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July 25, 2014

**VIA: ELECTRONIC FILING**

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

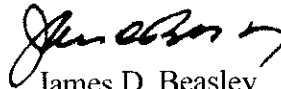
Re: Environmental Cost Recovery Clause  
FPSC Docket No. 140007-EI

Dear Ms. Stauffer:

Attached for filing in the above docket, on behalf of Tampa Electric Company, is the Prepared Direct Testimony and Exhibit (PAR-1) of Penelope A. Rusk regarding Environmental Cost Recovery Factors Actual/Estimated True-up for the period January 2014 through December 2014.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/pp  
Attachment

cc: All Parties of Record (w/enc.)

## CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimony and Exhibit of Penelope A. Rusk, filed on behalf of Tampa Electric Company, has been furnished by hand delivery (\*) or electronic mail on this 25 day of July 2014 to the following:

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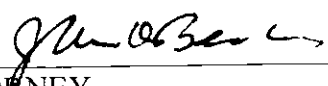
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ATTORNEY



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION  
DOCKET NO. 140007-EI  
IN RE:  
ENVIRONMENTAL COST RECOVERY FACTORS  
ACTUAL / ESTIMATED TRUE-UP  
JANUARY 2014 THROUGH DECEMBER 2014  
TESTIMONY AND EXHIBIT  
OF  
PENELOPE A. RUSK



1 experience working in the areas of load forecasting, cost  
2 recovery clauses, as well as project management and rate  
3 setting activities for wholesale and retail rate cases.  
4 My duties include managing cost recovery for fuel and  
5 purchased power, interchange sales, capacity payments,  
6 and FPSC-approved environmental projects.  
7

8 **Q.** What is the purpose of your testimony in this proceeding?  
9

10 **A.** The purpose of my testimony is to present, for Commission  
11 review and approval, the calculation of the January 2014  
12 through December 2014 actual/estimated true-up amount to  
13 be refunded or recovered through the Environmental Cost  
14 Recovery Clause ("ECRC") during the period January 2015  
15 through December 2015. My testimony addresses the  
16 recovery of capital and operations and maintenance  
17 ("O&M") costs associated with environmental compliance  
18 activities for 2014, based on six months of actual data  
19 and six months of estimated data. This information will  
20 be used in the determination of the environmental cost  
21 recovery factors for January 2015 through December 2015.  
22

23 **Q.** Have you prepared an exhibit that shows the recoverable  
24 environmental costs for the actual/estimated period  
25 January 2014 through December 2014?

1     **A.**    Yes.   Exhibit   No.   \_\_\_\_\_   (PAR-1),   containing   nine  
2            documents,   was   prepared   under   my   direction   and  
3            supervision.   It   includes   Forms   42-1E   through   42-9E,   which  
4            show   the   current   period   actual/estimated   true-up   amount  
5            to   be   used   in   calculating   the   cost   recovery   factors   for  
6            January   2015   through   December   2015.

7

8     **Q.**    What    has    Tampa    Electric    calculated    as    the  
9            actual/estimated   true-up   for   the   current   period   to   be  
10           applied   to   the   January   2015   through   December   2015   ECRC  
11           factors?

12

13    **A.**    The   actual/estimated   true-up   applicable   for   the   current  
14           period,   January   2014   through   December   2014,   is   an   over-  
15           recovery   of   \$6,935,676.   A   detailed   calculation   supporting  
16           the   calculation   of   the   actual/estimated   true-up   is   shown  
17           on   Forms   42-1E   through   42-9E   of   my   exhibit.

18

19    **Q.**    Is   Tampa   Electric   including   costs   in   the   actual/estimated  
20           true-up   filing   for   any   new   environmental   projects   that  
21           were   not   anticipated   and   included   in   its   2014   ECRC  
22           factors?

23

24    **A.**    No,   Tampa   Electric   is   not   including   costs   for   any   new  
25           environmental   projects   that   were   not   anticipated   or

1 included in its 2014 ECRC factors.

2  
3 **Q.** What depreciation rates were utilized for the capital  
4 projects contained in the 2014 actual/estimated true-up?

5  
6 **A.** Tampa Electric utilized the depreciation rates approved  
7 in Order No. PSC-12-0175-PAA-EI, issued on April 3, 2012,  
8 in Docket No. 110131-EI.

9  
10 **Q.** What capital structure, components and cost rates did  
11 Tampa Electric rely on to calculate the revenue  
12 requirement rate of return for January 2014 through  
13 December 2014?

14  
15 **A.** Tampa Electric relied upon the capital structure,  
16 components and cost rates approved by the Commission in  
17 Order No. PSC-12-0425-PAA-EU, issued on August 16, 2012  
18 in Docket No. 120007-EI, to calculate the revenue  
19 requirement rate of return found on Form 42-9E.

20  
21 **Q.** What is the nature of the adjustment shown on line 10 of  
22 Schedule 42-2E?

23  
24 **A.** The total adjustment is a reduction in costs of \$78,341,  
25 shown on line 10 of Schedule 42-2E. The adjustment was



1 needed to correct charges related to the Clean Air  
2 Mercury Rule ("CAMR"), now known as Mercury Air Toxics  
3 Standards ("MATS"), and the Big Bend Unit 4 SCR project.  
4 Equipment needed to comply with CAMR/MATS was placed in  
5 service; however, the associated costs were not correctly  
6 charged to the project for the years 2011, 2012 and 2013.  
7 The adjustment corrects that error. An adjustment related  
8 to the Big Bend Unit 4 SCR project costs was also made.  
9 In the course of reviewing these costs, the company found  
10 that two work orders were inadvertently, incorrectly  
11 charged to the project. The error was corrected, and the  
12 Big Bend Unit 4 SCR project costs are reduced with this  
13 adjustment. The resulting overall reduction in costs from  
14 these two adjustments is \$78,341.

15  
16 **Q.** How did the actual/estimated project expenditures for the  
17 January 2014 through December 2014 period compare with  
18 the company's original projections?

19  
20 **A.** As shown on Form 42-4E, total O&M costs are expected to  
21 be \$701,132 less than the amount that was originally  
22 projected. The total capital expenditures itemized on  
23 Form 42-6E, are expected to be \$2,342,016 less than  
24 originally projected. The material variances for O&M and  
25 capital investment projects are explained below.

1            **O&M Project Variances**

2            • **Big Bend Unit 3 Flue Gas Desulfurization Integration:** The  
3            Big Bend Unit 3 Flue Gas Desulfurization project variance  
4            is estimated to be \$496,887 or 8.8 percent less than  
5            projected. A major outage that was scheduled for Big Bend  
6            Unit 4 in 2014 was rescheduled for 2015, resulting in a  
7            reduction of maintenance needed for this project in 2014.

8  
9            • **SO<sub>2</sub> Emission Allowances:** The SO<sub>2</sub> Emission Allowances  
10           project variance is estimated to be \$15,783 or 58.2  
11           percent less than projected. The variance is due to less  
12           cogeneration purchases than projected and the application  
13           of a lower SO<sub>2</sub> emission allowance rate than originally  
14           projected.

15  
16           • **Big Bend NO<sub>x</sub> Emissions Reduction:** The Big Bend NO<sub>x</sub>  
17           Emissions Reduction project variance is estimated to be  
18           \$281,391 or 75 percent less than projected because the  
19           chemical consumption, maintenance and inspections costs  
20           originally projected for the Big Bend NO<sub>x</sub> Emissions  
21           Reduction project are now being recorded in unit-specific  
22           projects. These actual/estimated costs are now shown in  
23           the following projects: Big Bend Unit 4 SOFA, Big Bend  
24           Unit 1 Pre-SCR, Big Bend Unit 2 Pre-SCR and Big Bend Unit  
25           3 Pre-SCR.

1 • **Polk NO<sub>x</sub> Emissions Reduction:** The Polk NO<sub>x</sub> Emissions  
2 Reduction project variance is estimated to be \$4,966 or  
3 16.9 percent less than originally projected due to  
4 greater water usage by the saturator that is used to  
5 reduce NO<sub>x</sub> emissions than originally projected because  
6 Polk Power Station is expected to operate for a greater  
7 number of hours than originally projected.  
8

9 • **Bayside SCR Consumables:** The Bayside SCR Consumables  
10 variance is estimated to be \$20,057 or 13.4 percent less  
11 than originally projected due to a decrease in chemical  
12 consumption. The decrease in consumption is driven by the  
13 extension of the Bayside Unit 1 planned outage.  
14

15 • **Arsenic Groundwater Standard Program:** The Arsenic  
16 Groundwater Standard Program variance is estimated to be  
17 \$520,705 or 123.4 percent greater than what was  
18 originally projected due to three factors. There was an  
19 increase in consulting costs due to work extending 12  
20 days past the original date. An additional groundwater  
21 pilot test is scheduled to begin in August. Finally,  
22 additional labor costs were incurred to remove railroad  
23 ties in the excavation area.  
24  
25

1 • **Clean Water Act Section 316(b) Phase II Study:** The Clean  
2 Water Act Section 316(b) Phase II Study variance is  
3 estimated to be \$50,023 greater than originally  
4 projected. Implementation of this rule was delayed, as  
5 discussed in previous years' testimony in this docket. On  
6 May 19, 2014, the EPA issued a prepublication copy of the  
7 final rule, and now the consulting work can begin, to  
8 meet the requirements and schedule included in the  
9 May 19, 2014 rule.

10  
11 • **Big Bend Unit 1 SCR:** The Big Bend Unit 1 SCR project  
12 variance is estimated to be \$229,430 or 9.5 percent  
13 greater than originally projected due to actual/estimated  
14 consumption of ammonia being greater than originally  
15 projected. Greater ammonia consumption is expected  
16 because Big Bend Unit 1 is expected to operate for a  
17 greater number of hours than originally projected.

18  
19 • **Big Bend Unit 2 SCR:** The Big Bend Unit 2 SCR project  
20 variance is estimated to be \$343,724 or 11.7 percent less  
21 than originally projected due to actual consumption of  
22 ammonia being less than originally projected.  
23 Additionally, the cost per ton of consumable ammonia is  
24 expected to be less than originally projected, which  
25 contributed to the variance.

1 • **Big Bend Unit 4 SCR:** The Big Bend Unit 4 SCR project  
2 variance is estimated to be \$289,697 or 25.4 percent less  
3 than originally projected. The actual/estimated  
4 consumption of ammonia is expected to be less than  
5 originally projected because Big Bend Unit 4 is expected  
6 to operate for fewer hours than originally projected, as  
7 the result of the extension of its planned maintenance  
8 outage. Additionally, the cost per ton of consumable  
9 ammonia is expected to be less than originally projected,  
10 which contributed to the variance.

11  
12 • **Mercury Air Toxics Standards ("MATS"):** The MATS program  
13 variance is expected to be \$103,445 or 47.3 percent less  
14 than originally projected because Tampa Electric used  
15 internal labor resources for stack testing. The original  
16 projection included costs for contract labor to complete  
17 the testing.

18  
19 • **Big Bend Gypsum Storage Facility:** The Big Bend Gypsum  
20 Storage Facility program variance is expected to be  
21 \$256,232 or 24.4 percent less than originally projected  
22 because the project will be entering commercial service  
23 later than originally projected. The Big Bend Gypsum  
24 Storage Facility's original projected in-service date was  
25 June 2014; however, it is now scheduled to begin

1 commercial service in October 2014.

2  
3 **Capital Investment Project Variances**

4 • **Big Bend PM Minimization and Monitoring:** The Big Bend PM  
5 Minimization and Monitoring project variance is estimated  
6 to be \$132,353 or 7.1 percent less than projected due to  
7 a change in the in-service date of the precipitator  
8 upgrades. The new in-service date is expected to be  
9 November 2015, rather than December 2014. Cost recovery  
10 of ROI and depreciation are therefore delayed, resulting  
11 in lower expected project costs for 2014.

12  
13 • **Mercury Air Toxics Standards:** The MATS program variance  
14 is estimated to be \$372,289 or 33.9 percent less than  
15 originally projected due to two factors. First, some  
16 capital expenditures were projected to receive CWIP  
17 accounting treatment; however, the capital expenditures  
18 are receiving AFUDC treatment and will be included in the  
19 project costs when it begins commercial service. The  
20 second factor is that additional equipment that was  
21 originally projected to be purchased in 2014 is not  
22 needed at this time because the existing equipment has  
23 been sufficient to comply with current regulations.

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- **Big Bend Gypsum Storage Facility:** The Big Bend Gypsum Storage Facility project variance is estimated to be \$1,105,293 or 66.4 percent less than projected. The in-service date for the Big Bend Gypsum Storage Facility project was changed from the original projection of June 2014 to October 2014. Cost recovery of ROI and depreciation are therefore delayed, resulting in lower expected project costs for 2014.

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

**A.** Yes, it does.

**INDEX**

**TAMPA ELECTRIC COMPANY  
ENVIRONMENTAL COST RECOVERY CLAUSE**

**ACTUAL / ESTIMATED TRUE-UP AMOUNT  
FOR THE PERIOD OF  
JANUARY 2014 THROUGH DECEMBER 2014**

**FORMS 42-1E THROUGH 42-9E**

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual/Estimated Amount  
**January 2014 to December 2014**  
 (in Dollars)

Form 42 - 1E

Line	Period Amount
1. Over/(Under) Recovery for the Current Period (Form 42-2E, Line 5)	\$6,852,737
2. Interest Provision (Form 42-2E, Line 6)	4,598
3. Sum of Current Period Adjustments (Form 42-2E, Line 10)	78,341
4. Current Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2015 to December 2015 (Lines 1 + 2 + 3)	\$6,935,676

13

**Tampa Electric Company**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42 - 2E

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

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. ECRC Revenues (net of Revenue Taxes)	\$6,863,889	\$6,593,330	\$6,130,408	\$6,198,652	\$7,285,937	\$8,524,025	\$9,262,914	\$9,185,007	\$9,452,512	\$8,339,837	\$7,165,120	\$7,065,306	\$92,066,937
2. True-Up Provision	(204,961)	(204,961)	(204,961)	(204,961)	(204,961)	(204,961)	(204,961)	(204,961)	(204,961)	(204,961)	(204,961)	(204,963)	(2,459,534)
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	6,658,928	6,388,369	5,925,447	5,993,691	7,080,976	8,319,064	9,057,953	8,980,046	9,247,551	8,134,876	6,960,159	6,860,343	89,607,403
4. Jurisdictional ECRC Costs													
a. O & M Activities (Form 42-5A, Line 9)	1,868,471	2,441,199	2,028,291	1,867,750	2,348,838	3,261,598	2,318,417	2,331,613	2,286,690	2,236,076	2,285,001	2,408,876	27,682,820
b. Capital Investment Projects (Form 42-7A, Line 9)	4,606,744	4,600,567	4,594,325	4,584,666	4,597,287	4,616,763	4,506,990	4,497,820	4,487,791	4,560,860	4,709,821	4,708,212	55,071,846
c. Total Jurisdictional ECRC Costs	6,475,215	7,041,766	6,622,616	6,452,416	6,946,125	7,878,361	6,825,407	6,829,433	6,774,481	6,796,936	6,994,822	7,117,088	82,754,666
5. Over/Under Recovery (Line 3 - Line 4c)	183,713	(653,397)	(697,169)	(458,725)	134,851	440,703	2,232,546	2,150,613	2,473,070	1,337,940	(34,663)	(256,745)	6,852,737
6. Interest Provision (Form 42-3A, Line 10)	(14)	(13)	(37)	(66)	(53)	(23)	78	371	648	1,040	1,329	1,338	4,598
7. Beginning Balance True-Up & Interest Provision	(2,459,534)	(1,992,533)	(2,440,982)	(2,933,227)	(3,187,057)	(2,847,298)	(2,201,657)	235,928	2,591,873	5,270,552	6,814,493	6,986,120	(2,459,534)
a. Deferred True-Up from January to December 2013	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072	1,957,072
8. True-Up Collected/(Refunded) (see Line 2)	204,961	204,961	204,961	204,961	204,961	204,961	204,961	204,961	204,961	204,961	204,961	204,963	2,459,534
9. End of Period Total True-Up (Lines 5+6+7+7a+8)	(113,802)	(483,910)	(976,155)	(1,229,985)	(890,226)	(244,585)	2,193,000	4,548,945	7,227,624	8,771,565	8,943,192	8,892,748	8,814,407
10. Adjustment to Period True-Up Including Interest	78,341	0	0	0	0	0	0	0	0	0	0	0	78,341
11. End of Period Total True-Up (Lines 9 + 10)	(\$35,461)	(\$483,910)	(\$976,155)	(\$1,229,985)	(\$890,226)	(\$244,585)	\$2,193,000	\$4,548,945	\$7,227,624	\$8,771,565	\$8,943,192	\$8,892,748	\$8,892,748

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2014 to December 2014

**Interest Provision**  
 (in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1. Beginning True-Up Amount (Form 42-2A, Line 7 + 7a + 10)	(\$424,121)	(\$35,461)	(\$483,910)	(\$976,155)	(\$1,229,985)	(\$890,226)	(\$244,585)	\$2,193,000	\$4,548,945	\$7,227,624	\$8,771,565	\$8,943,192	
2. Ending True-Up Amount Before Interest	(35,447)	(483,897)	(976,118)	(1,229,919)	(890,173)	(244,562)	2,192,922	4,548,574	7,226,976	8,770,525	8,941,863	8,891,410	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(459,568)	(519,358)	(1,460,028)	(2,206,074)	(2,120,158)	(1,134,788)	1,948,337	6,741,574	11,775,921	15,998,149	17,713,428	17,834,602	
4. Average True-Up Amount (Line 3 x 1/2)	(229,784)	(259,679)	(730,014)	(1,103,037)	(1,060,079)	(567,394)	974,169	3,370,787	5,887,961	7,999,075	8,856,714	8,917,301	
5. Interest Rate (First Day of Reporting Business Month)	0.08%	0.07%	0.06%	0.07%	0.08%	0.04%	0.06%	0.13%	0.13%	0.13%	0.18%	0.18%	
6. Interest Rate (First Day of Subsequent Business Month)	0.07%	0.06%	0.07%	0.08%	0.04%	0.06%	0.13%	0.13%	0.13%	0.180%	0.180%	0.180%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.15%	0.13%	0.13%	0.15%	0.12%	0.10%	0.19%	0.26%	0.26%	0.31%	0.36%	0.36%	
8. Average Interest Rate (Line 7 x 1/2)	0.075%	0.065%	0.065%	0.075%	0.060%	0.050%	0.095%	0.130%	0.130%	0.155%	0.180%	0.180%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.006%	0.005%	0.005%	0.006%	0.005%	0.004%	0.008%	0.011%	0.011%	0.013%	0.015%	0.015%	
10. Interest Provision for the Month (Line 4 x Line 9)	(\$14)	(\$13)	(\$37)	(\$66)	(\$53)	(\$23)	\$78	\$371	\$648	\$1,040	\$1,329	\$1,338	\$4,598

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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

Line	(1)	(2)	(3)		(4)
	Actual/Estimated	Original Projection	Variance		Percent
			Amount		
1.	Description of O&M Activities				
a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	\$5,127,113	\$5,624,000	(\$496,887)	-8.8%
b.	Big Bend Units 1 & 2 Flue Gas Conditioning	-	-	-	0.0%
c.	SO <sub>2</sub> Emissions Allowances	11,331	27,114	(15,783)	-58.2%
d.	Big Bend Units 1 & 2 FGD	11,132,440	10,965,200	167,240	1.5%
e.	Big Bend PM Minimization and Monitoring	834,530	900,000	(65,470)	-7.3%
f.	Big Bend NO <sub>x</sub> Emissions Reduction	93,609	375,000	(281,391)	-75.0%
g.	NPDES Annual Surveillance Fees	34,500	34,500	-	0.0%
h.	Gannon Thermal Discharge Study	-	-	-	0.0%
i.	Polk NO <sub>x</sub> Emissions Reduction	24,404	29,370	(4,966)	-16.9%
j.	Bayside SCR Consumables	129,943	150,000	(20,057)	-13.4%
k.	Big Bend Unit 4 SOFA	131,273	-	131,273	N/A
l.	Big Bend Unit 1 Pre-SCR	36,792	-	36,792	N/A
m.	Big Bend Unit 2 Pre-SCR	55,125	-	55,125	N/A
n.	Big Bend Unit 3 Pre-SCR	53,761	-	53,761	N/A
o.	Clean Water Act Section 316(b) Phase II Study	50,023	-	50,023	N/A
p.	Arsenic Groundwater Standard Program	942,705	422,000	520,705	123.4%
q.	Big Bend 1 SCR	2,636,572	2,407,142	229,430	9.5%
r.	Big Bend 2 SCR	2,605,955	2,949,679	(343,724)	-11.7%
s.	Big Bend 3 SCR	1,910,119	1,974,842	(64,723)	-3.3%
t.	Big Bend 4 SCR	851,578	1,141,275	(289,697)	-25.4%
u.	Mercury Air Toxics Standard	115,055	218,500	(103,445)	-47.3%
v.	Greenhouse Gas Reduction Program	110,991	114,097	(3,106)	-2.7%
w.	Big Bend Gypsum Storage Facility	795,000	1,051,232	(256,232)	-24.4%
2.	Total Investment Projects - Recoverable Costs	\$27,682,819	\$28,383,951	(\$701,132)	-2.5%
3.	Recoverable Costs Allocated to Energy	\$26,655,591	\$27,927,451	(\$1,271,860)	-4.6%
4.	Recoverable Costs Allocated to Demand	\$1,027,228	\$456,500	\$570,728	125.0%

**Notes:**

Column (1) is the End of Period Totals on Form 42-5E.  
 Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-13-0606-FOF-EI.  
 Column (3) = Column (1) - Column (2)  
 Column (4) = Column (3) / Column (2)

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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

Line	Description of O&M Activities	Actual	Actual	Actual	Actual	Actual	Actual	Estimate	Estimate	Estimate	Estimate	Estimate	Estimate	End of	Method of Classification	
		January	February	March	April	May	June	July	August	September	October	November	December	Period Total	Demand	Energy
1.	Description of O&M Activities															
a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	\$355,487	\$387,424	\$374,261	\$425,421	\$576,481	\$495,839	\$407,950	\$407,950	\$407,950	\$440,200	\$407,950	\$440,200	\$5,127,113		\$5,127,113
b.	Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0	0	0	0	0	0	0	0	0	0		0
c.	SO <sub>2</sub> Emissions Allowances	(234)	(300)	304	(556)	268	297	1,943	1,933	1,918	1,966	1,916	1,876	11,331		11,331
d.	Big Bend Units 1 & 2 FGD	745,006	1,080,219	871,080	820,275	921,041	1,063,368	913,575	913,575	913,575	913,575	988,575	988,575	11,132,440		11,132,440
e.	Big Bend PM Minimization and Monitoring	32,162	69,732	58,426	3,700	28,212	14,297	278,000	70,000	70,000	70,000	70,000	70,000	834,530		834,530
f.	Big Bend NO <sub>x</sub> Emissions Reduction	4,399	2,614	21,212	0	5,342	41	10,000	10,000	10,000	10,000	10,000	10,000	93,609		93,609
g.	NPDES Annual Surveillance Fees	34,500	0	0	0	0	0	0	0	0	0	0	0	34,500	\$34,500	
h.	Gannon Thermal Discharge Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i.	Polk NO <sub>x</sub> Reduction	2,093	0	797	5,746	929	929	2,060	2,060	2,060	3,610	2,060	2,060	24,404		24,404
j.	Bayside SCR and Ammonia	824	11,407	734	12,026	12,933	14,017	13,000	13,000	13,000	13,000	13,000	13,000	129,943		129,943
k.	Big Bend Unit 4 SOFA	0	0	0	55,611	91,521	(45,859)	5,000	5,000	5,000	5,000	5,000	5,000	131,273		131,273
l.	Big Bend Unit 1 Pre-SCR	13,490	42	725	0	3,885	650	3,000	3,000	3,000	3,000	3,000	3,000	36,792		36,792
m.	Big Bend Unit 2 Pre-SCR	1,350	10,869	0	0	15,744	3,162	4,000	4,000	4,000	4,000	4,000	4,000	55,125		55,125
n.	Big Bend Unit 3 Pre-SCR	575	0	20,547	4,010	1,591	39	4,500	4,500	4,500	4,500	4,500	4,500	53,761		53,761
o.	Clean Water Act Section 316(b) Phase II Study	0	2	0	0	2	18	0	0	0	0	25,000	25,000	50,023	50,023	
p.	Arsenic Groundwater Standard Program	16	7,056	57	23,255	(11,143)	783,465	0	50,000	25,000	25,000	0	40,000	942,705	942,705	
q.	Big Bend 1 SCR	190,662	231,950	288,533	181,050	260,989	228,286	222,198	222,398	216,173	180,769	192,857	220,707	2,636,572		2,636,572
r.	Big Bend 2 SCR	232,414	237,572	178,486	162,946	213,363	293,479	229,185	229,204	222,833	193,158	187,188	226,126	2,605,955		2,605,955
s.	Big Bend 3 SCR	189,918	288,548	151,606	45,001	182,067	283,348	138,449	139,334	134,249	100,397	126,328	130,875	1,910,119		1,910,119
t.	Big Bend 4 SCR	58,855	113,714	59,745	39,265	32,571	93,932	79,670	79,659	77,432	81,901	76,877	57,957	851,578		851,578
u.	Mercury Air Toxics Standard	603	0	0	0	0	7,703	31,000	11,000	11,000	31,000	11,750	11,000	115,055		115,055
v.	Greenhouse Gas Reduction Program	6,350	350	1,778	90,000	13,040	24,587	(25,113)	0	0	0	0	0	110,991		110,991
w.	Big Bend Gypsum Storage Facility	0	0	0	0	0	0	165,000	165,000	155,000	155,000	155,000	155,000	795,000		795,000
2.	Total of O&M Activities	1,868,471	2,441,199.00	2,028,291	1,867,750	2,348,838.00	3,261,598	2,318,417	2,331,613	2,286,690	2,236,076	2,285,001	2,408,876	27,682,819	\$1,027,228	\$26,655,591
3.	Recoverable Costs Allocated to Energy	1,833,955	2,434,141	2,028,234	1,844,495	2,359,979	2,478,115	2,318,417	2,281,613	2,261,690	2,211,076	2,260,001	2,343,876	26,655,591		
4.	Recoverable Costs Allocated to Demand	34,516	7,058	57	23,255	(11,141)	783,483	0	50,000	25,000	25,000	25,000	65,000	1,027,228		
5.	Retail 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			
6.	Retail 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			
7.	Jurisdictional Energy Recoverable Costs (A)	1,833,955	2,434,141	2,028,234	1,844,495	2,359,979	2,478,115	2,318,417	2,281,613	2,261,690	2,211,076	2,260,001	2,343,876	26,655,592		
8.	Jurisdictional Demand Recoverable Costs (B)	34,516	7,058	57	23,255	(11,141)	783,483	0	50,000	25,000	25,000	25,000	65,000	1,027,228		
9.	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	\$1,868,471	\$2,441,199	\$2,028,291	\$1,867,750	\$2,348,838	\$3,261,598	\$2,318,417	\$2,331,613	\$2,286,690	\$2,236,076	\$2,285,001	\$2,408,876	\$27,682,820		

**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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42 - 6E

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

Line	(1) Actual/Estimated	(2) Original Projection	(3) Variance Amount	(4) Percent
1. Description of Investment Projects				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$1,196,675	\$1,253,366	(\$56,691)	-4.5%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	334,436	336,751	(2,315)	-0.7%
c. Big Bend Unit 4 Continuous Emissions Monitors	66,791	67,444	(653)	-1.0%
d. Big Bend Fuel Oil Tank # 1 Upgrade	43,164	43,605	(441)	-1.0%
e. Big Bend Fuel Oil Tank # 2 Upgrade	70,995	71,718	(723)	-1.0%
f. Big Bend Unit 1 Classifier Replacement	106,361	107,253	(892)	-0.8%
g. Big Bend Unit 2 Classifier Replacement	76,653	77,323	(670)	-0.9%
h. Big Bend Section 114 Mercury Testing Platform	11,028	11,155	(127)	-1.1%
i. Big Bend Units 1 & 2 FGD	7,605,280	7,631,382	(26,102)	-0.3%
j. Big Bend FGD Optimization and Utilization	1,921,092	1,944,311	(23,219)	-1.2%
k. Big Bend NO <sub>x</sub> Emissions Reduction	631,587	640,203	(8,616)	-1.3%
l. Big Bend PM Minimization and Monitoring	1,733,781	1,866,134	(132,353)	-7.1%
m. Polk NO <sub>x</sub> Emissions Reduction	146,881	148,456	(1,575)	-1.1%
n. Big Bend Unit 4 SOFA	254,713	257,711	(2,998)	-1.2%
o. Big Bend Unit 1 Pre-SCR	178,642	180,531	(1,889)	-1.0%
p. Big Bend Unit 2 Pre-SCR	169,162	171,023	(1,861)	-1.1%
q. Big Bend Unit 3 Pre-SCR	300,329	303,777	(3,448)	-1.1%
r. Big Bend Unit 1 SCR	10,160,785	10,315,438	(154,653)	-1.5%
s. Big Bend Unit 2 SCR	10,672,977	10,791,227	(118,250)	-1.1%
t. Big Bend Unit 3 SCR	8,803,715	8,901,751	(98,036)	-1.1%
u. Big Bend Unit 4 SCR	6,658,597	6,858,460	(199,863)	-2.9%
v. Big Bend FGD System Reliability	2,646,671	2,675,788	(29,117)	-1.1%
w. Mercury Air Toxics Standards	725,207	1,097,496	(372,289)	-33.9%
x. SO <sub>2</sub> Emissions Allowances	(3,356)	(3,414)	58	-1.7%
y. Big Bend Gypsum Storage Facility	559,680	1,664,973	(1,105,293)	-66.4%
2. Total Investment Projects - Recoverable Costs	\$55,071,846	\$57,413,862	(\$2,342,016)	-4.1%
3. Recoverable Costs Allocated to Energy	\$54,957,687	\$57,298,539	(\$2,340,852)	-4.1%
4. Recoverable Costs Allocated to Demand	\$114,159	\$115,323	(\$1,164)	-1.0%

**Notes:**

Column (1) is the End of Period Totals on Form 42-7E.  
Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-13-0606-FOF-EI.  
Column (3) = Column (1) - Column (2)  
Column (4) = Column (3) / Column (2)

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2014 to December 2014

Form 42-7E

**Capital Investment Projects-Recoverable Costs**

(in Dollars)

Line	Description (A)	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total	Method of Classification Demand	Energy
1. a.	Big Bend Unit 3 Flue Gas Desulfurization Integrati	\$101,499	\$101,503	\$101,507	\$101,343	\$101,121	\$100,905	\$98,325	\$98,249	\$98,170	\$98,093	\$98,013	\$97,947	\$1,196,675		\$1,196,675
b.	Big Bend Units 1 and 2 Flue Gas Conditioning	28,760	28,634	28,507	28,380	28,253	28,126	27,603	27,480	27,357	27,235	27,112	26,989	334,436		334,436
c.	Big Bend Unit 4 Continuous Emissions Monitors	5,720	5,702	5,684	5,666	5,648	5,630	5,501	5,483	5,466	5,448	5,430	5,413	66,791		66,791
d.	Big Bend Fuel Oil Tank # 1 Upgrade	3,694	3,676	3,658	3,641	3,623	3,605	3,543	3,525	3,507	3,489	3,471	3,453	43,164	\$43,164	
e.	Big Bend Fuel Oil Tank # 2 Upgrade	6,076	6,058	6,040	6,022	6,004	5,986	5,846	5,828	5,810	5,793	5,775	5,757	70,995	70,995	
f.	Big Bend Unit 1 Classifier Replacement	9,127	9,093	9,058	9,024	8,990	8,955	8,736	8,702	8,669	8,636	8,602	8,569	106,361		106,361
g.	Big Bend Unit 2 Classifier Replacement	6,575	6,551	6,527	6,503	6,480	6,455	6,318	6,295	6,272	6,249	6,226	6,202	76,653		76,653
h.	Big Bend Section 114 Mercury Testing Platform	942	940	937	936	933	931	907	905	902	901	898	896	11,028		11,028
i.	Big Bend Units 1 & 2 FGD	643,235	643,288	643,048	641,676	639,985	638,534	624,587	624,174	623,230	621,297	620,858	620,419	7,605,280		7,605,280
j.	Big Bend FGD Optimization and Utilization	163,983	163,628	163,271	162,916	162,560	162,204	157,949	157,604	157,260	156,916	156,573	156,228	1,921,092		1,921,092
k.	Big Bend NO <sub>x</sub> Emissions Reduction	53,790	53,711	53,631	53,550	53,470	53,391	51,867	51,790	51,713	51,635	51,558	51,481	631,587		631,587
l.	Big Bend PM Minimization and Monitoring	148,106	147,754	147,413	147,065	146,661	146,295	142,606	142,261	141,915	141,574	141,234	140,897	1,733,781		1,733,781
m.	Polk NO <sub>x</sub> Emissions Reduction	12,563	12,527	12,493	12,458	12,424	12,389	12,089	12,055	12,022	11,987	11,954	11,920	146,881		146,881
n.	Big Bend Unit 4 SOFA	21,752	21,702	21,652	21,602	21,551	21,501	20,947	20,898	20,850	20,801	20,753	20,704	254,713		254,713
o.	Big Bend Unit 1 Pre-SCR	15,282	15,239	15,196	15,152	15,109	15,066	14,704	14,663	14,620	14,579	14,537	14,495	178,642		178,642
p.	Big Bend Unit 2 Pre-SCR	14,463	14,425	14,386	14,348	14,309	14,271	13,919	13,882	13,846	13,808	13,771	13,734	169,162		169,162
q.	Big Bend Unit 3 Pre-SCR	25,659	25,596	25,533	25,471	25,408	25,346	24,704	24,643	24,583	24,522	24,462	24,402	300,329		300,329
r.	Big Bend Unit 1 SCR	861,255	861,016	860,848	858,564	861,960	859,538	838,792	836,461	834,112	831,763	829,413	827,063	10,160,785		10,160,785
s.	Big Bend Unit 2 SCR	912,375	909,991	907,608	905,225	902,841	900,457	878,173	875,869	873,565	871,261	868,958	866,654	10,672,977		10,672,977
t.	Big Bend Unit 3 SCR	752,517	750,570	748,624	746,678	744,732	742,786	724,337	722,456	720,576	718,694	716,813	714,932	8,803,715		8,803,715
u.	Big Bend Unit 4 SCR	566,885	566,646	566,408	566,007	563,601	562,199	548,059	546,692	545,326	543,959	542,591	541,224	6,658,597		6,658,597
v.	Big Bend FGD System Reliability	225,633	225,230	224,827	224,423	224,020	223,616	217,462	217,072	216,682	216,292	215,902	215,512	2,646,671		2,646,671
w.	Mercury Air Toxics Standards	27,140	27,365	27,741	29,282	47,861	78,828	80,247	81,055	81,553	81,381	81,249	81,117	725,207		725,207
y.	SO <sub>2</sub> Emissions Allowances (B)	(287)	(286)	(286)	(286)	(285)	(285)	(275)	(274)	(274)	(273)	(273)	(272)	(3,356)		(3,356)
z.	Big Bend Gypsum Storage Facility	0	0	0	0	0	0	0	0	0	84,630	237,735	237,315	559,680		559,680
2.	Total Investment Projects - Recoverable Costs	4,606,744	4,600,567	4,594,325	4,584,666	4,597,287	4,616,763	4,506,990	4,497,820	4,487,791	4,560,860	4,709,821	4,708,212	55,071,846	\$114,159	\$54,957,687
3.	Recoverable Costs Allocated to Energy	4,596,974	4,590,825	4,584,613	4,574,983	4,587,632	4,607,138	4,497,590	4,488,449	4,478,448	4,551,545	4,700,535	4,698,955	54,957,687		
4.	Recoverable Costs Allocated to Demand	9,770	9,742	9,712	9,683	9,655	9,625	9,400	9,371	9,343	9,315	9,286	9,257	114,159		
5.	Retail 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			
6.	Retail 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			
7.	Jurisdictional Energy Recoverable Costs (C)	4,596,974	4,590,825	4,584,613	4,574,983	4,587,632	4,607,138	4,497,590	4,488,449	4,478,448	4,551,545	4,700,535	4,698,955	54,957,687		
8.	Jurisdictional Demand Recoverable Costs (D)	9,770	9,742	9,712	9,683	9,655	9,625	9,400	9,371	9,343	9,315	9,286	9,257	114,159		
9.	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	\$4,606,744	\$4,600,567	\$4,594,325	\$4,584,666	\$4,597,287	\$4,616,763	\$4,506,990	\$4,497,820	\$4,487,791	\$4,560,860	\$4,709,821	\$4,708,212	\$55,071,846		

**Notes:**

- (A) Each project's Total System Recoverable Expenses on Form 42-8E, Line 9
- (B) Project's Total Return Component on Form 42-8E, 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$7,724	\$45,762	\$9,380	\$136	\$285	\$843	\$18,029	\$17,765	\$17,765	\$17,765	\$17,390	\$20,916	\$173,761
b.	Clearings to Plant		6,977	3,338	8,681	(1,577)	0	0	0	0	0	0	0	179,065	196,484
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)	\$13,418,356	\$13,425,333	\$13,428,671	\$13,437,352	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,435,775	\$13,614,840	
3.	Less: Accumulated Depreciation	(4,076,533)	(4,104,488)	(4,132,457)	(4,160,433)	(4,188,427)	(4,216,418)	(4,244,409)	(4,272,400)	(4,300,391)	(4,328,382)	(4,356,373)	(4,384,364)	(4,412,355)	
4.	CWIP - Non-Interest Bearing	22,722	23,469	65,894	66,593	68,306	68,591	69,435	87,463	105,228	122,993	140,758	158,148	(0)	
5.	Net Investment (Lines 2 + 3 + 4)	\$9,364,545	9,344,314	9,362,107	9,343,512	9,315,654	9,287,948	9,260,801	9,250,838	9,240,612	9,230,386	9,220,160	9,209,559	9,202,484	
6.	Average Net Investment		9,354,430	9,353,211	9,352,809	9,329,583	9,301,801	9,274,375	9,255,820	9,245,725	9,235,499	9,225,273	9,214,860	9,206,022	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		56,315	56,308	56,305	56,166	55,998	55,833	54,643	54,584	54,523	54,463	54,401	54,349	\$663,888
b.	Debt Component Grossed Up For Taxes (C)		17,229	17,226	17,226	17,183	17,132	17,081	15,691	15,674	15,656	15,639	15,621	15,607	196,965
8.	Investment Expenses														
a.	Depreciation (D)		\$27,955	\$27,969	\$27,976	\$27,994	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$27,991	\$335,822
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)		101,499	101,503	101,507	101,343	101,121	100,905	98,325	98,249	98,170	98,093	98,013	97,947	1,196,675
a.	Recoverable Costs Allocated to Energy		101,499	101,503	101,507	101,343	101,121	100,905	98,325	98,249	98,170	98,093	98,013	97,947	1,196,675
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)		101,499	101,503	101,507	101,343	101,121	100,905	98,325	98,249	98,170	98,093	98,013	97,947	1,196,675
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)		\$101,499	\$101,503	\$101,507	\$101,343	\$101,121	\$100,905	\$98,325	\$98,249	\$98,170	\$98,093	\$98,013	\$97,947	\$1,196,675

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.45
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42-8E  
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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	\$5,017,734
3.	Less: Accumulated Depreciation	(3,404,510)	(3,420,651)	(3,436,792)	(3,452,933)	(3,469,074)	(3,485,215)	(3,501,356)	(3,517,497)	(3,533,638)	(3,549,779)	(3,565,920)	(3,582,061)	(3,598,202)	(3,598,202)
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)	\$1,613,224	1,597,083	1,580,942	1,564,801	1,548,660	1,532,519	1,516,378	1,500,237	1,484,096	1,467,955	1,451,814	1,435,673	1,419,532	
6.	Average Net Investment		1,605,154	1,589,013	1,572,872	1,556,731	1,540,590	1,524,449	1,508,308	1,492,167	1,476,026	1,459,885	1,443,744	1,427,603	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		9,663	9,566	9,469	9,372	9,275	9,177	8,905	8,809	8,714	8,619	8,523	8,428	\$108,520
b.	Debt Component Grossed Up For Taxes (C)		2,956	2,927	2,897	2,867	2,837	2,808	2,557	2,530	2,502	2,475	2,448	2,420	32,224
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)		28,760	28,634	28,507	28,380	28,253	28,126	27,603	27,480	27,357	27,235	27,112	26,989	334,436
a.	Recoverable Costs Allocated to Energy		28,760	28,634	28,507	28,380	28,253	28,126	27,603	27,480	27,357	27,235	27,112	26,989	334,436
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)		28,760	28,634	28,507	28,380	28,253	28,126	27,603	27,480	27,357	27,235	27,112	26,989	334,436
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)		\$28,760	\$28,634	\$28,507	\$28,380	\$28,253	\$28,126	\$27,603	\$27,480	\$27,357	\$27,235	\$27,112	\$26,989	\$334,436

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$2,676,217) and 312.42 (\$2,341,517)
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42-8E  
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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	(431,285)	(433,595)	(435,905)	(438,215)	(440,525)	(442,835)	(445,145)	(447,455)	(449,765)	(452,075)	(454,385)	(456,695)	(459,005)	
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)	\$434,926	432,616	430,306	427,996	425,686	423,376	421,066	418,756	416,446	414,136	411,826	409,516	407,206	
6.	Average Net Investment		433,771	431,461	429,151	426,841	424,531	422,221	419,911	417,601	415,291	412,981	410,671	408,361	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		2,611	2,597	2,584	2,570	2,556	2,542	2,479	2,465	2,452	2,438	2,424	2,411	\$30,129
b.	Debt Component Grossed Up For Taxes (C)		799	795	790	786	782	778	712	708	704	700	696	692	8,942
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)		5,720	5,702	5,684	5,666	5,648	5,630	5,501	5,483	5,466	5,448	5,430	5,413	66,791
a.	Recoverable Costs Allocated to Energy		5,720	5,702	5,684	5,666	5,648	5,630	5,501	5,483	5,466	5,448	5,430	5,413	66,791
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)		5,720	5,702	5,684	5,666	5,648	5,630	5,501	5,483	5,466	5,448	5,430	5,413	66,791
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)		\$5,720	\$5,702	\$5,684	\$5,666	\$5,648	\$5,630	\$5,501	\$5,483	\$5,466	\$5,448	\$5,430	\$5,413	\$66,791

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 315.44
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% x1/12 (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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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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DOCKET NO. 140007-EI  
 ECRC 2014 ACTUAL/ESTIMATED TRUE-UP  
 EXHIBIT NO. \_\_\_\_\_ (PAR-1), DOCUMENT NO. 8,  
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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42-8E  
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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	
3.	Less: Accumulated Depreciation	(206,272)	(207,682)	(209,092)	(210,502)	(211,912)	(213,322)	(214,732)	(216,142)	(217,552)	(218,962)	(220,372)	(221,782)	(223,192)	
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)	\$291,306	289,896	288,486	287,076	285,666	284,256	282,846	281,436	280,026	278,616	277,206	275,796	274,386	
6.	Average Net Investment		290,601	289,191	287,781	286,371	284,961	283,551	282,141	280,731	279,321	277,911	276,501	275,091	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		1,749	1,741	1,732	1,724	1,716	1,707	1,666	1,657	1,649	1,641	1,632	1,624	\$20,238
b.	Debt Component Grossed Up For Taxes (C)		535	533	530	527	525	522	478	476	474	471	469	466	6,006
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)		3,694	3,684	3,672	3,661	3,651	3,639	3,554	3,543	3,533	3,522	3,511	3,500	43,164
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		3,694	3,684	3,672	3,661	3,651	3,639	3,554	3,543	3,533	3,522	3,511	3,500	43,164
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)		3,694	3,684	3,672	3,661	3,651	3,639	3,554	3,543	3,533	3,522	3,511	3,500	43,164
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,694	\$3,684	\$3,672	\$3,661	\$3,651	\$3,639	\$3,554	\$3,543	\$3,533	\$3,522	\$3,511	\$3,500	\$43,164

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.40
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% x1/12 (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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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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DOCKET NO. 140007-EI  
 ECRC 2014 ACTUAL/ESTIMATED TRUE-UP  
 EXHIBIT NO. (PAR-1), DOCUMENT NO. 8,  
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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	
3.	Less: Accumulated Depreciation	(339,280)	(341,599)	(343,918)	(346,237)	(348,556)	(350,875)	(353,194)	(355,513)	(357,832)	(360,151)	(362,470)	(364,789)	(367,108)	
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)	\$479,121	476,802	474,483	472,164	469,845	467,526	465,207	462,888	460,569	458,250	455,931	453,612	451,293	
6.	Average Net Investment		477,962	475,643	473,324	471,005	468,686	466,367	464,048	461,729	459,410	457,091	454,772	452,453	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		2,877	2,863	2,849	2,836	2,822	2,808	2,740	2,726	2,712	2,699	2,685	2,671	\$33,288
b.	Debt Component Grossed Up For Taxes (C)		880	876	872	867	863	859	787	783	779	775	771	767	9,879
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)		6,076	6,058	6,040	6,022	6,004	5,986	5,846	5,828	5,810	5,793	5,775	5,757	70,995
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		6,076	6,058	6,040	6,022	6,004	5,986	5,846	5,828	5,810	5,793	5,775	5,757	70,995
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)		6,076	6,058	6,040	6,022	6,004	5,986	5,846	5,828	5,810	5,793	5,775	5,757	70,995
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$6,076	\$6,058	\$6,040	\$6,022	\$6,004	\$5,986	\$5,846	\$5,828	\$5,810	\$5,793	\$5,775	\$5,757	\$70,995

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.40
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.4%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42-8E  
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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	(711,224)	(715,612)	(720,000)	(724,388)	(728,776)	(733,164)	(737,552)	(741,940)	(746,328)	(750,716)	(755,104)	(759,492)	(763,880)	
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)	\$605,033	600,645	596,257	591,869	587,481	583,093	578,705	574,317	569,929	565,541	561,153	556,765	552,377	
6.	Average Net Investment		602,839	598,451	594,063	589,675	585,287	580,899	576,511	572,123	567,735	563,347	558,959	554,571	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		3,629	3,603	3,576	3,550	3,524	3,497	3,404	3,378	3,352	3,326	3,300	3,274	\$41,413
b.	Debt Component Grossed Up For Taxes (C)		1,110	1,102	1,094	1,086	1,078	1,070	977	970	962	955	948	940	12,292
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)		9,127	9,093	9,058	9,024	8,990	8,955	8,769	8,736	8,702	8,669	8,636	8,602	106,361
a.	Recoverable Costs Allocated to Energy		9,127	9,093	9,058	9,024	8,990	8,955	8,769	8,736	8,702	8,669	8,636	8,602	106,361
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)		9,127	9,093	9,058	9,024	8,990	8,955	8,769	8,736	8,702	8,669	8,636	8,602	106,361
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)		\$9,127	\$9,093	\$9,058	\$9,024	\$8,990	\$8,955	\$8,769	\$8,736	\$8,702	\$8,669	\$8,636	\$8,602	\$106,361

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.41
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42-8E  
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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	
3.	Less: Accumulated Depreciation	(533,142)	(536,178)	(539,214)	(542,250)	(545,286)	(548,322)	(551,358)	(554,394)	(557,430)	(560,466)	(563,502)	(566,538)	(569,574)	
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)	\$451,652	448,616	445,580	442,544	439,508	436,472	433,436	430,400	427,364	424,328	421,292	418,256	415,220	
6.	Average Net Investment		450,134	447,098	444,062	441,026	437,990	434,954	431,918	428,882	425,846	422,810	419,774	416,738	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		2,710	2,692	2,673	2,655	2,637	2,618	2,550	2,532	2,514	2,496	2,478	2,460	\$31,015
b.	Debt Component Grossed Up For Taxes (C)		829	823	818	812	807	801	732	727	722	717	712	706	9,206
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)		6,575	6,551	6,527	6,503	6,480	6,455	6,318	6,295	6,272	6,249	6,226	6,202	76,653
a.	Recoverable Costs Allocated to Energy		6,575	6,551	6,527	6,503	6,480	6,455	6,318	6,295	6,272	6,249	6,226	6,202	76,653
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)		6,575	6,551	6,527	6,503	6,480	6,455	6,318	6,295	6,272	6,249	6,226	6,202	76,653
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)		\$6,575	\$6,551	\$6,527	\$6,503	\$6,480	\$6,455	\$6,318	\$6,295	\$6,272	\$6,249	\$6,226	\$6,202	\$76,653

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.42
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% x1/12 (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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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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DOCKET NO. 140007-EI  
 ECRC 2014 ACTUAL/ESTIMATED TRUE-UP  
 EXHIBIT NO. \_\_\_\_\_ (PAR-1), DOCUMENT NO. 8,  
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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	\$120,737
3.	Less: Accumulated Depreciation	(37,891)	(38,183)	(38,475)	(38,767)	(39,059)	(39,351)	(39,643)	(39,935)	(40,227)	(40,519)	(40,811)	(41,103)	(41,395)	(41,395)
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)	\$82,846	82,554	82,262	81,970	81,678	81,386	81,094	80,802	80,510	80,218	79,926	79,634	79,342	
6.	Average Net Investment		82,700	82,408	82,116	81,824	81,532	81,240	80,948	80,656	80,364	80,072	79,780	79,488	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		498	496	494	493	491	489	478	476	474	473	471	469	\$5,802
b.	Debt Component Grossed Up For Taxes (C)		152	152	151	151	150	150	137	137	136	136	135	135	1,722
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)		942	940	937	936	933	931	907	905	902	901	898	896	11,028
a.	Recoverable Costs Allocated to Energy		942	940	937	936	933	931	907	905	902	901	898	896	11,028
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)		942	940	937	936	933	931	907	905	902	901	898	896	11,028
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)		\$942	\$940	\$937	\$936	\$933	\$931	\$907	\$905	\$902	\$901	\$898	\$896	\$11,028

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.40
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$485,130	\$23,341	\$51,649	\$21,888	\$46,580	\$83,080	\$133,850	\$260,565	\$0	\$0	\$137,968	\$48,511	\$1,292,562
b.	Clearings to Plant		14,990	486,750	80,098	\$13,971	14,210	4,813	7,711	0	0	870,016	1,344,648	439,376	3,276,584
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		38,080	106,333	112,909	33,281	81,845	58,571	46,469	52,268	231,009	551,020	154,953	0	1,466,738
2.	Plant-in-Service/Depreciation Base (A)	\$91,880,808	\$91,895,798	92,382,548	\$92,462,646	\$92,476,617	\$92,490,827	\$92,495,640	\$92,503,351	\$92,503,351	\$92,503,351	\$93,373,367	\$94,718,015	\$95,157,391	
3.	Less: Accumulated Depreciation	(42,675,732)	(42,928,404)	(43,181,117)	(43,435,169)	(43,689,441)	(43,943,752)	(44,198,102)	(44,452,465)	(44,706,849)	(44,961,233)	(45,215,617)	(45,472,394)	(45,732,869)	
4.	CWIP - Non-Interest Bearing	356,516	826,656	363,246	364,759	372,676	405,046	483,313	609,452	870,017	870,017	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$49,561,592	49,794,050	49,564,678	49,392,236	49,159,852	48,952,121	48,780,851	48,660,338	48,666,519	48,412,135	48,157,750	49,245,622	49,424,523	
6.	Average Net Investment		49,677,821	49,679,364	49,478,457	49,276,044	49,055,986	48,866,486	48,720,594	48,663,428	48,539,327	48,284,943	48,701,686	49,335,072	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		299,069	299,078	297,869	296,650	295,325	294,184	287,630	287,293	286,560	285,058	287,519	291,258	\$3,507,493
b.	Debt Component Grossed Up For Taxes (C)		91,494	91,497	91,127	90,754	90,349	90,000	82,594	82,497	82,286	81,855	82,562	83,635	1,040,650
8.	Investment Expenses														
a.	Depreciation (D)		\$252,672	\$252,713	\$254,052	\$254,272	\$254,311	\$254,350	\$254,363	\$254,384	\$254,384	\$254,384	\$256,777	\$260,475	\$3,057,137
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)		643,235	643,288	643,048	641,676	639,985	638,534	624,587	624,174	623,230	621,297	626,858	635,368	7,605,280
a.	Recoverable Costs Allocated to Energy		643,235	643,288	643,048	641,676	639,985	638,534	624,587	624,174	623,230	621,297	626,858	635,368	7,605,280
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)		643,235	643,288	643,048	641,676	639,985	638,534	624,587	624,174	623,230	621,297	626,858	635,368	7,605,280
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)		\$643,235	\$643,288	\$643,048	\$641,676	\$639,985	\$638,534	\$624,587	\$624,174	\$623,230	\$621,297	\$626,858	\$635,368	\$7,605,280

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.46
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% x1/12 (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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rates are 3.3%
- (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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	(6,617,773)	(6,663,047)	(6,708,321)	(6,753,595)	(6,798,869)	(6,844,143)	(6,889,417)	(6,934,691)	(6,979,965)	(7,025,239)	(7,070,513)	(7,115,787)	(7,161,061)	(7,161,061)
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)	\$15,121,964	15,076,690	15,031,416	14,986,142	14,940,868	14,895,594	14,850,320	14,805,046	14,759,772	14,714,498	14,669,224	14,623,950	14,578,676	
6.	Average Net Investment		15,099,327	15,054,053	15,008,779	14,963,505	14,918,231	14,872,957	14,827,683	14,782,409	14,737,135	14,691,861	14,646,587	14,601,313	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		90,900	90,628	90,355	90,083	89,810	89,538	87,538	87,270	87,003	86,736	86,469	86,201	\$1,062,531
b.	Debt Component Grossed Up For Taxes (C)		27,809	27,726	27,642	27,559	27,476	27,392	25,137	25,060	24,983	24,906	24,830	24,753	315,273
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)		163,983	163,628	163,271	162,916	162,560	162,204	157,949	157,604	157,260	156,916	156,573	156,228	1,921,092
a.	Recoverable Costs Allocated to Energy		163,983	163,628	163,271	162,916	162,560	162,204	157,949	157,604	157,260	156,916	156,573	156,228	1,921,092
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)		163,983	163,628	163,271	162,916	162,560	162,204	157,949	157,604	157,260	156,916	156,573	156,228	1,921,092
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)		\$163,983	\$163,628	\$163,271	\$162,916	\$162,560	\$162,204	\$157,949	\$157,604	\$157,260	\$156,916	\$156,573	\$156,228	\$1,921,092

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$21,699,919) and 311.45 (\$39,818)
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Actual November	Estimate 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	2,360,811	2,350,627	2,340,443	2,330,259	2,320,075	2,309,891	2,299,707	2,289,523	2,279,339	2,269,155	2,258,971	2,248,787	2,238,603	
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)	\$5,551,663	5,541,479	5,531,295	5,521,111	5,510,927	5,500,743	5,490,559	5,480,375	5,470,191	5,460,007	5,449,823	5,439,639	5,429,455	
6.	Average Net Investment		5,546,571	5,536,387	5,526,203	5,516,019	5,505,835	5,495,651	5,485,467	5,475,283	5,465,099	5,454,915	5,444,731	5,434,547	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		33,391	33,330	33,269	33,207	33,146	33,085	32,384	32,324	32,264	32,204	32,144	32,084	\$392,832
b.	Debt Component Grossed Up For Taxes (C)		10,215	10,197	10,178	10,159	10,140	10,122	9,299	9,282	9,265	9,247	9,230	9,213	116,547
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)		53,790	53,711	53,631	53,550	53,470	53,391	51,867	51,790	51,713	51,635	51,558	51,481	631,587
a.	Recoverable Costs Allocated to Energy		53,790	53,711	53,631	53,550	53,470	53,391	51,867	51,790	51,713	51,635	51,558	51,481	631,587
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)		53,790	53,711	53,631	53,550	53,470	53,391	51,867	51,790	51,713	51,635	51,558	51,481	631,587
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)		\$53,790	\$53,711	\$53,631	\$53,550	\$53,470	\$53,391	\$51,867	\$51,790	\$51,713	\$51,635	\$51,558	\$51,481	\$631,587

**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 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$1,990	\$1,162	\$5,579	(\$5,579)	\$0	\$0	\$1,007	\$1,007	\$1,007	\$2,014	\$1,690	\$2,366	\$12,243
b.	Clearings to Plant		0	(42)	5,579	(5,579)	0	0	0	0	0	0	0	0	(42)
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)	\$15,439,589	\$15,439,589	\$15,439,547	\$15,445,126	\$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	
3.	Less: Accumulated Depreciation	(2,492,883)	(2,539,362)	(2,585,841)	(2,632,319)	(2,678,814)	(2,725,292)	(2,771,770)	(2,818,248)	(2,864,726)	(2,911,204)	(2,957,682)	(3,004,160)	(3,050,638)	
4.	CWIP - Non-Interest Bearing	2,069	4,059	5,263	5,263	5,263	5,263	5,263	6,270	7,277	8,284	10,298	11,988	14,354	
5.	Net Investment (Lines 2 + 3 + 4)	\$12,948,775	12,904,286	12,858,969	12,818,070	12,765,996	12,719,518	12,673,040	12,627,569	12,582,098	12,536,627	12,492,163	12,447,375	12,403,263	
6.	Average Net Investment		12,926,531	12,881,628	12,838,519	12,792,033	12,742,757	12,696,279	12,650,304	12,604,833	12,559,362	12,514,395	12,469,769	12,425,319	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		77,820	77,550	77,290	77,010	76,714	76,434	74,683	74,415	74,146	73,881	73,617	73,355	\$906,915
b.	Debt Component Grossed Up For Taxes (C)		23,807	23,725	23,645	23,560	23,469	23,383	21,445	21,368	21,291	21,215	21,139	21,064	269,111
8.	Investment Expenses														
a.	Depreciation (D)		\$46,479	\$46,479	\$46,478	\$46,495	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$46,478	\$557,755
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)		148,106	147,754	147,413	147,065	146,661	146,295	142,606	142,261	141,915	141,574	141,234	140,897	1,733,781
a.	Recoverable Costs Allocated to Energy		148,106	147,754	147,413	147,065	146,661	146,295	142,606	142,261	141,915	141,574	141,234	140,897	1,733,781
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)		148,106	147,754	147,413	147,065	146,661	146,295	142,606	142,261	141,915	141,574	141,234	140,897	1,733,781
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)		\$148,106	\$147,754	\$147,413	\$147,065	\$146,661	\$146,295	\$142,606	\$142,261	\$141,915	\$141,574	\$141,234	\$140,897	\$1,733,781

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$1,513,263), 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 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	
3.	Less: Accumulated Depreciation	(524,058)	(528,482)	(532,906)	(537,330)	(541,754)	(546,178)	(550,602)	(555,026)	(559,450)	(563,874)	(568,298)	(572,722)	(577,146)	
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)	\$1,037,415	1,032,991	1,028,567	1,024,143	1,019,719	1,015,295	1,010,871	1,006,447	1,002,023	997,599	993,175	988,751	984,327	
6.	Average Net Investment		1,035,203	1,030,779	1,026,355	1,021,931	1,017,507	1,013,083	1,008,659	1,004,235	999,811	995,387	990,963	986,539	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		6,232	6,205	6,179	6,152	6,126	6,099	5,955	5,929	5,903	5,876	5,850	5,824	\$72,330
b.	Debt Component Grossed Up For Taxes (C)		1,907	1,898	1,890	1,882	1,874	1,866	1,710	1,702	1,695	1,687	1,680	1,672	21,463
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)		12,563	12,527	12,493	12,458	12,424	12,389	12,089	12,055	12,022	11,987	11,954	11,920	146,881
a.	Recoverable Costs Allocated to Energy		12,563	12,527	12,493	12,458	12,424	12,389	12,089	12,055	12,022	11,987	11,954	11,920	146,881
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)		12,563	12,527	12,493	12,458	12,424	12,389	12,089	12,055	12,022	11,987	11,954	11,920	146,881
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)		\$12,563	\$12,527	\$12,493	\$12,458	\$12,424	\$12,389	\$12,089	\$12,055	\$12,022	\$11,987	\$11,954	\$11,920	\$146,881

**Notes:**

- (A) Applicable depreciable base for Polk; account 342.81
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

Form 42-8E  
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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	(602,378)	(608,775)	(615,172)	(621,569)	(627,966)	(634,363)	(640,760)	(647,157)	(653,554)	(659,951)	(666,348)	(672,745)	(679,142)	
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)	\$1,956,352	1,949,955	1,943,558	1,937,161	1,930,764	1,924,367	1,917,970	1,911,573	1,905,176	1,898,779	1,892,382	1,885,985	1,879,588	
6.	Average Net Investment		1,953,154	1,946,757	1,940,360	1,933,963	1,927,566	1,921,169	1,914,772	1,908,375	1,901,978	1,895,581	1,889,184	1,882,787	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		11,758	11,720	11,681	11,643	11,604	11,566	11,304	11,266	11,229	11,191	11,153	11,115	\$137,230
b.	Debt Component Grossed Up For Taxes (C)		3,597	3,585	3,574	3,562	3,550	3,538	3,246	3,235	3,224	3,213	3,203	3,192	40,719
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)		21,752	21,702	21,652	21,602	21,551	21,501	20,947	20,898	20,850	20,801	20,753	20,704	254,713
a.	Recoverable Costs Allocated to Energy		21,752	21,702	21,652	21,602	21,551	21,501	20,947	20,898	20,850	20,801	20,753	20,704	254,713
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)		21,752	21,702	21,652	21,602	21,551	21,501	20,947	20,898	20,850	20,801	20,753	20,704	254,713
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)		\$21,752	\$21,702	\$21,652	\$21,602	\$21,551	\$21,501	\$20,947	\$20,898	\$20,850	\$20,801	\$20,753	\$20,704	\$254,713

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.44
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	(401,773)	(407,270)	(412,767)	(418,264)	(423,761)	(429,258)	(434,755)	(440,252)	(445,749)	(451,246)	(456,743)	(462,240)	(467,737)	(467,737)
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)	\$1,247,348	1,241,851	1,236,354	1,230,857	1,225,360	1,219,863	1,214,366	1,208,869	1,203,372	1,197,875	1,192,378	1,186,881	1,181,384	
6.	Average Net Investment		1,244,600	1,239,103	1,233,606	1,228,109	1,222,612	1,217,115	1,211,618	1,206,121	1,200,624	1,195,127	1,189,630	1,184,133	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		7,493	7,460	7,427	7,393	7,360	7,327	7,153	7,121	7,088	7,056	7,023	6,991	\$86,892
b.	Debt Component Grossed Up For Taxes (C)		2,292	2,282	2,272	2,262	2,252	2,242	2,054	2,045	2,035	2,026	2,017	2,007	25,786
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)		15,282	15,239	15,196	15,152	15,109	15,066	14,704	14,663	14,620	14,579	14,537	14,495	178,642
a.	Recoverable Costs Allocated to Energy		15,282	15,239	15,196	15,152	15,109	15,066	14,704	14,663	14,620	14,579	14,537	14,495	178,642
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)		15,282	15,239	15,196	15,152	15,109	15,066	14,704	14,663	14,620	14,579	14,537	14,495	178,642
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)		\$15,282	\$15,239	\$15,196	\$15,152	\$15,109	\$15,066	\$14,704	\$14,663	\$14,620	\$14,579	\$14,537	\$14,495	\$178,642

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.41
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	
3.	Less: Accumulated Depreciation	(360,224)	(365,101)	(369,978)	(374,855)	(379,732)	(384,609)	(389,486)	(394,363)	(399,240)	(404,117)	(408,994)	(413,871)	(418,748)	
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)	\$1,221,663	1,216,786	1,211,909	1,207,032	1,202,155	1,197,278	1,192,401	1,187,524	1,182,647	1,177,770	1,172,893	1,168,016	1,163,139	
6.	Average Net Investment		1,219,225	1,214,348	1,209,471	1,204,594	1,199,717	1,194,840	1,189,963	1,185,086	1,180,209	1,175,332	1,170,455	1,165,578	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		7,340	7,311	7,281	7,252	7,222	7,193	7,025	6,996	6,968	6,939	6,910	6,881	\$85,318
b.	Debt Component Grossed Up For Taxes (C)		2,246	2,237	2,228	2,219	2,210	2,201	2,017	2,009	2,001	1,992	1,984	1,976	25,320
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)		14,463	14,425	14,386	14,348	14,309	14,271	13,919	13,882	13,846	13,808	13,771	13,734	169,162
a.	Recoverable Costs Allocated to Energy		14,463	14,425	14,386	14,348	14,309	14,271	13,919	13,882	13,846	13,808	13,771	13,734	169,162
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)		14,463	14,425	14,386	14,348	14,309	14,271	13,919	13,882	13,846	13,808	13,771	13,734	169,162
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)		\$14,463	\$14,425	\$14,386	\$14,348	\$14,309	\$14,271	\$13,919	\$13,882	\$13,846	\$13,808	\$13,771	\$13,734	\$169,162

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.42
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	(450,458)	(458,411)	(466,364)	(474,317)	(482,270)	(490,223)	(498,176)	(506,129)	(514,082)	(522,035)	(529,988)	(537,941)	(545,894)	
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)	\$2,256,049	2,248,096	2,240,143	2,232,190	2,224,237	2,216,284	2,208,331	2,200,378	2,192,425	2,184,472	2,176,519	2,168,566	2,160,613	
6.	Average Net Investment		2,252,073	2,244,120	2,236,167	2,228,214	2,220,261	2,212,308	2,204,355	2,196,402	2,188,449	2,180,496	2,172,543	2,164,590	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		13,558	13,510	13,462	13,414	13,366	13,318	13,014	12,967	12,920	12,873	12,826	12,779	\$158,007
b.	Debt Component Grossed Up For Taxes (C)		4,148	4,133	4,118	4,104	4,089	4,075	3,737	3,723	3,710	3,696	3,683	3,670	46,886
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)		25,659	25,596	25,533	25,471	25,408	25,346	24,704	24,643	24,583	24,522	24,462	24,402	300,329
a.	Recoverable Costs Allocated to Energy		25,659	25,596	25,533	25,471	25,408	25,346	24,704	24,643	24,583	24,522	24,462	24,402	300,329
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)		25,659	25,596	25,533	25,471	25,408	25,346	24,704	24,643	24,583	24,522	24,462	24,402	300,329
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)		\$25,659	\$25,596	\$25,533	\$25,471	\$25,408	\$25,346	\$24,704	\$24,643	\$24,583	\$24,522	\$24,462	\$24,402	\$300,329

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.43 (\$1,995,677) and 315.43 (\$710,830)
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$5,097	\$541,139	\$22,700	\$2,772	\$838	\$706	\$2,494	\$0	\$0	\$0	\$0	\$0	\$575,747
b.	Clearings to Plant		0	0	0	1,615,863	838	706	2,494	0	0	0	0	0	1,619,902
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)	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$85,715,177	\$85,716,015	\$85,716,721	\$85,719,215	\$85,719,215	\$85,719,215	\$85,719,215	\$85,719,215	\$85,719,215	
3.	Less: Accumulated Depreciation	(14,032,917)	(14,336,279)	(14,639,641)	(14,943,003)	(15,246,365)	(15,555,517)	(15,864,672)	(16,173,829)	(16,482,995)	(16,792,161)	(17,101,327)	(17,410,493)	(17,719,659)	
4.	CWIP - Non-Interest Bearing	1,044,155	1,049,252	1,590,391	1,613,091	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
5.	Net Investment (Lines 2 + 3 + 4)	\$71,110,551	70,812,286	71,050,064	70,769,402	70,468,812	70,160,498	69,852,049	69,545,386	69,236,220	68,927,054	68,617,888	68,308,722	67,999,556	
6.	Average Net Investment		70,961,419	70,931,175	70,909,733	70,619,107	70,314,655	70,006,273	69,698,718	69,390,803	69,081,637	68,772,471	68,463,305	68,154,139	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		427,200	427,017	426,888	425,139	423,306	421,449	411,478	409,660	407,835	406,010	404,185	402,359	\$4,992,526
b.	Debt Component Grossed Up For Taxes (C)		130,693	130,637	130,598	130,063	129,502	128,934	118,157	117,635	117,111	116,587	116,062	115,538	1,481,517
8.	Investment Expenses														
a.	Depreciation (D)		\$303,362	\$303,362	\$303,362	\$303,362	\$309,152	\$309,155	\$309,157	\$309,166	\$309,166	\$309,166	\$309,166	\$309,166	\$3,686,742
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)		861,255	861,016	860,848	858,564	861,960	859,538	838,792	836,461	834,112	831,763	829,413	827,063	10,160,785
a.	Recoverable Costs Allocated to Energy		861,255	861,016	860,848	858,564	861,960	859,538	838,792	836,461	834,112	831,763	829,413	827,063	10,160,785
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)		861,255	861,016	860,848	858,564	861,960	859,538	838,792	836,461	834,112	831,763	829,413	827,063	10,160,785
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)		\$861,255	\$861,016	\$860,848	\$858,564	\$861,960	\$859,538	\$838,792	\$836,461	\$834,112	\$831,763	\$829,413	\$827,063	\$10,160,785

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.51 (\$22,278,982), 312.51 (\$48,529,785), 315.51 (\$14,063,245), and 316.51 (\$847,203).
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 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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**Tampa Electric Company**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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)	\$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	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097	\$93,776,097
3.	Less: Accumulated Depreciation	(16,136,444)	(16,439,614)	(16,742,784)	(17,045,954)	(17,349,124)	(17,652,294)	(17,955,464)	(18,258,634)	(18,561,804)	(18,864,974)	(19,168,144)	(19,471,314)	(19,774,484)	(19,774,484)
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)	\$77,639,653	77,336,483	77,033,313	76,730,143	76,426,973	76,123,803	75,820,633	75,517,463	75,214,293	74,911,123	74,607,953	74,304,783	74,001,613	
6.	Average Net Investment		77,488,068	77,184,898	76,881,728	76,578,558	76,275,388	75,972,218	75,669,048	75,365,878	75,062,708	74,759,538	74,456,368	74,153,198	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		466,491	464,666	462,841	461,016	459,191	457,365	446,725	444,935	443,145	441,355	439,566	437,776	\$5,425,072
b.	Debt Component Grossed Up For Taxes (C)		142,714	142,155	141,597	141,039	140,480	139,922	128,278	127,764	127,250	126,736	126,222	125,708	1,609,865
8.	Investment Expenses														
a.	Depreciation (D)		\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$303,170	\$3,638,040
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)		912,375	909,991	907,608	905,225	902,841	900,457	878,173	875,869	873,565	871,261	868,958	866,654	10,672,977
a.	Recoverable Costs Allocated to Energy		912,375	909,991	907,608	905,225	902,841	900,457	878,173	875,869	873,565	871,261	868,958	866,654	10,672,977
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)		912,375	909,991	907,608	905,225	902,841	900,457	878,173	875,869	873,565	871,261	868,958	866,654	10,672,977
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)		\$912,375	\$909,991	\$907,608	\$905,225	\$902,841	\$900,457	\$878,173	\$875,869	\$873,565	\$871,261	\$868,958	\$866,654	\$10,672,977

**Notes:**  
 (A) Applicable depreciable base for Big Bend; account 311.52 (\$25,208,869), 312.52(\$51,694,185), 315.52 (\$15,914,427), and 316.52 (\$958,616).  
 (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% x1/12 (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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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)	\$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	\$80,369,887
3.	Less: Accumulated Depreciation	(16,015,549)	(16,263,090)	(16,510,631)	(16,758,172)	(17,005,713)	(17,253,254)	(17,500,795)	(17,748,336)	(17,995,877)	(18,243,418)	(18,490,959)	(18,738,500)	(18,986,041)	(18,986,041)
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)	\$64,354,338	64,106,797	63,859,256	63,611,715	63,364,174	63,116,633	62,869,092	62,621,551	62,374,010	62,126,469	61,878,928	61,631,387	61,383,846	
6.	Average Net Investment		64,230,567	63,983,026	63,735,485	63,487,944	63,240,403	62,992,862	62,745,321	62,497,780	62,250,239	62,002,698	61,755,157	61,507,616	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		386,679	385,188	383,698	382,208	380,718	379,228	370,427	368,966	367,505	366,043	364,582	363,120	\$4,498,362
b.	Debt Component Grossed Up For Taxes (C)		118,297	117,841	117,385	116,929	116,473	116,017	106,369	105,949	105,530	105,110	104,690	104,271	1,334,861
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)		752,517	750,570	748,624	746,678	744,732	742,786	724,337	722,456	720,576	718,694	716,813	714,932	8,803,715
a.	Recoverable Costs Allocated to Energy		752,517	750,570	748,624	746,678	744,732	742,786	724,337	722,456	720,576	718,694	716,813	714,932	8,803,715
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)		752,517	750,570	748,624	746,678	744,732	742,786	724,337	722,456	720,576	718,694	716,813	714,932	8,803,715
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)		\$752,517	\$750,570	\$748,624	\$746,678	\$744,732	\$742,786	\$724,337	\$722,456	\$720,576	\$718,694	\$716,813	\$714,932	\$8,803,715

**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 (\$824,683).
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$1,028	\$298,059	\$1,558	\$1,855	\$285	\$3,195	\$200	\$200	\$169	\$0	\$0	\$0	\$306,549
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	463,561	463,561
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	\$62,853,033	\$62,853,033	\$62,853,033	\$62,853,033	\$63,316,594	
3.	Less: Accumulated Depreciation	(13,706,519)	(13,886,487)	(14,066,455)	(14,246,423)	(14,426,391)	(14,606,359)	(14,786,327)	(14,966,295)	(15,146,263)	(15,326,231)	(15,506,199)	(15,686,167)	(15,866,135)	
4.	CWIP - Non-Interest Bearing	157,012	158,040	456,099	457,657	459,513	459,797	462,992	463,192	463,392	463,561	463,561	463,561	(0)	
5.	Net Investment (Lines 2 + 3 + 4)	\$49,303,526	49,124,586	49,242,677	49,064,268	48,886,155	48,706,472	48,529,698	48,349,930	48,170,162	47,990,363	47,810,395	47,630,427	47,450,459	
6.	Average Net Investment		49,214,056	49,183,632	49,153,472	48,975,211	48,796,313	48,618,085	48,439,814	48,260,046	48,080,263	47,900,379	47,720,411	47,540,443	
7.	Return on Average Net Investment														
a.	Equity Component Crossed Up For Taxes (B)		296,277	296,094	295,912	294,839	293,762	292,689	285,973	284,911	283,850	282,788	281,725	280,663	\$3,469,483
b.	Debt Component Crossed Up For Taxes (C)		90,640	90,584	90,528	90,200	89,871	89,542	82,118	81,813	81,508	81,203	80,898	80,593	1,029,498
8.	Investment Expenses														
a.	Depreciation (D)		\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$179,968	\$2,159,616
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)		566,885	566,646	566,408	565,007	563,601	562,199	548,059	546,692	545,326	543,959	542,591	541,224	6,658,597
a.	Recoverable Costs Allocated to Energy		566,885	566,646	566,408	565,007	563,601	562,199	548,059	546,692	545,326	543,959	542,591	541,224	6,658,597
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)		566,885	566,646	566,408	565,007	563,601	562,199	548,059	546,692	545,326	543,959	542,591	541,224	6,658,597
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)		\$566,885	\$566,646	\$566,408	\$565,007	\$563,601	\$562,199	\$548,059	\$546,692	\$545,326	\$543,959	\$542,591	\$541,224	\$6,658,597

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.54 (\$16,857,250), 312.54 (\$34,665,822), 315.54 (\$10,642,027), 316.54 (\$687,934), and 315.40 (\$463,561).
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	(2,137,830)	(2,189,139)	(2,240,448)	(2,291,757)	(2,343,066)	(2,394,375)	(2,445,684)	(2,496,993)	(2,548,302)	(2,599,611)	(2,650,920)	(2,702,229)	(2,753,538)	
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)	\$22,198,877	22,147,568	22,096,259	22,044,950	21,993,641	21,942,332	21,891,023	21,839,714	21,788,405	21,737,096	21,685,787	21,634,478	21,583,169	
6.	Average Net Investment		22,173,223	22,121,914	22,070,605	22,019,296	21,967,987	21,916,678	21,865,369	21,814,060	21,762,751	21,711,442	21,660,133	21,608,824	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		133,486	133,178	132,869	132,560	132,251	131,942	129,086	128,783	128,480	128,177	127,874	127,571	\$1,566,257
b.	Debt Component Grossed Up For Taxes (C)		40,838	40,743	40,649	40,554	40,460	40,365	37,067	36,980	36,893	36,806	36,719	36,632	464,706
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)		225,633	225,230	224,827	224,423	224,020	223,616	217,462	217,072	216,682	216,292	215,902	215,512	2,646,671
a.	Recoverable Costs Allocated to Energy		225,633	225,230	224,827	224,423	224,020	223,616	217,462	217,072	216,682	216,292	215,902	215,512	2,646,671
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)		225,633	225,230	224,827	224,423	224,020	223,616	217,462	217,072	216,682	216,292	215,902	215,512	2,646,671
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)		\$225,633	\$225,230	\$224,827	\$224,423	\$224,020	\$223,616	\$217,462	\$217,072	\$216,682	\$216,292	\$215,902	\$215,512	\$2,646,671

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.44 (\$1,456,209) and 312.45 (\$22,880,498)
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% x1/12 (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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.0% 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 the Current Period Actual / Estimated Amount  
 January 2014 to December 2014

Form 42-8E  
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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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$16,191	\$45,414	\$62,397	\$14,688	\$376,187	\$414,919	\$108,728	\$109,180	\$15,120	\$3,420	\$2,841	\$1,800	\$1,170,884
b.	Clearings to Plant		13,216	0	469,335	61,665	4,686,355	631,681	55,466	79,949	15,120	3,420	2,841	253,328	6,272,375
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		289,648	1,054,700	236,093	500,699	0	0	0	0	0	0	0	0	2,081,140
2.	Plant-in-Service/Depreciation Base (A)	\$2,084,324	\$2,097,540	\$2,097,540	\$2,566,875	\$2,628,539	\$7,314,894	\$7,946,575	\$8,002,041	\$8,081,990	\$8,097,110	\$8,100,530	\$8,103,371	\$8,356,699	
3.	Less: Accumulated Depreciation	(199,403)	(205,516)	(211,661)	(217,806)	(225,242)	(232,810)	(251,368)	(271,519)	(291,804)	(312,269)	(332,771)	(353,281)	(373,797)	
4.	CWIP - Non-Interest Bearing	784,489	787,463	832,877	425,939	378,962	385,797	169,035	222,296	251,527	251,527	251,527	251,527	(0)	
5.	Net Investment (Lines 2 + 3 + 4)	\$2,669,410	2,679,487	2,718,756	2,775,008	2,782,259	7,467,880	7,864,242	7,952,819	8,041,714	8,036,369	8,019,287	8,001,618	7,982,902	
6.	Average Net Investment		2,674,448	2,699,122	2,746,882	2,778,634	5,125,070	7,666,061	7,908,530	7,997,266	8,039,041	8,027,828	8,010,452	7,992,260	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		16,101	16,249	16,537	16,728	30,854	46,151	46,689	47,213	47,460	47,394	47,291	47,184	\$425,851
b.	Debt Component Grossed Up For Taxes (C)		4,926	4,971	5,059	5,118	9,439	14,119	13,407	13,557	13,628	13,609	13,580	13,549	124,962
8.	Investment Expenses														
a.	Depreciation (D)		\$6,113	\$6,145	\$6,145	\$7,436	\$7,568	\$18,558	\$20,151	\$20,285	\$20,465	\$20,502	\$20,510	\$20,516	\$174,394
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)		27,140	27,365	27,741	29,282	47,861	78,828	80,247	81,055	81,553	81,505	81,381	81,249	725,207
a.	Recoverable Costs Allocated to Energy		27,140	27,365	27,741	29,282	47,861	78,828	80,247	81,055	81,553	81,505	81,381	81,249	725,207
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)		27,140	27,365	27,741	29,282	47,861	78,828	80,247	81,055	81,553	81,505	81,381	81,249	725,207
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)		\$27,140	\$27,365	\$27,741	\$29,282	\$47,861	\$78,828	\$80,247	\$81,055	\$81,553	\$81,505	\$81,381	\$81,249	\$725,207

**Notes:**

- (A) Applicable depreciable base for Big Bend and Polk; accounts 315.40 (\$1,223,677), 312.46 (\$1,256,220), 315.45 (\$45,217) and 315.46 (\$37,522), 345.81 (\$4,732), 311.40 (\$13,216), 312.45 (\$2,314,935), 315.42 (\$128,600), 312.44 (\$3,177,830) 341.80 (\$26,150), 315.41 (\$128,600)
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% x 1/12 (Jul-Dec).
- (D) Applicable depreciation rate is 3.7%, 3.3%, 3.1%, 3.5%, 3.3%, 2.9%, 2.5%, 3.3%, 3.0%, 2.2% and 3.5%
- (E) Line 9a x Line 10

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate 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	597	0	0	0	0	0	0	0	0	597
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	(36,660)	(36,436)	(36,436)	(36,436)	(36,242)	(36,242)	(36,242)	(36,155)	(36,068)	(35,987)	(35,913)	(35,839)	(35,765)	
3.	Total Working Capital Balance	(\$36,660)	(36,436)	(36,436)	(36,436)	(36,242)	(36,242)	(36,242)	(36,155)	(36,068)	(35,987)	(35,913)	(35,839)	(35,765)	
4.	Average Net Working Capital Balance		(\$36,548)	(\$36,436)	(\$36,436)	(\$36,339)	(\$36,242)	(\$36,242)	(\$36,198)	(\$36,112)	(\$36,028)	(\$35,950)	(\$35,876)	(\$35,802)	
5.	Return on Average Net Working Capital Balance														
	a. Equity Component Grossed Up For Taxes (A)		(220)	(219)	(219)	(219)	(218)	(218)	(214)	(213)	(213)	(212)	(212)	(211)	(2,588)
	b. Debt Component Grossed Up For Taxes (B)		(67)	(67)	(67)	(67)	(67)	(67)	(61)	(61)	(61)	(61)	(61)	(61)	(768)
6.	Total Return Component		(287)	(286)	(286)	(286)	(285)	(285)	(275)	(274)	(274)	(273)	(273)	(272)	(3,356)
7.	Expenses:														
	a. Gains		0	0	0	(597)	0	0	0	0	0	0	0	0	(597)
	b. Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. SO <sub>2</sub> Allowance Expense		(234)	(300)	304	41	268	297	1,943	1,933	1,918	1,966	1,916	1,876	11,928
8.	Net Expenses (D)		(234)	(300)	304	(556)	268	297	1,943	1,933	1,918	1,966	1,916	1,876	11,331
9.	Total System Recoverable Expenses (Lines 6 + 8)		(521)	(586)	18	(842)	(17)	12	1,668	1,659	1,644	1,693	1,643	1,604	7,975
	a. Recoverable Costs Allocated to Energy		(521)	(586)	18	(842)	(17)	12	1,668	1,659	1,644	1,693	1,643	1,604	7,975
	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)		(521)	(586)	18	(842)	(17)	12	1,668	1,659	1,644	1,693	1,643	1,604	7,975
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)		(\$521)	(\$586)	\$18	(\$842)	(\$17)	\$12	\$1,668	\$1,659	\$1,644	\$1,693	\$1,643	\$1,604	\$7,975

**Notes:**  
 (A) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% 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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
**January 2014 to December 2014**

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	Estimate July	Estimate August	Estimate September	Estimate October	Estimate November	Estimate December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$40,000	\$14,904	\$0	\$54,904
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	22,274,228	14,904	0	22,289,132
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)		3,779,379	2,172,830	1,525,638	(299,995)	2,266,801	914,581	1,607,814	731,249	3,140,516	0	0	0	15,838,813
2.	Plant-in-Service/Depreciation Base (A)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$22,274,228	\$22,289,132	\$22,289,132	
3.	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	(68,679)	(137,404)	
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)	\$0	0	0	0	0	0	0	0	0	0	22,274,228	22,220,453	22,151,728	
6.	Average Net Investment		0	0	0	0	0	0	0	0	0	11,137,114	22,247,341	22,186,091	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		0	0	0	0	0	0	0	0	0	65,750	131,341	130,979	\$328,070
b.	Debt Component Grossed Up For Taxes (C)		0	0	0	0	0	0	0	0	0	18,880	37,715	37,611	94,206
8.	Investment Expenses														
a.	Depreciation (D)		0	0	0	0	0	0	0	0	0	0	\$68,679	\$68,725	\$137,404
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)		0	0	0	0	0	0	0	0	0	84,630	237,735	237,315	559,680
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	84,630	237,735	237,315	559,680
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)		0	0	0	0	0	0	0	0	0	84,630	237,735	237,315	559,680
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)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$84,630	\$237,735	\$237,315	\$559,680

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 315.40
- (B) Line 6 x 7.2242% x 1/12 (Jan-Jun) and Line 6 x 7.0844% x1/12 (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 2.2101% x 1/12 (Jan-Jun) and Line 6 x 2.0343% 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 the Current Period Actual / Estimated Amount  
January 2014 to June 2014

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

	(1)	(2)	(3)	(4)
	Adjusted per Rate Base Settlement *			
	Jurisdictional Rate Base Actual May 2013 (\$000)	Jurisdictional Rate Base Actual May 2013 (\$000)	Ratio %	Weighted Cost Rate %
Long Term Debt	\$ 1,425,239	\$ 1,413,339	36.69%	5.78%
Short Term Debt	0	0	0.00%	0.66%
Preferred Stock	0	0	0.00%	0.00%
Customer Deposits	106,560	106,560	2.77%	2.91%
Common Equity	1,647,409	1,659,309	43.08%	10.25%
Deferred ITC - Weighted Cost	8,381	8,381	0.22%	8.71%
Accumulated Deferred Income Taxes Zero Cost ITCs	<u>664,214</u>	<u>664,214</u>	<u>17.24%</u>	<u>0.00%</u>
Total	<u>\$ 3,851,803</u>	<u>\$ 3,851,803</u>	<u>100.00%</u>	<u>6.64%</u>

**ITC split between Debt and Equity:**

Long Term Debt	\$ 1,413,339	Long Term Debt	46.00%
Short Term Debt	0	Short Term Debt	0.00%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>1,659,309</u>	Equity - Common	<u>54.00%</u>
Total	<u>\$ 3,072,648</u>	Total	<u>100.00%</u>

**Deferred ITC - Weighted Cost:**

Debt = .0192% * 46.00%	0.0088%
Equity = .0192% * 54.00%	<u>0.0104%</u>
Weighted Cost	<u>0.0192%</u>

**Total Equity Cost Rate:**

Preferred Stock	0.0000%
Common Equity	4.4157%
Deferred ITC - Weighted Cost	<u>0.0104%</u>
	4.4261%
Times Tax Multiplier	1.632200
Total Equity Component	<u>7.2242%</u>

**Total Debt Cost Rate:**

Long Term Debt	2.1207%
Short Term Debt	0.0000%
Customer Deposits	0.0806%
Deferred ITC - Weighted Cost	<u>0.0088%</u>
Total Debt Component	<u>2.2101%</u>
	9.4343%

**Notes:**

\* Adjusted to 54% equity, per Base Rates Settlement Agreement Dated September 6, 2013.  
 Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.  
 Column (2) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.  
 Column (3) - Column (2) / Total Column (2)  
 Column (4) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.  
 Column (5) - Column (3) x Column (4)

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
July 2014 to December 2014

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

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base Actual May 2014 (\$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	0.00%
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>
	9.1187%

**Notes:**

Column (1) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.  
 Column (2) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.  
 Column (3) - Column (2) / Total Column (2)  
 Column (4) - Per WACC Stipulation & Settlement Agreement Dated July 17, 2012, and 2013 Base Rates Settlement Agreement Dated September 6, 2013.  
 Column (5) - Column (3) x Column (4)