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April 1, 2016

**VIA: ELECTRONIC FILING**

Ms. Carlotta S. Stauffer  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: Environmental Cost Recovery Clause  
FPSC Docket No. 160007-EI

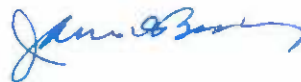
Dear Ms. Stauffer:

Attached for filing in the above docket on behalf of Tampa Electric Company are the following:

1. Petition for approval of the company's environmental cost recovery true-up amount for the twelve month period ending December 2015.
2. Prepare Direct Testimony and Exhibit (PAR-1) of Penelope A. Rusk regarding Environmental Cost Recovery True-Up for the period January 2015 through December 2015.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/pp  
Attachment

cc: All Parties of Record (w/attachment)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition and accompanying Testimony and Exhibit of Penelope A. Rusk has been furnished by electronic mail on this 1<sup>st</sup> day of April 2016 to the following:

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ATTORNEY

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost     )  
Recovery Clause.             )  
\_\_\_\_\_                     )

DOCKET NO. 160007-EI

FILED: April 1, 2016

**PETITION OF TAMPA ELECTRIC COMPANY**

Tampa Electric Company ("Tampa Electric" or "the company"), hereby petitions the Commission for approval of the company's environmental cost recovery true-up amount of \$1,721,184 over-recovery for the twelve month period ending December 2015. In support of thereof, says:

**Environmental Cost Recovery**

1. Tampa Electric's final true-up amount for the January 2015 through December 2015 period is an over-recovery of \$1,721,184 [See Exhibit No. \_\_\_\_ (PAR-1), Document No. 1 (Schedule 42-1A).]

2. By Order No. PSC-15-0536-FOF-EI, the Commission approved environmental cost recovery factors for the period commencing January 2016. These factors reflected an estimated/actual true-up over-recovery, including interest, for the period January 2015 through December 2015 of \$4,535,273 which was also approved in Order No. PSC-15-0536-FOF-EI. The actual over-recovery, including interest, for the period January 2015 through December 2015 is \$6,256,457. The \$6,256,457 actual over-recovery, less the estimated over-recovery of \$4,535,273 which is currently reflected in charges for the period beginning January 2016, results in a net environmental cost recovery true-up over-recovery of \$1,721,184 that is to be included in the calculation of the environmental cost recovery factors for the period beginning January 2017.

3. For reasons more fully detailed in the Prepared Direct Testimony of witness Penelope A. Rusk, the environmental compliance costs sought to be approved for cost recovery proposed in this petition are consistent with the provisions of Section 366.8255, Florida Statutes, and with prior rulings by the Commission with respect to environmental compliance cost recovery for Tampa Electric and other investor-owned utilities.

WHEREFORE, Tampa Electric Company requests this Commission's approval of the company's environmental cost recovery true-up amount of \$1,721,184 over-recovery and authorize the inclusion of this amount in the calculation of the environmental cost recovery factors for the period beginning January 2017.

DATED this 1<sup>st</sup> day of April 2016.

Respectfully submitted,



---

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ATTORNEYS FOR TAMPA ELECTRIC COMPANY

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Petition filed on behalf of Tampa Electric Company has been furnished by electronic mail on this 1<sup>st</sup> day of April 2016 to the following:

Mr. Charles W. Murphy  
Senior Attorney  
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\_\_\_\_\_  
ATTORNEY



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 160007-EI  
IN RE: ENVIRONMENTAL COST RECOVERY FACTORS

2015 FINAL TRUE-UP  
TESTIMONY AND EXHIBIT

PENELOPE A. RUSK

FILED: APRIL 1, 2016



1                                    **BEFORE THE PUBLIC SERVICE COMMISSION**

2                                    **PREPARED DIRECT TESTIMONY**

3                                    **OF**

4                                    **PENELOPE A. RUSK**

5  
6    **Q.**    Please state your name, address, occupation and employer.

7  
8    **A.**    My name is Penelope A. Rusk. My business address is 702  
9           North Franklin Street, Tampa, Florida 33602. I am  
10          employed by Tampa Electric Company ("Tampa Electric" or  
11          "company") in the position of Manager, Rates in the  
12          Regulatory Affairs Department.

13  
14   **Q.**    Please provide a brief outline of your educational  
15          background and business experience.

16  
17   **A.**    I hold a Bachelor of Arts degree in Economics from the  
18          University of New Orleans and a Master of Arts degree in  
19          Economics from the University of South Florida. I joined  
20          Tampa Electric in 1997, as an Economist in the Load  
21          Forecasting Department. In 2000, I joined the Regulatory  
22          Affairs Department, where I have assumed positions of  
23          increasing responsibility during my 19 years of electric  
24          utility experience, including load forecasting, managing  
25          cost recovery clauses, project management, and rate

1 setting activities for wholesale and retail rate cases.  
2 My duties include managing cost recovery for fuel and  
3 purchased power, interchange sales, capacity payments,  
4 and approved environmental projects.

5

6 **Q.** What is the purpose of your testimony in this proceeding?

7

8 **A.** The purpose of my testimony is to present, for Commission  
9 review and approval, the actual true-up amount for the  
10 Environmental Cost Recovery Clause ("Environmental  
11 Clause") and the calculations associated with the  
12 environmental compliance activities for the January 2015  
13 through December 2015 period.

14

15 **Q.** Did you prepare any exhibits in support of your  
16 testimony?

17

18 **A.** Yes. Exhibit No. \_\_\_\_\_ (PAR-1) consists of nine documents  
19 prepared under my direction and supervision.

20 ▪ Form 42-1A, Document No. 1, provides the final true-  
21 up for the January 2015 through December 2015  
22 period;

23 ▪ Form 42-2A, Document No. 2, provides the detailed  
24 calculation of the actual true-up for the period;

25 ▪ Form 42-3A, Document No. 3, shows the interest

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provision calculation for the period;

- Form 42-4A, Document No. 4, provides the variances between actual and actual/estimated costs for O&M activities;
- Form 42-5A, Document No. 5, provides a summary of actual monthly O&M activity costs for the period;
- Form 42-6A, Document No. 6, provides the variances between actual and actual/estimated costs for capital investment projects;
- Form 42-7A, Document No. 7, presents a summary of actual monthly costs for capital investment projects for the period;
- Form 42-8A, Document No. 8, pages 1 through 25, illustrates the calculation of depreciation expenses and return on capital investment for each project recovered through the Environmental Clause.
- Form 42-9A, Document No. 9, details Tampa Electric's revenue requirement rate of return for capital projects recovered through the Environmental Clause.

**Q.** What is the source of the data presented in your testimony and exhibits?

**A.** Unless otherwise indicated, the actual data is taken from the books and records of Tampa Electric. The books and

1 records are kept in the regular course of business in  
2 accordance with generally accepted accounting principles  
3 and practices, and provisions of the Uniform System of  
4 Accounts as prescribed by this Commission.

5  
6 **Q.** What is the final true-up amount for the Environmental  
7 Clause for the period January 2015 through December 2015?

8  
9 **A.** The final true-up amount for the Environmental Clause for  
10 the period January 2015 through December 2015 is an over-  
11 recovery of \$1,721,184. The actual environmental cost  
12 over-recovery, including interest, is \$6,256,457 for the  
13 period January 2015 through December 2015, as identified  
14 in Form 42-1A. This amount, less the \$4,535,273 over-  
15 recovery approved in Commission Order No. PSC-15-0536-  
16 FOF-EI, issued November 19, 2015, in Docket No. 150007-  
17 EI, results in a final over-recovery of \$1,721,184, as  
18 shown on Form 42-1A. This over-recovery amount will be  
19 applied in the calculation of the environmental cost  
20 recovery factors for the period January 2017 through  
21 December 2017.

22  
23 **Q.** Are all costs listed in Forms 42-4A through 42-8A  
24 incurred for environmental compliance projects approved  
25 by the Commission?

1 **A.** All costs listed in Forms 42-4A through 42-8A for which  
2 Tampa Electric is seeking recovery are incurred for  
3 environmental compliance projects approved by the  
4 Commission.

5  
6 **Q.** Did Tampa Electric include costs in its 2015 final  
7 Environmental Clause true-up filing for any environmental  
8 projects that were not anticipated and included in its  
9 2015 factors?

10

11 **A.** Yes, Tampa Electric included costs associated with Tampa  
12 Electric's Coal Combustion Residual ("CCR") project.  
13 These costs are outlined on forms 42-4A and 42-5A. This  
14 project was approved for cost recovery by Commission  
15 Order No. PSC-16-0068-PAA-EI, issued February 9, 2016.

16

17 **Q.** How do actual expenditures for the January 2015 through  
18 December 2015 period compare with Tampa Electric's  
19 actual/estimated projections as presented in previous  
20 testimony and exhibits?

21

22 **A.** As shown on Form 42-4A, total costs for O&M activities  
23 are \$808,925, or 3.2 percent less than the  
24 actual/estimated projection costs. Form 42-6A shows the  
25 total capital investment costs are \$7,981, or 0.01

1 percent less than the actual/estimated projection costs.  
2 Additional information regarding material variances is  
3 provided below.

#### 4 5 **O&M Project Variances**

6 O&M expense projections related to planned maintenance  
7 work are typically spread across the period in question.  
8 However, the company always inspects the units to ensure  
9 that the maintenance is needed, before beginning the  
10 work. The need varies according to the actual usage and  
11 associated "wear and tear" on the units. If an inspection  
12 indicates that the maintenance is not yet needed, then  
13 the company will have a variance compared to the  
14 projection; and the maintenance expense will be incurred  
15 in a future period when warranted by the condition of the  
16 unit.

- 17 ■ **SO<sub>2</sub> Emission Allowances:** The SO<sub>2</sub> Emission Allowances  
18 project variance is \$15,104 or 99.4 percent less than  
19 projected. The variance is due to less cogeneration  
20 purchases than projected and the application of a lower  
21 SO<sub>2</sub> emission allowance rate than projected.
- 22 ■ **Big Bend NO<sub>x</sub> Emission Reduction:** The Big Bend NO<sub>x</sub> Emission  
23 Reduction project variance is \$51,150, or 46.7 percent  
24 less than projected. The actual/estimated projection  
25 expenses include periodic testing or maintenance for this

1 equipment. Upon inspection, the company determined that  
2 it was not necessary to perform the maintenance during  
3 2015.

- 4 ▪ **Polk NO<sub>x</sub> Emission Reduction:** The Polk NO<sub>x</sub> Emission  
5 Reduction project variance is \$2,015, or 19.5 percent  
6 less than projected. This variance is due to an outage  
7 for Polk Unit 1. Due to the extended outage, there was  
8 minimal maintenance needed for this project, resulting in  
9 a decrease when compared to the projected costs.
- 10 ▪ **Bayside SCR Consumables:** The Bayside SCR Consumables  
11 project variance is \$53,899, or 35.8 percent greater than  
12 projected. This variance is due to an increase in the  
13 amount of time the unit ran, compared to the projection,  
14 resulting in a greater amount of consumables used.
- 15 ▪ **Big Bend Unit 4 SOFA:** The Big Bend Unit 4 SOFA project  
16 variance is \$24,000, or 100 percent less than projected.  
17 The costs associated with this project are less than  
18 originally projected due to this unit not requiring the  
19 projected maintenance.
- 20 ▪ **Big Bend Unit 1 Pre-SCR:** The Big Bend Unit 1 Pre-SCR  
21 project variance is \$104,814, or 81.5 percent less than  
22 projected. This variance is due to maintenance work that  
23 was anticipated to occur but was not necessary during  
24 2015.
- 25 ▪ **Big Bend Unit 2 Pre-SCR:** The Big Bend Unit 2 Pre-SCR

1 project variance is \$17,038, or 32.5 percent less than  
2 projected. The costs associated with this project are  
3 less than projected since the projected maintenance work  
4 was not required during 2015.

5 ▪ **Bid Bend Unit 3 Pre-SCR:** The Big Bend Unit 3 Pre-SCR  
6 project variance is \$6,457, or 26.9 percent less than  
7 projected. The costs associated with this project are  
8 less than projected because this unit did not require the  
9 projected maintenance work during 2015.

10 ▪ **Clean Water Act Section 316(b) Phase II Study:** The Clean  
11 Water Act Section 316(b) project variance is \$309,627, or  
12 83.5 percent less than projected. This variance is due to  
13 delays caused by the uncertainty surrounding the  
14 cascading effect of the Clean Power Plan through other  
15 regulations.

16 ▪ **Arsenic Groundwater Study Program:** The Arsenic  
17 Groundwater project variance is \$39,347, or 68.4 percent  
18 less than projected. This variance is due to ongoing  
19 negotiations with the FDEP regarding groundwater  
20 treatment at Bayside Station.

21 ▪ **Big Bend Unit 1 SCR:** The Big Bend Unit 1 SCR project  
22 variance is \$404,013, or 17.2 percent less than  
23 projected. This variance is due to an outage that  
24 decreased the amount of ammonia consumed, compared to  
25 projections.



- 1       ▪ **Big Bend Unit 2 SCR:** The Big Bend Unit 2 SCR project  
2       variance is \$620,109, or 33 percent less than projected.  
3       This variance is due to an outage that decreased the  
4       amount of ammonia consumed, compared to projections.  
5       Additionally, less maintenance than projected was needed.
- 6       ▪ **Mercury Air Toxics Standards:** The Mercury Air Toxics  
7       Standards ("MATS") project variance is \$99,263, or 54.1  
8       percent less than originally projected. The projected  
9       costs include contractor labor expenses; however, the  
10      company was able to utilize internal labor rather than  
11      contractor labor. Internal labor costs are not recovered  
12      through the environmental clause.
- 13     ▪ **Big Bend Gypsum Storage Facility:** The Big Bend Gypsum  
14      Storage Facility project variance is \$1,085,564, or 101.3  
15      percent greater than projected. This variance is due to  
16      an error in the projection of costs associated with this  
17      project that caused the projected costs to be  
18      understated.

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**Q.** Does this conclude your testimony?

**A.** Yes, it does.

**INDEX**

**TAMPA ELECTRIC COMPANY  
ENVIRONMENTAL COST RECOVERY CLAUSE**

**FINAL TRUE-UP AMOUNT FOR THE PERIOD OF  
JANUARY 2015 THROUGH DECEMBER 2015**

**FORMS 42-1A THROUGH 42-9A**

<b><u>DOCUMENT NO.</u></b>	<b><u>TITLE</u></b>	<b><u>PAGE</u></b>
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2	Form 42-2A	12
3	Form 42-3A	13
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5	Form 42-5A	15
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8	Form 42-8A	18
9	Form 42-9A	43

**Tampa Electric Company**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**  
(in Dollars)

Form 42 - 1A

<u>Line</u>	<u>Period Amount</u>
1. End of Period Actual True-Up for the Period January 2015 to December 2015 (Form 42-2A, Lines 5 + 6 + 10)	\$6,256,457
2. Actual/Estimated True-Up Amount Approved for the Period January 2015 to December 2015 (Order No. PSC-15-0536-FOF-EI)	<u>4,535,273</u>
3. Final True-Up to be Refunded/(Recovered) in the Projection Period January 2017 to December 2017 (Lines 1 - 2)	<u>\$1,721,184</u>

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

**Current Period True-Up Amount**  
 (in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. ECRC Revenues (net of Revenue Taxes)	\$5,651,676	\$5,285,880	\$5,413,142	\$6,085,000	\$6,509,236	\$7,216,835	\$7,479,570	\$7,044,377	\$7,377,133	\$6,832,819	\$6,312,855	\$5,809,601	\$77,018,124
2. True-Up Provision	741,062	741,062	741,062	741,062	741,062	741,062	741,062	741,062	741,062	741,062	741,062	741,066	8,892,748
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	6,392,738	6,026,942	6,154,204	6,826,062	7,250,298	7,957,897	8,220,632	7,785,439	8,118,195	7,573,881	7,053,917	6,550,667	85,910,872
4. Jurisdictional ECRC Costs													
a. O & M Activities (Form 42-5A, Line 9)	2,276,795	1,920,574	1,722,232	1,774,001	2,590,735	2,578,303	2,033,433	1,826,016	1,842,047	1,869,365	1,927,187	2,092,041	24,452,729
b. Capital Investment Projects (Form 42-7A, Line 9)	4,661,016	4,652,145	4,641,288	4,630,346	4,622,601	4,616,582	4,570,983	4,566,115	4,562,004	4,560,158	4,556,517	4,564,623	55,204,378
c. Total Jurisdictional ECRC Costs	6,937,811	6,572,719	6,363,520	6,404,347	7,213,336	7,194,885	6,604,416	6,392,131	6,404,051	6,429,523	6,483,704	6,656,664	79,657,107
5. Over/Under Recovery (Line 3 - Line 4c)	(545,073)	(545,777)	(209,316)	421,715	36,962	763,012	1,616,216	1,393,308	1,714,144	1,144,358	570,213	(105,997)	6,253,765
6. Interest Provision (Form 42-3A, Line 10)	347	244	154	78	55	35	71	149	247	316	360	636	2,692
7. Beginning Balance True-Up & Interest Provision	8,892,748	7,606,960	6,320,365	5,370,141	5,050,872	4,346,827	4,368,812	5,244,037	5,896,432	6,869,761	7,273,373	7,102,884	8,892,748
a. Deferred True-Up from January to December 2014 (Order No. PSC-15-0536-FOF-EI)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)	(3,915,636)
8. True-Up Collected/(Refunded) (see Line 2)	(741,062)	(741,062)	(741,062)	(741,062)	(741,062)	(741,062)	(741,062)	(741,062)	(741,062)	(741,062)	(741,062)	(741,066)	(8,892,748)
9. End of Period Total True-Up (Lines 5+6+7+7a+8)	3,691,324	2,404,729	1,454,505	1,135,236	431,191	453,176	1,328,401	1,980,796	2,954,125	3,357,737	3,187,248	2,340,821	2,340,821
10. Adjustment to Period True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11. End of Period Total True-Up (Lines 9 + 10)	\$3,691,324	\$2,404,729	\$1,454,505	\$1,135,236	\$431,191	\$453,176	\$1,328,401	\$1,980,796	\$2,954,125	\$3,357,737	\$3,187,248	\$2,340,821	\$2,340,821

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42 - 3A

**Interest Provision**  
 (in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. Beginning True-Up Amount (Form 42-2A, Line 7 + 7a + 10)	\$4,977,112	\$3,691,324	\$2,404,729	\$1,454,505	\$1,135,236	\$431,191	\$453,176	\$1,328,401	\$1,980,796	\$2,954,125	\$3,357,737	\$3,187,248	
2. Ending True-Up Amount Before Interest	3,690,977	2,404,485	1,454,351	1,135,158	431,136	453,141	1,328,330	1,980,647	2,953,878	3,357,421	3,186,888	2,340,185	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	8,668,089	6,095,809	3,859,080	2,589,663	1,566,372	884,332	1,781,506	3,309,048	4,934,674	6,311,546	6,544,625	5,527,433	
4. Average True-Up Amount (Line 3 x 1/2)	4,334,045	3,047,905	1,929,540	1,294,832	783,186	442,166	890,753	1,654,524	2,467,337	3,155,773	3,272,313	2,763,717	
5. Interest Rate (First Day of Reporting Business Month)	0.10%	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.11%	0.11%	0.13%	0.12%	0.15%	
6. Interest Rate (First Day of Subsequent Business Month)	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.11%	0.11%	0.13%	0.12%	0.15%	0.40%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.20%	0.19%	0.18%	0.15%	0.16%	0.18%	0.19%	0.22%	0.24%	0.25%	0.27%	0.55%	
8. Average Interest Rate (Line 7 x 1/2)	0.100%	0.095%	0.090%	0.075%	0.080%	0.090%	0.095%	0.110%	0.120%	0.125%	0.135%	0.275%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.008%	0.008%	0.008%	0.006%	0.007%	0.008%	0.008%	0.009%	0.010%	0.010%	0.011%	0.023%	
10. Interest Provision for the Month (Line 4 x Line 9)	\$347	\$244	\$154	\$78	\$55	\$35	\$71	\$149	\$247	\$316	\$360	\$636	\$2,692

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42 - 4A

**Variance Report of O & M Activities**  
 (In Dollars)

Line	(1)	(2)	(3)	(4)
	Actual	Actual/Estimated Projection	Variance Amount	Percent
1. Description of O&M Activities				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$5,390,035	\$5,607,172	(\$217,137)	-3.9%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0.0%
c. SO <sub>2</sub> Emissions Allowances	94	15,198	(15,104)	-99.4%
d. Big Bend Units 1 & 2 FGD	8,848,824	8,789,921	58,904	0.7%
e. Big Bend PM Minimization and Monitoring	851,380	904,608	(53,228)	-5.9%
f. Big Bend NO <sub>x</sub> Emissions Reduction	58,341	109,491	(51,150)	-46.7%
g. NPDES Annual Surveillance Fees	34,500	34,500	0	0.0%
h. Gannon Thermal Discharge Study	0	0	0	0.0%
i. Polk NO <sub>x</sub> Emissions Reduction	8,306	10,321	(2,015)	-19.5%
j. Bayside SCR Consumables	204,489	150,590	53,899	35.8%
k. Big Bend Unit 4 SOFA	0	24,000	(24,000)	-100.0%
l. Big Bend Unit 1 Pre-SCR	23,835	128,649	(104,814)	-81.5%
m. Big Bend Unit 2 Pre-SCR	35,467	52,505	(17,038)	-32.5%
n. Big Bend Unit 3 Pre-SCR	17,543	24,000	(6,457)	-26.9%
o. Clean Water Act Section 316(b) Phase II Study	61,025	370,652	(309,627)	-83.5%
p. Arsenic Groundwater Standard Program	18,213	57,560	(39,347)	-68.4%
q. Big Bend 1 SCR	1,943,493	2,347,505	(404,013)	-17.2%
r. Big Bend 2 SCR	1,258,511	1,878,619	(620,109)	-33.0%
s. Big Bend 3 SCR	2,224,695	2,230,792	(6,097)	-0.3%
t. Big Bend 4 SCR	1,128,996	1,172,664	(43,667)	-3.7%
u. Mercury Air Toxics Standards	84,129	183,392	(99,263)	-54.1%
v. Greenhouse Gas Reduction Program	97,411	97,411	0	0.0%
w. Big Bend Gypsum Storage Facility	2,157,669	1,072,105	1,085,564	101.3%
x. Coal Combustion Residuals (CCR) Rule	5,774	0	5,774	0.0%
2. Total Investment Projects - Recoverable Costs	\$24,452,728	\$25,261,654	(\$808,925)	-3.2%
3. Recoverable Costs Allocated to Energy	\$24,338,991	\$24,798,943	(\$459,951)	-1.9%
4. Recoverable Costs Allocated to Demand	\$113,737	\$462,711	(\$348,974)	-75.4%

**Notes:**

Column (1) is the End of Period Totals on Form 42-5A.  
 Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-15-0536-FOF-EI.  
 Column (3) = Column (1) - Column (2)  
 Column (4) = Column (3) / Column (2)

**Tampa Electric Company**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

**O&M Activities**  
(in Dollars)

Line	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of	Method of Classification	
	January	February	March	April	May	June	July	August	September	October	November	December	Total	Demand	Energy	
1.	Description of O&M Activities															
a.	\$383,586	\$347,546	\$389,623	\$458,524	\$744,677	\$572,916	\$507,163	\$461,592	\$435,862	\$236,583	\$266,817	\$585,146	\$5,390,035		\$5,390,035	
b.	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
c.	(144)	30	58	(267)	70	165	(10)	149	21	(25)	33	14	94		94	
d.	459,746	727,708	657,506	813,413	1,043,833	1,090,810	750,574	663,433	721,542	483,821	452,261	984,178	8,848,824		8,848,824	
e.	117,649	70,805	72,987	41,714	89,502	61,951	71,223	67,418	77,272	57,866	65,495	57,497	851,380		851,380	
f.	3,371	2,402	5,048	31	10,320	28,319	0	59	735	3	8,033	20	58,341		58,341	
g.	34,500	0	0	0	0	0	0	0	0	0	0	0	34,500	\$34,500		
h.	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
i.	392	929	0	0	0	0	1,410	971	2,424	1,104	147	929	8,306		8,306	
j.	0	13,380	12,059	12,926	12,080	22,146	28,553	26,687	15,012	42,679	4,462	14,507	204,489		204,489	
k.	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
l.	800	0	7,909	815	3,134	1,991	8,461	0	725	0	0	0	23,835		23,835	
m.	0	5,828	6,423	12,725	0	3,528	5,945	477	0	540	0	0	35,467		35,467	
n.	0	0	0	\$3,077	(\$3,077)	\$0	\$1,952	\$132	\$10,005	\$4,048	\$593	\$815	\$17,543		\$17,543	
o.	0	2	8	642	0	0	15,974	1,242	8,799	9,633	6,339	18,386	61,025	61,025		
p.	62	(2,686)	55	46	38	45	12,875	5,048	55	54	2,246	375	18,213	18,213		
q.	256,300	307,333	253,181	148,925	200,385	260,894	211,035	82,082	56,868	93,932	41,062	31,496	1,943,493		1,943,493	
r.	197,112	33,361	67,253	\$59,460	\$116,288	\$127,306	\$39,492	\$20,369	\$176,031	\$123,979	\$199,410	\$98,449	\$1,258,511		\$1,258,511	
s.	469,047	105,551	47,859	98,352	214,801	255,010	204,584	242,389	193,273	156,582	138,058	99,189	2,224,695		2,224,695	
t.	251,370	115,299	59,864	40,244	68,477	70,634	61,292	160,212	92,594	83,278	78,959	46,775	1,128,996		1,128,996	
u.	0	203	49,311	5,152	247	10,229	267	2,788	480	3,928	6,014	5,509	84,129		84,129	
v.	61	90,000	7,805	0	(455)	0	0	0	0	0	0	0	97,411		97,411	
w.	102,943	102,884	85,284	78,220	90,415	72,359	112,641	90,969	50,349	571,361	657,260	142,983	2,157,669		2,157,669	
x.	0	0	0	0	0	0	0	0	0	0	0	5,774	5,774		5,774	
2.	2,276,795	1,920,574	1,722,232	1,774,001	2,590,735	2,578,303	2,033,433	1,826,016	1,842,047	1,869,365	1,927,187	2,092,041	24,452,728	\$113,737	\$24,338,991	
3.	2,242,233	1,923,258	1,722,170	1,773,313	2,590,697	2,578,258	2,004,584	1,819,725	1,833,193	1,859,678	1,918,602	2,073,281	24,338,991			
4.	34,562	(2,684)	62	688	38	45	28,849	6,291	8,854	9,687	8,585	18,760	113,737			
5.	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000				
6.	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000				
7.	2,242,233	1,923,258	1,722,170	1,773,313	2,590,697	2,578,258	2,004,584	1,819,725	1,833,193	1,859,678	1,918,602	2,073,281	24,338,992			
8.	34,562	(2,684)	62	688	38	45	28,849	6,291	8,854	9,687	8,585	18,760	113,737			
9.	\$2,276,795	\$1,920,574	\$1,722,232	\$1,774,001	\$2,590,735	\$2,578,303	\$2,033,433	\$1,826,016	1,842,047	1,869,365	\$1,927,187	\$2,092,041	\$24,452,729			

**Notes:**  
(A) Line 3 x Line 5  
(B) Line 4 x Line 6

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**Tampa Electric Company**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42 - 6A

**Variance Report of Capital Investment Projects - Recoverable Costs**  
(In Dollars)

Line	(1) Actual	(2) Actual/Estimated Projection	(3) Variance Amount	(4) Percent
1. Description of Investment Projects				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$1,164,677	\$1,164,812	(\$135)	0.0%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	313,556	313,558	(2)	0.0%
c. Big Bend Unit 4 Continuous Emissions Monitors	63,362	63,363	(1)	0.0%
d. Big Bend Fuel Oil Tank # 1 Upgrade	41,015	41,016	(1)	0.0%
e. Big Bend Fuel Oil Tank # 2 Upgrade	67,457	67,457	0	0.0%
f. Big Bend Unit 1 Classifier Replacement	100,324	100,325	(1)	0.0%
g. Big Bend Unit 2 Classifier Replacement	72,407	72,408	(1)	0.0%
h. Big Bend Section 114 Mercury Testing Platform	10,535	10,535	0	0.0%
i. Big Bend Units 1 & 2 FGD	7,251,234	7,284,957	(33,723)	-0.5%
j. Big Bend FGD Optimization and Utilization	1,839,585	1,839,605	(20)	0.0%
k. Big Bend NO <sub>x</sub> Emissions Reduction	608,598	608,606	(8)	0.0%
l. Big Bend PM Minimization and Monitoring	1,851,601	1,846,455	5,146	0.3%
m. Polk NO <sub>x</sub> Emissions Reduction	139,868	139,869	(1)	0.0%
n. Big Bend Unit 4 SOFA	243,590	243,592	(2)	0.0%
o. Big Bend Unit 1 Pre-SCR	170,016	170,018	(2)	0.0%
p. Big Bend Unit 2 Pre-SCR	161,260	161,262	(2)	0.0%
q. Big Bend Unit 3 Pre-SCR	286,878	286,881	(3)	0.0%
r. Big Bend Unit 1 SCR	9,703,237	9,703,343	(106)	0.0%
s. Big Bend Unit 2 SCR	10,284,667	10,278,852	5,815	0.1%
t. Big Bend Unit 3 SCR	8,408,727	8,397,829	10,898	0.1%
u. Big Bend Unit 4 SCR	6,393,283	6,392,540	743	0.0%
v. Big Bend FGD System Reliability	2,543,340	2,543,372	(32)	0.0%
w. Mercury Air Toxics Standards	980,192	981,575	(1,383)	-0.1%
x. SO <sub>2</sub> Emissions Allowances	(3,206)	(3,214)	8	-0.2%
y. Big Bend Gypsum Storage Facility	2,508,175	2,503,343	4,832	0.2%
2. Total Investment Projects - Recoverable Costs	\$55,204,378	\$55,212,359	(\$7,981)	0.0%
3. Recoverable Costs Allocated to Energy	\$55,095,906	\$55,103,886	(\$7,980)	0.0%
4. Recoverable Costs Allocated to Demand	\$108,472	\$108,473	(\$1)	0.0%

**Notes:**

Column (1) is the End of Period Totals on Form 42-7A.  
Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-15-0536-FOF-EI.  
Column (3) = Column (1) - Column (2)  
Column (4) = Column (3) / Column (2)



**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

**Capital Investment Projects-Recoverable Costs**  
 (in Dollars)

Line	Description (A)		Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of	Method of Classification	
			January	February	March	April	May	June	July	August	September	October	November	December	Period Total	Demand	Energy
1.	a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	\$98,209	\$98,182	\$98,078	\$97,932	\$97,806	\$97,649	\$96,582	\$96,427	\$96,239	\$96,051	\$95,862	\$95,660	\$1,164,677		\$1,164,677
	b.	Big Bend Units 1 and 2 Flue Gas Conditioning	26,867	26,744	26,621	26,499	26,376	26,253	26,002	25,881	25,760	25,639	25,517	25,397	313,556		313,556
	c.	Big Bend Unit 4 Continuous Emissions Monitors	5,395	5,378	5,361	5,343	5,326	5,308	5,251	5,235	5,217	5,200	5,182	5,166	63,362		63,362
	d.	Big Bend Fuel Oil Tank # 1 Upgrade	3,490	3,479	3,468	3,458	3,446	3,436	3,399	3,389	3,379	3,367	3,357	3,347	41,015	\$41,015	
	e.	Big Bend Fuel Oil Tank # 2 Upgrade	5,739	5,722	5,704	5,686	5,669	5,651	5,591	5,574	5,556	5,539	5,522	5,504	67,457	67,457	
	f.	Big Bend Unit 1 Classifier Replacement	8,569	8,535	8,502	8,468	8,435	8,403	8,317	8,285	8,252	8,219	8,186	8,153	100,324		100,324
	g.	Big Bend Unit 2 Classifier Replacement	6,179	6,156	6,134	6,111	6,088	6,065	6,003	5,990	5,957	5,934	5,911	5,889	72,407		72,407
	h.	Big Bend Section 114 Mercury Testing Platform	894	892	889	887	885	883	873	871	869	866	864	862	10,535		10,535
	i.	Big Bend Units 1 & 2 FGD	616,852	615,041	613,136	611,217	609,272	607,323	600,882	598,958	597,033	595,198	593,818	592,504	7,251,234		7,251,234
	j.	Big Bend FGD Optimization and Utilization	155,884	155,540	155,196	154,852	154,508	154,164	152,423	152,083	151,744	151,403	151,064	150,724	1,839,585		1,839,585
	k.	Big Bend NO <sub>x</sub> Emissions Reduction	51,404	51,326	51,248	51,171	51,094	51,016	50,414	50,338	50,261	50,185	50,108	50,033	608,598		608,598
	l.	Big Bend PM Minimization and Monitoring	146,155	146,088	146,137	146,299	146,581	147,285	148,449	153,359	158,860	163,073	166,879	182,436	1,851,601		1,851,601
	m.	Polk NO <sub>x</sub> Emissions Reduction	11,887	11,853	11,820	11,786	11,753	11,718	11,591	11,558	11,525	11,492	11,459	11,426	139,868		139,868
	n.	Big Bend Unit 4 SOFA	20,656	20,607	20,558	20,509	20,462	20,413	20,184	20,136	20,089	20,040	19,992	19,944	243,590		243,590
	o.	Big Bend Unit 1 Pre-SCR	14,453	14,412	14,369	14,328	14,286	14,244	14,091	14,049	14,008	13,967	13,925	13,884	170,016		170,016
	p.	Big Bend Unit 2 Pre-SCR	13,697	13,660	13,623	13,586	13,549	13,511	13,364	13,327	13,291	13,254	13,217	13,181	161,260		161,260
	q.	Big Bend Unit 3 Pre-SCR	24,341	24,281	24,220	24,160	24,099	24,039	23,772	23,713	23,653	23,593	23,533	23,474	286,878		286,878
	r.	Big Bend Unit 1 SCR	824,713	822,364	820,015	817,666	815,317	812,968	804,165	801,846	799,526	797,206	794,885	792,566	9,703,237		9,703,237
	s.	Big Bend Unit 2 SCR	866,209	865,801	863,548	861,273	861,839	862,777	851,596	849,428	849,428	851,800	849,492	847,182	10,284,667		10,284,667
	t.	Big Bend Unit 3 SCR	713,051	711,170	709,289	707,408	705,527	703,646	695,917	694,060	692,203	690,351	692,178	693,927	8,408,727		8,408,727
	u.	Big Bend Unit 4 SCR	540,292	538,957	537,643	536,348	535,033	533,698	529,507	529,858	529,978	528,684	527,323	525,962	6,393,283		6,393,283
	v.	Big Bend FGD System Reliability	215,122	214,732	214,343	213,953	213,563	213,173	210,704	210,320	209,935	209,550	209,165	208,780	2,543,340		2,543,340
	w.	Mercury Air Toxics Standards	81,509	81,364	81,231	81,171	81,655	82,990	82,109	81,959	81,796	81,633	81,469	81,306	980,192		980,192
	x.	SO <sub>2</sub> Emissions Allowances (B)	(271)	(270)	(270)	(270)	(269)	(269)	(265)	(265)	(265)	(264)	(264)	(264)	(3,206)		(3,206)
	y.	Big Bend Gypsum Storage Facility	209,720	210,131	210,425	210,505	210,301	210,238	207,936	207,578	207,710	208,178	207,873	207,580	2,508,175		2,508,175
2.		Total Investment Projects - Recoverable Costs	4,661,016	4,652,145	4,641,288	4,630,346	4,622,601	4,616,582	4,570,983	4,566,115	4,562,004	4,560,158	4,556,517	4,564,623	55,204,378	\$108,472	\$55,095,906
3.		Recoverable Costs Allocated to Energy	4,651,787	4,642,944	4,632,116	4,621,202	4,613,486	4,607,495	4,561,993	4,557,152	4,553,069	4,551,252	4,547,638	4,555,772	55,095,906		55,095,906
4.		Recoverable Costs Allocated to Demand	9,229	9,201	9,172	9,144	9,115	9,087	8,990	8,963	8,935	8,906	8,879	8,851	108,472	108,472	
5.		Retail Energy Jurisdictional Factor	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000			
6.		Retail Demand Jurisdictional Factor	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000			
7.		Jurisdictional Energy Recoverable Costs (C)	4,651,787	4,642,944	4,632,116	4,621,202	4,613,486	4,607,495	4,561,993	4,557,152	4,553,069	4,551,252	4,547,638	4,555,772	55,095,906		55,095,906
8.		Jurisdictional Demand Recoverable Costs (D)	9,229	9,201	9,172	9,144	9,115	9,087	8,990	8,963	8,935	8,906	8,879	8,851	108,472		108,472
9.		Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	\$4,661,016	\$4,652,145	\$4,641,288	\$4,630,346	\$4,622,601	\$4,616,582	\$4,570,983	\$4,566,115	\$4,562,004	\$4,560,158	\$4,556,517	\$4,564,623	\$55,204,378		\$55,095,906

**Notes:**

- (A) Each project's Total System Recoverable Expenses on Form 42-8A, Line 9
- (B) Project's Total Return Component on Form 42-8A, Line 6
- (C) Line 3 x Line 5
- (D) Line 4 x Line 6

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 3 Flue Gas Desulfurization Integration  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$27,809	\$21,113	\$7,639	\$9,849	\$13,142	\$1,349	\$9,402	\$5,032	\$874	\$4,989	\$721	\$1,303	\$103,223
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	320,365	320,365
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,756,140	
3.	Less: Accumulated Depreciation	(4,412,355)	(4,440,346)	(4,468,337)	(4,496,328)	(4,524,319)	(4,552,310)	(4,580,301)	(4,608,292)	(4,636,283)	(4,664,274)	(4,692,265)	(4,720,256)	(4,748,247)	
4.	CWIP - Non-Interest Bearing	217,142	244,951	266,063	273,702	283,552	296,694	298,043	307,445	312,477	313,351	318,340	319,061	(0)	
5.	Net Investment (Lines 2 + 3 + 4)	\$9,240,561	9,240,379	9,233,501	9,213,149	9,195,007	9,180,158	9,153,517	9,134,927	9,111,968	9,084,851	9,061,850	9,034,580	9,007,892	
6.	Average Net Investment		9,240,470	9,236,940	9,223,325	9,204,078	9,187,583	9,166,838	9,144,222	9,123,448	9,098,410	9,073,351	9,048,215	9,021,236	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$54,553	\$54,532	\$54,451	\$54,338	\$54,240	\$54,118	\$53,754	\$53,632	\$53,485	\$53,338	\$53,190	\$53,031	\$646,662
b.	Debt Component Grossed Up For Taxes (C)		15,665	15,659	15,636	15,603	15,575	15,540	14,837	14,804	14,763	14,722	14,681	14,638	182,123
8.	Investment Expenses														
a.	Depreciation (D)		\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$335,892
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		98,209	98,182	98,078	97,932	97,806	97,649	96,582	96,427	96,239	96,051	95,862	95,660	1,164,677
a.	Recoverable Costs Allocated to Energy		98,209	98,182	98,078	97,932	97,806	97,649	96,582	96,427	96,239	96,051	95,862	95,660	1,164,677
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		98,209	98,182	98,078	97,932	97,806	97,649	96,582	96,427	96,239	96,051	95,862	95,660	1,164,677
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$98,209	\$98,182	\$98,078	\$97,932	\$97,806	\$97,649	\$96,582	\$96,427	\$96,239	\$96,051	\$95,862	\$95,660	\$1,164,677

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.45 (\$13,435,775) and 315.45 (\$320,365)
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 2.5% and 3.1%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Units 1 and 2 Flue Gas Conditioning  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	
3.	Less: Accumulated Depreciation	(3,598,202)	(3,614,343)	(3,630,484)	(3,646,625)	(3,662,766)	(3,678,907)	(3,695,048)	(3,711,189)	(3,727,330)	(3,743,471)	(3,759,612)	(3,775,753)	(3,791,894)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$1,419,532	1,403,391	1,387,250	1,371,109	1,354,968	1,338,827	1,322,686	1,306,545	1,290,404	1,274,263	1,258,122	1,241,981	1,225,840	
6.	Average Net Investment		1,411,462	1,395,321	1,379,180	1,363,039	1,346,898	1,330,757	1,314,616	1,298,475	1,282,334	1,266,193	1,250,052	1,233,911	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$8,333	\$8,238	\$8,142	\$8,047	\$7,952	\$7,856	\$7,728	\$7,633	\$7,538	\$7,443	\$7,348	\$7,254	\$93,512
	b. Debt Component Grossed Up For Taxes (C)		2,393	2,365	2,338	2,311	2,283	2,256	2,133	2,107	2,081	2,055	2,028	2,002	26,352
8.	Investment Expenses														
	a. Depreciation (D)		\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$16,141	\$193,692
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		26,867	26,744	26,621	26,499	26,376	26,253	26,002	25,881	25,760	25,639	25,517	25,397	313,556
	a. Recoverable Costs Allocated to Energy		26,867	26,744	26,621	26,499	26,376	26,253	26,002	25,881	25,760	25,639	25,517	25,397	313,556
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		26,867	26,744	26,621	26,499	26,376	26,253	26,002	25,881	25,760	25,639	25,517	25,397	313,556
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$26,867	\$26,744	\$26,621	\$26,499	\$26,376	\$26,253	\$26,002	\$25,881	\$25,760	\$25,639	\$25,517	\$25,397	\$313,556

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$2,676,217) and 312.42 (\$2,341,517)
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 4.0% and 3.7%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 4 Continuous Emissions Monitors  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	\$866,211	
3.	Less: Accumulated Depreciation	(459,005)	(461,315)	(463,625)	(465,935)	(468,245)	(470,555)	(472,865)	(475,175)	(477,485)	(479,795)	(482,105)	(484,415)	(486,725)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$407,206	404,896	402,586	400,276	397,966	395,656	393,346	391,036	388,726	386,416	384,106	381,796	379,486	
6.	Average Net Investment		406,051	403,741	401,431	399,121	396,811	394,501	392,191	389,881	387,571	385,261	382,951	380,641	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$2,397	\$2,384	\$2,370	\$2,356	\$2,343	\$2,329	\$2,305	\$2,292	\$2,278	\$2,265	\$2,251	\$2,238	\$27,808
	b. Debt Component Grossed Up For Taxes (C)		688	684	681	677	673	669	636	633	629	625	621	618	7,834
8.	Investment Expenses														
	a. Depreciation (D)		\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$2,310	\$27,720
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		5,395	5,378	5,361	5,343	5,326	5,308	5,251	5,235	5,217	5,200	5,182	5,166	63,362
	a. Recoverable Costs Allocated to Energy		5,395	5,378	5,361	5,343	5,326	5,308	5,251	5,235	5,217	5,200	5,182	5,166	63,362
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		5,395	5,378	5,361	5,343	5,326	5,308	5,251	5,235	5,217	5,200	5,182	5,166	63,362
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$5,395	\$5,378	\$5,361	\$5,343	\$5,326	\$5,308	\$5,251	\$5,235	\$5,217	\$5,200	\$5,182	\$5,166	\$63,362

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 315.44
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.2%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Fuel Oil Tank # 1 Upgrade  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578
3.	Less: Accumulated Depreciation	(223,192)	(224,602)	(226,012)	(227,422)	(228,832)	(230,242)	(231,652)	(233,062)	(234,472)	(235,882)	(237,292)	(238,702)	(240,112)	(240,112)
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$274,386	272,976	271,566	270,156	268,746	267,336	265,926	264,516	263,106	261,696	260,286	258,876	257,466	
6.	Average Net Investment		273,681	272,271	270,861	269,451	268,041	266,631	265,221	263,811	262,401	260,991	259,581	258,171	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$1,616	\$1,607	\$1,599	\$1,591	\$1,582	\$1,574	\$1,559	\$1,551	\$1,543	\$1,534	\$1,526	\$1,518	\$18,800
b.	Debt Component Grossed Up For Taxes (C)		464	462	459	457	454	452	430	428	426	423	421	419	5,295
8.	Investment Expenses														
a.	Depreciation (D)		\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$1,410	\$16,920
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		3,490	3,479	3,468	3,458	3,446	3,436	3,399	3,389	3,379	3,367	3,357	3,347	41,015
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		3,490	3,479	3,468	3,458	3,446	3,436	3,399	3,389	3,379	3,367	3,357	3,347	41,015
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		3,490	3,479	3,468	3,458	3,446	3,436	3,399	3,389	3,379	3,367	3,357	3,347	41,015
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,490	\$3,479	\$3,468	\$3,458	\$3,446	\$3,436	\$3,399	\$3,389	\$3,379	\$3,367	\$3,357	\$3,347	\$41,015

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.40
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.4%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Fuel Oil Tank # 2 Upgrade  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401
3.	Less: Accumulated Depreciation	(367,108)	(369,427)	(371,746)	(374,065)	(376,384)	(378,703)	(381,022)	(383,341)	(385,660)	(387,979)	(390,298)	(392,617)	(394,936)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$451,293	448,974	446,655	444,336	442,017	439,698	437,379	435,060	432,741	430,422	428,103	425,784	423,465	
6.	Average Net Investment		450,134	447,815	445,496	443,177	440,858	438,539	436,220	433,901	431,582	429,263	426,944	424,625	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$2,657	\$2,644	\$2,630	\$2,616	\$2,603	\$2,589	\$2,564	\$2,551	\$2,537	\$2,523	\$2,510	\$2,496	\$30,920
b.	Debt Component Grossed Up For Taxes (C)		763	759	755	751	747	743	708	704	700	697	693	689	8,709
8.	Investment Expenses														
a.	Depreciation (D)		\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$2,319	\$27,828
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		5,739	5,722	5,704	5,686	5,669	5,651	5,591	5,574	5,556	5,539	5,522	5,504	67,457
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		5,739	5,722	5,704	5,686	5,669	5,651	5,591	5,574	5,556	5,539	5,522	5,504	67,457
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
12.	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13.	Retail Demand-Related Recoverable Costs (F)		5,739	5,722	5,704	5,686	5,669	5,651	5,591	5,574	5,556	5,539	5,522	5,504	67,457
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$5,739	\$5,722	\$5,704	\$5,686	\$5,669	\$5,651	\$5,591	\$5,574	\$5,556	\$5,539	\$5,522	\$5,504	\$67,457

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.40
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.4%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 1 Classifier Replacement  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	
3.	Less: Accumulated Depreciation	(763,880)	(768,268)	(772,656)	(777,044)	(781,432)	(785,820)	(790,208)	(794,596)	(798,984)	(803,372)	(807,760)	(812,148)	(816,536)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$552,377	547,989	543,601	539,213	534,825	530,437	526,049	521,661	517,273	512,885	508,497	504,109	499,721	
6.	Average Net Investment		550,183	545,795	541,407	537,019	532,631	528,243	523,855	519,467	515,079	510,691	506,303	501,915	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$3,248	\$3,222	\$3,196	\$3,170	\$3,144	\$3,119	\$3,079	\$3,054	\$3,028	\$3,002	\$2,976	\$2,951	\$37,189
b.	Debt Component Grossed Up For Taxes (C)		933	925	918	910	903	896	850	843	836	829	822	814	10,479
8.	Investment Expenses														
a.	Depreciation (D)		\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$4,388	\$52,656
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		8,569	8,535	8,502	8,468	8,435	8,403	8,317	8,285	8,252	8,219	8,186	8,153	100,324
a.	Recoverable Costs Allocated to Energy		8,569	8,535	8,502	8,468	8,435	8,403	8,317	8,285	8,252	8,219	8,186	8,153	100,324
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		8,569	8,535	8,502	8,468	8,435	8,403	8,317	8,285	8,252	8,219	8,186	8,153	100,324
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$8,569	\$8,535	\$8,502	\$8,468	\$8,435	\$8,403	\$8,317	\$8,285	\$8,252	\$8,219	\$8,186	\$8,153	\$100,324

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.41
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 4.0%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 2 Classifier Replacement  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794
3.	Less: Accumulated Depreciation	(569,574)	(572,610)	(575,646)	(578,682)	(581,718)	(584,754)	(587,790)	(590,826)	(593,862)	(596,898)	(599,934)	(602,970)	(606,006)	(606,006)
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$415,220	412,184	409,148	406,112	403,076	400,040	397,004	393,968	390,932	387,896	384,860	381,824	378,788	
6.	Average Net Investment		413,702	410,666	407,630	404,594	401,558	398,522	395,486	392,450	389,414	386,378	383,342	380,306	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$2,442	\$2,424	\$2,407	\$2,389	\$2,371	\$2,353	\$2,325	\$2,307	\$2,289	\$2,271	\$2,253	\$2,236	\$28,067
	b. Debt Component Grossed Up For Taxes (C)		701	696	691	686	681	676	642	637	632	627	622	617	7,908
8.	Investment Expenses														
	a. Depreciation (D)		\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$3,036	\$36,432
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		6,179	6,156	6,134	6,111	6,088	6,065	6,003	5,980	5,957	5,934	5,911	5,889	72,407
	a. Recoverable Costs Allocated to Energy		6,179	6,156	6,134	6,111	6,088	6,065	6,003	5,980	5,957	5,934	5,911	5,889	72,407
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		6,179	6,156	6,134	6,111	6,088	6,065	6,003	5,980	5,957	5,934	5,911	5,889	72,407
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
15.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$6,179	\$6,156	\$6,134	\$6,111	\$6,088	\$6,065	\$6,003	\$5,980	\$5,957	\$5,934	\$5,911	\$5,889	\$72,407

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.42
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.7%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Section 114 Mercury Testing Platform  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	
3.	Less: Accumulated Depreciation	(41,395)	(41,687)	(41,979)	(42,271)	(42,563)	(42,855)	(43,147)	(43,439)	(43,731)	(44,023)	(44,315)	(44,607)	(44,899)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$79,342	79,050	78,758	78,466	78,174	77,882	77,590	77,298	77,006	76,714	76,422	76,130	75,838	
6.	Average Net Investment		79,196	78,904	78,612	78,320	78,028	77,736	77,444	77,152	76,860	76,568	76,276	75,984	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$468	\$466	\$464	\$462	\$461	\$459	\$455	\$454	\$452	\$450	\$448	\$447	\$5,486
b.	Debt Component Grossed Up For Taxes (C)		134	134	133	133	132	132	126	125	125	124	124	123	1,545
8.	Investment Expenses														
a.	Depreciation (D)		\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$292	\$3,504
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		894	892	889	887	885	883	873	871	869	866	864	862	10,535
a.	Recoverable Costs Allocated to Energy		894	892	889	887	885	883	873	871	869	866	864	862	10,535
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		894	892	889	887	885	883	873	871	869	866	864	862	10,535
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$894	\$892	\$889	\$887	\$885	\$883	\$873	\$871	\$869	\$866	\$864	\$862	\$10,535

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.40
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 2.9%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Units 1 and 2 FGD  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$18,518	\$4,309	\$4,218	\$734	\$0	\$0	\$0	\$0	\$0	\$23,759	\$3,544	\$1,218	\$56,301
b.	Clearings to Plant		18,518	4,309	4,218	734	0	\$0	0	0	0	23,759	104,179	1,218	156,936
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		86,773	55,920	46,371	41,112	34,814	20,861	71,004	52,283	88,903	55,423	12,070	8,737	574,270
2.	Plant-in-Service/Depreciation Base (A)	\$93,268,465	\$93,286,983	\$93,291,292	\$93,295,511	\$93,296,244	\$93,296,244	\$93,296,244	\$93,296,244	\$93,296,244	\$93,296,244	\$93,320,003	\$93,424,182	\$93,425,401	
3.	Less: Accumulated Depreciation	(45,726,366)	(45,982,854)	(46,239,393)	(46,495,944)	(46,752,507)	(47,009,072)	(47,265,637)	(47,522,202)	(47,778,767)	(48,035,332)	(48,291,897)	(48,548,527)	(48,805,374)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$47,542,099	47,304,130	47,051,900	46,799,567	46,543,738	46,287,173	46,030,608	45,774,043	45,517,478	45,260,913	45,028,106	44,875,656	44,620,027	
6.	Average Net Investment		47,423,115	47,178,015	46,925,733	46,671,652	46,415,455	46,158,890	45,902,325	45,645,760	45,389,195	45,144,509	44,951,881	44,747,841	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$279,970	\$278,523	\$277,034	\$275,534	\$274,021	\$272,507	\$269,837	\$268,329	\$266,820	\$265,382	\$264,250	\$263,050	\$3,255,257
b.	Debt Component Grossed Up For Taxes (C)		80,394	79,979	79,551	79,120	78,686	78,251	74,480	74,064	73,648	73,251	72,938	72,607	916,969
8.	Investment Expenses														
a.	Depreciation (D)		\$256,488	\$256,539	\$256,551	\$256,563	\$256,565	\$256,565	\$256,565	\$256,565	\$256,565	\$256,565	\$256,630	\$256,847	\$3,079,008
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		616,852	615,041	613,136	611,217	609,272	607,323	600,882	598,958	597,033	595,198	593,818	592,504	7,251,234
a.	Recoverable Costs Allocated to Energy		616,852	615,041	613,136	611,217	609,272	607,323	600,882	598,958	597,033	595,198	593,818	592,504	7,251,234
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		616,852	615,041	613,136	611,217	609,272	607,323	600,882	598,958	597,033	595,198	593,818	592,504	7,251,234
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$616,852	\$615,041	\$613,136	\$611,217	\$609,272	\$607,323	\$600,882	\$598,958	\$597,033	\$595,198	\$593,818	\$592,504	\$7,251,234

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.46 (\$93,320,003) and 312.45 (\$105,398)
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 3.3% and 2.5%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend FGD Optimization and Utilization  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737
3.	Less: Accumulated Depreciation	(7,161,061)	(7,206,335)	(7,251,609)	(7,296,883)	(7,342,157)	(7,387,431)	(7,432,705)	(7,477,979)	(7,523,253)	(7,568,527)	(7,613,801)	(7,659,075)	(7,704,349)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$14,578,676	14,533,402	14,488,128	14,442,854	14,397,580	14,352,306	14,307,032	14,261,758	14,216,484	14,171,210	14,125,936	14,080,662	14,035,388	
6.	Average Net Investment		14,556,039	14,510,765	14,465,491	14,420,217	14,374,943	14,329,669	14,284,395	14,239,121	14,193,847	14,148,573	14,103,299	14,058,025	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$85,934	\$85,667	\$85,399	\$85,132	\$84,865	\$84,598	\$83,971	\$83,705	\$83,439	\$83,172	\$82,906	\$82,640	\$1,011,428
b.	Debt Component Grossed Up For Taxes (C)		24,676	24,599	24,523	24,446	24,369	24,292	23,178	23,104	23,031	22,957	22,884	22,810	284,869
8.	Investment Expenses														
a.	Depreciation (D)		\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$45,274	\$543,288
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		155,884	155,540	155,196	154,852	154,508	154,164	152,423	152,083	151,744	151,403	151,064	150,724	1,839,585
a.	Recoverable Costs Allocated to Energy		155,884	155,540	155,196	154,852	154,508	154,164	152,423	152,083	151,744	151,403	151,064	150,724	1,839,585
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		155,884	155,540	155,196	154,852	154,508	154,164	152,423	152,083	151,744	151,403	151,064	150,724	1,839,585
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$155,884	\$155,540	\$155,196	\$154,852	\$154,508	\$154,164	\$152,423	\$152,083	\$151,744	\$151,403	\$151,064	\$150,724	\$1,839,585

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$21,699,919) and 311.45 (\$39,818)
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 2.5% and 2.0%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend NO<sub>x</sub> Emissions Reduction  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	
3.	Less: Accumulated Depreciation	2,238,603	2,228,419	2,218,235	2,208,051	2,197,867	2,187,683	2,177,499	2,167,315	2,157,131	2,146,947	2,136,763	2,126,579	2,116,395	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$5,429,455	5,419,271	5,409,087	5,398,903	5,388,719	5,378,535	5,368,351	5,358,167	5,347,983	5,337,799	5,327,615	5,317,431	5,307,247	
6.	Average Net Investment		5,424,363	5,414,179	5,403,995	5,393,811	5,383,627	5,373,443	5,363,259	5,353,075	5,342,891	5,332,707	5,322,523	5,312,339	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$32,024	\$31,964	\$31,903	\$31,843	\$31,783	\$31,723	\$31,528	\$31,468	\$31,408	\$31,348	\$31,288	\$31,229	\$379,509
	b. Debt Component Grossed Up For Taxes (C)		9,196	9,178	9,161	9,144	9,127	9,109	8,702	8,686	8,669	8,653	8,636	8,620	106,881
8.	Investment Expenses														
	a. Depreciation (D)		\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$10,184	\$122,208
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		51,404	51,326	51,248	51,171	51,094	51,016	50,414	50,338	50,261	50,185	50,108	50,033	608,598
	a. Recoverable Costs Allocated to Energy		51,404	51,326	51,248	51,171	51,094	51,016	50,414	50,338	50,261	50,185	50,108	50,033	608,598
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		51,404	51,326	51,248	51,171	51,094	51,016	50,414	50,338	50,261	50,185	50,108	50,033	608,598
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$51,404	\$51,326	\$51,248	\$51,171	\$51,094	\$51,016	\$50,414	\$50,338	\$50,261	\$50,185	\$50,108	\$50,033	\$608,598

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$1,675,171), 312.42 (\$1,075,718), and 312.43 (\$439,963).
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 4.0%, 3.7%, and 3.5%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Return on Capital Investments, Depreciation and Taxes  
 For Project: PM Minimization and Monitoring  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$8,148	\$67,250	\$38,405	\$97,254	\$70,112	\$207,934	\$541,385	\$860,860	\$698,699	\$517,697	\$590,096	(\$285,206)	\$3,412,634
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	4,445,370	(285,206)	\$4,160,165
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$15,439,547	\$19,884,917	\$19,599,712	
3.	Less: Accumulated Depreciation	(3,050,638)	(3,097,116)	(3,143,594)	(3,190,072)	(3,236,550)	(3,283,028)	(3,329,506)	(3,375,984)	(3,422,462)	(3,468,940)	(3,515,418)	(3,561,896)	(3,623,192)	
4.	CWIP - Non-Interest Bearing	747,531	755,679	822,929	861,334	958,587	1,028,699	1,236,634	1,778,019	2,638,879	3,337,578	3,855,275	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$13,136,441	13,098,110	13,118,882	13,110,809	13,161,585	13,185,218	13,346,675	13,841,582	14,655,964	15,308,185	15,779,404	16,323,022	15,976,520	
6.	Average Net Investment		13,117,275	13,108,496	13,114,845	13,136,197	13,173,402	13,265,947	13,594,128	14,248,773	14,982,075	15,543,795	16,051,213	16,149,771	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$77,440	\$77,388	\$77,426	\$77,552	\$77,771	\$78,318	\$79,913	\$83,761	\$88,072	\$91,374	\$94,357	\$94,936	\$998,308
b.	Debt Component Grossed Up For Taxes (C)		22,237	22,222	22,233	22,269	22,332	22,489	22,058	23,120	24,310	25,221	26,044	26,204	280,739
8.	Investment Expenses														
a.	Depreciation (D)		\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$61,296	\$572,554
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		146,155	146,088	146,137	146,299	146,581	147,285	148,449	153,359	158,860	163,073	166,879	182,436	1,851,601
a.	Recoverable Costs Allocated to Energy		146,155	146,088	146,137	146,299	146,581	147,285	148,449	153,359	158,860	163,073	166,879	182,436	1,851,601
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
12.	Retail Energy-Related Recoverable Costs (E)		146,155	146,088	146,137	146,299	146,581	147,285	148,449	153,359	158,860	163,073	166,879	182,436	1,851,601
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$146,155	\$146,088	\$146,137	\$146,299	\$146,581	\$147,285	\$148,449	\$153,359	\$158,860	\$163,073	\$166,879	\$182,436	\$1,851,601

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$5,673,428), 312.42 (\$5,153,072), 312.43 (\$7,875,560), 315.41 (\$17,504), 315.44 (\$351,594), and 315.43 (\$528,554)
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 4.0%, 3.7%, 3.5%, 3.5%, 3.2%, and 3.6%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
 Page 13 of 25

Return on Capital Investments, Depreciation and Taxes  
 For Project: Polk NO<sub>x</sub> Emissions Reduction  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473
3.	Less: Accumulated Depreciation	(577,146)	(581,570)	(585,994)	(590,418)	(594,842)	(599,266)	(603,690)	(608,114)	(612,538)	(616,962)	(621,386)	(625,810)	(630,234)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$984,327	979,903	975,479	971,055	966,631	962,207	957,783	953,359	948,935	944,511	940,087	935,663	931,239	
6.	Average Net Investment		982,115	977,691	973,267	968,843	964,419	959,995	955,571	951,147	946,723	942,299	937,875	933,451	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$5,798	\$5,772	\$5,746	\$5,720	\$5,694	\$5,667	\$5,617	\$5,591	\$5,565	\$5,539	\$5,513	\$5,487	\$67,709
	b. Debt Component Grossed Up For Taxes (C)		1,665	1,657	1,650	1,642	1,635	1,627	1,550	1,543	1,536	1,529	1,522	1,515	19,071
8.	Investment Expenses														
	a. Depreciation (D)		\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$4,424	\$53,088
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		11,887	11,853	11,820	11,786	11,753	11,718	11,591	11,558	11,525	11,492	11,459	11,426	139,868
	a. Recoverable Costs Allocated to Energy		11,887	11,853	11,820	11,786	11,753	11,718	11,591	11,558	11,525	11,492	11,459	11,426	139,868
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		11,887	11,853	11,820	11,786	11,753	11,718	11,591	11,558	11,525	11,492	11,459	11,426	139,868
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$11,887	\$11,853	\$11,820	\$11,786	\$11,753	\$11,718	\$11,591	\$11,558	\$11,525	\$11,492	\$11,459	\$11,426	\$139,868

**Notes:**

- (A) Applicable depreciable base for Polk; account 342.81
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.4%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 4 SOFA  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	
3.	Less: Accumulated Depreciation	(679,142)	(685,539)	(691,936)	(698,333)	(704,730)	(711,127)	(717,524)	(723,921)	(730,318)	(736,715)	(743,112)	(749,509)	(755,906)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$1,879,588	1,873,191	1,866,794	1,860,397	1,854,000	1,847,603	1,841,206	1,834,809	1,828,412	1,822,015	1,815,618	1,809,221	1,802,824	
6.	Average Net Investment		1,876,390	1,869,993	1,863,596	1,857,199	1,850,802	1,844,405	1,838,008	1,831,611	1,825,214	1,818,817	1,812,420	1,806,023	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$11,078	\$11,040	\$11,002	\$10,964	\$10,927	\$10,889	\$10,805	\$10,767	\$10,730	\$10,692	\$10,654	\$10,617	\$130,165
b.	Debt Component Grossed Up For Taxes (C)		3,181	3,170	3,159	3,148	3,138	3,127	2,982	2,972	2,962	2,951	2,941	2,930	36,661
8.	Investment Expenses														
a.	Depreciation (D)		\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$6,397	\$76,764
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		20,656	20,607	20,558	20,509	20,462	20,413	20,184	20,136	20,089	20,040	19,992	19,944	243,590
a.	Recoverable Costs Allocated to Energy		20,656	20,607	20,558	20,509	20,462	20,413	20,184	20,136	20,089	20,040	19,992	19,944	243,590
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		20,656	20,607	20,558	20,509	20,462	20,413	20,184	20,136	20,089	20,040	19,992	19,944	243,590
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$20,656	\$20,607	\$20,558	\$20,509	\$20,462	\$20,413	\$20,184	\$20,136	\$20,089	\$20,040	\$19,992	\$19,944	\$243,590

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.44
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.0%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 1 Pre-SCR  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121
3.	Less: Accumulated Depreciation	(467,737)	(473,234)	(478,731)	(484,228)	(489,725)	(495,222)	(500,719)	(506,216)	(511,713)	(517,210)	(522,707)	(528,204)	(533,701)	(533,701)
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$1,181,384	1,175,887	1,170,390	1,164,893	1,159,396	1,153,899	1,148,402	1,142,905	1,137,408	1,131,911	1,126,414	1,120,917	1,115,420	
6.	Average Net Investment		1,178,636	1,173,139	1,167,642	1,162,145	1,156,648	1,151,151	1,145,654	1,140,157	1,134,660	1,129,163	1,123,666	1,118,169	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$6,958	\$6,926	\$6,893	\$6,861	\$6,828	\$6,796	\$6,735	\$6,702	\$6,670	\$6,638	\$6,605	\$6,573	\$81,185
b.	Debt Component Grossed Up For Taxes (C)		1,998	1,989	1,979	1,970	1,961	1,951	1,859	1,850	1,841	1,832	1,823	1,814	22,867
8.	Investment Expenses														
a.	Depreciation (D)		\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$5,497	\$65,964
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		14,453	14,412	14,369	14,328	14,286	14,244	14,091	14,049	14,008	13,967	13,925	13,884	170,016
a.	Recoverable Costs Allocated to Energy		14,453	14,412	14,369	14,328	14,286	14,244	14,091	14,049	14,008	13,967	13,925	13,884	170,016
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		14,453	14,412	14,369	14,328	14,286	14,244	14,091	14,049	14,008	13,967	13,925	13,884	170,016
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$14,453	\$14,412	\$14,369	\$14,328	\$14,286	\$14,244	\$14,091	\$14,049	\$14,008	\$13,967	\$13,925	\$13,884	\$170,016

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.41
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 4.0%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 2 Pre-SCR  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887
3.	Less: Accumulated Depreciation	(418,748)	(423,625)	(428,502)	(433,379)	(438,256)	(443,133)	(448,010)	(452,887)	(457,764)	(462,641)	(467,518)	(472,395)	(477,272)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$1,163,139	1,158,262	1,153,385	1,148,508	1,143,631	1,138,754	1,133,877	1,129,000	1,124,123	1,119,246	1,114,369	1,109,492	1,104,615	
6.	Average Net Investment		1,160,701	1,155,824	1,150,947	1,146,070	1,141,193	1,136,316	1,131,439	1,126,562	1,121,685	1,116,808	1,111,931	1,107,054	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$6,852	\$6,824	\$6,795	\$6,766	\$6,737	\$6,708	\$6,651	\$6,622	\$6,594	\$6,565	\$6,536	\$6,508	\$80,158
b.	Debt Component Grossed Up For Taxes (C)		1,968	1,959	1,951	1,943	1,935	1,926	1,836	1,828	1,820	1,812	1,804	1,796	22,578
8.	Investment Expenses														
a.	Depreciation (D)		\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$4,877	\$58,524
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		13,697	13,660	13,623	13,586	13,549	13,511	13,364	13,327	13,291	13,254	13,217	13,181	161,260
a.	Recoverable Costs Allocated to Energy		13,697	13,660	13,623	13,586	13,549	13,511	13,364	13,327	13,291	13,254	13,217	13,181	161,260
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		13,697	13,660	13,623	13,586	13,549	13,511	13,364	13,327	13,291	13,254	13,217	13,181	161,260
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$13,697	\$13,660	\$13,623	\$13,586	\$13,549	\$13,511	\$13,364	\$13,327	\$13,291	\$13,254	\$13,217	\$13,181	\$161,260

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.42
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.7%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 3 Pre-SCR  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	
3.	Less: Accumulated Depreciation	(545,894)	(553,847)	(561,800)	(569,753)	(577,706)	(585,659)	(593,612)	(601,565)	(609,518)	(617,471)	(625,424)	(633,377)	(641,330)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$2,160,613	2,152,660	2,144,707	2,136,754	2,128,801	2,120,848	2,112,895	2,104,942	2,096,989	2,089,036	2,081,083	2,073,130	2,065,177	
6.	Average Net Investment		2,156,637	2,148,684	2,140,731	2,132,778	2,124,825	2,116,872	2,108,919	2,100,966	2,093,013	2,085,060	2,077,107	2,069,154	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$12,732	\$12,685	\$12,638	\$12,591	\$12,544	\$12,497	\$12,397	\$12,351	\$12,304	\$12,257	\$12,210	\$12,164	\$149,370
	b. Debt Component Grossed Up For Taxes (C)		3,656	3,643	3,629	3,616	3,602	3,589	3,422	3,409	3,396	3,383	3,370	3,357	42,072
8.	Investment Expenses														
	a. Depreciation (D)		\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$7,953	\$95,436
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		24,341	24,281	24,220	24,160	24,099	24,039	23,772	23,713	23,653	23,593	23,533	23,474	286,878
	a. Recoverable Costs Allocated to Energy		24,341	24,281	24,220	24,160	24,099	24,039	23,772	23,713	23,653	23,593	23,533	23,474	286,878
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		24,341	24,281	24,220	24,160	24,099	24,039	23,772	23,713	23,653	23,593	23,533	23,474	286,878
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$24,341	\$24,281	\$24,220	\$24,160	\$24,099	\$24,039	\$23,772	\$23,713	\$23,653	\$23,593	\$23,533	\$23,474	\$286,878

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.43 (\$1,995,677) and 315.43 (\$710,830)
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.5% and 3.6%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 1 SCR  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$322	\$0	\$0	\$0	(\$322)	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	322	0	0	0	(322)	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,423	\$85,719,423	\$85,719,423	\$85,719,423	\$85,719,102	\$85,719,102	\$85,719,102	\$85,719,102
3.	Less: Accumulated Depreciation	(17,719,658)	(18,028,824)	(18,337,990)	(18,647,156)	(18,956,322)	(19,265,488)	(19,574,654)	(19,883,821)	(20,192,988)	(20,502,155)	(20,811,322)	(21,120,488)	(21,429,654)	(21,429,654)
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$67,999,444	67,690,278	67,381,112	67,071,946	66,762,780	66,453,614	66,144,769	65,835,602	65,526,435	65,217,268	64,907,780	64,598,614	64,289,448	64,289,448
6.	Average Net Investment		67,844,861	67,535,695	67,226,529	66,917,363	66,608,197	66,299,192	65,990,186	65,681,019	65,371,852	65,062,524	64,753,197	64,444,031	64,444,031
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$400,533	\$398,708	\$396,883	\$395,058	\$393,233	\$391,408	\$387,923	\$386,106	\$384,288	\$382,470	\$380,652	\$378,834	\$4,676,096
b.	Debt Component Grossed Up For Taxes (C)		115,014	114,490	113,966	113,442	112,918	112,394	107,075	106,573	106,071	105,569	105,067	104,566	1,317,145
8.	Investment Expenses														
a.	Depreciation (D)		\$309,166	\$309,166	\$309,166	\$309,166	\$309,166	\$309,166	\$309,167	\$309,167	\$309,167	\$309,167	\$309,166	\$309,166	\$3,709,996
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		824,713	822,364	820,015	817,666	815,317	812,968	804,165	801,846	799,526	797,206	794,885	792,566	9,703,237
a.	Recoverable Costs Allocated to Energy		824,713	822,364	820,015	817,666	815,317	812,968	804,165	801,846	799,526	797,206	794,885	792,566	9,703,237
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000
12.	Retail Energy-Related Recoverable Costs (E)		824,713	822,364	820,015	817,666	815,317	812,968	804,165	801,846	799,526	797,206	794,885	792,566	9,703,237
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$824,713	\$822,364	\$820,015	\$817,666	\$815,317	\$812,968	\$804,165	\$801,846	\$799,526	\$797,206	\$794,885	\$792,566	\$9,703,237

**Notes:**  
 (A) Applicable depreciable base for Big Bend; account 311.51 (\$22,278,982), 312.51 (\$48,529,672), 315.51 (\$14,063,245), and 316.51 (\$847,203).  
 (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).  
 (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).  
 (D) Applicable depreciation rates are 4.1%, 4.3%, 4.8% and 4.1%  
 (E) Line 9a x Line 10  
 (F) Line 9b x Line 11

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DOCKET NO. 160007-EI  
 ECRC 2015 FINAL TRUE-UP  
 EXHIBIT PAR-1, DOC. NO. 8, PAGE 18 OF 25

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 2 SCR  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$489,244	\$9,719	\$3,840	\$3,289	\$752,190	\$101,256	\$11,583	\$27,971	\$41	\$80	\$0	\$0	\$1,399,212
b.	Clearings to Plant		0	0	0	0	0	0	0	0	1,399,132	80	0	0	\$1,399,212
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097	\$95,175,228	\$95,175,309	\$95,175,309	\$95,175,309	
3.	Less: Accumulated Depreciation	(19,774,484)	(20,077,654)	(20,380,824)	(20,683,994)	(20,987,164)	(21,290,334)	(21,593,504)	(21,896,674)	(22,199,844)	(22,503,014)	(22,810,848)	(23,118,682)	(23,426,516)	
4.	CWIP - Non-Interest Bearing	0	489,244	498,964	502,803	506,092	1,258,282	1,359,537	1,371,120	1,399,091	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$74,001,613	74,187,687	73,894,236	73,594,906	73,295,025	73,744,044	73,542,130	73,250,543	72,975,344	72,672,214	72,364,461	72,056,627	71,748,793	
6.	Average Net Investment		74,094,650	74,040,962	73,744,571	73,444,965	73,519,534	73,643,087	73,396,337	73,112,943	72,823,779	72,518,338	72,210,544	71,902,710	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$437,430	\$437,113	\$435,363	\$433,595	\$434,035	\$434,764	\$431,460	\$429,794	\$428,095	\$426,299	\$424,490	\$422,680	\$5,175,118
b.	Debt Component Grossed Up For Taxes (C)		125,609	125,518	125,015	124,508	124,634	124,843	119,092	118,632	118,163	117,667	117,168	116,668	1,457,517
8.	Investment Expenses														
a.	Depreciation (D)		\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$307,834	\$307,834	\$307,834	\$3,652,032
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)	866,209	865,801	865,801	863,548	861,273	861,839	862,777	853,722	851,596	849,428	851,800	849,492	847,182	10,284,667
a.	Recoverable Costs Allocated to Energy	866,209	865,801	865,801	863,548	861,273	861,839	862,777	853,722	851,596	849,428	851,800	849,492	847,182	10,284,667
b.	Recoverable Costs Allocated to Demand	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		866,209	865,801	863,548	861,273	861,839	862,777	853,722	851,596	849,428	851,800	849,492	847,182	10,284,667
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$866,209	\$865,801	\$863,548	\$861,273	\$861,839	\$862,777	\$853,722	\$851,596	\$849,428	\$851,800	\$849,492	\$847,182	\$10,284,667	

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.52 (\$25,208,869), 312.52 (\$53,093,397), 315.52 (\$15,914,427), and 316.52 (\$958,616).
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 3.5%, 4.0%, 4.1% and 3.7%.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 3 SCR  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,088	\$981,219	(\$19,561)	\$962,746
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	\$80,369,887	
3.	Less: Accumulated Depreciation	(18,986,041)	(19,233,582)	(19,481,123)	(19,728,664)	(19,976,205)	(20,223,746)	(20,471,287)	(20,718,828)	(20,966,369)	(21,213,910)	(21,461,451)	(21,708,992)	(21,956,533)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	1,088	982,307	962,746	
5.	Net Investment (Lines 2 + 3 + 4)	\$61,383,846	61,136,305	60,888,764	60,641,223	60,393,682	60,146,141	59,898,600	59,651,059	59,403,518	59,155,977	58,909,524	59,643,202	59,376,100	
6.	Average Net Investment		61,260,075	61,012,534	60,764,993	60,517,452	60,269,911	60,022,370	59,774,829	59,527,288	59,279,747	59,032,750	59,276,363	59,509,651	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$361,659	\$360,198	\$358,736	\$357,275	\$355,813	\$354,352	\$351,386	\$349,931	\$348,476	\$347,024	\$348,456	\$349,827	\$4,243,133
b.	Debt Component Grossed Up For Taxes (C)		103,851	103,431	103,012	102,592	102,173	101,753	96,990	96,588	96,186	95,786	96,181	96,559	1,195,102
8.	Investment Expenses														
a.	Depreciation (D)		\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$247,541	\$2,970,492
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		713,051	711,170	709,289	707,408	705,527	703,646	695,917	694,060	692,203	690,351	692,178	693,927	8,408,727
a.	Recoverable Costs Allocated to Energy		713,051	711,170	709,289	707,408	705,527	703,646	695,917	694,060	692,203	690,351	692,178	693,927	8,408,727
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		713,051	711,170	709,289	707,408	705,527	703,646	695,917	694,060	692,203	690,351	692,178	693,927	8,408,727
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$713,051	\$711,170	\$709,289	\$707,408	\$705,527	\$703,646	\$695,917	\$694,060	\$692,203	\$690,351	\$692,178	\$693,927	\$8,408,727

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.53 (\$21,689,422), 312.53 (\$44,164,828), 315.53 (\$13,690,954), and 316.53 (\$824,684).
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 3.1%, 3.9%, 4.0%, and 3.4%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Unit 4 SCR  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$4,790	\$3,799	\$10,085	\$9,029	\$4,856	\$3,781	\$452,761	\$954	\$9,619	\$0	\$0	\$0	\$499,675
b.	Clearings to Plant		0	0	0	0	0	0	0	453,398	9,619	0	0	555,250	1,018,267
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$62,853,033	\$62,853,033	\$62,853,033	\$62,853,033	\$62,853,033	\$62,853,033	\$62,853,033	\$62,853,033	\$63,306,431	\$63,316,050	\$63,316,050	\$63,316,050	\$63,871,300	
3.	Less: Accumulated Depreciation	(15,866,135)	(16,046,103)	(16,226,071)	(16,406,039)	(16,586,007)	(16,765,975)	(16,945,943)	(17,125,911)	(17,305,879)	(17,487,283)	(17,668,717)	(17,850,151)	(18,031,585)	
4.	CWIP - Non-Interest Bearing	518,591	523,381	527,180	537,265	546,295	551,151	554,932	1,007,693	555,249	555,249	555,249	555,249	(0)	
5.	Net Investment (Lines 2 + 3 + 4)	\$47,505,489	47,330,312	47,154,142	46,984,260	46,813,321	46,638,209	46,462,022	46,734,816	46,555,801	46,384,017	46,202,583	46,021,149	45,839,715	
6.	Average Net Investment		47,417,900	47,242,227	47,069,201	46,898,790	46,725,765	46,550,116	46,598,419	46,645,308	46,469,909	46,293,300	46,111,866	45,930,432	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$279,939	\$278,902	\$277,881	\$276,875	\$275,853	\$274,816	\$273,929	\$274,204	\$273,173	\$272,135	\$271,069	\$270,002	\$3,298,778
b.	Debt Component Grossed Up For Taxes (C)		80,385	80,087	79,794	79,505	79,212	78,914	75,610	75,686	75,401	75,115	74,820	74,526	929,055
8.	Investment Expenses														
a.	Depreciation (D)		\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$181,404	\$181,434	\$181,434	\$181,434	\$2,165,450
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		540,292	538,957	537,643	536,348	535,033	533,698	529,507	529,858	529,978	528,684	527,323	525,962	6,393,283
a.	Recoverable Costs Allocated to Energy		540,292	538,957	537,643	536,348	535,033	533,698	529,507	529,858	529,978	528,684	527,323	525,962	6,393,283
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	-
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		540,292	538,957	537,643	536,348	535,033	533,698	529,507	529,858	529,978	528,684	527,323	525,962	6,393,283
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$540,292	\$538,957	\$537,643	\$536,348	\$535,033	\$533,698	\$529,507	\$529,858	\$529,978	\$528,684	\$527,323	\$525,962	\$6,393,283

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.54 (\$16,857,250), 312.54 (\$35,128,839), 315.54 (\$10,642,027), 316.54 (\$687,934), and 315.40 (\$555,250).
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 2.4%, 3.8%, 3.9%, 3.3%, and 3.7%.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
For Project: Big Bend FGD System Reliability  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707	\$24,336,707
3.	Less: Accumulated Depreciation	(2,753,538)	(2,804,847)	(2,856,156)	(2,907,465)	(2,958,774)	(3,010,083)	(3,061,392)	(3,112,701)	(3,164,010)	(3,215,319)	(3,266,628)	(3,317,937)	(3,369,246)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$21,583,169	21,531,860	21,480,551	21,429,242	21,377,933	21,326,624	21,275,315	21,224,006	21,172,697	21,121,388	21,070,079	21,018,770	20,967,461	
6.	Average Net Investment		21,557,515	21,506,206	21,454,897	21,403,588	21,352,279	21,300,970	21,249,661	21,198,352	21,147,043	21,095,734	21,044,425	20,993,116	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$127,268	\$126,965	\$126,663	\$126,360	\$126,057	\$125,754	\$124,916	\$124,615	\$124,313	\$124,011	\$123,710	\$123,408	\$1,504,040
b.	Debt Component Grossed Up For Taxes (C)		36,545	36,458	36,371	36,284	36,197	36,110	34,479	34,396	34,313	34,230	34,146	34,063	423,592
8.	Investment Expenses														
a.	Depreciation (D)		\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$51,309	\$615,708
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		215,122	214,732	214,343	213,953	213,563	213,173	210,704	210,320	209,935	209,550	209,165	208,780	2,543,340
a.	Recoverable Costs Allocated to Energy		215,122	214,732	214,343	213,953	213,563	213,173	210,704	210,320	209,935	209,550	209,165	208,780	2,543,340
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		215,122	214,732	214,343	213,953	213,563	213,173	210,704	210,320	209,935	209,550	209,165	208,780	2,543,340
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$215,122	\$214,732	\$214,343	\$213,953	\$213,563	\$213,173	\$210,704	\$210,320	\$209,935	\$209,550	\$209,165	\$208,780	\$2,543,340

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.45 (\$22,880,499) and 312.44 (\$1,456,209).
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 2.5% and 3.0%.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

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Return on Capital Investments, Depreciation and Taxes  
 For Project: Mercury Air Toxics Standards (MATS)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$1,122	\$2,101	\$3,763	\$20,619	\$137,865	\$10,165	\$1,905	\$0	\$0	\$0	\$0	\$0	\$177,539
	b. Clearings to Plant		(647)	1,102	2,006	16,099	318,824	10,165	1,905	0	0	0	0	0	\$349,454
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$8,205,315	\$8,204,668	\$8,205,770	\$8,207,776	\$8,223,875	\$8,542,700	\$8,552,865	\$8,554,769	\$8,554,769	\$8,554,769	\$8,554,769	\$8,554,769	\$8,554,769	
3.	Less: Accumulated Depreciation	(374,961)	(395,736)	(416,511)	(437,290)	(458,073)	(478,896)	(500,654)	(522,438)	(544,228)	(566,018)	(587,808)	(609,598)	(631,388)	
4.	CWIP - Non-Interest Bearing	171,914	173,683	174,682	176,439	180,959	-	-	-	-	-	-	-	-	
5.	Net Investment (Lines 2 + 3 + 4)	\$8,002,268	7,982,615	7,963,941	7,946,926	7,946,762	8,063,804	8,052,211	8,032,331	8,010,541	7,988,751	7,966,961	7,945,171	7,923,381	
6.	Average Net Investment		7,992,442	7,973,278	7,955,433	7,946,844	8,005,283	8,058,007	8,042,271	8,021,436	7,999,646	7,977,856	7,956,066	7,934,276	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		\$47,185	\$47,072	\$46,966	\$46,916	\$47,261	\$47,572	\$47,276	\$47,154	\$47,026	\$46,898	\$46,770	\$46,642	\$564,738
	b. Debt Component Grossed Up For Taxes (C)		13,549	13,517	13,486	13,472	13,571	13,660	13,049	13,015	12,980	12,945	12,909	12,874	159,027
8.	Investment Expenses														
	a. Depreciation (D)		\$20,775	\$20,775	\$20,779	\$20,783	\$20,823	\$21,758	\$21,784	\$21,790	\$21,790	\$21,790	\$21,790	\$21,790	\$256,427
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		81,509	81,364	81,231	81,171	81,655	82,990	82,109	81,959	81,796	81,633	81,469	81,306	980,192
	a. Recoverable Costs Allocated to Energy		81,509	81,364	81,231	81,171	81,655	82,990	82,109	81,959	81,796	81,633	81,469	81,306	980,192
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		81,509	81,364	81,231	81,171	81,655	82,990	82,109	81,959	81,796	81,633	81,469	81,306	980,192
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$81,509	\$81,364	\$81,231	\$81,171	\$81,655	\$82,990	\$82,109	\$81,959	\$81,796	\$81,633	\$81,469	\$81,306	\$980,192

**Notes:**

- (A) Applicable depreciable base for Big Bend and Polk; accounts 312.44 (\$3,427,652), 341.80 (\$26,150), 315.40 (\$1,226,949), 315.41(\$138,853), 315.42(\$138,853), 312.45 (\$2,053,017), 312.46 (\$1,242,315), 315.45 (\$40,217) and 315.46 (\$35,022), 311.40 (\$13,216), 345.81 (\$2,232), and 312.54 (\$210,295)
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 3.0%, 2.2%, 3.7%, 3.5%, 3.3%, 2.5%, 3.3%, 3.1%, 3.5%, 2.9%, 3.3% and 3.8%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11



**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

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For Project: SO<sub>2</sub> Emissions Allowances  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Purchases/Transfers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Auction Proceeds/Other		0	0	0	171	0	0	0	0	0	0	0	0	171
2.	Working Capital Balance														
	a. FERC 158.1 Allowance Inventory	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. FERC 158.2 Allowances Withheld	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. FERC 182.3 Other Regl. Assets - Losses	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. FERC 254.01 Regulatory Liabilities - Gains	(35,777)	(35,589)	(35,589)	(35,589)	(35,452)	(35,452)	(35,452)	(35,317)	(35,317)	(35,317)	(35,211)	(35,211)	(35,211)	
3.	Total Working Capital Balance	(35,777)	(35,589)	(35,589)	(35,589)	(35,452)	(35,452)	(35,452)	(35,317)	(35,317)	(35,317)	(35,211)	(35,211)	(35,211)	
4.	Average Net Working Capital Balance		(\$35,683)	(\$35,589)	(\$35,589)	(\$35,521)	(\$35,452)	(\$35,452)	(\$35,385)	(\$35,317)	(\$35,317)	(\$35,264)	(\$35,211)	(\$35,211)	
5.	Return on Average Net Working Capital Balance														
	a. Equity Component Grossed Up For Taxes (A)		(\$211)	(\$210)	(\$210)	(\$210)	(\$209)	(\$209)	(\$208)	(\$208)	(\$208)	(\$207)	(\$207)	(\$207)	(\$2,504)
	b. Debt Component Grossed Up For Taxes (B)		(60)	(60)	(60)	(60)	(60)	(60)	(57)	(57)	(57)	(57)	(57)	(57)	(702)
6.	Total Return Component		(271)	(270)	(270)	(270)	(269)	(269)	(265)	(265)	(265)	(264)	(264)	(264)	(3,206)
7.	Expenses:														
	a. Gains		\$0	\$0	\$0	(\$171)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$171)
	b. Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. SO <sub>2</sub> Allowance Expense		(144)	30	58	(96)	70	165	(10)	149	21	(25)	33	14	265
8.	Net Expenses (D)		(144)	30	58	(267)	70	165	(10)	149	21	(25)	33	14	94
9.	Total System Recoverable Expenses (Lines 6 + 8)		(415)	(240)	(212)	(537)	(199)	(104)	(275)	(116)	(244)	(289)	(231)	(250)	(3,112)
	a. Recoverable Costs Allocated to Energy		(415)	(240)	(212)	(537)	(199)	(104)	(275)	(116)	(244)	(289)	(231)	(250)	(3,112)
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		(415)	(240)	(212)	(537)	(199)	(104)	(275)	(116)	(244)	(289)	(231)	(250)	(3,112)
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Juris. Recoverable Costs (Lines 12 + 13)		(\$415)	(\$240)	(\$212)	(\$537)	(\$199)	(\$104)	(\$275)	(\$116)	(\$244)	(\$289)	(\$231)	(\$250)	(\$3,112)

**Notes:**

- (A) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (B) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (C) Line 6 is reported on Schedule 7A.
- (D) Line 8 is reported on Schedule 5A.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

\* Totals on this schedule may not foot due to rounding.

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**January 2015 to December 2015**

Form 42-8A  
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Return on Capital Investments, Depreciation and Taxes  
 For Project: Big Bend Gypsum Storage Facility  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$88,251	\$65,289	\$72,436	\$4,769	\$40,886	\$19,002	\$3,162	\$2,336	\$134,054	\$7,387	\$10,120	\$8,478	\$456,170
b.	Clearings to Plant		88,251	65,289	72,436	4,769	40,886	19,002	3,162	2,336	134,054	7,387	10,120	8,478	456,170
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$20,963,264	\$21,051,515	\$21,116,804	\$21,189,240	\$21,194,009	\$21,234,895	\$21,253,897	\$21,257,059	\$21,259,395	\$21,393,449	\$21,400,836	\$21,410,956	\$21,419,434	
3.	Less: Accumulated Depreciation	(50,274)	(100,935)	(151,809)	(202,841)	(254,048)	(305,267)	(356,585)	(407,949)	(459,320)	(510,697)	(562,398)	(614,117)	(665,860)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$20,912,990	\$20,950,580	\$20,964,995	\$20,986,399	\$20,939,961	\$20,929,628	\$20,897,312	\$20,849,110	\$20,800,075	\$20,882,752	\$20,838,438	\$20,796,839	\$20,753,574	
6.	Average Net Investment		20,931,785	20,957,787	20,975,697	20,963,180	20,934,794	20,913,470	20,873,211	20,824,592	20,841,414	20,860,595	20,817,638	20,775,206	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		\$123,574	\$123,728	\$123,834	\$123,760	\$123,592	\$123,466	\$122,703	\$122,417	\$122,516	\$122,629	\$122,376	\$122,127	\$1,476,722
b.	Debt Component Grossed Up For Taxes (C)		35,485	35,529	35,559	35,538	35,490	35,454	33,869	33,790	33,817	33,848	33,778	33,710	415,867
8.	Investment Expenses														
a.	Depreciation (D)		\$50,661	\$50,874	\$51,032	\$51,207	\$51,219	\$51,318	\$51,364	\$51,371	\$51,377	\$51,701	\$51,719	\$51,743	\$615,586
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9.	Total System Recoverable Expenses (Lines 7 + 8)		209,720	210,131	210,425	210,505	210,301	210,238	207,936	207,578	207,710	208,178	207,873	207,580	2,508,175
a.	Recoverable Costs Allocated to Energy		209,720	210,131	210,425	210,505	210,301	210,238	207,936	207,578	207,710	208,178	207,873	207,580	2,508,175
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
11.	Demand Jurisdictional Factor		1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	1.0000000	
12.	Retail Energy-Related Recoverable Costs (E)		209,720	210,131	210,425	210,505	210,301	210,238	207,936	207,578	207,710	208,178	207,873	207,580	2,508,175
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$209,720	\$210,131	\$210,425	\$210,505	\$210,301	\$210,238	\$207,936	\$207,578	\$207,710	\$208,178	\$207,873	\$207,580	\$2,508,175

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 311.40
- (B) Line 6 x 7.0844% x 1/12 (Jan-Jun) and Line 6 x 7.0542% x 1/12 (Jul-Dec). Based on ROE of 10.25% and weighted income tax rate of 38.575% (expansion factor of 1.632200).
- (C) Line 6 x 2.0343% x 1/12 (Jan-Jun) and Line 6 x 1.9471% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 2.9%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
January 2015 to June 2015

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**Calculation of Revenue Requirement Rate of Return**  
 (In Dollars)

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base <u>Actual May 2014</u> (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,429,551	35.37%	5.55%	1.9630%
Short Term Debt	25,222	0.62%	0.61%	0.0038%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	107,785	2.67%	2.25%	0.0601%
Common Equity	1,707,776	42.26%	10.25%	4.3317%
Deferred ITC - Weighted Cost	8,027	0.20%	8.05%	0.0161%
Accumulated Deferred Income Taxes Zero Cost ITCs	<u>763,143</u>	<u>18.88%</u>	0.00%	<u>0.0000%</u>
<b>Total</b>	<b>\$ <u>4,041,504</u></b>	<b><u>100.00%</u></b>		<b><u>6.37%</u></b>

**ITC split between Debt and Equity:**

Long Term Debt	\$ 1,429,551	Long Term Debt	45.20%
Short Term Debt	25,222	Short Term Debt	0.80%
Equity - Preferred	0	Equity - Preferred	0
Equity - Common	<u>1,707,776</u>	Equity - Common	<u>54.00%</u>
<b>Total</b>	<b>\$ <u>3,162,549</u></b>	<b>Total</b>	<b><u>100.00%</u></b>

**Deferred ITC - Weighted Cost:**

Debt = .0161% * 46.00%	0.0074%
Equity = .0161% * 54.00%	<u>0.0087%</u>
Weighted Cost	<u>0.0161%</u>

**Total Equity Cost Rate:**

Preferred Stock	0.0000%
Common Equity	4.3317%
Deferred ITC - Weighted Cost	<u>0.0087%</u>
	4.3404%
Times Tax Multiplier	1.632200
Total Equity Component	<u>7.0844%</u>

**Total Debt Cost Rate:**

Long Term Debt	1.9630%
Short Term Debt	0.0038%
Customer Deposits	0.0601%
Deferred ITC - Weighted Cost	<u>0.0074%</u>
Total Debt Component	<u>2.0343%</u>
	<u>9.1187%</u>

**Notes:**

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013  
 Column (2) - Column (1) / Total Column (1)  
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013  
 Column (4) - Column (2) x Column (3)

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of Final True-up Amount for the Period  
**July 2015 to December 2015**

Form 42 - 9A  
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**Calculation of Revenue Requirement Rate of Return**  
 (In Dollars)

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base <u>Actual May 2015</u> (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,500,445	35.24%	5.33%	1.8783%
Short Term Debt	25,918	0.61%	0.71%	0.0043%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	108,557	2.55%	2.27%	0.0579%
Common Equity	1,791,818	42.09%	10.25%	4.3142%
Deferred ITC - Weighted Cost	7,573	0.18%	7.96%	0.0143%
Accumulated Deferred Income Taxes Zero Cost ITCs	<u>823,006</u>	<u>19.33%</u>	0.00%	<u>0.0000%</u>
<b>Total</b>	<b><u>\$ 4,257,317</u></b>	<b><u>100.00%</u></b>		<b><u>6.27%</u></b>

**ITC split between Debt and Equity:**

Long Term Debt	\$ 1,500,445	Long Term Debt	45.22%
Short Term Debt	25,918	Short Term Debt	0.78%
Equity - Preferred	0	Equity - Preferred	0
Equity - Common	<u>1,791,818</u>	Equity - Common	<u>54.00%</u>
<b>Total</b>	<b><u>\$ 3,318,182</u></b>	<b>Total</b>	<b><u>100.00%</u></b>

**Deferred ITC - Weighted Cost:**

Debt = .0161% * 46.00%	0.0066%
Equity = .0161% * 54.00%	<u>0.0077%</u>
Weighted Cost	<u>0.0143%</u>

**Total Equity Cost Rate:**

Preferred Stock	0.0000%
Common Equity	4.3142%
Deferred ITC - Weighted Cost	<u>0.0077%</u>
	4.3219%
Times Tax Multiplier	1.632200
Total Equity Component	<u>7.0542%</u>

**Total Debt Cost Rate:**

Long Term Debt	1.8783%
Short Term Debt	0.0043%
Customer Deposits	0.0579%
Deferred ITC - Weighted Cost	<u>0.0066%</u>
Total Debt Component	<u>1.9471%</u>
	<u>9.0013%</u>

**Notes:**

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013  
 Column (2) - Column (1) / Total Column (1)  
 Column (3) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013  
 Column (4) - Column (2) x Column (3)