1,829.70	\$ 79.50	\$ 54.75	\$ 273.48	\$ 93.96	\$ 3,758.53	\$ 1,585.20	\$ 1,829.70	\$ 80.25	\$ 57.00	\$ 272.98	\$ 98.08	\$ 3,923.22	\$ 164.70	4.4%	7.63	7.96
5																			
6	500 73,000	\$ 4,301.22	\$ 2,714.87	\$ 182.50	\$ 126.29	\$ 405.15	\$ 198.21	\$ 7,928.24	\$ 4,751.64	\$ 2,714.87	\$ 187.61	\$ 132.86	\$ 405.15	\$ 210.05	\$ 8,402.18	\$ 473.95	6.0%	10.86	11.51
7	500 127,750	\$ 6,284.28	\$ 4,751.02	\$ 530.00	\$ 365.00	\$ 709.01	\$ 324.08	\$ 12,963.40	\$ 7,116.55	\$ 4,751.02	\$ 535.00	\$ 380.00	\$ 707.74	\$ 345.90	\$ 13,836.21	\$ 872.81	6.7%	10.15	10.83
8	500 219,000	\$ 7,728.77	\$ 8,144.61	\$ 530.00	\$ 365.00	\$ 1,215.45	\$ 461.12	\$ 18,444.95	\$ 8,785.51	\$ 8,144.61	\$ 535.00	\$ 380.00	\$ 1,213.26	\$ 488.88	\$ 19,547.06	\$ 1,102.10	6.0%	8.42	8.93
9	500 328,500	\$ 9,191.22	\$ 12,198.03	\$ 530.00	\$ 365.00	\$ 1,823.18	\$ 618.14	\$ 24,725.55	\$ 10,398.03	\$ 12,198.03	\$ 535.00	\$ 380.00	\$ 1,819.89	\$ 649.51	\$ 25,980.46	\$ 1,254.90	5.1%	7.53	7.91
10																			
11	2000 292,000	\$ 17,033.88	\$ 10,859.48	\$ 730.00	\$ 505.16	\$ 1,620.60	\$ 788.44	\$ 31,537.56	\$ 18,916.56	\$ 10,859.48	\$ 750.44	\$ 531.44	\$ 1,620.60	\$ 837.91	\$ 33,516.43	\$ 1,978.87	6.3%	10.80	11.48
12	2000 511,000	\$ 24,966.13	\$ 19,004.09	\$ 2,120.00	\$ 1,460.00	\$ 2,836.05	\$ 1,291.95	\$ 51,678.22	\$ 28,376.19	\$ 19,004.09	\$ 2,140.00	\$ 1,520.00	\$ 2,830.94	\$ 1,381.31	\$ 55,252.53	\$ 3,574.31	6.9%	10.11	10.81
13	2000 876,000	\$ 30,744.08	\$ 32,578.44	\$ 2,120.00	\$ 1,460.00	\$ 4,861.80	\$ 1,840.11	\$ 73,604.43	\$ 35,052.04	\$ 32,578.44	\$ 2,140.00	\$ 1,520.00	\$ 4,853.04	\$ 1,952.40	\$ 78,095.92	\$ 4,491.49	6.1%	8.40	8.92
14	2000 1,314,000	\$ 36,593.86	\$ 48,792.11	\$ 2,120.00	\$ 1,460.00	\$ 7,292.70	\$ 2,468.17	\$ 98,726.83	\$ 41,502.12	\$ 48,792.11	\$ 2,140.00	\$ 1,520.00	\$ 7,279.56	\$ 2,595.74	\$ 103,829.52	\$ 5,102.68	5.2%	7.51	7.90

	PRESENT				PROPOSED			
	GSD	GSDT	GSD OPT.	GSD	GSDT	GSD OPT.	GSD OPT.	
19	CUSTOMER CHARGE	57.00	57.00 \$/BH	57.00	57.00	57.00 \$/BH	30.00 \$/BH	
20	DEMAND CHARGE	8.41	- \$/KW	- \$/KW	9.50	- \$/KW	- \$/KW	
21	BILLING	-	2.84 \$/KW	- \$/KW	-	3.23 \$/KW	- \$/KW	
22	PEAK	-	5.57 \$/KW	- \$/KW	-	6.27 \$/KW	- \$/KW	
23	ENERGY CHARGE	1.583	- \$/KWH	5.614 \$/KWH	1.829	- \$/KWH	6.468 \$/KWH	
24	ON-PEAK	-	2.898 \$/KWH	- \$/KWH	-	3.999 \$/KWH	- \$/KWH	
25	OFF-PEAK	-	1.046 \$/KWH	- \$/KWH	-	0.960 \$/KWH	- \$/KWH	
26	FUEL CHARGE	3.719	- \$/KWH	3.719 \$/KWH	3.719	- \$/KWH	3.719 \$/KWH	
27	ON-PEAK	-	3.861 \$/KWH	- \$/KWH	-	3.861 \$/KWH	- \$/KWH	
28	OFF-PEAK	-	3.664 \$/KWH	- \$/KWH	-	3.664 \$/KWH	- \$/KWH	
29	CONSERVATION CHARGE	1.06	1.06 \$/KW	0.250 \$/KWH	1.07	1.07 \$/KW	0.257 \$/KWH	
30	CAPACITY CHARGE	0.73	0.73 \$/KW	0.173 \$/KWH	0.76	0.76 \$/KW	0.182 \$/KWH	
31	ENVIRONMENTAL CHARGE	0.555	0.555 \$/KWH	0.555 \$/KWH	0.554	0.554 \$/KWH	0.555 \$/KWH	

- Notes:
- 34 A. The kWh for each kW group is based on 20, 35, 60, and 90% load factors (LF)
  - 35 B. Charges at 20% LF are based on the GSD Option rate; 35% and 60% LF charges are based on the standard rate; and 90% LF charges are based on the TOD rate.
  - 36 C. All calculations assume meter and service at secondary voltage
  - 37 D. TOD energy charges assume 25/75 on/off-peak % for 90% LF. Peak demand to billing demand ratios are assumed to be 99% at 90% LF.
  - 38 E. Present cost recovery clause factors are the approved 2013 factors Proposed factors reflect production cost allocation based on the 12CP and 50%AD method.

11

FLORIDA PUBLIC SERVICE COMMISSION

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

Type of data shown:

COMPANY: TAMPA ELECTRIC COMPANY

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

IS - INTERRUPTIBLE SERVICE

DOCKET No. 130040-EI

RATE SCHEDULE

IS-1

Line No.	(1) TYPICAL KW	(2) KWH	BILL UNDER PRESENT RATES								BILL UNDER PROPOSED RATES								INCREASE		COSTS IN CENTS/KWH	
			(3) BASE RATE	(4) FUEL CHARGE	(5) CCV CREDIT	(6) ECCR CHARGE	(7) CAPACITY CHARGE	(8) ECRC CHARGE	(9) GRT CHARGE	(10) TOTAL	(11) BASE RATE	(12) CCV CREDIT	(13) FUEL CHARGE	(14) ECCR CHARGE	(15) CAPACITY CHARGE	(16) ECRC CHARGE	(17) GRT CHARGE	(18) TOTAL	(19) DOLLARS (16)-(9)	(20) PERCENT (17)/(9)	(21) PRESENT (9)/(2)	(22) FINAL (16)/(2)
1	500	127,750	\$ 4,546	\$ 4,703.76	\$ (1,718.50)	\$ 460.00	\$ 300.00	\$ 689.85	\$ 230	\$ 9,211	\$ 6,750	\$ (1,701.32)	\$ 4,703.76	\$ 530.00	\$ 375.00	\$ 701.36	\$ 291.24	\$ 11,649.71	\$ 2,438	26.5%	7.21	9.12
2	500	219,000	\$ 6,631	\$ 8,063.58	\$ (2,946.00)	\$ 460.00	\$ 300.00	\$ 1,182.60	\$ 356	\$ 14,247	\$ 8,402	\$ (2,916.54)	\$ 8,063.58	\$ 530.00	\$ 375.00	\$ 1,202.31	\$ 401.44	\$ 16,057.75	\$ 1,811	12.7%	6.51	7.33
3	500	328,500	\$ 9,573	\$ 12,074.84	\$ (4,419.00)	\$ 460.00	\$ 300.00	\$ 1,773.90	\$ 507	\$ 20,269	\$ 9,998	\$ (4,374.81)	\$ 12,074.84	\$ 530.00	\$ 375.00	\$ 1,803.47	\$ 523.25	\$ 20,930.09	\$ 661	3.3%	6.17	6.37
4																						
5	1,000	255,500	\$ 8,470	\$ 9,407.51	\$ (3,437.00)	\$ 920.00	\$ 600.00	\$ 1,379.70	\$ 445	\$ 17,785	\$ 13,369	\$ (3,402.63)	\$ 9,407.51	\$ 1,060.00	\$ 750.00	\$ 1,402.70	\$ 579.15	\$ 23,166.09	\$ 5,382	30.3%	6.96	9.07
6	1,000	438,000	\$ 13,040	\$ 16,127.16	\$ (5,892.00)	\$ 920.00	\$ 600.00	\$ 2,365.20	\$ 696	\$ 27,856	\$ 16,674	\$ (5,833.08)	\$ 16,127.16	\$ 1,060.00	\$ 750.00	\$ 2,404.62	\$ 799.55	\$ 31,982.16	\$ 4,126	14.8%	6.36	7.30
7	1,000	657,000	\$ 18,523	\$ 24,149.68	\$ (8,838.00)	\$ 920.00	\$ 600.00	\$ 3,547.80	\$ 998	\$ 39,900	\$ 19,867	\$ (6,749.62)	\$ 24,149.68	\$ 1,060.00	\$ 750.00	\$ 3,606.93	\$ 1,043.17	\$ 41,726.85	\$ 1,827	4.6%	6.07	6.35
8																						
9	5,000	1,277,500	\$ 39,861	\$ 47,037.55	\$ (17,185.00)	\$ 4,600.00	\$ 3,000.00	\$ 6,898.50	\$ 2,159	\$ 86,371	\$ 66,327	\$ (17,013.15)	\$ 47,037.55	\$ 5,300.00	\$ 3,750.00	\$ 7,013.48	\$ 2,882.43	\$ 115,297.12	\$ 28,926	33.5%	6.78	9.03
10	5,000	2,190,000	\$ 62,710	\$ 80,635.80	\$ (29,460.00)	\$ 4,600.00	\$ 3,000.00	\$ 11,826.00	\$ 3,418	\$ 136,730	\$ 82,650	\$ (29,165.40)	\$ 80,635.80	\$ 5,300.00	\$ 3,750.00	\$ 12,023.10	\$ 3,984.43	\$ 159,377.48	\$ 22,648	16.6%	6.24	7.28
11	5,000	3,285,000	\$ 90,128	\$ 120,748.39	\$ (44,190.00)	\$ 4,600.00	\$ 3,000.00	\$ 17,739.00	\$ 4,924	\$ 196,950	\$ 98,813	\$ (43,748.10)	\$ 120,748.39	\$ 5,300.00	\$ 3,750.00	\$ 18,034.65	\$ 5,202.52	\$ 208,100.94	\$ 11,151	5.7%	6.00	6.33
12																						
13																						
14																						
15																						
16																						
17																						
18																						
19																						
20																						
21																						
22																						
23																						
24																						
25																						
26																						
27																						
28																						
29																						
30																						
31																						
32																						
33																						
34																						
35																						
36																						
37																						
38																						
39																						

Line No.	Description	PRESENT		PROPOSED	
		IS	IST	GSO	GSDT
15	CUSTOMER CHARGE	622.00	622.00 \$/Bil	130.00	130.00 \$/Bil
16	DEMAND CHARGE	1.45	1.45 \$/KW	9.50	3.23 \$/KW
17	PEAK DEMAND CHARGE	-	- \$/KW	-	6.27 \$/KW
18	ON-PEAK ENERGY CHARGE	2.504	2.504 \$/KWH	1.829	3.998 \$/KWH
19	OFF-PEAK ENERGY CHARGE	-	- \$/KWH	-	0.980 \$/KWH
20	DELIVERY VOLTAGE CREDIT	-	-	(0.80)	(0.80) \$/KW
21	FUEL CHARGE	3.682	- \$/KWH	3.682	- \$/KWH
22	ON-PEAK	-	3.822 \$/KWH	-	3.822 \$/KWH
23	OFF-PEAK	-	3.627 \$/KWH	-	3.627 \$/KWH
24	CONSERVATION CHARGE	0.92	0.92 \$/KW	1.06	1.06 \$/KW
25	CAPACITY CHARGE	0.60	0.60 \$/KW	0.75	0.75 \$/KW
26	ENVIRONMENTAL CHARGE	0.540	0.540 \$/KWH	0.549	0.549 \$/KWH
27					
28	GSLM2 CONTRACT CREDIT VALUE*	(9.82)	(9.82) \$/KW	(9.82)	(9.82) \$/KW
29					

- Notes:
- 31 A. The kWh for each kW group is based on 35, 60, and 90% load factors (LF).
  - 32 B. Charges at 35% and 60% LF are based on standard rates and charges at 90% LF are based on TOU rates. Peak demand to billing demand ratios are assumed to be 99% at 90% LF.
  - 33 C. Calculations assume meter and service at primary voltage and a power factor of 85%.
  - 34 D. TOD energy charges assume 25/75 on/off-peak % for 90% LF.
  - 35 E. CCV credit in columns 5 and 12 are load-factor adjusted and reflect a primary-metered voltage adjustment of 1%.
  - 36 F. Present cost recovery clause factors are the approved 2013 factors. Proposed factors reflect production cost allocation based on the 12CP and 50%AD method.
- 37
- 38 \* All IS customer locked-in at 2012 CCV
- 39

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

	(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	RS/RSVP1	Basic Service Charge:		RS/RSVP1		
2		Standard	10.50 \$/Bill		15.00 \$/Bill	42.9%
3		RSVP-1	10.50 \$/Bill		15.00 \$/Bill	42.9%
4						
5		Energy and Demand Charge:				
6		Standard				
7		First 1,000 kWh	44.95 \$/MWH		50.78 \$/MWH	13.0%
8		All additional kWh	54.95 \$/MWH		60.78 \$/MWH	10.6%
9		RSVP-1	48.45 \$/MWH		53.90 \$/MWH	11.2%
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						



FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

	(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	GS/GST	Basic Service Charge:		GS/GST		
2		Standard	10.50 \$/Bill		18.00 \$/Bill	71.4%
3		Standard - Unmetered	9.00 \$/Bill		15.00 \$/Bill	66.7%
4		Time-of-Day	12.00 \$/Bill		20.00 \$/Bill	66.7%
5						
6		Energy and Demand Charge:				
7		Standard	48.45 \$/MWH		53.90 \$/MWH	11.2%
8		Standard Unmetered	48.45 \$/MWH		53.90 \$/MWH	
9		Time-of-Day On-Peak	130.57 \$/MWH		143.84 \$/MWH	10.2%
10		Time-of-Day Off-Peak	10.46 \$/MWH		9.60 \$/MWH	-8.2%
11						
12		Emergency Relay Charge	1.51 \$/MWH		1.70 \$/MWH	12.6%
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

	(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	TS	Basic Service Charge:		TS		
2		Standard	10.50 \$/Bill		18.00 \$/Bill	71.4%
3						
4		Energy and Demand Charge:				
5		Standard	48.45 \$/MWH		53.90 \$/MWH	11.2%
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

Type of data shown:

COMPANY: TAMPA ELECTRIC COMPANY

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

DOCKET No 130040-EI

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	GSD/GSD Opt./GSDT			GSD/GSD Opt./GSDT		
2		Basic Service Charge:				
3		Standard Secondary	57.00 \$/Bill		30.00 \$/Bill	-47.4%
4		Standard Primary	130.00 \$/Bill		130.00 \$/Bill	0.0%
5		Standard Subtransmission	930.00 \$/Bill		990.00 \$/Bill	6.5%
6		Optional Secondary	57.00 \$/Bill		30.00 \$/Bill	-47.4%
7		Optional Primary	130.00 \$/Bill		130.00 \$/Bill	0.0%
8		Optional Subtransmission	930.00 \$/Bill		990.00 \$/Bill	6.5%
9		Time-of-Day Secondary	57.00 \$/Bill		30.00 \$/Bill	-47.4%
10		Time-of-Day Primary	130.00 \$/Bill		130.00 \$/Bill	0.0%
11		Time-of-Day Subtransmission	930.00 \$/Bill		990.00 \$/Bill	6.5%
12		Energy Charge:				
13		Standard	15.83 \$/MWH		18.29 \$/MWH	15.5%
14		Optional	58.14 \$/MWH		64.68 \$/MWH	11.2%
15		Time-of-Day On-Peak	28.98 \$/MWH		39.99 \$/MWH	38.0%
16		Time-of-Day Off-Peak	10.46 \$/MWH		9.60 \$/MWH	-8.2%
17						
18		Demand Charge:				
19		Standard (all delivery voltages)	8.41 \$/kW		9.50 \$/kW	13.0%
20		Optional (all delivery voltages)	- \$/kW		- \$/kW	0.0%
21		Time-of-Day Billing (all delivery voltages)	2.84 \$/kW		3.23 \$/kW	13.7%
22		Time-of-Day Peak (all delivery voltages)	5.57 \$/kW		6.27 \$/kW	12.6%
23						
24		Delivery Voltage Credit:				
25		Standard Primary	(0.73) \$/kW		(0.80) \$/kW	9.4%
26		Standard Subtransmission	(1.16) \$/kW		(2.50) \$/kW	115.6%
27		Optional Primary	(1.93) \$/MWH		(2.13) \$/MWH	10.2%
28		Optional Subtransmission	(2.99) \$/MWH		(6.53) \$/MWH	118.4%
29		Time-of-Day Primary	(0.73) \$/kW		(0.80) \$/kW	9.4%
30		Time-of-Day Subtransmission	(1.16) \$/kW		(2.50) \$/kW	115.6%
31						
32						
33						
34						
35						

16

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

Type of data shown:

COMPANY: TAMPA ELECTRIC COMPANY

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

DOCKET No. 130040-EI

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	Continued from Page 4					
2	GSD/GSD Opt./GSDT			GSD/GSD Opt./GSDT		
3		Emergency Relay Power Supply Charge:				
4		Standard (all delivery voltages)	0.60 \$/kW		0.66 \$/kW	10.0%
5		Optional (all delivery voltages)	1.51 \$/MWH		1.70 \$/MWH	12.6%
6		Time-of-Day Billing (all delivery voltages)	0.60 \$/kW		0.66 \$/kW	10.0%
7						
8		Power Factor Charge (all):	2.00 \$/kVARh		2.00 \$/kVARh	0.0%
9						
10		Power Factor Credit (all):	(1.00) \$/kVARh		(1.00) \$/kVARh	0.0%
11						
12		Metering Voltage Adjustment:				
13		Standard Primary	(1.0) %		(1.0) %	0.0%
14		Standard Subtransmission	(2.0) %		(2.0) %	0.0%
15		Optional Primary	(1.0) %		(1.0) %	0.0%
16		Optional Subtransmission	(2.0) %		(2.0) %	0.0%
17		Time-of-Day Primary	(1.0) %		(1.0) %	0.0%
18		Time-of-Day Subtransmission	(2.0) %		(2.0) %	0.0%
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	SBF/SBFT	Basic Service Charge:		SBF/SBFT		
2		Standard Secondary	82.00 \$/Bill		55.00 \$/Bill	-32.9%
3		Standard Primary	155.00 \$/Bill		155.00 \$/Bill	0.0%
4		Standard Subtransmission	955.00 \$/Bill		1,015.00 \$/Bill	6.3%
5		Time-of-Day Secondary	82.00 \$/Bill		55.00 \$/Bill	-32.9%
6		Time-of-Day Primary	155.00 \$/Bill		155.00 \$/Bill	0.0%
7		Time-of-Day Subtransmission	955.00 \$/Bill		1,015.00 \$/Bill	6.3%
8						
9		Supplemental Demand Charge:				
10		Standard (All delivery voltages)	8.41 \$/kW		9.50 \$/kW	13.0%
11		Time-of-Day Billing (All delivery voltages)	2.84 \$/kW		3.23 \$/kW	13.7%
12		Time-of-Day Peak (All delivery voltages)	5.57 \$/kW		6.27 \$/kW	12.6%
13						
14		Supplemental Energy Charge:				
15		Standard (All delivery voltages)	15.83 \$/MWH		18.29 \$/MWH	15.5%
16		Time-of-Day On-Peak (All delivery voltages)	28.98 \$/MWH		39.99 \$/MWH	38.0%
17		Time-of-Day Off-Peak (All delivery voltages)	10.46 \$/MWH		9.60 \$/MWH	-8.2%
18						
19		Standby Demand Charge (All):				
20		Local Facilities Reservation	2.33 \$/kW		2.08 \$/kW	-10.7%
21		Plus the greater of				
22		Power Supply Reservation, or	1.26 \$/kW-Mo		1.64 \$/kW-Mo	30.2%
23		Power Supply Demand	0.50 \$/kW-Day		0.65 \$/kW-Day	30.0%
24						
25		Standby Energy Charge:				
26		Time-of-Day (All delivery voltages)	10.49 \$/MWH		9.60 \$/MWH	-8.5%
27						
28		Delivery Voltage Credit:				
29		Supplemental				
30		Standard Primary	(0.73) \$/kW		(0.80) \$/kW	9.4%
31		Standard Subtransmission	(1.16) \$/kW		(2.50) \$/kW	115.6%
32		Time-of-Day Primary	(0.73) \$/kW		(0.60) \$/kW	9.4%
33		Time-of-Day Subtransmission	(1.16) \$/kW		(2.50) \$/kW	115.6%
34						
35						

Continued on Page 7

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	Continued from Page 6					
2	SBF/SBFT			SBF/SBFT		
3						
4		Delivery Voltage Credit:				
5		Standby				
6		Time-of-Day Primary	(0.60) \$/kW		(0.67) \$/kW	11.7%
7		Time-of-Day Subtransmission	(1.17) \$/kW		(2.08) \$/kW	77.8%
8						
9		Emergency Relay Power Supply Charge (all):				
10		Supplemental and Standby	0.60 \$/kW		0.66 \$/kW	10.0%
11						
12		Power Factor Charge (all):	2.00 \$/MVARh		2.00 \$/MVARh	0.0%
13						
14		Power Factor Credit (all):	(1.00) \$/MVARh		(1.00) \$/MVARh	0.0%
15						
16		Metering Voltage Adjustment:				
17		Supplemental and Standby				
18		Standard Primary	(1.0) %		(1.0) %	0.0%
19		Standard Subtransmission	(2.0) %		(2.0) %	0.0%
20		Time-of-Day Primary	(1.0) %		(1.0) %	0.0%
21		Time-of-Day Subtransmission	(2.0) %		(2.0) %	0.0%
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	IS/IST	Basic Service Charge:		GSD/GSDT		
2		Standard Primary	622.00 \$/Bill		130.00 \$/Bill	-79.1%
3		Standard Subtransmission	2,372.00 \$/Bill		990.00 \$/Bill	-58.3%
4		Time-of-Day Primary	622.00 \$/Bill		130.00 \$/Bill	-79.1%
5		Time-of-Day Subtransmission	2,372.00 \$/Bill		990.00 \$/Bill	-58.3%
6						
7		Energy Charge:				
8		Standard Primary	25.04 \$/MWH		18.29 \$/MWH	-27.0%
9		Standard Subtransmission	25.04 \$/MWH		18.29 \$/MWH	-27.0%
10		Time-of-Day On-peak - Primary	25.04 \$/MWH		39.99 \$/MWH	59.7%
11		Time-of-Day On-peak -Subtransmission	25.04 \$/MWH		39.99 \$/MWH	59.7%
12		Time-of-Day Off-peak - Primary	25.04 \$/MWH		9.60 \$/MWH	-61.7%
13		Time-of-Day Off-peak -Subtransmission	25.04 \$/MWH		9.60 \$/MWH	-61.7%
14						
15		Demand Charge:				
16		Standard (all delivery voltages)	1.45 \$/kW		9.50 \$/kW	555.2%
17		Time-of-Day Billing - (All delivery voltages)	1.45 \$/kW		3.23 \$/kW	122.8%
18		Time-of-Day Peak - (All delivery voltages)	- \$/kW		6.27 \$/kW	0.0%
19						
20		Emergency Relay Power Supply Charge (all):	0.57 \$/kW		0.66 \$/kW	15.8%
21						
22		Power Factor Charge (all):	2.00 \$/MVARh		2.00 \$/MVARh	0.0%
23		Power Factor Credit (all):	(1.00) \$/MVARh		(1.00) \$/MVARh	0.0%
24						
25		Delivery Voltage Credit:				
26		Standard Primary	- \$/kW		(0.80) \$/kW	0.0%
27		Standard Subtransmission	(0.40) \$/kW		(2.50) \$/kW	525.1%
28		Time-of-Day Primary	- \$/kW		(0.80) \$/kW	0.0%
29		Time-of-Day Subtransmission	(0.40) \$/kW		(2.50) \$/kW	525.1%
30						
31		Metering Voltage Adjustment:				
32		Standard Primary	0.0 %		(1.0) %	0.0%
33		Standard Subtransmission	(1.0) %		(2.0) %	100.0%
34		Time-of-Day Primary	0.0 %		(1.0) %	0.0%
35		Time-of-Day Subtransmission	(1.0) %		(2.0) %	100.0%

Supporting Schedules: E-7, E-14 Supplement

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	SBI			SBF,SBFT		
2		Basic Service Charge:				
3		Standard Primary	647.00 \$/Bill		155.00 \$/Bill	-76.0%
4		Standard Subtransmission	2,397.00 \$/Bill		1,015.00 \$/Bill	-57.7%
5		Time-of-Day Primary	647.00 \$/Bill		155.00 \$/Bill	-76.0%
6		Time-of-Day Subtransmission	2,397.00 \$/Bill		1,015.00 \$/Bill	-57.7%
7						
8		Supplemental Demand Charge:				
9		Standard (all delivery voltages)	1.45 \$/kW		9.50 \$/kW	555.2%
10		Time-of-Day Billing - (All delivery voltages)	1.45 \$/kW		3.23 \$/kW	122.8%
11		Time-of-Day Peak - (All delivery voltages)	- \$/kW		6.27 \$/kW	0.0%
12						
13		Supplemental Energy Charge:				
14		Standard (all delivery voltages)	25.04 \$/MWH		18.29 \$/MWH	-27.0%
15		Time-of-Day On-Peak - (All delivery voltages)	25.04 \$/MWH		39.99 \$/MWH	59.7%
16		Time-of-Day Off-Peak - (All delivery voltages)	25.04 \$/MWH		9.60 \$/MWH	-61.7%
17						
18		Standby Demand Charge (all delivery voltages):				
19		Local Facilities Reservation	1.45 \$/kW		2.08 \$/kW	43.4%
20		Plus the greater of				
21		Power Supply Reservation, or	1.20 \$/kW-Mo		1.64 \$/kW-Mo	36.7%
22		Power Supply Demand	0.48 \$/kW-Day		0.65 \$/kW-Day	35.4%
23						
24		Standby Energy Charge:				
25		Time-of-Day (All)	10.06 \$/MWH		9.60 \$/MWH	-4.6%
26						
27		Delivery Voltage Credit:				
28		Supplemental				
29		Standard Primary	- \$/kW		(0.80) \$/kW	0.0%
30		Standard Subtransmission	(0.40) \$/kW		(2.50) \$/kW	525.1%
31		Time-of-Day Primary	- \$/kW		(0.80) \$/kW	0.0%
32		Time-of-Day Subtransmission	(0.40) \$/kW		(2.50) \$/kW	525.1%
33		Standby				
34		Time-of-Day Primary	- \$/kW		(0.67) \$/kW	0.0%
35		Time-of-Day Subtransmission	(0.33) \$/kW		(2.08) \$/kW	530.3%

Continued on Page 10

Supporting Schedules: E-7, E-14 Supplement

Recap Schedules:



FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

	(1)	(2)	(3)	(4)	(5)	(6)
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1	Continued from Page 9					
2						
3	SBI			GSD/GSDT		
4		Emergency Relay Power Supply Charge (all):				
5		Supplemental	0.57 \$/kW		0.66 \$/kW	15.8%
6		Standby	0.57 \$/kW		0.66 \$/kW	15.8%
7						
8		Power Factor Charge:	2.00 \$/MVARh		2.00 \$/MVARh	0.0%
9						
10		Power Factor Credit:	(1.00) \$/MVARh		(1.00) \$/MVARh	0.0%
11						
12		Metering Voltage Adjustment:				
13		Supplemental and Standby				
14		Standard Primary	0%		-1%	0.0%
15		Standard Subtransmission	-1%		-2%	100.0%
16		Time-of-Day Primary	0%		-1%	0.0%
17		Time-of-Day Subtransmission	-1%		-2%	100.0%
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide a summary of all proposed changes in rates and rate classes, detailing current and proposed classes of service, demand, energy, and other service charges.

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

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 130040-EI

(1)	(2)	(3)	(4)	(5)	(6)	
Line No.	Current Rate Schedule	Type of Charge	Current Rate	Proposed Rate Schedule	Proposed Rate	Percent Increase ((5)-(3))/(3)
1						
2	LS-1			LS-1		
3		Basic Service Charge:	10.50 \$/Bill		15.00 \$/Bill	42.9%
4		(for metered streetlighting accounts only)				
5						
6		Energy Charge:	24.62 \$/MWH		32.43 \$/MWH	31.7%
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						

Supporting Schedules: E-7, E-14 Supplement

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the calculation of the requested interim revenue requirements increase.

Type of data shown:

COMPANY: TAMPA ELECTRIC COMPANY

Projected Test Year Ended 12/31/2014

Projected Prior Year Ended 12/31/2013

Historical Prior Year Ended 12/31/2012

DOCKET No. 130040-EI

Witness: Not Applicable

Line No.	(1) Description	(2) Source	(3) Amount (000)
1			
2			
3	The company is not seeking Interim Rates		
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
31			
32			
33			
34			
35			
36			
37			
38			
39			

Supporting Schedules:

Recap Schedules:

FLORIDA PUBLIC SERVICE COMMISSION

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

Type of data shown:

COMPANY: TAMPA ELECTRIC COMPANY

Projected Test Year Ended 12/31/2014

Projected Prior Year Ended 12/31/2013

Historical Prior Year Ended 12/31/2012

DOCKET No. 130040-EI

Witness: Not Applicable

Line No.	(1) TYPICAL KW	(2) KWH	BILL UNDER PRESENT RATES					BILL UNDER PROPOSED RATES					INCREASE		COSTS IN CENTS/KWH		
			(3) BASE RATE	(4) FUEL CHARGE	(5) ECCR CHARGE	(6) CAPACITY CHARGE	(7) ENVIRONMENTAL CHARGE	(8) TOTAL	(9) BASE RATE	(10) FUEL CHARGE	(11) ECCR CHARGE	(12) CAPACITY CHARGE	(13) ENVIRONMENTAL CHARGE	(14) TOTAL	(15) DOLLARS (14)-(8)	(16) PERCENT (15)/(8)	(17) PRESENT (8)/(2)
1																	
2																	
3																	
4			The company is not seeking Interim Rates.														
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	
21																	
22																	
23																	
24																	
25																	
26																	
27								PRESENT		PROPOSED							
28			CUSTOMER CHARGE														
29			DEMAND CHARGE														
30			ENERGY CHARGE														
31			FUEL CHARGE														
32			CONSERVATION CHARGE														
33			CAPACITY CHARGE														
34			ENVIRONMENTAL CHARGE														
35																	
36																	
37																	
38																	
39																	

Supporting Schedules:

Recap Schedules:

**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**



**DIRECT TESTIMONY AND EXHIBIT  
OF  
WILLIAM R. ASHBURN**

1 customer that is willing and able to incur interruptible  
 2 service.

3  
 4 **Q.** Do the closed IS metered accounts pose more favorable  
 5 load characteristics than the rate class consisting of  
 6 all GSD customers, thereby translating to a lower level  
 7 of cost of service deserving of rate recognition for  
 8 these customers?

9  
 10 **A.** While the forty-three remaining IS metered accounts in  
 11 the aggregate do have more favorable load characteristics  
 12 than the aggregate of the fourteen thousand customers  
 13 being served under the company's GSD rate schedules, the  
 14 load characteristics of GSD customers are rather diverse,  
 15 and it is not surprising to find that a small subset of  
 16 forty-three metered accounts would have different  
 17 aggregate characteristics than the aggregate of all the  
 18 customers in a large class. No doubt, another group of  
 19 existing GSD accounts could be put together that would  
 20 have exactly the same aggregate load characteristics or  
 21 perhaps more favorable characteristics. The existing IS  
 22 metered accounts would favor preserving their cost  
 23 supported rate advantage, however it had been created or  
 24 maintained over many years.

25

1 **A.** Although that would eliminate inequity, it would not be  
 2 fair treatment for the other GSD customers that do not  
 3 want to take interruptible service. The value of  
 4 interruptibility has been established by the payment of  
 5 the interruptible demand credits under GSLM-2 and GSLM-3.  
 6 There should be no further differentiation in rate  
 7 treatment for interruptible service than the payment of  
 8 these credits. It would be inappropriate to establish  
 9 cost of service and ratemaking treatment for just one  
 10 subset of general service customers on top of that credit  
 11 recognition. The company had been seeking over several  
 12 rate proceedings, and the Commission has approved, a  
 13 reduction in the number of rate schedules applicable to  
 14 subsets of customers that could be created from its  
 15 general service rate customers. The company has  
 16 advocated that the fairest approach to cost of service  
 17 and ratemaking for this diverse group of customers is to  
 18 establish a single rate that recovers cost of service of  
 19 GSD customers and to use rate design of that rate to  
 20 minimize cost disparities that exist due to differences  
 21 in load characteristics and that of the average load  
 22 characteristic of the class as a whole.

23  
 24 **Q.** Have you prepared any billing comparisons of the effect  
 25 on each of the forty-three remaining IS metered accounts

1 by their transfer to the proposed GSD rate schedules?

2

3 **A.** Yes. On page 2 of Document No. 3 of my exhibit, a  
 4 billing comparison is presented for each of the forty-  
 5 three IS customer accounts under their present rate  
 6 charges and under the proposed applicable GSD rate  
 7 charges for which they would be transferred. I believe  
 8 this billing comparison reveals even more supportive  
 9 information for the elimination of the IS rate schedules  
 10 at this time. First, there are nine of these accounts  
 11 that do not impose any load requirement on the company  
 12 and are simply being retained as an active service  
 13 location presumably to preserve the grandfathered rate  
 14 status of that particular delivery point. Second, there  
 15 are seven of these accounts that would actually benefit  
 16 by transferring to the company's proposed applicable GSD  
 17 rate schedule, primarily as a result of the change the  
 18 company is seeking in its GSD rates regarding higher  
 19 voltage delivery service. Third, the document shows the  
 20 total proposed increase from all IS accounts results in a  
 21 relatively moderate increase of 5.9 percent.

22

23 **Q.** Other than the transfer of IS metered accounts to their  
 24 applicable GSD rate schedule, will the company's proposed  
 25 rate changes result in any other customer transfers from



IS Customer Billing Comparisons

Proposed Rate Impact on Customers Under Interruptible Rate Schedules IS/SBI  
Actual 2012 Billings Including the Interruptible Credit

IS Transfers to GSD								
Customer Number	Delivery Voltage	Annual Billing KW	Annual kWh	Average Load Factor %	Annual Charges Under Present Rate Schedule IS	Annual Charges Under Proposed Rate Schedule GSD	Difference	
							\$	%
1	PMPS	10,633	3,424,541	44.1%	\$ 229,519	\$ 280,708	\$ 51,190	22.3%
2	PMPS	20,104	6,754,514	46.0%	\$ 442,610	\$ 542,826	\$ 100,216	22.6%
3	PMPS	23,419	12,307,913	72.0%	\$ 759,967	\$ 846,548	\$ 86,580	11.4%
4	PMPS	4,821	1,071,794	30.5%	\$ 81,641	\$ 104,916	\$ 23,275	28.5%
5	PMPS	9,259	2,421,911	35.8%	\$ 169,860	\$ 217,583	\$ 47,724	28.1%
6	PMPS	30,430	13,176,445	59.3%	\$ 829,378	\$ 963,456	\$ 134,078	16.2%
IS Transfers to GSD Optional								
Customer Number	Delivery Voltage	Annual Billing KW	Annual kWh	Average Load Factor %	Annual Charges Under Present Rate Schedule IS	Annual Charges Under Proposed Rate Sched. GSD Opt.	Difference	
							\$	%
7	PMPS	1,195	202,924	23.3%	\$ 22,523	\$ 21,436	\$ (1,087)	-4.8%
8	PMPS	5,530	551,420	13.7%	\$ 55,010	\$ 55,503	\$ 493	0.9%
9	PMPS	15,001	2,062,698	18.8%	\$ 167,476	\$ 203,235	\$ 35,759	21.4%
10	PMPS	71,854	5,412,372	10.3%	\$ 525,990	\$ 530,675	\$ 4,685	0.9%
IST Transfers to GSDT								
Customer Number	Delivery Voltage	Annual Billing KW	Annual kWh	Average Load Factor %	Annual Charges Under Present Rate Schedule IST	Annual Charges Under Proposed Rate Schedule GSDT	Difference	
							\$	%
11	TMTS	50	25	0.1%	\$ 29,326	\$ 12,313	\$ (17,013)	-58.0%
12	TMTS	2,617	1,199,091	62.8%	\$ 101,631	\$ 89,023	\$ (12,609)	-12.4%
13	PMPS	-	-	0.0%	\$ 7,655	\$ 1,600	\$ (6,055)	-79.1%
14	PMPS	59,098	39,267,754	91.0%	\$ 2,357,763	\$ 2,450,659	\$ 92,896	3.9%
15	PMPS	19,266	12,237,603	87.0%	\$ 742,644	\$ 781,910	\$ 39,266	5.3%
16	TMTS	33,500	17,986,650	73.5%	\$ 1,100,788	\$ 1,055,764	\$ (45,025)	-4.1%
17	TMTS	42,180	13,043,520	42.4%	\$ 853,104	\$ 988,867	\$ 135,763	15.9%
18	PMPS	-	-	0.0%	\$ 29,194	\$ 12,185	\$ (17,009)	-58.3%
19	TMTS	392,450	182,645,825	63.8%	\$ 11,041,896	\$ 11,822,213	\$ 780,317	7.1%
20	TMTS	681,202	323,920,189	65.1%	\$ 19,529,561	\$ 21,132,701	\$ 1,603,140	8.2%
21	TMTS	239,589	88,294,661	50.5%	\$ 5,483,920	\$ 6,164,101	\$ 680,180	12.4%
22	PMPS	11,154	2,767,138	34.0%	\$ 194,539	\$ 248,741	\$ 54,201	27.9%
23	PMPS	-	-	0.0%	\$ 7,655	\$ 1,600	\$ (6,055)	-79.1%
24	PMPS	343	113,522	45.3%	\$ 14,974	\$ 10,281	\$ (4,693)	-31.3%
25	PMPS	54,330	30,818,292	77.7%	\$ 1,877,249	\$ 2,043,386	\$ 166,137	8.9%
26	PMPS	12,535	7,160,896	78.3%	\$ 441,626	\$ 472,547	\$ 30,921	7.0%
27	PMPS	30,180	15,298,360	69.4%	\$ 946,097	\$ 1,061,183	\$ 115,085	12.2%
28	PMPS	-	-	0.0%	\$ 7,655	\$ 1,600	\$ (6,055.38)	-79.1%
29	PMPS	58,186	39,957,534	94.1%	\$ 2,393,055	\$ 2,473,721	\$ 80,665.62	3.4%
30	PMPS	20,639	11,565,809	76.8%	\$ 710,246	\$ 773,254	\$ 63,007	8.9%
31	TMTS	-	-	0.0%	\$ 29,194	\$ 12,185	\$ (17,009)	-58.3%
32	PMPS	72,156	26,028,836	49.4%	\$ 1,667,153	\$ 2,010,622	\$ 343,469	20.6%
33	PMPS	15,638	6,270,073	54.9%	\$ 402,933	\$ 482,402	\$ 79,469	19.7%
34	TMTS	-	-	0.0%	\$ 29,194	\$ 12,185	\$ (17,009)	-58.3%
35	PMPS	-	-	0.0%	\$ 29,194	\$ 12,185	\$ (17,009)	-58.3%
36	PMPS	70,414	16,419,237	31.9%	\$ 1,133,134	\$ 1,584,207	\$ 451,073	39.8%
37	PMPS	-	-	0.0%	\$ 29,194	\$ 12,185	\$ (17,009)	-58.3%
SBI Transfers to SBFT								
Customer Number	Delivery Voltage				Annual Charges Under Present Rate Schedule SBI	Annual Charges Under Proposed Rate Schedule SBFT	Difference	
							\$	%
38	TMTS				\$ 567,573	\$ 393,114	\$ (174,459)	-30.7%
39	TMTS				\$ 4,211,897	\$ 4,112,693	\$ (99,204)	-2.4%
40	TMTS				\$ 4,454,844	\$ 4,267,036	\$ (187,807)	-4.2%
41	TMTS				\$ 995,973	\$ 871,997	\$ (123,976)	-12.4%
42	TMTS				\$ 8,624,023	\$ 8,589,374	\$ (34,650)	-0.4%
43	TMTS				\$ 222,027	\$ 180,612	\$ (41,415)	-18.7%
<b>Total IS/SBI</b>					\$ 73,550,889	\$ 77,905,328	\$ 4,354,440	5.9%



**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**



**DIRECT TESTIMONY AND EXHIBIT  
OF  
SANDRA W. CALLAHAN**

**Tampa Electric Credit Metrics  
2009 - 2014 Test Year**

	Actual					Proforma Adjusted Test Year	
	2009	2010	2011	2012	2013	w/o rates	w/ rates <sup>(1)</sup>
						2014	2014
FFO / Debt <sup>(3)</sup>	22%	25%	27%	28%	27%	21%	25%
without bonus and one-time repairs deduction <sup>(2) (3)</sup>	17%	21%	23%	24%	22%	20%	24%
FFO / Interest <sup>(3)</sup>	4.4x	4.9x	5.2x	5.7x	6.3x	5.2x	5.9x
without bonus and one-time repairs deduction <sup>(2) (3)</sup>	3.6x	4.2x	4.6x	5.0x	5.1x	5.1x	5.8x
Debt / EBITDA <sup>(3)</sup>	3.6x	3.0x	2.9x	2.9x	3.0x	3.4x	2.8x
without bonus and one-time repairs deduction <sup>(2) (3)</sup>	3.7x	3.1x	3.0x	2.9x	3.1x	3.5x	2.8x
Debt / Capital - Regulatory Adjusted 13-month avg.	48%	48%	48%	47%	45%	46%	46%

(1) Reflects full year of requested revenue increase of \$134.8 million.

(2) Removes impact of bonus depreciation and retroactive tax repair deductions due to the temporary and/ or one- time nature of those tax incentives.

(3) Includes S&P adjustments.



**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**



**DIRECT TESTIMONY AND EXHIBIT  
OF  
MARK J. HORNICK**

1   **Q.**   What is Tampa Electric's construction capital budget for  
2       Energy Supply in 2014?

3  
4   **A.**   As shown in Document No. 3 of my exhibit, the  
5       construction capital budget for the Energy Supply  
6       department totals \$391.7 million for 2014. This total  
7       is comprised of \$192.2 million for recurring, non-  
8       expansion projects and \$199.5 million for non-recurring,  
9       expansion projects. The latter component includes  
10      \$147.8 million for the Polk 2-5 Combined Cycle  
11      Conversion in 2014. The accounting and ratemaking  
12      treatment of the Polk 2-5 Combined Cycle Conversion  
13      Project is described in the direct testimony of witness  
14      Chronister.

15

16   **PRODUCTION O&M EXPENSES**

17   **Q.**   What are Tampa Electric's production O&M and non-  
18       recoverable fuel expenses budgeted for 2014 and how has  
19       the amount varied over time?

20

21   **A.**   Document No. 4 of my exhibit shows the Tampa Electric  
22       Energy Supply department expenses (excluding all costs  
23       recovered from various cost recovery clauses) from 2007  
24       to 2014. The budgeted amount in 2014 is \$138.8 million.

25

1   **Q.**   How do these spending levels compare with what would be  
2           expected using the Consumer Price Index for Urban  
3           Consumers ("CPI-U") escalation factors using 2007 as a  
4           benchmark?

5  
6   **A.**   Document No. 4 of my exhibit shows that the actual  
7           expenses have generally been below what would be  
8           expected using the CPI-U as a cost escalator. This is  
9           the measure used by the Commission to benchmark O&M  
10          expenses for production plant. The cost control  
11          measures implemented in 2010 through 2012 resulted in  
12          spending being held below the levels expected with  
13          inflation. Budgeted expenses in the 2014 test year are  
14          over \$2.8 million less than the 2007 benchmark with  
15          escalation.

16  
17   **Q.**   How does the adjusted 2014 test year total production  
18          O&M costs per company books compare with the Commission  
19          O&M benchmark?

20  
21   **A.**   As described in witness Chronister' s direct testimony,  
22          the company's adjusted 2014 total production O&M costs  
23          are expected to be under the benchmark by \$6.8 million.  
24          Specifically, the adjusted test year total production  
25          O&M per company books in 2014 is \$136,006,000. The

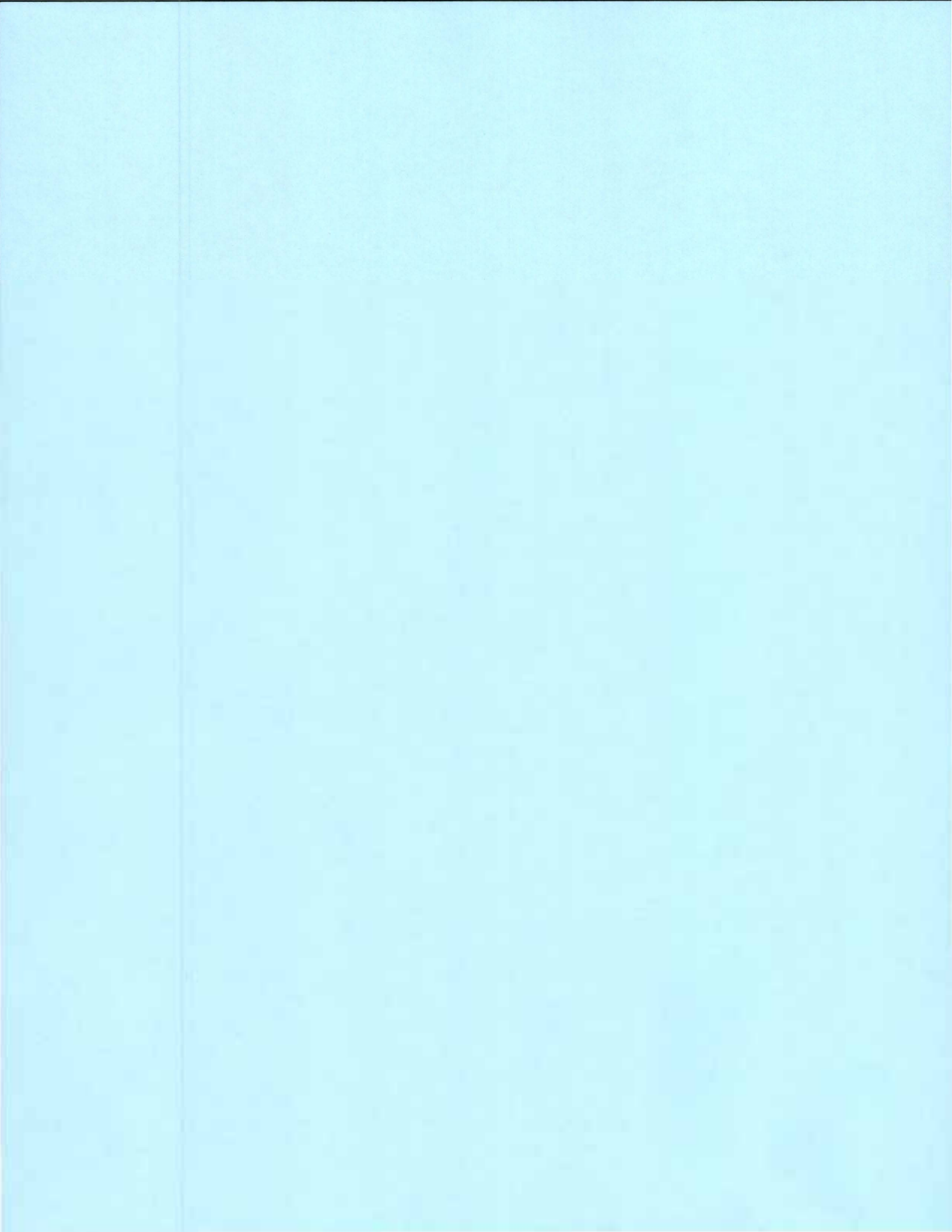


**Energy Supply**  
**2007-2014 O&M Net of ECRC Recovery**  
**(\$ 000)**

	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Budget</b>	<b>Budget</b>
<b>Big Bend and Materials Handling</b>	\$ 70,725	\$ 73,469	\$ 77,613	\$ 72,268	\$ 67,086	\$ 68,681	\$ 74,998	\$ 84,499
<b>Bayside</b>	\$ 14,445	\$ 16,950	\$ 14,913	\$ 14,422	\$ 16,184	\$ 17,013	\$ 16,214	\$ 17,721
<b>Phillips</b>	\$ 1,159	\$ 1,165	\$ 1,149	\$ 133	\$ 121	\$ 97	\$ 102	\$ 104
<b>Polk *</b>	\$ 22,656	\$ 23,668	\$ 25,980	\$ 21,383	\$ 20,908	\$ 23,009	\$ 23,669	\$ 29,378
<b>ES Support (Environmental, Construction, Etc.)</b>	\$ 13,047	\$ 10,849	\$ 18,419	\$ 11,820	\$ 10,622	\$ 7,857	\$ 5,507	\$ 5,868
<b>Aero CTs (BB 4, BS 3,4,5,6) **</b>	\$ -	\$ -	\$ 212	\$ 299	\$ 445	\$ 617	\$ 1,010	\$ 1,270
<b>Total O&amp;M Net of ECRC Recovery</b>	<b>\$ 122,032</b>	<b>\$ 126,101</b>	<b>\$ 138,286</b>	<b>\$ 120,325</b>	<b>\$ 115,366</b>	<b>\$ 117,274</b>	<b>\$ 121,500</b>	<b>\$ 138,840</b>
<b>CPI-U multiplier</b>		1.03839	1.03473	1.0517	1.08488	1.10852	1.13061	1.1607
<b>Benchmark from 2007</b>		\$ 126,717	\$ 126,270	\$ 128,341	\$ 132,390	\$ 135,275	\$ 137,971	\$ 141,643

\* 2014 includes an additional \$3.0 million O&M associated with waste water pipeline, treatment systems and disposal wells

\*\* Aero units were put in-service in 2009: Bayside 5&6 - April 2009; Bayside 3&4 - July 2009; Big Bend 4 - August 2009



**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**



**DIRECT TESTIMONY AND EXHIBIT  
OF  
S. BETH YOUNG**

1 The cost to read a meter has been reduced from an  
2 average of fifty cents per read to twenty cents per read  
3 in 2012. In general, the time needed to read meters  
4 declined by approximately 70 percent. AMR also lowers  
5 the quantity of estimated meter reads.

6  
7 Tampa Electric ended 2008 with fifty-eight meter readers  
8 and it is projected that only nineteen meter readers  
9 will be required at the end of 2014. Tampa Electric's  
10 displaced meter readers have been assigned to other  
11 vacant positions within the company. The company has  
12 factored in the productivity improvements gained from  
13 this initiative into its cost projections for the test  
14 year.

#### 15 16 **Lighting Repair**

17 The Lighting Department applied process improvement  
18 practices beginning in 2011 to improve the lighting  
19 repair process. Four specific areas were analyzed,  
20 reviewed and improved: light trouble ticket accuracy,  
21 repairman routing, lighting troubleshooting  
22 standardization, and standardized truck materials and  
23 organization. The results were 16 percent more lights  
24 repaired at a 23 percent decrease in cost per light  
25 repaired.