

# AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

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

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August 1, 2012

HAND DELIVERED

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

Re: Environmental Cost Recovery Clause  
FPSC Docket No. 120007-EI

Dear Ms. Cole:

Enclosed for filing in the above docket, on behalf of Tampa Electric Company, are the original and fifteen (15) copies of Prepared Direct Testimony and Exhibit (HTB-2) of Howard T. Bryant regarding Environmental Cost Recovery Factors Actual/Estimated True-up for the period January 2012 through December 2012.

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

Thank you for your assistance in connection with this matter.

Sincerely,

James D. Beasley

JDB/pp  
Enclosure

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

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FPSC-COMMISSION CLERK

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing Testimony and Exhibit, of Howard T. Bryant, filed on behalf of Tampa Electric Company, has been furnished by U. S. Mail or hand delivery (\*) on this 1<sup>st</sup> day of August 2012 to the following:

Mr. Charles W. Murphy\*  
Senior Attorney  
Office of the General Counsel  
Florida Public Service Commission  
Room 390R – Gerald L. Gunter Building  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

Ms. Patricia Christensen  
Associate Public Counsel  
Office of Public Counsel  
111 West Madison Street – Room 812  
Tallahassee, FL 32399-1400

Ms. Vicki Kaufman  
Mr. Jon C Moyle  
Keefe Anchors Gordon & Moyle, PA  
118 N. Gadsden Street  
Tallahassee, FL 32301

Mr. John T. Butler  
Managing Attorney - Regulatory  
Florida Power & Light Company  
700 Universe Boulevard  
Juno Beach, FL 33408-0420

Mr. Kenneth Hoffman  
Florida Power & Light Company  
215 South Monroe Street, Suite 810  
Tallahassee, FL 32301-1859

Mr. Gary V. Perko  
Hopping Green & Sams, P.A.  
Post Office Box 6526  
Tallahassee, FL 32314

Samuel Miller, Capt., USAF  
USAF/AFLOA/JACL/ULFSC  
139 Barnes Drive, Suite 1  
Tyndall AFB, FL 32403-5319


Mr. John T. Burnett  
Ms. Dianne Triplett  
Progress Energy Service Co., LLC  
Post Office Box 14042  
St. Petersburg, FL 33733-4042

Mr. Paul Lewis, Jr.  
Progress Energy Florida, Inc.  
106 East College Avenue, Suite 800  
Tallahassee, FL 32301-7740

Ms. Susan Ritenour  
Secretary and Treasurer  
Gulf Power Company  
One Energy Place  
Pensacola, FL 32520

Mr. Jeffrey A. Stone  
Mr. Russell A. Badders  
Mr. Steven R. Griffin  
Beggs and Lane  
Post Office Box 12950  
Pensacola, FL 32591-2950

Mr. James W. Brew  
Mr. F. Alvin Taylor  
Brickfield, Burchette, Ritts & Stone, P.C.  
1025 Thomas Jefferson Street, NW  
Eighth Floor, West Tower  
Washington, D.C. 20007-5201

  
\_\_\_\_\_  
ATTORNEY



BEFORE THE  
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 120007-EI

IN RE:

ENVIRONMENTAL COST RECOVERY FACTORS

ACTUAL / ESTIMATED TRUE-UP

JANUARY 2012 THROUGH DECEMBER 2012

TESTIMONY AND EXHIBIT

OF

HOWARD T. BRYANT

DOCUMENT NUMBER-DATE

05194 AUG-12

FPSC-COMMISSION CLERK

1                                   **BEFORE THE PUBLIC SERVICE COMMISSION**

2                                   **PREPARED DIRECT TESTIMONY**

3                                   **OF**

4                                   **HOWARD T. BRYANT**

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

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

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

16  
17   **A.**   I graduated from the University of Florida in June 1973  
18          with a Bachelor of Science degree in Business  
19          Administration. I have been employed at Tampa Electric  
20          since 1981. My work has included various positions in  
21          Customer Service, Energy Conservation Services, Demand  
22          Side Management ("DSM") Planning, Energy Management and  
23          Forecasting, and Regulatory Affairs. In my current  
24          position I am responsible for the company's Energy  
25          Conservation Cost Recovery ("ECCR") clause, the

1 Environmental Cost Recovery Clause ("ECRC"), and retail  
2 rate design.

3  
4 **Q.** Have you previously testified before the Florida Public  
5 Service Commission ("Commission")?

6  
7 **A.** Yes. I have testified before this Commission on  
8 conservation and load management activities, DSM goals  
9 setting and DSM plan approval dockets, and other ECRC  
10 dockets since 1993, and ECRC activities since 2001.

11  
12 **Q.** What is the purpose of your testimony in this proceeding?

13  
14 **A.** The purpose of my testimony is to present, for Commission  
15 review and approval, the calculation of the January 2012  
16 through December 2012 estimated true-up amount to be  
17 refunded or recovered through the ECRC during January  
18 2013 through December 2013. My testimony addresses the  
19 recovery of capital and operations and maintenance  
20 ("O&M") costs associated with environmental compliance  
21 activities for 2012, based on six months of actual data  
22 and six months of estimated data. This information will  
23 be used to determine the environmental cost recovery  
24 factors for January 2013 through December 2013.

25

1 Q. Have you prepared an exhibit that shows the determination  
2 of the recoverable environmental costs for the period  
3 January 2012 through December 2012?  
4

5 A. Yes. Exhibit No. \_\_\_\_\_ (HTB-2), containing nine  
6 documents, was prepared under my direction and  
7 supervision. It includes Forms 42-1E through 42-9E which  
8 show the current period estimated true-up amount to be  
9 used in calculating the cost recovery factors for January  
10 2013 through December 2013.  
11

12 Q. What has Tampa Electric calculated as the estimated true-  
13 up for the current period to be applied to the January  
14 2013 through December 2013 ECRC factors?  
15

16 A. The estimated true-up applicable for the current period,  
17 January 2012 through December 2012, is an under-recovery  
18 of \$11,754,826. A detailed calculation supporting the  
19 estimated true-up is shown on Forms 42-1E through 42-8E  
20 of my exhibit.  
21

22 Q. Is Tampa Electric including costs in this estimated true-  
23 up filing for any new environmental projects that were  
24 not anticipated and included in its 2012 factors?  
25

- 1     **A.**    No, Tampa Electric is not including costs for any new  
2            environmental projects that were not anticipated or  
3            included in its 2012 factors.  
4
- 5     **Q.**    What depreciation rates were utilized for the capital  
6            projects contained in the 2012 Actual/Estimated True-Up?  
7
- 8     **A.**    Tampa Electric utilized the depreciation rates approved  
9            in Order No. PSC-12-0175-PAA-EI issued on April 3, 2012  
10           in Docket No. 110131-EI.  
11
- 12    **Q.**    What capital structure, components and cost rates did  
13            Tampa Electric rely on to calculate the revenue  
14            requirement rate of return for January 2012 through  
15            December 2012?  
16
- 17    **A.**    Tampa Electric relied upon the capital structure approved  
18            by the Commission in Docket No. 080317-EI, to calculate  
19            the revenue requirement rate of return found on Form 42-  
20            9E.  
21
- 22    **Q.**    How did the actual/estimated project expenditures for  
23            January 2012 through December 2012 period compare with  
24            the company's original projection?  
25

1 **A.** As shown on Form 42-4E, total O&M activities were  
2 \$8,145,980 greater than projected costs. Total capital  
3 expenditures itemized on Form 42-6E, were \$3,114,886  
4 greater than originally projected. O&M and capital  
5 investment projects with material variances are explained  
6 below.

7  
8 **O&M Project Variances**

- 9 • **SO<sub>2</sub> Emission Allowances:** The SO<sub>2</sub> Emission Allowances  
10 project variance is estimated to be \$12,303 or 55.3  
11 percent less than projected. The variance was due to  
12 less cogeneration purchases than expected and the  
13 application of a lower rate than originally projected.
- 14 • **Big Bend Units 1 & 2 FGD:** The Big Bend Units 1 & 2 FGD  
15 project variance is estimated to be \$8,771,061 or 99.3  
16 percent greater than projected due to landfilling  
17 approximately 350,000 tons of lesser quality gypsum to be  
18 used as valley fill in two landfills.
- 19 • **Gannon Thermal Discharge Study:** The Gannon Thermal  
20 Discharge Study project variance is estimated to be  
21 \$20,000 or 100 percent less than originally projected.  
22 This variance is due to pending acceptance of Big Bend  
23 Plan of Study regarding thermal variances that will have  
24 regulatory impact at Bayside Power Station.
- 25 • **Polk NO<sub>x</sub> Emissions Reduction:** The Polk NO<sub>x</sub> Emissions



1 Reduction project variance is estimated to be \$18,664 or  
2 53.3 percent lower than originally projected due to  
3 forced outages at the Polk Power Station in addition to a  
4 reduction in water costs and maintenance associated with  
5 the saturator that is used to reduce NO<sub>x</sub> emissions.

6 ● **Clean Water Act Section 316(b) Phase II Study:** The Clean  
7 Water Act Section 316(b) Phase II Study project variance  
8 is estimated to be \$26,140 or 87.1 percent greater than  
9 originally projected due to EPA's extension of the  
10 comment period and postponing of the final rule. The  
11 extension created the need for additional outside  
12 services in preparation for EPA's rendering of the final  
13 rule.

14 ● **Arsenic Groundwater Standard Program:** The Arsenic  
15 Groundwater Standard Program variance is estimated to be  
16 \$582,501 or 87.3 percent less than what was originally  
17 projected due to FDEP delay in approval of activity  
18 associated with project work.

19 ● **Big Bend Unit 1 SCR:** The Big Bend Unit 1 SCR project  
20 variance is estimated to be \$166,118 or 6.7 percent less  
21 than originally projected due to a decrease in generation  
22 caused by extended outages, thereby creating a lower  
23 consumption of ammonia than originally projected.

24  
25 ● **Big Bend Unit 2 SCR:** The Big Bend Unit 2 SCR project

1 variance is estimated to be \$208,157 or 8.2 percent less  
2 due to actual consumption of ammonia for the SO<sub>3</sub>  
3 mitigation system being less than originally projected.  
4 The ammonia is utilized in the SO<sub>3</sub> mitigation system to  
5 meet ongoing environmental regulation requirements.

6 ● **Big Bend Unit 3 SCR:** The Big Bend Unit 3 SCR project  
7 variance is estimated to be \$355,889 or 23.5 percent  
8 greater than originally projected due to actual  
9 consumption of ammonia for the SO<sub>3</sub> mitigation system being  
10 greater than originally projected. The ammonia is  
11 utilized in the SO<sub>3</sub> mitigation system to meet ongoing  
12 environmental regulation requirements.

13 ● **Big Bend Unit 4 SCR:** The Big Bend Unit 4 SCR project  
14 variance is estimated to be \$130,201 or 13 percent less  
15 than originally projected due to a credit for equipment  
16 that offset an increase in ammonia consumption for the SO<sub>3</sub>  
17 mitigation system.

18 ● **Greenhouse Gas Reduction Program:** The Greenhouse Gas  
19 Reduction Program variance is expected to be \$50,788 or  
20 127 percent greater than originally projected due to the  
21 cost of the Enviance subscription being higher than  
22 originally projected.

23  
24 **Capital Investment Project Variances**

25 ● **Big Bend Unit 1 & 2 Flue Gas Conditioning:** The Big Bend

1 Units 1 & 2 Flue Gas Conditioning project variance is  
2 estimated to be \$30,874 or 8.0 percent greater than  
3 originally projected due to updating depreciation rates  
4 consistent with the current depreciation study approved  
5 by the Commission in Order No. PSC-12-0175-PAA-EI.

6 • **Big Bend Unit 4 Continuous Emissions Monitors:** The Big  
7 Bend Unit 4 Continuous Emissions Monitors project  
8 variance is estimated to be \$8,976 or 12.1 percent  
9 greater than originally projected due to updating  
10 depreciation rates consistent with the current  
11 depreciation study approved by the Commission in Order  
12 No. PSC-12-0175-PAA-EI.

13 • **Phillips Upgrade Tank #1 for FDEP:** The Phillips Upgrade  
14 Tank #1 for FDEP project variance is estimated to be  
15 \$26,051 or 494.6 percent greater than originally  
16 projected due to the retirement of this asset and the  
17 resulting recovery of net investment.

18 • **Phillips Upgrade Tank #4 for FDEP:** The Phillips Upgrade  
19 Tank #4 for FDEP project variance is estimated to be  
20 \$40,782 or 493.3 percent greater than originally  
21 projected due to the retirement of this asset and the  
22 resulting recovery of net investment.

23 • **Big Bend Unit 3 Pre-SCR:** The Big Bend Unit 3 Pre-SCR  
24 project variance is estimated to be \$24,275 or 6.9  
25 percent greater than originally projected due to updating

1 depreciation rates consistent with the current  
2 depreciation study approved by the Commission in Order  
3 No. PSC-12-0175-PAA-EI.

4 • **Big Bend Unit 1 SCR:** The Big Bend Unit 1 SCR project  
5 variance is estimated to be \$1,069,552 or 9.3 percent  
6 greater than originally projected due to updating  
7 depreciation rates consistent with the current  
8 depreciation study approved by the Commission in Order  
9 No. PSC-12-0175-PAA-EI.

10 • **Big Bend Unit 2 SCR:** The Big Bend Unit 2 SCR project  
11 variance is estimated to be \$849,988 or 6.8 percent  
12 greater than originally projected due to updating  
13 depreciation rates consistent with the current  
14 depreciation study approved by the Commission in Order  
15 No. PSC-12-0175-PAA-EI.

16 • **Big Bend Unit 3 SCR:** The Big Bend Unit 3 SCR project  
17 variance is estimated to be \$846,891 or 8.3 percent  
18 greater than originally projected due to updating  
19 depreciation rates consistent with the current  
20 depreciation study approved by the Commission in Order  
21 No. PSC-12-0175-PAA-EI.

22 • **Big Bend Unit 4 SCR:** The Big Bend Unit 4 Pre-SCR project  
23 variance is estimated to be \$564,010 or 7.2 percent  
24 greater than projected due to updating depreciation rates  
25 consistent with the current depreciation study approved

1 by the Commission in Order No. PSC-12-0175-PAA-EI.

2 • **Big Bend Units FGD System Reliability:** The Big Bend FGD  
3 System Reliability program variance is estimated to be  
4 \$496,190 or 14.3 percent less than originally projected  
5 due to the overall expenditures for the project now  
6 estimated to be less. Additionally, the anticipated in-  
7 service date has been extended to July 2012 from its  
8 original anticipated date of January 2012.

9

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

11

12 **A.** Yes, it does.

13

14

15

16

17

18

19

20

21

22

23

24

25

**INDEX**

**TAMPA ELECTRIC COMPANY  
ENVIRONMENTAL COST RECOVERY CLAUSE**

**ACTUAL / ESTIMATED TRUE-UP AMOUNT  
FOR THE PERIOD OF  
JANUARY 2012 THROUGH DECEMBER 2012**

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

<u>DOCUMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>
1	Form 42-1E	12
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4	Form 42-4E	15
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9	Form 42-9E	45

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual/Estimated Amount  
**January 2012 to December 2012**  
 (In Dollars)

Form 42 - 1E

<u>Line</u>	<u>Period Amount</u>
1. Over/(Under) Recovery for the Current Period (Form 42-2E, Line 5)	(\$11,751,882)
2. Interest Provision (Form 42-2E, Line 6)	(21,613)
3. Sum of Current Period Adjustments (Form 42-2E, Line 10)	<u>18,669</u>
4. Current Period True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2013 to December 2013 (Lines 1 + 2 + 3)	<u>(\$11,754,826)</u>

12

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2012 to December 2012

Form 42 - 2E

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

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1. ECRC Revenues (net of Revenue Taxes)	\$6,434,215	\$5,934,263	\$5,990,668	\$6,814,704	\$6,925,467	\$7,922,515	\$8,476,134	\$8,536,942	\$8,639,291	\$7,735,063	\$6,636,777	\$6,545,380	\$86,591,418
2. True-Up Provision	(256,742)	(256,742)	(256,742)	(256,742)	(256,742)	(256,742)	(256,742)	(256,742)	(256,742)	(256,742)	(256,742)	(256,736)	(3,080,898)
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	6,177,473	5,677,521	5,733,926	6,557,962	6,668,725	7,665,773	8,219,392	8,280,200	8,382,549	7,478,321	6,380,035	6,288,644	83,510,520
4. Jurisdictional ECRC Costs													
a. O & M Activities (Form 42-5E, Line 9)	1,292,940	2,075,962	1,978,566	1,733,652	1,655,344	1,572,756	3,333,681	3,318,717	3,419,074	3,265,993	3,383,866	3,673,951	30,704,502
b. Capital Investment Projects (Form 42-7E, Line 9)	5,555,377	5,474,270	5,473,360	5,409,904	5,342,611	5,340,409	5,326,611	5,338,952	5,333,122	5,325,217	5,321,458	5,316,610	64,557,901
c. Total Jurisdictional ECRC Costs	6,848,317	7,550,232	7,451,926	7,143,556	6,997,955	6,913,165	8,660,292	8,657,669	8,752,196	8,591,210	8,705,324	8,990,561	95,262,403
5. Over/Under Recovery (Line 3 - Line 4c)	(670,844)	(1,872,711)	(1,718,000)	(585,594)	(329,230)	752,608	(440,900)	(377,469)	(369,647)	(1,112,889)	(2,325,289)	(2,701,917)	(11,751,882)
6. Interest Provision (Form 42-3E, Line 10)	(390)	(752)	(725)	(896)	(1,015)	(969)	(1,669)	(2,640)	(2,674)	(2,810)	(3,220)	(3,853)	(21,613)
7. Beginning Balance True-Up & Interest Provision	(3,080,898)	(3,476,721)	(5,093,442)	(6,555,425)	(6,885,173)	(6,956,676)	(5,950,295)	(6,136,122)	(6,259,489)	(6,375,068)	(7,234,025)	(9,305,792)	(3,080,898)
a. Deferred True-Up from January to December 2011 (Order No. PSC-xx-xxxx-FOF-EI)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)	(3,232,451)
8. True-Up Collected/(Refunded) (see Line 2)	256,742	256,742	256,742	256,742	256,742	256,742	256,742	256,742	256,742	256,742	256,742	256,736	3,080,898
9. End of Period Total True-Up (Lines 5+6+7+7a+8)	(6,727,841)	(8,325,893)	(9,787,876)	(10,117,624)	(10,191,127)	(9,182,746)	(9,368,573)	(9,491,940)	(9,607,519)	(10,466,476)	(12,538,243)	(14,987,277)	(15,005,946)
10. Adjustment to Period True-Up Including Interest	18,669	0	0	0	0	0	0	0	0	0	0	0	18,669
11. End of Period Total True-Up (Lines 9 + 10)	(\$6,709,172)	(\$8,325,893)	(\$9,787,876)	(\$10,117,624)	(\$10,191,127)	(\$9,182,746)	(\$9,368,573)	(\$9,491,940)	(\$9,607,519)	(\$10,466,476)	(\$12,538,243)	(\$14,987,277)	(\$14,987,277)

13



**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2012 to December 2012

Form 42 - 3E

**Interest Provision**  
 (in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1. Beginning True-Up Amount (Form 42-2E, Line 7 + 7a + 10)	(\$6,294,680)	(\$6,709,172)	(\$8,325,893)	(\$9,787,876)	(\$10,117,624)	(\$10,191,127)	(\$9,182,746)	(\$9,368,573)	(\$9,491,940)	(\$9,607,519)	(\$10,466,476)	(\$12,538,243)	
2. Ending True-Up Amount Before Interest	(6,708,782)	(8,325,141)	(9,787,151)	(10,116,728)	(10,190,112)	(9,181,777)	(9,366,904)	(9,489,300)	(9,604,845)	(10,463,666)	(12,535,023)	(14,983,424)	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(13,003,462)	(15,034,313)	(18,113,044)	(19,904,604)	(20,307,736)	(19,372,904)	(18,549,650)	(18,857,873)	(19,096,785)	(20,071,185)	(23,001,499)	(27,521,667)	
4. Average True-Up Amount (Line 3 x 1/2)	(6,501,731)	(7,517,157)	(9,056,522)	(9,952,302)	(10,153,868)	(9,686,452)	(9,274,825)	(9,428,937)	(9,548,393)	(10,035,593)	(11,500,750)	(13,760,834)	
5. Interest Rate (First Day of Reporting Business Month)	0.03%	0.12%	0.11%	0.09%	0.12%	0.13%	0.10%	0.33%	0.33%	0.33%	0.33%	0.33%	
6. Interest Rate (First Day of Subsequent Business Month)	0.12%	0.11%	0.09%	0.12%	0.13%	0.10%	0.33%	0.33%	0.33%	0.33%	0.33%	0.33%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.15%	0.23%	0.20%	0.21%	0.25%	0.23%	0.43%	0.66%	0.66%	0.66%	0.66%	0.66%	
8. Average Interest Rate (Line 7 x 1/2)	0.075%	0.115%	0.100%	0.105%	0.125%	0.115%	0.215%	0.330%	0.330%	0.330%	0.330%	0.330%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.006%	0.010%	0.008%	0.009%	0.010%	0.010%	0.018%	0.028%	0.028%	0.028%	0.028%	0.028%	
10. Interest Provision for the Month (Line 4 x Line 9)	(\$390)	(\$752)	(\$725)	(\$896)	(\$1,015)	(\$969)	(\$1,669)	(\$2,640)	(\$2,674)	(\$2,810)	(\$3,220)	(\$3,853)	(\$21,613)

14

**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2012 to December 2012

Form 42 - 4E

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

<u>Line</u>	(1) Actual/Estimated	(2) Original Projection	(3) Variance Amount	(4) Percent
1. Description of O&M Activities				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$4,562,661	\$4,490,200	\$72,461	1.6%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0.0%
c. SO <sub>2</sub> Emissions Allowances	9,959	22,262	(12,303)	-55.3%
d. Big Bend Units 1 & 2 FGD	17,606,161	\$8,835,100	8,771,061	99.3%
e. Big Bend PM Minimization and Monitoring	395,718	\$390,400	5,318	1.4%
f. Big Bend NO <sub>x</sub> Emissions Reduction	380,422	\$395,000	(14,578)	-3.7%
g. NPDES Annual Surveillance Fees	34,500	34,500	0	0.0%
h. Gannon Thermal Discharge Study	0	20,000	(20,000)	-100.0%
i. Polk NO <sub>x</sub> Emissions Reduction	16,336	\$35,000	(18,664)	-53.3%
j. Bayside SCR Consumables	121,844	\$106,400	15,444	14.5%
k. Big Bend Unit 4 SOFA	0	0	0	0.0%
l. Big Bend Unit 1 Pre-SCR	0	0	0	0.0%
m. Big Bend Unit 2 Pre-SCR	0	0	0	0.0%
n. Big Bend Unit 3 Pre-SCR	0	0	0	0.0%
o. Clean Water Act Section 316(b) Phase II Study	56,140	30,000	26,140	87.1%
p. Arsenic Groundwater Standard Program	84,499	667,000	(582,501)	-87.3%
q. Big Bend 1 SCR	2,300,371	2,466,489	(166,118)	-6.7%
r. Big Bend 2 SCR	2,328,275	2,536,432	(208,157)	-8.2%
s. Big Bend 3 SCR	1,868,922	1,513,033	355,889	23.5%
t. Big Bend 4 SCR	868,068	998,269	(130,201)	-13.0%
u. Clean Air Mercury Rule	25,401	24,000	1,401	5.8%
v. Greenhouse Gas Reduction Program	90,788	40,000	50,788	127.0%
2. Total Investment Projects - Recoverable Costs	\$30,750,065	\$22,604,085	\$8,145,980	36.0%
3. Recoverable Costs Allocated to Energy	\$30,574,926	\$21,852,585	\$8,722,341	39.9%
4. Recoverable Costs Allocated to Demand	\$175,139	\$751,500	(\$576,361)	-76.7%

**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-11-0553-FOF-EI.  
 Column (3) = Column (1) - Column (2)  
 Column (4) = Column (3) / Column (2)

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2012 to December 2012

Form 42 - 5E

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

Line	Description of O&M Activities	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estimated	Estimated	End of	Method of Classification		
		January	February	March	April	May	June	July	August	September	October	November	December	Total	Demand	Energy	
1.	Description of O&M Activities																
a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	\$279,997	\$392,169	\$497,890	\$255,035	\$500,709	\$370,661	\$362,700	\$362,700	\$452,700	\$362,700	\$362,700	\$362,700	\$4,562,661		\$4,562,661	
b.	Big Bend Units 1 & 2 Flue Gas Conditioning													0		0	
c.	SO <sub>2</sub> Emissions Allowances	(43)	(114)	(114)	(1,051)	(45)	(60)	1,888	1,887	1,902	1,911	1,898	1,900	9,959		9,959	
d.	Big Bend Units 1 & 2 FGD	540,951	787,656	731,659	769,873	696,915	704,907	2,195,700	2,195,700	2,195,700	2,195,700	2,195,700	2,395,700	17,606,161		17,606,161	
e.	Big Bend PM Minimization and Monitoring	50,208	36,899	27,901	46,522	25,331	(12,932)	36,965	36,965	36,965	36,965	36,965	36,965	395,718		395,718	
f.	Big Bend NO <sub>x</sub> Emissions Reduction	24,370	1,688	(2,718)	35,148	38,520	13,365	25,048	25,000	25,000	25,000	85,000	85,000	380,422		380,422	
g.	NPDES Annual Surveillance Fees	34,500	0	0	0	0	0	0	0	0	0	0	0	34,500	34,500	0	
h.	Gannon Thermal Discharge Study	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
i.	Polk NO <sub>x</sub> Reduction	3	0	371	175	786	0	2,500	2,500	2,500	2,500	2,500	2,500	16,336		16,336	
j.	Bayside SCR and Ammonia	14,436	0	10,730	12,132	12,660	14,387	11,500	11,500	11,500	11,500	0	11,500	121,844		121,844	
k.	Big Bend Unit 4 SOFA	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
l.	Big Bend Unit 1 Pre-SCR	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
m.	Big Bend Unit 2 Pre-SCR	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
n.	Big Bend Unit 3 Pre-SCR	0	0	0	0	0	0	0	0	0	0	0	0	0		0	
o.	Clean Water Act Section 316(b) Phase II Study	(2,579)	0	7,168	23,711	6,840	0	3,500	3,500	3,500	3,500	3,500	3,500	56,140	56,140	0	
p.	Arsenic Groundwater Standard Program	0	3,867	26,506	26,895	7,232	0	10,000	0	0	10,000	0	0	84,499	84,499	0	
q.	Big Bend 1 SCR	192,689	261,522	253,634	50,423	12,328	123,489	229,089	231,978	253,881	208,149	234,915	248,274	2,300,371		2,300,371	
r.	Big Bend 2 SCR	223,567	240,818	190,525	173,538	126,410	163,321	205,760	196,648	214,902	178,795	199,098	216,894	2,328,275		2,328,275	
s.	Big Bend 3 SCR	145,796	155,541	138,730	219,455	148,941	111,544	159,393	161,319	126,258	145,435	163,281	193,200	1,868,922		1,868,922	
t.	Big Bend 4 SCR	(217,727)	109,495	99,756	123,082	80,101	86,418	94,696	95,659	98,141	87,714	96,634	114,100	868,068		868,068	
u.	Clean Air Mercury Rule	9,393	533	0	1,858	1,617	0	2,000	2,000	2,000	2,000	2,000	2,000	25,401		25,401	
v.	Greenhouse Gas Reduction Program	0	90,000	788	0	0	0	0	0	0	0	0	0	90,788		90,788	
2.	Total of O&M Activities <sup>1</sup>	1,295,561	2,080,072	1,982,826	1,736,795	1,658,346	1,575,099	3,340,739	3,327,356	3,424,979	3,289,869	3,384,191	3,674,233	30,760,065	\$175,139	\$30,574,926	
3.	Recoverable Costs Allocated to Energy	1,263,640	2,076,205	1,949,152	1,686,190	1,644,274	1,575,099	3,327,239	3,323,856	3,421,479	3,256,369	3,380,691	3,670,733	30,574,926			
4.	Recoverable Costs Allocated to Demand	31,921	3,867	33,674	50,605	14,072	0	13,500	3,500	3,500	13,500	3,500	3,500	175,139			
5.	Retail Energy Jurisdictional Factor	0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272				
6.	Retail Demand Jurisdictional Factor	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152				
7.	Jurisdictional Energy Recoverable Costs (A) <sup>1</sup>	1,261,153	2,072,111	1,945,033	1,683,259	1,641,331	1,572,756	3,320,237	3,315,232	3,415,589	3,252,549	3,380,381	3,670,466	30,530,097			
8.	Jurisdictional Demand Recoverable Costs (B) <sup>1</sup>	31,787	3,851	33,533	50,393	14,013	0	13,444	3,485	3,485	13,444	3,485	3,485	174,405			
9.	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8) <sup>1</sup>	\$1,292,940	\$2,075,962	\$1,978,566	\$1,733,652	\$1,655,344	\$1,572,756	\$3,333,681	\$3,318,717	\$3,419,074	\$3,265,993	\$3,383,866	\$3,673,951	\$30,704,502			

**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 2012 to December 2012

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	\$735,696	\$768,402	(\$32,706)	-4.3%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	415,503	384,629	30,874	8.0%
c. Big Bend Unit 4 Continuous Emissions Monitors	83,239	74,263	8,976	12.1%
d. Big Bend Fuel Oil Tank # 1 Upgrade	53,818	50,065	3,753	7.5%
e. Big Bend Fuel Oil Tank # 2 Upgrade	88,515	82,344	6,171	7.5%
f. Phillips Upgrade Tank # 1 for FDEP	31,318	5,267	26,051	494.6%
g. Phillips Upgrade Tank # 4 for FDEP	49,049	8,267	40,782	493.3%
h. Big Bend Unit 1 Classifier Replacement	132,351	123,674	8,677	7.0%
i. Big Bend Unit 2 Classifier Replacement	95,423	89,861	5,562	6.2%
j. Big Bend Section 114 Mercury Testing Platform	13,770	12,739	1,031	8.1%
k. Big Bend Units 1 & 2 FGD	8,843,462	8,815,500	27,962	0.3%
l. Big Bend FGD Optimization and Utilization	2,400,129	2,359,083	41,046	1.7%
m. Big Bend NO <sub>x</sub> Emissions Reduction	790,395	769,550	20,845	2.7%
n. Big Bend PM Minimization and Monitoring	1,101,472	1,076,352	25,120	2.3%
o. Polk NO <sub>x</sub> Emissions Reduction	183,237	183,237	0	0.0%
p. Big Bend Unit 4 SOFA	318,119	303,655	14,464	4.8%
q. Big Bend Unit 1 Pre-SCR	222,824	211,950	10,874	5.1%
r. Big Bend Unit 2 Pre-SCR	211,090	202,159	8,931	4.4%
s. Big Bend Unit 3 Pre-SCR	374,972	350,697	24,275	6.9%
t. Big Bend Unit 1 SCR	12,544,301	11,474,749	1,069,552	9.3%
u. Big Bend Unit 2 SCR	13,355,306	12,505,318	849,988	6.8%
v. Big Bend Unit 3 SCR	11,105,329	10,258,438	846,891	8.3%
w. Big Bend Unit 4 SCR	8,363,075	7,799,065	564,010	7.2%
x. Big Bend FGD System Reliability	2,977,349	3,473,539	(496,190)	-14.3%
y. Clean Air Mercury Rule	174,891	166,916	7,975	4.8%
z. SO <sub>2</sub> Emissions Allowances	(4,419)	(4,391)	(28)	0.6%
2. Total Investment Projects - Recoverable Costs	\$64,660,214	\$61,545,328	\$3,114,886	5.1%
3. Recoverable Costs Allocated to Energy	\$64,437,514	\$61,399,385	\$3,038,129	4.9%
4. Recoverable Costs Allocated to Demand	\$222,700	\$145,943	\$76,757	52.6%

**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-11-0553-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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total	Method of Classification	Demand	Energy
1. a.	Big Bend Unit 3 Flue Gas Desulfurization Integration	\$62,224	\$62,057	\$61,892	\$61,725	\$61,558	\$61,392	\$61,225	\$61,058	\$60,891	\$60,725	\$60,558	\$60,391	\$735,696			\$735,696
b.	Big Bend Units 1 and 2 Flue Gas Conditioning	35,487	35,331	35,174	35,017	34,860	34,704	34,546	34,390	34,234	34,077	33,920	33,763	415,503			415,503
c.	Big Bend Unit 2 Continuous Emissions Monitors	7,059	7,038	7,015	6,993	6,970	6,948	6,926	6,903	6,880	6,858	6,836	6,813	83,239			83,239
d.	Big Bend Fuel Oil Tank # 1 Upgrade	4,560	4,546	4,533	4,519	4,505	4,492	4,478	4,465	4,450	4,437	4,423	4,410	53,818	\$	53,818	
e.	Big Bend Fuel Oil Tank # 2 Upgrade	7,500	7,477	7,455	7,433	7,410	7,388	7,365	7,342	7,320	7,297	7,275	7,253	88,515			88,515
f.	Philips Upgrade Tank # 1 for FDEP	31,318	0	0	0	0	0	0	0	0	0	0	0	31,318			31,318
g.	Philips Upgrade Tank # 4 for FDEP	49,049	0	0	0	0	0	0	0	0	0	0	0	49,049			49,049
h.	Big Bend Unit 1 Classifier Replacement	11,263	11,221	11,178	11,136	11,094	11,051	11,008	10,965	10,923	10,880	10,837	10,795	132,351			132,351
i.	Big Bend Unit 2 Classifier Replacement	8,114	8,065	8,005	8,026	7,996	7,967	7,938	7,908	7,878	7,848	7,819	7,789	95,423			95,423
j.	Big Bend Section 114 Mercury Testing Platform	1,163	1,161	1,158	1,154	1,151	1,149	1,146	1,143	1,141	1,138	1,135	1,131	13,770			13,770
k.	Big Bend Units 1 & 2 FGD	742,690	740,128	738,611	738,287	738,416	741,944	739,463	737,150	734,831	732,479	730,096	728,147	8,843,462			8,843,462
l.	Big Bend FGD Optimization and Utilization	202,428	201,988	201,548	201,110	200,670	200,231	199,791	199,352	198,912	198,472	198,033	197,593	2,400,129			2,400,129
m.	Big Bend NO <sub>x</sub> Emissions Reduction	66,410	66,311	66,212	66,114	66,015	65,916	65,817	65,718	65,619	65,520	65,421	65,322	790,395			790,395
n.	Big Bend PM Minimization and Monitoring	92,137	91,890	91,650	91,394	91,139	90,884	90,629	90,427	90,273	90,210	91,857	98,982	1,101,472			1,101,472
o.	Polk NO <sub>x</sub> Emissions Reduction	15,506	15,463	15,421	15,377	15,334	15,291	15,248	15,205	15,163	15,120	15,078	15,035	183,237			183,237
p.	Big Bend Unit 4 SOFA	26,851	26,789	26,727	26,665	26,604	26,541	26,479	26,417	26,355	26,292	26,231	26,168	318,119			318,119
q.	Big Bend Unit 1 Pre-SCR	18,862	18,808	18,756	18,702	18,649	18,596	18,542	18,489	18,435	18,382	18,328	18,275	222,824			222,824
r.	Big Bend Unit 2 Pre-SCR	17,851	17,803	17,757	17,710	17,662	17,615	17,567	17,520	17,472	17,425	17,378	17,330	211,090			211,090
s.	Big Bend Unit 3 Pre-SCR	31,673	31,595	31,518	31,440	31,363	31,287	31,209	31,132	31,054	30,978	30,900	30,823	374,972			374,972
t.	Big Bend Unit 4 SCR	1,082,639	1,079,694	1,076,748	1,073,802	1,070,857	1,067,911	1,064,965	1,062,019	1,059,073	1,056,127	1,053,181	1,050,235	12,544,301			12,544,301
u.	Big Bend Unit 2 SCR	1,145,697	1,142,804	1,139,911	1,137,017	1,134,124	1,131,230	1,128,337	1,125,443	1,122,549	1,119,655	1,116,761	1,113,867	13,355,306			13,355,306
v.	Big Bend Unit 3 SCR	963,647	961,328	958,943	956,558	954,173	951,788	949,403	947,018	944,633	942,248	939,863	937,478	11,105,329			11,105,329
w.	Big Bend Unit 4 SCR	726,745	724,967	723,189	721,411	719,633	717,855	716,077	714,299	712,521	710,743	708,965	707,187	8,363,075			8,363,075
x.	Big Bend FGD System Reliability	201,270	214,239	223,198	229,421	236,123	241,059	244,407	247,335	250,263	253,191	256,119	259,047	2,977,349			2,977,349
y.	Clean Air Mercury Rule	14,767	14,731	14,687	14,662	14,627	14,592	14,556	14,522	14,487	14,452	14,417	14,381	174,891			174,891
z.	SO <sub>x</sub> Emissions Allowances (B)	(373)	(372)	(371)	(370)	(370)	(369)	(368)	(367)	(366)	(365)	(365)	(363)	(4,419)			(4,419)
2.	Total Investment Projects - Recoverable Costs	5,566,537	5,485,112	5,484,974	5,419,353	5,352,220	5,348,397	5,337,869	5,352,859	5,342,347	5,331,507	5,321,994	5,317,045	64,686,214	\$	222,700	\$ 64,437,514
3.	Recoverable Costs Allocated to Energy	5,474,110	5,473,089	5,472,986	5,407,401	5,340,305	5,336,517	5,326,026	5,341,052	5,330,577	5,319,773	5,310,296	5,305,382	64,437,514			64,437,514
4.	Recoverable Costs Allocated to Demand	92,427	12,023	11,988	11,952	11,915	11,880	11,843	11,807	11,770	11,734	11,698	11,663	222,700	222,700		
5.	Retail Energy Jurisdictional Factor	0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272				
6.	Retail Demand Jurisdictional Factor	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152				
7.	Jurisdictional Energy Recoverable Costs (C)	5,463,337	5,462,297	5,461,422	5,398,002	5,330,746	5,328,579	5,314,816	5,327,194	5,321,401	5,313,532	5,309,809	5,304,996	64,336,133			
8.	Jurisdictional Demand Recoverable Costs (D)	92,040	11,973	11,938	11,902	11,865	11,830	11,793	11,758	11,721	11,685	11,649	11,614	221,768			
9.	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	\$5,555,377	\$5,474,270	\$5,473,360	\$5,409,904	\$5,342,611	\$5,340,409	\$5,326,611	\$5,338,952	\$5,333,122	\$5,325,217	\$5,321,458	\$5,316,610	\$64,557,901			

**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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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 - (G)		47,957	34,499	74,851	104,389	78,220	37,817	149,247	268,020	475,442	294,608	252,518	255,894	\$2,073,461
2.	Plant-in-Service/Depreciation Base (A)	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658	\$8,239,658
3.	Less: Accumulated Depreciation	(3,590,325)	(3,607,491)	(3,624,657)	(3,641,823)	(3,658,989)	(3,676,155)	(3,693,321)	(3,710,487)	(3,727,653)	(3,744,819)	(3,761,985)	(3,779,151)	(3,796,317)	
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)	\$4,649,333	4,632,167	4,615,001	4,597,835	4,580,669	4,563,503	4,546,337	4,529,171	4,512,005	4,494,839	4,477,673	4,460,507	4,443,341	
6.	Average Net Investment		4,640,750	4,623,584	4,606,418	4,589,252	4,572,086	4,554,920	4,537,754	4,520,588	4,503,422	4,486,256	4,469,090	4,451,924	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		33,718	33,593	33,469	33,344	33,219	33,095	32,970	32,845	32,720	32,596	32,471	32,346	\$396,386
b.	Debt Component Grossed Up For Taxes (C)		11,340	11,298	11,257	11,215	11,173	11,131	11,089	11,047	11,005	10,963	10,921	10,879	133,318
8.	Investment Expenses														
a.	Depreciation (D)		17,166	17,166	17,166	17,166	17,166	17,166	17,166	17,166	17,166	17,166	17,166	17,166	205,992
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)		62,224	62,057	61,892	61,725	61,558	61,392	61,225	61,058	60,891	60,725	60,558	60,391	735,696
a.	Recoverable Costs Allocated to Energy		62,224	62,057	61,892	61,725	61,558	61,392	61,225	61,058	60,891	60,725	60,558	60,391	735,696
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		62,102	61,935	61,761	61,618	61,448	61,301	61,096	60,900	60,786	60,654	60,552	60,387	734,540
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)		\$62,102	\$61,935	\$61,761	\$61,618	\$61,448	\$61,301	\$61,096	\$60,900	\$60,786	\$60,654	\$60,552	\$60,387	\$734,540

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.45
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rate is 2.5%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Line 1d - Expenditures include AFUDC and are for tracking purposes only. Depreciation and Return are not calculated until the project goes in-service.

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	(3,017,126)	(3,033,267)	(3,049,408)	(3,065,549)	(3,081,690)	(3,097,831)	(3,113,972)	(3,130,113)	(3,146,254)	(3,162,395)	(3,178,536)	(3,194,677)	(3,210,818)	
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)	\$2,000,608	1,984,467	1,968,326	1,952,185	1,936,044	1,919,903	1,903,762	1,887,621	1,871,480	1,855,339	1,839,198	1,823,057	1,806,916	
6.	Average Net Investment		1,992,538	1,976,397	1,960,256	1,944,115	1,927,974	1,911,833	1,895,692	1,879,551	1,863,410	1,847,269	1,831,128	1,814,987	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		14,477	14,360	14,243	14,125	14,008	13,891	13,773	13,656	13,539	13,422	13,304	13,187	\$165,985
b.	Debt Component Grossed Up For Taxes (C)		4,869	4,830	4,790	4,751	4,711	4,672	4,632	4,593	4,554	4,514	4,475	4,435	55,826
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)		35,487	35,331	35,174	35,017	34,860	34,704	34,546	34,390	34,234	34,077	33,920	33,763	415,503
a.	Recoverable Costs Allocated to Energy		35,487	35,331	35,174	35,017	34,860	34,704	34,546	34,390	34,234	34,077	33,920	33,763	415,503
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		35,417	35,261	35,100	34,956	34,798	34,652	34,473	34,301	34,175	34,037	33,917	33,761	414,848
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)		\$35,417	\$35,261	\$35,100	\$34,956	\$34,798	\$34,652	\$34,473	\$34,301	\$34,175	\$34,037	\$33,917	\$33,761	\$414,848

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$2,676,217) and 312.42 (\$2,341,517)
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	(375,845)	(378,155)	(380,465)	(382,775)	(385,085)	(387,395)	(389,705)	(392,015)	(394,325)	(396,635)	(398,945)	(401,255)	(403,565)	
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)	\$490,366	488,056	485,746	483,436	481,126	478,816	476,506	474,196	471,886	469,576	467,266	464,956	462,646	
6.	Average Net Investment		489,211	486,901	484,591	482,281	479,971	477,661	475,351	473,041	470,731	468,421	466,111	463,801	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		3,554	3,538	3,521	3,504	3,487	3,471	3,454	3,437	3,420	3,403	3,387	3,370	\$41,546
	b. Debt Component Grossed Up For Taxes (C)		1,195	1,190	1,184	1,179	1,173	1,167	1,162	1,156	1,150	1,145	1,139	1,133	13,973
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)		7,059	7,038	7,015	6,993	6,970	6,948	6,926	6,903	6,880	6,858	6,836	6,813	83,239
	a. Recoverable Costs Allocated to Energy		7,059	7,038	7,015	6,993	6,970	6,948	6,926	6,903	6,880	6,858	6,836	6,813	83,239
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		7,045	7,024	7,000	6,981	6,958	6,938	6,911	6,885	6,868	6,850	6,835	6,813	83,108
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)		\$7,045	\$7,024	\$7,000	\$6,981	\$6,958	\$6,938	\$6,911	\$6,885	\$6,868	\$6,850	\$6,835	\$6,813	\$83,108

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 315.44
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rate is 3.2%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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**Tampa Electric Company**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Actual / Estimated Amount  
 January 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578	\$497,578
3.	Less: Accumulated Depreciation	(172,432)	(173,842)	(175,252)	(176,662)	(178,072)	(179,482)	(180,892)	(182,302)	(183,712)	(185,122)	(186,532)	(187,942)	(189,352)	
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)	\$325,146	323,736	322,326	320,916	319,506	318,096	316,686	315,276	313,866	312,456	311,046	309,636	308,226	
6.	Average Net Investment		324,441	323,031	321,621	320,211	318,801	317,391	315,981	314,571	313,161	311,751	310,341	308,931	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		2,357	2,347	2,337	2,327	2,316	2,306	2,296	2,286	2,275	2,265	2,255	2,245	\$27,612
b.	Debt Component Grossed Up For Taxes (C)		793	789	786	782	779	776	772	769	765	762	758	755	9,286
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)		4,560	4,546	4,533	4,519	4,505	4,492	4,478	4,465	4,450	4,437	4,423	4,410	53,818
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		4,560	4,546	4,533	4,519	4,505	4,492	4,478	4,465	4,450	4,437	4,423	4,410	53,818
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9982268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
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)		4,541	4,527	4,514	4,500	4,486	4,473	4,459	4,446	4,431	4,418	4,404	4,392	53,591
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,541	\$4,527	\$4,514	\$4,500	\$4,486	\$4,473	\$4,459	\$4,446	\$4,431	\$4,418	\$4,404	\$4,392	\$53,591

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.40
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012**

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401
3.	Less: Accumulated Depreciation	(283,624)	(285,943)	(288,262)	(290,581)	(292,900)	(295,219)	(297,538)	(299,857)	(302,176)	(304,495)	(306,814)	(309,133)	(311,452)	
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)	\$534,777	532,458	530,139	527,820	525,501	523,182	520,863	518,544	516,225	513,906	511,587	509,268	506,949	
6.	Average Net Investment		533,618	531,299	528,980	526,661	524,342	522,023	519,704	517,385	515,066	512,747	510,428	508,109	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		3,877	3,860	3,843	3,827	3,810	3,793	3,776	3,759	3,742	3,725	3,709	3,692	\$45,413
b.	Debt Component Grossed Up For Taxes (C)		1,304	1,298	1,293	1,287	1,281	1,276	1,270	1,264	1,259	1,253	1,247	1,242	15,274
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.	Amorization		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)		7,500	7,477	7,455	7,433	7,410	7,388	7,365	7,342	7,320	7,297	7,275	7,253	88,515
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		7,500	7,477	7,455	7,433	7,410	7,388	7,365	7,342	7,320	7,297	7,275	7,253	88,515
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
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)		7,469	7,446	7,424	7,402	7,379	7,357	7,334	7,311	7,289	7,266	7,245	7,223	88,145
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$7,469	\$7,446	\$7,424	\$7,402	\$7,379	\$7,357	\$7,334	\$7,311	\$7,289	\$7,266	\$7,245	\$7,223	\$88,145

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.40
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

Return on Capital Investments, Depreciation and Taxes  
 For Project: Phillips Upgrade Tank # 1 for FDEP  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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		57,277	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)	\$57,277	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	Less: Accumulated Depreciation	(25,968)	0	0	0	0	0	0	0	0	0	0	0	0	0
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)	\$31,309	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Average Net Investment		15,655	0	0	0	0	0	0	0	0	0	0	0	0
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		114	0	0	0	0	0	0	0	0	0	0	0	\$114
b.	Debt Component Grossed Up For Taxes (C)		38	0	0	0	0	0	0	0	0	0	0	0	38
8.	Investment Expenses														
a.	Depreciation (D)		31,166	0	0	0	0	0	0	0	0	0	0	0	31,166
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)		31,318	0	0	0	0	0	0	0	0	0	0	0	31,318
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		31,318	0	0	0	0	0	0	0	0	0	0	0	31,318
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
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)		31,187	0	0	0	0	0	0	0	0	0	0	0	31,187
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$31,187	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$31,187

**Notes:**

- (A) Applicable depreciable base for Phillips; account 342.28
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rate is 0.0% in accordance with FPSC Order No. PSC-12-0175-PAA-EI.
- (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 2012 to December 2012**

Return on Capital Investments, Depreciation and Taxes  
 For Project: Phillips Upgrade Tank # 4 for FDEP  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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		90,472	0	0	0	0	0	0	0	0	0	0	0	\$90,472
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	\$0
2.	Plant-in-Service/Depreciation Base (A)	\$90,472	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
3.	Less: Accumulated Depreciation	(41,435)	0	0	0	0	0	0	0	0	0	0	0	0	0
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)	\$49,037	0	0	0	0	0	0	0	0	0	0	0	0	0
6.	Average Net Investment		24,519	0	0	0	0	0	0	0	0	0	0	0	0
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		178	0	0	0	0	0	0	0	0	0	0	0	\$178
b.	Debt Component Grossed Up For Taxes (C)		60	0	0	0	0	0	0	0	0	0	0	0	60
8.	Investment Expenses														
a.	Depreciation (D)		48,811	0	0	0	0	0	0	0	0	0	0	0	48,811
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)		49,049	0	0	0	0	0	0	0	0	0	0	0	49,049
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		49,049	0	0	0	0	0	0	0	0	0	0	0	49,049
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
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)		48,844	0	0	0	0	0	0	0	0	0	0	0	48,844
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$48,844	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$48,844

**Notes:**

- (A) Applicable depreciable base for Phillips; account 342.28
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rate is 0.0% in accordance with FPSC Order No. PSC-12-0175-PAA-EI.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	\$1,316,257
3.	Less: Accumulated Depreciation	(605,912)	(610,300)	(614,688)	(619,076)	(623,464)	(627,852)	(632,240)	(636,628)	(641,016)	(645,404)	(649,792)	(654,180)	(658,568)	
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)	\$710,345	705,957	701,569	697,181	692,793	688,405	684,017	679,629	675,241	670,853	666,465	662,077	657,689	
6.	Average Net Investment		708,151	703,763	699,375	694,987	690,599	686,211	681,823	677,435	673,047	668,659	664,271	659,883	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		5,145	5,113	5,081	5,050	5,018	4,986	4,954	4,922	4,890	4,858	4,826	4,794	\$58,637
b.	Debt Component Grossed Up For Taxes (C)		1,730	1,720	1,709	1,698	1,688	1,677	1,666	1,655	1,645	1,634	1,623	1,613	20,058
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)		11,263	11,221	11,178	11,136	11,094	11,051	11,008	10,965	10,923	10,880	10,837	10,795	132,351
a.	Recoverable Costs Allocated to Energy		11,263	11,221	11,178	11,136	11,094	11,051	11,008	10,965	10,923	10,880	10,837	10,795	132,351
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		11,241	11,199	11,154	11,117	11,074	11,035	10,985	10,937	10,904	10,867	10,836	10,794	132,143
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$11,241	\$11,199	\$11,154	\$11,117	\$11,074	\$11,035	\$10,985	\$10,937	\$10,904	\$10,867	\$10,836	\$10,794	\$132,143

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.41
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012**

**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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794
3.	Less: Accumulated Depreciation	(460,278)	(463,314)	(466,350)	(469,386)	(472,422)	(475,458)	(478,494)	(481,530)	(484,566)	(487,602)	(490,638)	(493,674)	(496,710)	(496,710)
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)	\$524,516	\$521,480	\$518,444	\$515,408	\$512,372	\$509,336	\$506,300	\$503,264	\$500,228	\$497,192	\$494,156	\$491,120	\$488,084	\$488,084
6.	Average Net Investment		522,998	519,962	516,926	513,890	510,854	507,818	504,782	501,746	498,710	495,674	492,638	489,602	489,602
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		3,800	3,778	3,756	3,734	3,712	3,690	3,668	3,646	3,623	3,601	3,579	3,557	\$44,144
b.	Debt Component Grossed Up For Taxes (C)		1,278	1,271	1,263	1,256	1,248	1,241	1,234	1,226	1,219	1,211	1,204	1,196	14,847
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)		8,114	8,085	8,055	8,026	7,996	7,967	7,938	7,908	7,878	7,848	7,819	7,789	95,423
a.	Recoverable Costs Allocated to Energy		8,114	8,085	8,055	8,026	7,996	7,967	7,938	7,908	7,878	7,848	7,819	7,789	95,423
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		8,098	8,069	8,038	8,012	7,982	7,955	7,921	7,887	7,864	7,839	7,818	7,788	95,271
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$8,098	\$8,069	\$8,038	\$8,012	\$7,982	\$7,955	\$7,921	\$7,887	\$7,864	\$7,839	\$7,818	\$7,788	\$95,271

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.42
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	(30,883)	(31,175)	(31,467)	(31,759)	(32,051)	(32,343)	(32,635)	(32,927)	(33,219)	(33,511)	(33,803)	(34,095)	(34,387)	(34,387)
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)	\$89,854	\$89,562	\$89,270	\$88,978	\$88,686	\$88,394	\$88,102	\$87,810	\$87,518	\$87,226	\$86,934	\$86,642	\$86,350	\$86,350
6.	Average Net Investment		89,708	89,416	89,124	88,832	88,540	88,248	87,956	87,664	87,372	87,080	86,788	86,496	86,496
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		652	650	648	645	643	641	639	637	635	633	631	628	\$7,682
b.	Debt Component Grossed Up For Taxes (C)		219	219	218	217	216	216	215	214	214	213	212	211	2,584
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)		1,163	1,161	1,158	1,154	1,151	1,149	1,146	1,143	1,141	1,138	1,135	1,131	13,770
a.	Recoverable Costs Allocated to Energy		1,163	1,161	1,158	1,154	1,151	1,149	1,146	1,143	1,141	1,138	1,135	1,131	13,770
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		1,161	1,159	1,156	1,152	1,149	1,147	1,144	1,140	1,139	1,137	1,135	1,131	13,750
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)		\$1,161	\$1,159	\$1,156	\$1,152	\$1,149	\$1,147	\$1,144	\$1,140	\$1,139	\$1,137	\$1,135	\$1,131	\$13,750

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.40
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		(\$26,750)	\$298	\$106,835	\$43,064	\$18,764	(\$11,932)	\$2,664	\$5,983	\$4,092	\$0	\$0	\$1,798	\$144,817
b.	Clearings to Plant		(26,750)	298	214,237	43,064	652,334	(11,932)	2,664	5,983	4,092	0	0	89,410	973,400
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - (G)		\$84,105	\$129,676	\$22,752	\$30,377	\$9,108	\$1,462	\$118,184	\$22,052	\$27,150	\$318,151	\$89,990	\$41,090	894,097
2.	Plant-in-Service/Depreciation Base (A)	\$88,383,835	\$88,357,086	\$88,357,384	\$88,571,622	\$88,614,685	\$89,267,018	\$89,255,086	\$89,257,750	\$89,263,733	\$89,267,825	\$89,267,825	\$89,267,825	\$89,357,235	
3.	Less: Accumulated Depreciation	(36,789,770)	(37,032,826)	(37,275,808)	(37,518,791)	(37,762,363)	(38,006,053)	(38,251,537)	(38,496,988)	(38,742,447)	(38,987,922)	(39,233,409)	(39,478,896)	(39,724,383)	
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)	\$51,594,065	51,324,260	51,081,576	51,052,831	50,852,323	51,260,965	51,003,549	50,760,762	50,521,286	50,279,903	50,034,416	49,788,929	49,632,852	
6.	Average Net Investment		51,459,163	51,202,918	51,067,203	50,952,577	51,056,644	51,132,257	50,882,156	50,641,024	50,400,595	50,157,160	49,911,673	49,710,891	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		373,885	372,023	371,037	370,204	370,961	371,510	369,693	367,941	366,194	364,425	362,642	361,183	\$4,421,698
b.	Debt Component Grossed Up For Taxes (C)		125,749	125,123	124,791	124,511	124,765	124,950	124,339	123,750	123,162	122,567	121,967	121,477	1,487,151
8.	Investment Expenses														
a.	Depreciation (D)		243,056	242,982	242,983	243,572	243,690	245,484	245,451	245,459	245,475	245,487	245,487	245,487	2,934,613
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)		742,690	740,128	738,811	738,287	739,416	741,944	739,483	737,150	734,831	732,479	730,096	728,147	8,843,462
a.	Recoverable Costs Allocated to Energy		742,690	740,128	738,811	738,287	739,416	741,944	739,483	737,150	734,831	732,479	730,096	728,147	8,843,462
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		741,228	738,669	737,250	737,004	738,093	740,840	737,927	735,237	733,566	731,520	730,029	728,094	8,829,557
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)		\$741,228	\$738,669	\$737,250	\$737,004	\$738,093	\$740,840	\$737,927	\$735,237	\$733,566	\$731,520	\$730,029	\$728,094	\$8,829,557

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.46
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rates are 3.3%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Line 1d - Expenditures include AFUDC and are for tracking purposes only. Depreciation and Return are not calculated until the project goes in-service.

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**Tampa Electric Company**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of the Current Period Actual / Estimated Amount  
January 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	(5,531,197)	(5,576,471)	(5,621,745)	(5,667,019)	(5,712,293)	(5,757,567)	(5,802,841)	(5,848,115)	(5,893,389)	(5,938,663)	(5,983,937)	(6,029,211)	(6,074,485)	
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)	\$16,208,540	16,163,266	16,117,992	16,072,718	16,027,444	15,982,170	15,936,896	15,891,622	15,846,348	15,801,074	15,755,800	15,710,526	15,665,252	
6.	Average Net Investment		16,185,903	16,140,629	16,095,355	16,050,081	16,004,807	15,959,533	15,914,259	15,868,985	15,823,711	15,778,437	15,733,163	15,687,889	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		117,601	117,272	116,943	116,615	116,286	115,957	115,628	115,299	114,970	114,641	114,312	113,983	\$1,389,507
b.	Debt Component Grossed Up For Taxes (C)		39,553	39,442	39,332	39,221	39,110	39,000	38,889	38,779	38,668	38,557	38,447	38,336	467,334
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)		202,428	201,988	201,549	201,110	200,670	200,231	199,791	199,352	198,912	198,472	198,033	197,593	2,400,129
a.	Recoverable Costs Allocated to Energy		202,428	201,988	201,549	201,110	200,670	200,231	199,791	199,352	198,912	198,472	198,033	197,593	2,400,129
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		202,030	201,590	201,123	200,760	200,311	199,933	199,371	198,835	198,570	198,239	198,015	197,579	2,396,356
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)		\$202,030	\$201,590	\$201,123	\$200,760	\$200,311	\$199,933	\$199,371	\$198,835	\$198,570	\$198,239	\$198,015	\$197,579	\$2,396,356

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 311.45 (\$39,818) and 312.45 (\$21,699,919)
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rates are 2.0% 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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Actual November	Estimated 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	\$3,190,852
3.	Less: Accumulated Depreciation	2,605,227	2,595,043	2,584,859	2,574,675	2,564,491	2,554,307	2,544,123	2,533,939	2,523,755	2,513,571	2,503,387	2,493,203	2,483,019	
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)	\$5,796,079	5,785,895	5,775,711	5,765,527	5,755,343	5,745,159	5,734,975	5,724,791	5,714,607	5,704,423	5,694,239	5,684,055	5,673,871	
6.	Average Net Investment		5,790,987	5,780,803	5,770,619	5,760,435	5,750,251	5,740,067	5,729,883	5,719,699	5,709,515	5,699,331	5,689,147	5,678,963	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		42,075	42,001	41,927	41,853	41,779	41,705	41,631	41,557	41,483	41,409	41,335	41,261	\$500,016
b.	Debt Component Grossed Up For Taxes (C)		14,151	14,126	14,101	14,077	14,052	14,027	14,002	13,977	13,952	13,927	13,902	13,877	168,171
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)		66,410	66,311	66,212	66,114	66,015	65,916	65,817	65,718	65,619	65,520	65,421	65,322	790,395
a.	Recoverable Costs Allocated to Energy		66,410	66,311	66,212	66,114	66,015	65,916	65,817	65,718	65,619	65,520	65,421	65,322	790,395
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978670	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		66,279	66,180	66,072	65,999	65,897	65,818	65,679	65,547	65,506	65,443	65,415	65,317	789,152
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)		\$66,279	\$66,180	\$66,072	\$65,999	\$65,897	\$65,818	\$65,679	\$65,547	\$65,506	\$65,443	\$65,415	\$65,317	\$789,152

**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 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$1,841	\$0	\$0	\$0	\$0	\$0	\$11,000	\$10,000	\$29,751	\$362,000	\$1,158,149	\$1,572,741
b.	Clearings to Plant		0	1,841	0	0	0	0	0	0	0	0	0	0	\$1,841
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)	\$8,517,765	\$8,517,765	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	\$8,519,606	
3.	Less: Accumulated Depreciation	(1,722,767)	(1,749,056)	(1,775,345)	(1,801,640)	(1,827,935)	(1,854,230)	(1,880,525)	(1,906,820)	(1,933,115)	(1,959,410)	(1,985,705)	(2,012,000)	(2,038,295)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	11,000	21,000	50,751	412,751	1,570,900	
5.	Net Investment (Lines 2 + 3 + 4)	\$6,794,998	6,768,709	6,744,261	6,717,966	6,691,671	6,665,376	6,639,081	6,612,786	6,597,491	6,581,196	6,584,652	6,920,357	8,052,211	
6.	Average Net Investment		6,781,854	6,756,485	6,731,114	6,704,819	6,678,524	6,652,229	6,625,934	6,605,139	6,589,344	6,582,924	6,752,505	7,486,284	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		49,275	49,090	48,906	48,715	48,524	48,333	48,142	47,991	47,876	47,829	49,061	54,393	\$588,135
b.	Debt Component Grossed Up For Taxes (C)		16,573	16,511	16,449	16,384	16,320	16,256	16,192	16,141	16,102	16,086	16,501	18,294	197,809
8.	Investment Expenses														
a.	Depreciation (D)		26,289	26,289	26,295	26,295	26,295	26,295	26,295	26,295	26,295	26,295	26,295	26,295	315,528
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)		92,137	91,890	91,650	91,394	91,139	90,884	90,629	90,427	90,273	90,210	91,857	98,982	1,101,472
a.	Recoverable Costs Allocated to Energy		92,137	91,890	91,650	91,394	91,139	90,884	90,629	90,427	90,273	90,210	91,857	98,982	1,101,472
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		91,956	91,709	91,456	91,235	90,976	90,749	90,438	90,192	90,118	90,104	91,849	98,975	1,099,757
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)		\$91,956	\$91,709	\$91,456	\$91,235	\$90,976	\$90,749	\$90,438	\$90,192	\$90,118	\$90,104	\$91,849	\$98,975	\$1,099,757

**Notes:**

- (A) Applicable depreciable base for Big Bend; accounts 312.41 (\$1,513,263), 312.42 (\$5,153,072), 312.43 (\$955,619), 315.41 (\$17,504), 315.44 (\$351,594), and 315.43 (\$528,554)
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	(417,882)	(422,306)	(426,730)	(431,154)	(435,578)	(440,002)	(444,426)	(448,850)	(453,274)	(457,698)	(462,122)	(466,546)	(470,970)	
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)	\$1,143,591	1,139,167	1,134,743	1,130,319	1,125,895	1,121,471	1,117,047	1,112,623	1,108,199	1,103,775	1,099,351	1,094,927	1,090,503	
6.	Average Net Investment		1,141,379	1,136,955	1,132,531	1,128,107	1,123,683	1,119,259	1,114,835	1,110,411	1,105,987	1,101,563	1,097,139	1,092,715	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		8,293	8,261	8,229	8,196	8,164	8,132	8,100	8,068	8,036	8,004	7,971	7,939	\$97,393
b.	Debt Component Grossed Up For Taxes (C)		2,789	2,776	2,768	2,757	2,746	2,735	2,724	2,713	2,703	2,692	2,681	2,670	32,756
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)		15,506	15,463	15,421	15,377	15,334	15,291	15,248	15,205	15,163	15,120	15,076	15,033	183,237
a.	Recoverable Costs Allocated to Energy		15,506	15,463	15,421	15,377	15,334	15,291	15,248	15,205	15,163	15,120	15,076	15,033	183,237
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		15,475	15,433	15,388	15,350	15,307	15,268	15,216	15,166	15,137	15,102	15,075	15,032	182,949
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)		\$15,475	\$15,433	\$15,388	\$15,350	\$15,307	\$15,268	\$15,216	\$15,166	\$15,137	\$15,102	\$15,075	\$15,032	\$182,949

**Notes:**

- (A) Applicable depreciable base for Polk; account 342.81
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	\$2,558,730
3.	Less: Accumulated Depreciation	(448,850)	(455,247)	(461,644)	(468,041)	(474,438)	(480,835)	(487,232)	(493,629)	(500,026)	(506,423)	(512,820)	(519,217)	(525,614)	(525,614)
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)	\$2,109,880	2,103,483	2,097,086	2,090,689	2,084,292	2,077,895	2,071,498	2,065,101	2,058,704	2,052,307	2,045,910	2,039,513	2,033,116	
6.	Average Net Investment		2,106,682	2,100,285	2,093,888	2,087,491	2,081,094	2,074,697	2,068,300	2,061,903	2,055,506	2,049,109	2,042,712	2,036,315	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		15,306	15,260	15,213	15,167	15,121	15,074	15,028	14,981	14,935	14,888	14,842	14,795	\$180,610
b.	Debt Component Grossed Up For Taxes (C)		5,148	5,132	5,117	5,101	5,086	5,070	5,054	5,039	5,023	5,007	4,992	4,976	60,745
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)		26,851	26,789	26,727	26,665	26,604	26,541	26,479	26,417	26,355	26,292	26,231	26,168	318,119
a.	Recoverable Costs Allocated to Energy		26,851	26,789	26,727	26,665	26,604	26,541	26,479	26,417	26,355	26,292	26,231	26,168	318,119
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		26,798	26,736	26,671	26,619	26,556	26,502	26,423	26,348	26,310	26,261	26,229	26,166	317,619
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$26,798	\$26,736	\$26,671	\$26,619	\$26,556	\$26,502	\$26,423	\$26,348	\$26,310	\$26,261	\$26,229	\$26,166	\$317,619

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.44
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	
3.	Less: Accumulated Depreciation	(269,845)	(275,342)	(280,839)	(286,336)	(291,833)	(297,330)	(302,827)	(308,324)	(313,821)	(319,318)	(324,815)	(330,312)	(335,809)	
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)	\$1,379,276	1,373,779	1,368,282	1,362,785	1,357,288	1,351,791	1,346,294	1,340,797	1,335,300	1,329,803	1,324,306	1,318,809	1,313,312	
6.	Average Net Investment		1,376,528	1,371,031	1,365,534	1,360,037	1,354,540	1,349,043	1,343,546	1,338,049	1,332,552	1,327,055	1,321,558	1,316,061	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		10,001	9,961	9,922	9,882	9,842	9,802	9,762	9,722	9,682	9,642	9,602	9,562	\$117,382
b.	Debt Component Grossed Up For Taxes (C)		3,364	3,350	3,337	3,323	3,310	3,297	3,283	3,270	3,256	3,243	3,229	3,216	39,478
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)		18,862	18,808	18,756	18,702	18,649	18,596	18,542	18,489	18,435	18,382	18,328	18,275	222,824
a.	Recoverable Costs Allocated to Energy		18,862	18,808	18,756	18,702	18,649	18,596	18,542	18,489	18,435	18,382	18,328	18,275	222,824
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		18,825	18,771	18,716	18,669	18,616	18,568	18,503	18,441	18,403	18,360	18,326	18,274	222,472
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)		\$18,825	\$18,771	\$18,716	\$18,669	\$18,616	\$18,568	\$18,503	\$18,441	\$18,403	\$18,360	\$18,326	\$18,274	\$222,472

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.41
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rate is 4.0%
- (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 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	(243,176)	(248,053)	(252,930)	(257,807)	(262,684)	(267,561)	(272,438)	(277,315)	(282,192)	(287,069)	(291,946)	(296,823)	(301,700)	
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)	\$1,338,711	1,333,834	1,328,957	1,324,080	1,319,203	1,314,326	1,309,449	1,304,572	1,299,695	1,294,818	1,289,941	1,285,064	1,280,187	
6.	Average Net Investment		1,336,273	1,331,396	1,326,519	1,321,642	1,316,765	1,311,888	1,307,011	1,302,134	1,297,257	1,292,380	1,287,503	1,282,626	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		9,709	9,673	9,638	9,603	9,567	9,532	9,496	9,461	9,425	9,390	9,355	9,319	\$114,168
b.	Debt Component Grossed Up For Taxes (C)		3,265	3,253	3,242	3,230	3,218	3,206	3,194	3,182	3,170	3,158	3,146	3,134	38,398
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)		17,851	17,803	17,757	17,710	17,662	17,615	17,567	17,520	17,472	17,425	17,378	17,330	211,090
a.	Recoverable Costs Allocated to Energy		17,851	17,803	17,757	17,710	17,662	17,615	17,567	17,520	17,472	17,425	17,378	17,330	211,090
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		17,816	17,768	17,719	17,679	17,630	17,589	17,530	17,475	17,442	17,405	17,376	17,329	210,758
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)		\$17,816	\$17,768	\$17,719	\$17,679	\$17,630	\$17,589	\$17,530	\$17,475	\$17,442	\$17,405	\$17,376	\$17,329	\$210,758

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.42
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012**

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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	\$2,706,507
3.	Less: Accumulated Depreciation	(259,586)	(267,539)	(275,492)	(283,445)	(291,398)	(299,351)	(307,304)	(315,257)	(323,210)	(331,163)	(339,116)	(347,069)	(355,022)	
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)	\$2,446,921	2,438,968	2,431,015	2,423,062	2,415,109	2,407,156	2,399,203	2,391,250	2,383,297	2,375,344	2,367,391	2,359,438	2,351,485	
6.	Average Net Investment		2,442,945	2,434,992	2,427,039	2,419,086	2,411,133	2,403,180	2,395,227	2,387,274	2,379,321	2,371,368	2,363,415	2,355,462	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		17,750	17,692	17,634	17,576	17,518	17,461	17,403	17,345	17,287	17,230	17,172	17,114	\$209,182
b.	Debt Component Grossed Up For Taxes (C)		5,970	5,950	5,931	5,911	5,892	5,873	5,853	5,834	5,814	5,795	5,775	5,756	70,354
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)		31,673	31,595	31,518	31,440	31,363	31,287	31,209	31,132	31,054	30,978	30,900	30,823	374,972
a.	Recoverable Costs Allocated to Energy		31,673	31,595	31,518	31,440	31,363	31,287	31,209	31,132	31,054	30,978	30,900	30,823	374,972
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		31,611	31,533	31,451	31,385	31,307	31,240	31,143	31,051	31,001	30,942	30,897	30,821	374,382
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)		\$31,611	\$31,533	\$31,451	\$31,385	\$31,307	\$31,240	\$31,143	\$31,051	\$31,001	\$30,942	\$30,897	\$30,821	\$374,382

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 312.43 (\$1,995,677) and 315.43 (\$710,830)
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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)	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314	\$84,099,314
3.	Less: Accumulated Depreciation	(3,686,991)	(3,990,353)	(4,293,715)	(4,597,077)	(7,965,677)	(8,269,039)	(8,572,401)	(8,875,763)	(9,179,125)	(9,482,487)	(9,785,849)	(10,089,211)	(10,392,573)	(10,392,573)
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)	\$80,412,323	80,108,961	79,805,599	79,502,237	76,133,637	75,830,275	75,526,913	75,223,551	74,920,189	74,616,827	74,313,465	74,010,103	73,706,741	
6.	Average Net Investment		80,260,642	79,957,280	79,653,918	77,817,937	75,981,956	75,678,594	75,375,232	75,071,870	74,768,508	74,465,146	74,161,784	73,858,422	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		583,147	580,943	578,739	565,399	552,060	549,855	547,651	545,447	543,243	541,039	538,835	536,631	\$6,662,989
b.	Debt Component Grossed Up For Taxes (C)		196,130	195,389	194,648	190,161	185,675	184,933	184,192	183,451	182,709	181,968	181,227	180,485	2,240,968
8.	Investment Expenses														
a.	Depreciation (D)		303,362	303,362	303,362	303,362	303,362	303,362	303,362	303,362	303,362	303,362	303,362	303,362	3,640,344
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)		1,082,639	1,079,694	1,076,749	1,058,922	1,041,097	1,038,150	1,035,205	1,032,260	1,029,314	1,026,369	1,023,424	1,020,478	12,544,301
a.	Recoverable Costs Allocated to Energy		1,082,639	1,079,694	1,076,749	1,058,922	1,041,097	1,038,150	1,035,205	1,032,260	1,029,314	1,026,369	1,023,424	1,020,478	12,544,301
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		1,080,508	1,077,565	1,074,474	1,057,081	1,039,234	1,036,606	1,033,027	1,029,582	1,027,542	1,025,165	1,023,330	1,020,404	12,524,518
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)		\$1,080,508	\$1,077,565	\$1,074,474	\$1,057,081	\$1,039,234	\$1,036,606	\$1,033,027	\$1,029,582	\$1,027,542	\$1,025,165	\$1,023,330	\$1,020,404	\$12,524,518

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.51 (\$22,278,982), 312.51 (\$46,909,884), 315.51 (\$14,063,245), and 316.51 (\$847,203).
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012**

Form 42-8E  
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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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$436	\$0	\$772,962	\$98,362	\$25,341	\$27,734	\$0	\$0	\$0	\$0	\$285,969	\$0	\$1,210,804
b.	Clearings to Plant		436	0	0	0	0	0	0	0	0	0	0	1,722,583	\$1,723,019
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)	\$92,325,259	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$92,325,695	\$94,048,278
3.	Less: Accumulated Depreciation	(5,415,519)	(5,713,853)	(6,012,188)	(6,310,523)	(10,111,715)	(10,410,050)	(10,708,385)	(11,006,720)	(11,305,055)	(11,603,390)	(11,901,725)	(12,200,060)	(12,498,395)	(12,498,395)
4.	CWIP - Non-Interest Bearing	512,215	512,215	512,215	1,285,177	1,383,539	1,408,880	1,436,614	1,436,614	1,436,614	1,436,614	1,436,614	1,436,614	1,722,583	(0)
5.	Net Investment (Lines 2 + 3 + 4)	\$87,421,955	87,124,057	86,825,722	87,300,349	83,597,519	83,324,525	83,053,924	82,755,589	82,457,254	82,158,919	81,860,584	81,848,218	81,549,863	
6.	Average Net Investment		87,273,006	86,974,890	87,063,035	85,448,934	83,461,022	83,189,224	82,904,756	82,606,421	82,308,086	82,009,751	81,854,401	81,699,050	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		634,087	631,931	632,571	620,843	606,400	604,425	602,358	600,191	598,023	595,856	594,727	593,598	\$7,315,020
b.	Debt Component Grossed Up For Taxes (C)		213,266	212,538	212,753	208,809	203,951	203,287	202,592	201,863	201,134	200,404	200,025	199,645	2,460,267
8.	Investment Expenses														
a.	Depreciation (D)		298,334	298,335	298,335	298,335	298,335	298,335	298,335	298,335	298,335	298,335	298,335	298,335	3,580,019
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)		1,145,697	1,142,804	1,143,659	1,127,987	1,108,686	1,106,047	1,103,285	1,100,389	1,097,492	1,094,595	1,093,087	1,091,578	13,355,306
a.	Recoverable Costs Allocated to Energy		1,145,697	1,142,804	1,143,659	1,127,987	1,108,686	1,106,047	1,103,285	1,100,389	1,097,492	1,094,595	1,093,087	1,091,578	13,355,306
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		1,143,442	1,140,551	1,141,242	1,126,026	1,106,702	1,104,402	1,100,963	1,097,534	1,095,603	1,093,311	1,092,987	1,091,499	13,334,262
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)		\$1,143,442	\$1,140,551	\$1,141,242	\$1,126,026	\$1,106,702	\$1,104,402	\$1,100,963	\$1,097,534	\$1,095,603	\$1,093,311	\$1,092,987	\$1,091,499	\$13,334,262

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.52 (\$25,208,869), 312.52 (\$51,966,368), 315.52 (\$15,914,427), and 316.52 (\$958,616).
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$13,642	\$1,371	\$857	\$4,769	(\$22)	\$949	\$1,190	\$18,250	\$16,650	\$33,100	\$1,638	\$1,162	\$93,556
b.	Clearings to Plant		1,888	0	0	0	0	0	0	0	0	0	0	268,892	270,780
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)	\$80,163,199	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,165,087	\$80,433,979	
3.	Less: Accumulated Depreciation	(6,400,221)	(6,647,090)	(6,893,965)	(7,140,840)	(11,070,725)	(11,317,600)	(11,564,475)	(11,811,350)	(12,058,225)	(12,305,100)	(12,551,975)	(12,798,850)	(13,045,725)	
4.	CWIP - Non-Interest Bearing	177,224	188,978	190,348	191,206	195,975	195,953	196,902	198,092	216,342	232,992	266,092	267,730	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$73,940,202	73,706,975	73,461,470	73,215,453	69,290,337	69,043,440	68,797,514	68,551,829	68,323,204	68,092,979	67,879,204	67,633,967	67,388,254	
6.	Average Net Investment		73,823,588	73,584,223	73,338,461	71,252,895	69,166,889	68,920,477	68,674,671	68,437,516	68,208,091	67,986,091	67,756,585	67,511,110	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		536,378	534,638	532,853	517,700	502,544	500,753	498,967	497,244	495,577	493,964	492,297	490,513	\$6,093,428
b.	Debt Component Grossed Up For Taxes (C)		180,400	179,815	179,215	174,118	169,021	168,419	167,818	167,238	166,678	166,135	165,575	164,975	2,049,407
8.	Investment Expenses														
a.	Depreciation (D)		246,869	246,875	246,875	246,875	246,875	246,875	246,875	246,875	246,875	246,875	246,875	246,875	2,962,494
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)		963,647	961,328	958,943	938,693	918,440	916,047	913,660	911,357	909,130	906,974	904,747	902,363	11,105,329
a.	Recoverable Costs Allocated to Energy		963,647	961,328	958,943	938,693	918,440	916,047	913,660	911,357	909,130	906,974	904,747	902,363	11,105,329
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		961,751	959,432	956,917	937,061	916,796	914,684	911,737	908,992	907,565	905,910	904,664	902,297	11,087,806
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)		\$961,751	\$959,432	\$956,917	\$937,061	\$916,796	\$914,684	\$911,737	\$908,992	\$907,565	\$905,910	\$904,664	\$902,297	\$11,087,806

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.53 (\$21,689,422), 312.53 (\$44,228,920), 315.53 (\$13,690,954), and 316.53 (\$824,683).
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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)	\$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	\$62,853,033	\$62,853,033
3.	Less: Accumulated Depreciation	(6,448,484)	(6,628,452)	(6,808,420)	(6,988,388)	(10,107,159)	(10,287,127)	(10,467,095)	(10,647,063)	(10,827,031)	(11,006,999)	(11,186,967)	(11,366,935)	(11,546,903)	(11,546,903)
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)	\$56,404,549	\$56,224,581	\$56,044,613	\$55,864,645	\$52,745,874	\$52,565,906	\$52,385,938	\$52,205,970	\$52,026,002	\$51,846,034	\$51,666,066	\$51,486,098	\$51,306,130	\$51,306,130
6.	Average Net Investment		56,314,565	56,134,597	55,954,629	54,305,260	52,655,890	52,475,922	52,295,954	52,115,986	51,936,018	51,756,050	51,576,082	51,396,114	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		409,163	407,855	406,548	394,564	382,580	381,273	379,965	378,657	377,350	376,042	374,735	373,427	\$4,642,159
b.	Debt Component Grossed Up For Taxes (C)		137,614	137,174	136,734	132,704	128,673	128,234	127,794	127,354	126,914	126,475	126,035	125,595	1,561,300
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)		726,745	724,997	723,250	707,236	691,221	689,475	687,727	685,979	684,232	682,485	680,738	678,990	8,363,075
a.	Recoverable Costs Allocated to Energy		726,745	724,997	723,250	707,236	691,221	689,475	687,727	685,979	684,232	682,485	680,738	678,990	8,363,075
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	-
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9976957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		725,315	723,567	721,722	706,007	689,984	688,449	686,280	684,199	683,054	681,684	680,676	678,941	8,349,878
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$725,315	\$723,567	\$721,722	\$706,007	\$689,984	\$688,449	\$686,280	\$684,199	\$683,054	\$681,684	\$680,676	\$678,941	\$8,349,878

**Notes:**

- (A) Applicable depreciable base for Big Bend; account 311.54 (\$16,857,250), 312.54 (\$34,665,822), 315.54 (\$10,642,027), and 316.54 (\$687,934).
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rate is 2.4%, 3.8%, 3.9%, and 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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$1,402,139	\$1,318,903	\$573,415	\$760,272	\$669,701	\$396,532	\$342,417	\$290,831	\$323,400	\$183,188	\$41,182	\$0	\$6,301,979
	b. Cleanings to Plant		0	0	0	0	0	0	\$12,489,768	\$290,831	\$323,400	\$183,188	\$41,182	0	13,328,369
	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)	\$11,566,029	\$11,566,029	\$11,566,029	\$11,566,029	\$11,566,029	\$11,566,029	\$11,566,029	\$24,055,794	\$24,346,625	\$24,670,025	\$24,853,213	\$24,894,395	\$24,894,395	
3.	Less: Accumulated Depreciation	(1,095,901)	(1,120,604)	(1,145,307)	(1,170,010)	(1,194,713)	(1,219,416)	(1,244,119)	(1,268,822)	(1,319,545)	(1,370,874)	(1,422,877)	(1,475,262)	(1,527,733)	
4.	CWIP - Non-Interest Bearing	7,026,389	8,428,528	9,747,431	10,320,846	11,081,118	11,750,819	12,147,351	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$17,496,517	18,873,953	20,168,153	20,716,865	21,452,434	22,097,431	22,469,260	22,786,972	23,027,080	23,299,151	23,430,336	23,419,133	23,366,662	
6.	Average Net Investment		18,185,235	19,521,053	20,442,509	21,084,649	21,774,933	22,283,346	22,628,116	22,907,026	23,163,115	23,364,743	23,424,734	23,392,897	
7.	Return on Average Net Investment														
	a. Equity Component Grossed Up For Taxes (B)		132,128	141,833	148,528	153,194	158,209	161,903	164,408	166,435	168,295	169,760	170,196	169,965	\$1,904,854
	b. Debt Component Grossed Up For Taxes (C)		44,439	47,703	49,955	51,524	53,211	54,453	55,296	55,977	56,603	57,096	57,242	57,164	640,663
8.	Investment Expenses														
	a. Depreciation (D)		24,703	24,703	24,703	24,703	24,703	24,703	24,703	50,723	51,329	52,003	52,385	52,471	431,832
	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)		201,270	214,239	223,186	229,421	236,123	241,059	244,407	273,135	276,227	278,859	279,823	279,600	2,977,349
	a. Recoverable Costs Allocated to Energy		201,270	214,239	223,186	229,421	236,123	241,059	244,407	273,135	276,227	278,859	279,823	279,600	2,977,349
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		200,874	213,817	222,714	229,022	235,700	240,700	243,893	272,426	275,752	278,532	279,797	279,580	2,972,807
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)		\$200,874	\$213,817	\$222,714	\$229,022	\$235,700	\$240,700	\$243,893	\$272,426	\$275,752	\$278,532	\$279,797	\$279,580	\$2,972,807

**Notes:**

- (A) Applicable depreciable base for Big Bend, account 312.44 (\$1,456,209) and 312.45 (\$23,438,186)
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (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 2012 to December 2012

Return on Capital Investments, Depreciation and Taxes  
 For Project: Clean Air Mercury Rule  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated 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)	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053	\$1,169,053
3.	Less: Accumulated Depreciation	(92,424)	(96,029)	(99,634)	(103,239)	(106,844)	(110,449)	(114,054)	(117,659)	(121,264)	(124,869)	(128,474)	(132,079)	(135,684)	(135,684)
4.	CWIP - Non-Interest Bearing	74,758	74,758	74,758	74,758	74,758	74,758	74,758	74,758	74,758	74,758	74,758	74,758	74,758	74,758
5.	Net Investment (Lines 2 + 3 + 4)	\$1,151,387	1,147,782	1,144,177	1,140,572	1,136,967	1,133,362	1,129,757	1,126,152	1,122,547	1,118,942	1,115,337	1,111,732	1,108,127	
6.	Average Net Investment		1,149,585	1,145,980	1,142,375	1,138,770	1,135,165	1,131,560	1,127,955	1,124,350	1,120,745	1,117,140	1,113,535	1,109,930	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		8,353	8,326	8,300	8,274	8,248	8,222	8,195	8,169	8,143	8,117	8,091	8,064	\$98,502
b.	Debt Component Grossed Up For Taxes (C)		2,809	2,800	2,792	2,783	2,774	2,765	2,756	2,748	2,739	2,730	2,721	2,712	33,129
8.	Investment Expenses														
a.	Depreciation (D)		3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605	3,605	43,260
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)		14,767	14,731	14,697	14,662	14,627	14,592	14,556	14,522	14,487	14,452	14,417	14,381	174,891
a.	Recoverable Costs Allocated to Energy		14,767	14,731	14,697	14,662	14,627	14,592	14,556	14,522	14,487	14,452	14,417	14,381	174,891
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		14,738	14,702	14,666	14,637	14,601	14,570	14,525	14,484	14,462	14,435	14,416	14,380	174,616
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)		\$14,738	\$14,702	\$14,666	\$14,637	\$14,601	\$14,570	\$14,525	\$14,484	\$14,462	\$14,435	\$14,416	\$14,380	\$174,616

**Notes:**

- (A) Applicable depreciable base for Big Bend and Polk; accounts 312.41, 312.43, 312.44, 345.81, and 315.40 (\$1,169,053)
- (B) Line 6 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (C) Line 6 x 2.9324% x 1/12.
- (D) Applicable depreciation rate is 4.0%, 3.5%, 3.0%, 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 2012 to December 2012

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	Estimated July	Estimated August	Estimated September	Estimated October	Estimated November	Estimated December	End of Period Total
1.	Investments														
a.	0		\$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	970	0	0	0	0	0	0	0	0	970
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	(38,451)	(38,373)	(38,283)	(38,181)	(38,105)	(38,045)	(37,970)	(37,858)	(37,744)	(37,647)	(37,558)	(37,456)	(37,356)	
3.	Total Working Capital Balance		<u>(38,451)</u>	<u>(38,373)</u>	<u>(38,283)</u>	<u>(38,181)</u>	<u>(38,105)</u>	<u>(37,970)</u>	<u>(37,858)</u>	<u>(37,744)</u>	<u>(37,647)</u>	<u>(37,558)</u>	<u>(37,456)</u>	<u>(37,356)</u>	
4.	Average Net Working Capital Balance		(\$38,412)	(\$38,328)	(\$38,232)	(\$38,143)	(\$38,075)	(\$38,008)	(\$37,914)	(\$37,801)	(\$37,696)	(\$37,603)	(\$37,507)	(\$37,406)	
5.	Return on Average Net Working Capital Balance														
a.	Equity Component Grossed Up For Taxes (A)		(279)	(278)	(278)	(277)	(277)	(276)	(275)	(275)	(274)	(273)	(273)	(272)	(3,307)
b.	Debt Component Grossed Up For Taxes (B)		(94)	(94)	(93)	(93)	(93)	(93)	(93)	(92)	(92)	(92)	(92)	(91)	(1,112)
6.	Total Return Component		<u>(373)</u>	<u>(372)</u>	<u>(371)</u>	<u>(370)</u>	<u>(370)</u>	<u>(369)</u>	<u>(368)</u>	<u>(367)</u>	<u>(366)</u>	<u>(365)</u>	<u>(365)</u>	<u>(363)</u>	<u>(4,419)</u>
7.	Expenses:														
a.	Gains		0	0	0	(970)	0	0	0	0	0	0	0	0	(970)
b.	Losses		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	SO <sub>2</sub> Allowance Expense		(43)	(114)	(114)	(81)	(45)	(60)	1,888	1,887	1,902	1,911	1,898	1,900	10,929
8.	Net Expenses (D)		<u>(43)</u>	<u>(114)</u>	<u>(114)</u>	<u>(1,051)</u>	<u>(45)</u>	<u>(60)</u>	<u>1,888</u>	<u>1,887</u>	<u>1,902</u>	<u>1,911</u>	<u>1,898</u>	<u>1,900</u>	<u>9,959</u>
9.	Total System Recoverable Expenses (Lines 6 + 8)		(416)	(486)	(485)	(1,421)	(415)	(429)	1,520	1,520	1,536	1,546	1,533	1,537	5,540
a.	Recoverable Costs Allocated to Energy		(416)	(486)	(485)	(1,421)	(415)	(429)	1,520	1,520	1,536	1,546	1,533	1,537	5,540
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978670	0.9982619	0.9982101	0.9985125	0.9978957	0.9974053	0.9982786	0.9988268	0.9999083	0.9999272	
11.	Demand Jurisdictional Factor		0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)		(415)	(485)	(484)	(1,419)	(414)	(428)	1,517	1,516	1,533	1,544	1,533	1,537	5,535
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)		<u>(\$415)</u>	<u>(\$485)</u>	<u>(\$484)</u>	<u>(\$1,419)</u>	<u>(\$414)</u>	<u>(\$428)</u>	<u>\$1,517</u>	<u>\$1,516</u>	<u>\$1,533</u>	<u>\$1,544</u>	<u>\$1,533</u>	<u>\$1,537</u>	<u>\$5,535</u>

**Notes:**

- (A) Line 4 x 8.7188% x 1/12. Based on ROE of 11.25% and weighted income tax rate of 38.575% (expansion factor of 1.628002).
- (B) Line 4 x 2.9324% x 1/12.
- (C) Line 6 is reported on Schedules 6E and 7E
- (D) Line 8 is reported on Schedules 4E and 5E
- (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 2012 to December 2012

Form 42 - 9E

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

	(1)	(2)	(3)	(4)
	Jurisdictional Rate Base 2009 Test Year (\$000)	Ratio %	Cost Rate %	Weighted Cost Rate %
Long Term Debt	\$ 1,384,999	40.29%	6.80%	2.7397%
Short Term Debt	7,905	0.23%	2.75%	0.0063%
Preferred Stock	0	0.00%	0.00%	0.0000%
Customer Deposits	99,502	2.89%	6.07%	0.1754%
Common Equity	1,632,612	47.49%	11.25%	5.3426%
Deferred ITC - Weighted Cost	8,964	0.26%	9.19%	0.0239%
Accumulated Deferred Income Taxes - Zero Cost ITCs	<u>303,629</u>	<u>8.83%</u>	0.00%	<u>0.0000%</u>
<b>Total</b>	<b><u>\$ 3,437,611</u></b>	<b><u>100.00%</u></b>		<b><u>8.2879%</u></b>

**ITC split between Debt and Equity:**

Long Term Debt	\$ 1,384,999	Long Term Debt	45.78%
Short Term Debt	7,905	Short Term Debt	0.26%
Equity - Preferred	0	Equity - Preferred	0.00%
Equity - Common	<u>1,632,612</u>	Equity - Common	<u>53.96%</u>
<b>Total</b>	<b><u>\$ 3,025,516</u></b>	<b>Total</b>	<b><u>100.00%</u></b>

**Deferred ITC - Weighted Cost:**

Debt = .0239% * 46.04%	0.0110%
Equity = .0239% * 53.96%	<u>0.0129%</u>
Weighted Cost	<u>0.0239%</u>

**Total Equity Cost Rate:**

Preferred Stock	0.0000%
Common Equity	5.3426%
Deferred ITC - Weighted Cost	<u>0.0129%</u>
	5.3555%
Times Tax Multiplier	1.628002
<b>Total Equity Component</b>	<b><u>8.7188%</u></b>

**Total Debt Cost Rate:**

Long Term Debt	2.7397%
Short Term Debt	0.0063%
Customer Deposits	0.1754%
Deferred ITC - Weighted Cost	<u>0.0110%</u>
<b>Total Debt Component</b>	<b><u>2.9324%</u></b>

**Notes:**

Column (1) - From Order No. PSC-09-0571-FOF-EI  
 Column (2) - Column (1) / Total Column (1)  
 Column (3) - From Order No. PSC-09-0571-FOF-EI  
 Column (4) - Column (2) x Column (3)