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April 1, 2013

HAND DELIVERED

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

RECEIVED-FPSC
13 APR - 1 PM 2:09
COMMISSION
CLERK

Re: Environmental Cost Recovery Clause
FPSC Docket No. 130007-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-1 of Howard T. Bryant regarding Environmental Cost Recovery Factors Final 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
Enclosures

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

COM 5
AFD 1
APA 1
ECO 1
ENG 5
GCL 1
IDM _____
TEL _____
CLK 1-G+Rep

DOCUMENT NUMBER-DATE

01590 APR-1 2013

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 has been furnished by U. S. Mail or hand delivery (*) on this 1st day of April 2013 to the following:

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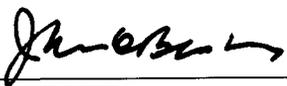
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ATTORNEY



BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION

DOCKET NO. 130007-EI

IN RE: ENVIRONMENTAL COST RECOVERY FACTORS

2012 FINAL TRUE-UP
TESTIMONY AND EXHIBITS

HOWARD T. BRYANT

FILED: APRIL 1, 2013

DOCUMENT NUMBER-DATE

01590 APR-1 2013

FPSC-COMMISSION CLERK

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 ECRC
8 activities since 2001 as well as conservation and load
9 management activities, DSM goals setting, DSM plan
10 approval dockets and other ECCR dockets since 1993.

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 actual true-up amount for the
16 ECRC and the calculations associated with the
17 environmental compliance activities for the January 2012
18 through December 2012 period.

19
20 **Q.** Did you prepare any exhibits in support of your
21 testimony?

22
23 **A.** Yes. Exhibit No. _____ (HTB-1) consists of nine forms
24 prepared under my direction and supervision.

25

- 1 ▪ Form 42-1A, Document No. 1, Final true-up for the
2 January 2012 through December 2012 period;
- 3 ▪ Form 42-2A, Document No. 2, provides the detailed
4 calculation of the actual true-up for the period;
- 5 ▪ Form 42-3A, Document No. 3, provides details to the
6 calculation of the interest provision for the
7 period;
- 8 ▪ Form 42-4A, Document No. 4, reflects the calculation
9 of variances between actual and actual/estimated
10 costs for O&M activities;
- 11 ▪ Form 42-5A, Document No. 5, provides a summary of
12 actual monthly O&M activity costs for the period;
- 13 ▪ Form 42-6A, Document No. 6, provides details of the
14 calculation of variances between actual and
15 actual/estimated costs for capital investment
16 projects;
- 17 ▪ Form 42-7A, Document No. 7, presents a summary of
18 actual monthly costs for capital investment projects
19 for the period;
- 20 ▪ Form 42-8A, Document No. 8, pages 1 through 25,
21 consist of the calculation of depreciation expenses
22 and return on capital investment for each project
23 that is being recovered through the ECRC, and page
24 26 calculates the net expenses associated with
25 maintaining an SO₂ allowance inventory.

1 ▪ Form 42-9A, Document No. 9, details the calculation
2 of Tampa Electric's capital structure, components
3 and cost rates.

4

5 **Q.** What is the source of the data presented by way of your
6 testimony or exhibits in this process?

7

8 **A.** Unless otherwise indicated, the actual data is taken from
9 the books and records of Tampa Electric. The books and
10 records are kept in the regular course of business in
11 accordance with generally accepted accounting principles
12 and practices, and provisions of the Uniform System of
13 Accounts as prescribed by this Commission.

14

15 **Q.** What is the actual true-up amount Tampa Electric is
16 requesting for the January 2012 through December 2012
17 period?

18

19 **A.** Tampa Electric has calculated and is requesting approval
20 of an under-recovery of \$15,457,712 as the actual true-up
21 amount for the January 2012 through December 2012 period.

22

23 **Q.** What is the adjusted net true-up amount Tampa Electric is
24 requesting for the January 2012 through December 2012
25 period which is to be applied in the calculation of the

1 environmental cost recovery factors to be
2 refunded/(recovered) in the 2014 projection period?
3

4 **A.** Tampa Electric has calculated an under-recovery of
5 \$3,702,886 reflected on Form 42-1A, as the adjusted net
6 true-up amount for the January 2012 through December 2012
7 period. This adjusted net true-up amount is the
8 difference between the actual under-recovery and the
9 actual/estimated under-recovery for the January 2012
10 through December 2012 period as depicted on Form 42-1A.
11 The actual true-up amount for the January 2012 through
12 December 2012 period is an under-recovery of \$15,457,712
13 as compared to the \$11,754,826 actual/estimated under-
14 recovery amount approved in Commission Order No. PSC-12-
15 0613-FOF-EI issued November 16, 2012.

16
17 **Q.** Are all costs listed in Forms 42-4A through 42-8A
18 attributable to environmental compliance projects
19 approved by the Commission?
20

21 **A.** All costs listed in Forms 42-4A through 42-8A for which
22 Tampa Electric is seeking recovery are attributable to
23 environmental compliance projects approved by the
24 Commission.
25

1 Q. Did Tampa Electric include costs in its 2012 final ECRC
2 true-up filing for any environmental projects that were
3 not anticipated and included in its 2012 factors?
4

5 A. No.
6

7 Q. How did actual expenditures for the January 2012 through
8 December 2012 period compare with Tampa Electric's
9 actual/estimated projections as presented in previous
10 testimony and exhibits?
11

12 A. As shown on Form 42-4A, total O&M activities costs were
13 \$1,337,560 or 4.3 percent more than the actual/estimated
14 projections. Form 42-6A shows the total capital
15 investment costs were \$11,538 less than the
16 actual/estimated projections. O&M projects with material
17 variances from the 2012 Actual/Estimated True-Up filing
18 are explained below. Variances for capital investment
19 projects are quite modest; therefore, explanations are
20 not provided.
21

22 **O&M Project Variances**

23 ■ **SO₂ Emissions Allowances:** The SO₂ Emission Allowances
24 project variance was \$11,106 or 111.5 percent less than
25 projected. The variance was due to less cogeneration

1 purchases than originally projected.

- 2 ▪ **Big Bend Units 1 & 2 FGD:** The Big Bend Units 1 & 2 FGD
3 project variance was \$1,218,414 or 6.9 percent more than
4 projected due to increase in operations, which in turn,
5 caused an increase in chemical consumption. Additionally,
6 there was an increase in steel utilization to sustain the
7 integrity of the structure.
- 8 ▪ **Big Bend PM Minimization and Monitoring:** The Big Bend PM
9 Minimization and Monitoring project variance was \$127,723
10 or 32.3 percent less than projected due to a decrease in
11 operational maintenance from the original projection.
- 12 ▪ **Big Bend NO_x Emissions Reduction:** The Big Bend NO_x
13 Emissions Reduction project variance was \$256,554 or 67.4
14 percent less than projected due to maintenance activity
15 being less than expected during planned outages.
- 16 ▪ **Polk NO_x Emissions Reduction:** The Polk NO_x Emissions
17 Reduction project variance was \$8,985 or 55 percent lower
18 than projected due to less maintenance needed than
19 originally projected.
- 20 ▪ **Bayside SCR Consumables:** The Bayside SCR Consumables
21 project variance was \$54,818 or 45 percent greater than
22 projected due to an increase in ammonia costs attributed
23 to an increase in the \$/ton cost of the product as well
24 as an overall increase in ammonia consumption.

25

- 1 ▪ **Clean Water Act Section 316(b) Phase II Study:** The Clean
2 Water Act Section 316(b) Phase II Study was \$9,046 or
3 16.1 percent less than projected due to the EPA's
4 postponement of the final rule until July 2013. As such;
5 Tampa Electric has delayed any additional work related to
6 same.
- 7 ▪ **Arsenic Ground Water Standard Program:** The Arsenic
8 Groundwater Standard program variance was \$22,353 or 26.5
9 percent greater than projected due to the area containing
10 arsenic contaminated soil being larger than expected.
11 Subsequently, outside resources were contracted to
12 perform services regarding contamination levels near
13 wetlands as well as a land survey.
- 14 ▪ **Big Bend Unit 2 SCR:** The Big Bend Unit 2 SCR project
15 variance was \$251,278 or 10.8 percent greater than
16 projected due to the increase in ammonia consumption
17 driven by the increase in generating unit production.
- 18 ▪ **Clean Air Mercury Rule:** The Clean Air Mercury Rule
19 Project variance was \$10,955 or 43.1 percent less than
20 originally projected due to the occurrence of fewer
21 sample tests than what was originally projected as well
22 as a reduction in costs for sorbent traps.

23

24 Q. Did Tampa Electric make any adjustments to the 2012 true-
25 up period?

1 **A.** Yes. Tampa Electric made an adjustment of \$18,669 in
2 January 2012 which was comprised of two items. First,
3 two capital projects were inadvertently included in CWIP
4 while collecting AFUDC; therefore, ROI should not have
5 been calculated for collection. Second, a specific
6 project associated with Big Bend Units 1 & 2 FGD had been
7 assigned an incorrect depreciation rate. When both
8 corrections were made, the aforementioned adjustment was
9 necessary.

10

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

12

13 **A.** Yes, it does.

14

15

16

17

18

19

20

21

22

23

24

25

INDEX

**TAMPA ELECTRIC COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE**

**FINAL TRUE-UP AMOUNT FOR THE PERIOD OF
JANUARY 2012 THROUGH DECEMBER 2012**

FORMS 42-1A THROUGH 42-9A

<u>DOCUMENT NO.</u>	<u>TITLE</u>	<u>PAGE</u>
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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
January 2012 to December 2012
(in Dollars)

Form 42 - 1A

<u>Line</u>	<u>Period Amount</u>
1. End of Period Actual True-Up for the Period January 2012 to December 2012 (Form 42-2A, Lines 5 + 6 + 10)	(\$15,457,712)
2. Estimated/Actual True-Up Amount Approved for the Period January 2012 to December 2012 (Order No. PSC-12-0613-FOF-EI)	<u>(11,754,826)</u>
4. Final True-Up to be Refunded/(Recovered) in the Projection Period January 2014 to December 2014 (Lines 1 - 2)	<u>(\$3,702,886)</u>

11

Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
 January 2012 to December 2012

Current Period True-Up Amount
 (in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. ECRC Revenues (net of Revenue Taxes)	\$6,434,215	\$5,934,263	\$5,990,668	\$6,814,704	\$6,925,467	\$7,922,515	\$8,037,332	\$8,200,453	\$8,484,677	\$7,415,258	\$6,189,630	\$5,835,462	\$84,184,644
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) ¹	6,177,473	5,677,521	5,733,926	6,557,962	6,668,725	7,665,773	7,780,590	7,943,711	8,227,935	7,158,516	5,932,888	5,578,726	81,103,746
4. Jurisdictional ECRC Costs													
a. O & M Activities (Form 42-5A, Line 9)	1,292,939	2,075,962	1,978,566	1,733,652	1,655,344	1,572,753	3,412,344	4,004,281	6,413,586	2,794,378	3,026,711	2,072,520	32,033,036
b. Capital Investment Projects (Form 42-7A, Line 9)	5,555,377	5,474,270	5,473,360	5,409,904	5,342,611	5,340,409	5,328,480	5,342,691	5,333,371	5,321,801	5,309,667	5,302,034	64,533,975
c. Total Jurisdictional ECRC Costs	6,848,316	7,550,232	7,451,926	7,143,556	6,997,955	6,913,162	8,740,824	9,346,972	11,746,957	8,116,179	8,336,378	7,374,554	96,567,011
5. Over/Under Recovery (Line 3 - Line 4c) ¹	(670,843)	(1,872,711)	(1,718,000)	(585,594)	(329,230)	752,611	(960,234)	(1,403,261)	(3,519,022)	(957,663)	(2,403,490)	(1,795,828)	(15,463,265)
6. Interest Provision (Form 42-3A, Line 10)	(390)	(752)	(725)	(896)	(1,015)	(969)	(953)	(1,255)	(1,140)	(1,318)	(2,090)	(1,613)	(13,116)
7. Beginning Balance True-Up & Interest Provision ¹	(3,080,898)	(3,476,720)	(5,093,441)	(6,555,424)	(6,885,172)	(6,958,675)	(5,950,291)	(6,654,736)	(7,802,510)	(11,065,930)	(11,768,169)	(13,917,007)	(3,080,898)
a. Deferred True-Up from January to December 2011 (Order No. PSC-12-0613-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) ¹	(6,727,840)	(8,325,892)	(9,787,875)	(10,117,623)	(10,191,126)	(9,182,742)	(9,887,187)	(11,034,961)	(14,298,381)	(15,000,620)	(17,149,458)	(18,690,163)	(18,708,832)
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) ¹	(\$6,709,171)	(\$8,325,892)	(\$9,787,875)	(\$10,117,623)	(\$10,191,126)	(\$9,182,742)	(\$9,887,187)	(\$11,034,961)	(\$14,298,381)	(\$15,000,620)	(\$17,149,458)	(\$18,690,163)	(\$18,690,163)

¹ Subject to Baseline Analytics

Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
 January 2012 to December 2012

Form 42 - 3A

Interest Provision
 (in Dollars)

Line	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1. Beginning True-Up Amount (Form 42-2A, Line 7 + 7a + 10)	(\$6,294,680)	(\$6,709,171)	(\$8,325,892)	(\$9,787,875)	(\$10,117,623)	(\$10,191,126)	(\$9,182,742)	(\$9,887,187)	(\$11,034,961)	(\$14,298,381)	(\$15,000,620)	(\$17,149,458)	
2. Ending True-Up Amount Before Interest	(6,708,781)	(8,325,140)	(9,787,150)	(10,116,727)	(10,190,111)	(9,181,773)	(9,886,234)	(11,033,706)	(14,297,241)	(14,999,302)	(17,147,368)	(18,688,550)	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	(13,003,461)	(15,034,311)	(18,113,042)	(19,904,602)	(20,307,734)	(19,372,899)	(19,068,976)	(20,920,893)	(25,332,202)	(29,297,683)	(32,147,988)	(35,838,008)	
4. Average True-Up Amount (Line 3 x 1/2)	(6,501,731)	(7,517,156)	(9,056,521)	(9,952,301)	(10,153,867)	(9,686,450)	(9,534,488)	(10,460,447)	(12,666,101)	(14,648,842)	(16,073,994)	(17,919,004)	
5. Interest Rate (First Day of Reporting Business Month)	0.03%	0.12%	0.11%	0.09%	0.12%	0.13%	0.10%	0.15%	0.14%	0.07%	0.14%	0.16%	
6. Interest Rate (First Day of Subsequent Business Month)	0.12%	0.11%	0.09%	0.12%	0.13%	0.10%	0.15%	0.14%	0.07%	0.14%	0.16%	0.05%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.15%	0.23%	0.20%	0.21%	0.25%	0.23%	0.25%	0.29%	0.21%	0.21%	0.30%	0.21%	
8. Average Interest Rate (Line 7 x 1/2)	0.075%	0.115%	0.100%	0.105%	0.125%	0.115%	0.125%	0.145%	0.105%	0.105%	0.150%	0.105%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.006%	0.010%	0.008%	0.009%	0.010%	0.010%	0.010%	0.012%	0.009%	0.009%	0.013%	0.009%	
10. Interest Provision for the Month (Line 4 x Line 9)	(\$390)	(\$752)	(\$725)	(\$896)	(\$1,015)	(\$969)	(\$953)	(\$1,255)	(\$1,140)	(\$1,318)	(\$2,090)	(\$1,613)	(\$13,116)

13

¹ Subject to Baseline Analytics

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
January 2012 to December 2012

Form 42 - 4A

Variance Report of O & M Activities
(In Dollars)

Line	(1)	(2)	(3)	(4)
	Actual	Actual/Estimated Projection	Variance Amount	Percent
1. Description of O&M Activities				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$4,646,263	\$4,562,661	\$83,602	1.8%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	0	0	0	0.0%
c. SO ₂ Emissions Allowances	(1,147)	9,959	(11,106)	-111.5%
d. Big Bend Units 1 & 2 FGD	18,824,575	17,606,161	1,218,414	6.9%
e. Big Bend PM Minimization and Monitoring	267,995	395,718	(127,723)	-32.3%
f. Big Bend NO _x Emissions Reduction	123,868	380,422	(256,554)	-67.4%
g. NPDES Annual Surveillance Fees	34,500	34,500	0	0.0%
h. Gannon Thermal Discharge Study	0	0	0	0.0%
i. Polk NO _x Emissions Reduction	7,351	16,336	(8,985)	-55.0%
j. Bayside SCR Consumables	176,662	121,844	54,818	45.0%
k. Big Bend Unit 4 SOFA	0	0	0	0.0%
l. Big Bend Unit 1 Pre-SCR	7,990	0	7,990	0.0%
m. Big Bend Unit 2 Pre-SCR	3,079	0	3,079	0.0%
n. Big Bend Unit 3 Pre-SCR	46,549	0	46,549	0.0%
o. Clean Water Act Section 316(b) Phase II Study	47,094	56,140	(9,046)	-16.1%
p. Arsenic Groundwater Standard Program	106,852	84,499	22,353	26.5%
q. Big Bend 1 SCR	2,422,398	2,300,371	122,027	5.3%
r. Big Bend 2 SCR	2,579,553	2,328,275	251,278	10.8%
s. Big Bend 3 SCR	1,866,406	1,868,922	(2,516)	-0.1%
t. Big Bend 4 SCR	822,403	868,068	(45,665)	-5.3%
u. Clean Air Mercury Rule	14,446	25,401	(10,955)	-43.1%
v. Greenhouse Gas Reduction Program	90,788	90,788	0	0.0%
2. Total Investment Projects - Recoverable Costs	\$32,087,625	\$30,750,065	\$1,337,560	4.3%
3. Recoverable Costs Allocated to Energy	\$31,899,180	\$30,574,926	\$1,324,253	4.3%
4. Recoverable Costs Allocated to Demand	\$188,445	\$175,139	\$13,307	7.6%

Notes:

Column (1) is the End of Period Totals on Form 42-5A.
Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-12-0613-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 Final True-Up Amount for the Period
 January 2012 to December 2012

O&M Activities
 (in Dollars)

Line	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Actual	End of	Method of Classification	
	January	February	March	April	May	June	July	August	September	October	November	December	Total	Demand	Energy
1.	Description of O&M Activities														
a.	\$279,997	\$392,169	\$497,890	\$255,035	\$500,709	\$370,661	\$306,497	\$386,143	\$459,069	\$473,141	\$340,565	\$384,387	\$4,646,263		\$4,646,263
b.													0		0
c.	(43)	(114)	(114)	(1,051)	(45)	(63)	98	184	28	(25)	12	(14)	(1,147)		(1,147)
d.	540,951	787,656	731,659	769,873	696,915	704,907	2,512,661	2,851,060	5,119,929	1,527,646	1,751,794	829,525	18,824,575		18,824,575
e.	50,208	36,899	27,901	46,522	25,331	(12,932)	15,671	17,884	28,172	12,190	11,250	8,900	267,995		267,995
f.	24,370	1,688	(2,718)	35,148	38,520	13,365	0	21	0	11	920	12,542	123,868		123,868
g.	34,500	0	0	0	0	0	0	0	0	0	0	0	34,500	\$34,500	0
h.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
i.	3	0	371	175	786	0	0	1,545	1,602	924	0	1,944	7,351		7,351
j.	14,436	0	10,730	12,132	12,660	14,387	0	0	0	(10,706)	104,084	18,939	176,662		176,662
k.	0	0	0	0	0	0	0	0	0	0	0	0	0		0
l.	0	0	0	0	0	0	0	0	0	0	575	7,415	7,990		7,990
m.	0	0	0	0	0	0	0	2,504	0	0	575	0	3,079		3,079
n.	0	0	0	0	0	0	0	580	0	0	0	45,969	46,549		46,549
o.	(2,579)	0	7,168	23,711	6,840	0	0	1,758	0	0	10,196	0	47,094	47,094	0
p.	0	3,867	26,506	26,895	7,232	0	0	5	8,653	26,160	778	6,757	106,852	106,852	0
q.	192,689	261,522	253,634	50,423	12,328	123,489	194,403	233,943	285,928	293,361	235,591	285,087	2,422,398		2,422,398
r.	223,567	240,818	190,525	173,538	126,410	163,321	198,292	266,092	246,078	284,010	248,882	218,021	2,579,553		2,579,553
s.	145,796	155,541	138,730	219,455	148,941	111,544	122,787	142,529	182,484	117,853	191,342	189,404	1,866,406		1,866,406
t.	(217,727)	109,495	99,756	123,082	80,101	86,418	67,120	106,003	90,589	73,680	135,905	67,981	822,403		822,403
u.	9,393	533	0	1,858	1,617	0	0	0	0	954	34	57	14,446		14,446
v.	0	90,000	788	0	0	0	0	0	0	0	0	-0	90,788		90,788
2.	1,295,560	2,080,072	1,982,826	1,736,795	1,658,346	1,575,096	3,417,529	4,010,251	6,422,532	2,799,200	3,032,503	2,076,915	32,087,625	\$188,445	\$31,899,180
3.	1,263,639	2,076,205	1,949,152	1,686,190	1,644,274	1,575,096	3,417,529	4,008,488	6,413,879	2,773,040	3,021,529	2,070,158	31,899,180		
4.	31,921	3,867	33,674	50,605	14,072	0	0	1,763	8,653	26,160	10,974	6,757	188,445		
5.	0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903			
6.	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.	1,261,152	2,072,111	1,945,033	1,683,259	1,641,331	1,572,753	3,412,344	4,002,525	6,404,969	2,768,327	3,015,783	2,065,791	31,845,378		
8.	31,787	3,851	33,533	50,393	14,013	0	0	1,756	8,617	26,051	10,928	6,729	187,658		
9.	\$1,292,939	\$2,075,962	\$1,978,566	\$1,733,652	\$1,655,344	\$1,572,753	\$3,412,344	\$4,004,281	\$6,413,586	\$2,794,378	\$3,026,711	\$2,072,520	\$32,033,036		

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 Final True-Up Amount for the Period
 January 2012 to December 2012

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

Line	(1) Actual	(2) Actual/Estimated Projection	(3) Variance Amount	(4) Percent
1. Description of Investment Projects				
a. Big Bend Unit 3 Flue Gas Desulfurization Integration	\$735,696	\$735,696	\$0	0.0%
b. Big Bend Units 1 & 2 Flue Gas Conditioning	415,503	415,503	0	0.0%
c. Big Bend Unit 4 Continuous Emissions Monitors	83,239	83,239	0	0.0%
d. Big Bend Fuel Oil Tank # 1 Upgrade	53,818	53,818	0	0.0%
e. Big Bend Fuel Oil Tank # 2 Upgrade	88,515	88,515	0	0.0%
f. Phillips Upgrade Tank # 1 for FDEP	31,318	31,318	0	0.0%
g. Phillips Upgrade Tank # 4 for FDEP	49,049	49,049	0	0.0%
h. Big Bend Unit 1 Classifier Replacement	132,351	132,351	0	0.0%
i. Big Bend Unit 2 Classifier Replacement	95,423	95,423	0	0.0%
j. Big Bend Section 114 Mercury Testing Platform	13,770	13,770	0	0.0%
k. Big Bend Units 1 & 2 FGD	8,843,702	8,843,462	240	0.0%
l. Big Bend FGD Optimization and Utilization	2,400,129	2,400,129	0	0.0%
m. Big Bend NO _x Emissions Reduction	790,395	790,395	0	0.0%
n. Big Bend PM Minimization and Monitoring	1,124,513	1,101,472	23,041	2.1%
o. Polk NO _x Emissions Reduction	183,237	183,237	0	0.0%
p. Big Bend Unit 4 SOFA	318,119	318,119	0	0.0%
q. Big Bend Unit 1 Pre-SCR	222,824	222,824	0	0.0%
r. Big Bend Unit 2 Pre-SCR	211,090	211,090	0	0.0%
s. Big Bend Unit 3 Pre-SCR	374,972	374,972	0	0.0%
t. Big Bend Unit 1 SCR	12,544,301	12,544,301	0	0.0%
u. Big Bend Unit 2 SCR	13,351,737	13,355,306	(3,569)	0.0%
v. Big Bend Unit 3 SCR	11,103,232	11,105,329	(2,097)	0.0%
w. Big Bend Unit 4 SCR	8,363,075	8,363,075	0	0.0%
x. Big Bend FGD System Reliability	2,948,198	2,977,349	(29,151)	-1.0%
y. Clean Air Mercury Rule	174,891	174,891	0	0.0%
z. SO ₂ Emissions Allowances	(4,421)	(4,419)	(2)	0.0%
2. Total Investment Projects - Recoverable Costs	\$64,648,676	\$64,660,214	(\$11,538)	0.0%
3. Recoverable Costs Allocated to Energy	\$64,425,976	\$64,437,514	(\$11,538)	0.0%
4. Recoverable Costs Allocated to Demand	\$222,700	\$222,700	\$0	0.0%

Notes:

Column (1) is the End of Period Totals on Form 42-7A.
 Column (2) is the approved projected amount in accordance with FPSC Order No. PSC-12-0613-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 Final True-Up Amount for the Period
 January 2012 to December 2012

Capital Investment Projects- Recoverable Costs

(in Dollars)

Line	Description (A)	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total	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 4 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. Phillips Upgrade Tank # 1 for FDEP	31,318	0	0	0	0	0	0	0	0	0	0	0	31,318		31,318
	g. Phillips 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	8,085	8,055	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	738,811	738,287	739,416	741,944	739,519	737,235	734,916	732,606	730,262	727,888	8,843,702		8,843,702
	l. Big Bend FGD Optimization and Utilization	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		2,400,129
	m. Big Bend NO _x 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	91,179	92,850	96,251	98,608	105,902	1,124,513		1,124,513
	o. Polk NO _x Emissions Reduction	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		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	31,873	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 1 SCR	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		12,544,301
	u. Big Bend Unit 2 SCR	1,145,697	1,142,804	1,143,659	1,127,987	1,108,686	1,106,047	1,103,287	1,100,451	1,097,617	1,094,728	1,091,835	1,088,939	13,351,737		13,351,737
	v. Big Bend Unit 3 SCR	963,647	961,328	958,943	958,693	958,440	958,187	957,934	957,681	957,428	957,175	956,922	956,669	11,103,232		11,103,232
	w. Big Bend Unit 4 SCR	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		8,363,075
	x. Big Bend FGD System Reliability	201,270	214,239	223,186	229,421	236,123	241,059	243,110	270,142	272,162	272,422	272,616	272,448	2,948,198		2,948,198
	y. Clean Air Mercury Rule	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		174,891
	z. SO ₂ Emissions Allowances (B)	(373)	(372)	(371)	(370)	(370)	(369)	(369)	(367)	(366)	(365)	(365)	(364)	(4,421)		(4,421)
2.	Total Investment Projects - Recoverable Costs	5,566,537	5,485,112	5,484,974	5,419,353	5,352,220	5,348,397	5,336,609	5,350,683	5,340,823	5,330,890	5,319,810	5,313,268	64,648,676	\$ 222,700	\$ 64,425,976
3.	Recoverable Costs Allocated to Energy	5,474,110	5,473,089	5,472,986	5,407,401	5,340,305	5,336,517	5,324,766	5,338,876	5,329,053	5,319,156	5,308,112	5,301,605	64,425,976		64,425,976
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903			
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	5,316,687	5,330,933	5,321,650	5,310,116	5,298,018	5,290,420	64,312,207		
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	\$5,328,480	\$5,342,691	\$5,333,371	\$5,321,801	\$5,309,667	\$5,302,034	\$64,533,975		

Notes:

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

¹ Subject to Baseline Analytics

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Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
 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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP) (G)		47,957	34,499	74,851	104,389	78,220	37,817	31,690	100,812	88,972	313,273	179,326	699,951	1,791,756
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)	(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	60,224	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	60,224	735,696
b.	Recoverable Costs Allocated to Demand	0	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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	0.9978903	
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	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)	62,102	61,935	61,761	61,618	61,448	61,301	61,132	60,967	60,806	60,622	60,443	60,264	60,089	734,399
13.	Retail Demand-Related Recoverable Costs (F)	0	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	\$61,132	\$60,967	\$60,806	\$60,622	\$60,443	\$60,264	\$60,089	\$734,399

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 - Project Specifics collecting AFUDC, not in CWIP and not in-service. Tracking purposes only.

† Subject to Baseline Analytics

Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
 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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$5,017,734	\$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)	(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	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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	34,494	34,339	34,186	34,019	33,855	33,692	414,769
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	\$34,494	\$34,339	\$34,186	\$34,019	\$33,855	\$33,692	\$414,769

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

Subject to Baseline Analytics

Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Cleanings 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	\$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	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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	6,915	6,893	6,870	6,846	6,823	6,799	83,092
13.	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14.	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$7,045	\$7,024	\$7,000	\$6,981	\$6,958	\$6,938	\$6,915	\$6,893	\$6,870	\$6,846	\$6,823	\$6,799	\$83,092

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

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Cleanings 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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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 Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Cleanings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	\$818,401	
3.	Less: Accumulated Depreciation	(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	
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. 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)		7,500	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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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 Final True-Up Amount for the Period
January 2012 to December 2012

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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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		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	0.9979870	0.9982619	0.9982101	0.9985125	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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 Final True-Up Amount for the Period
January 2012 to December 2012

Form 42-8A
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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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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 Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257	\$1,316,257
3.	Less: Accumulated Depreciation (605,912)	(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)	(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	\$59,637
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	10,991	10,949	10,908	10,862	10,816	10,772	132,118
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	\$10,991	\$10,949	\$10,908	\$10,862	\$10,816	\$10,772	\$132,118

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 Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794	\$984,794
3.	Less: Accumulated Depreciation	(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	\$21,480	\$18,444	\$15,408	\$12,372	\$9,336	\$6,300	\$3,264	\$2,228	\$1,192	\$1,156	\$1,120	\$8,084	\$8,084
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	
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	7,926	7,896	7,867	7,835	7,804	7,773	95,255
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	\$7,926	\$7,896	\$7,867	\$7,835	\$7,804	\$7,773	\$95,255

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 Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$120,737	\$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)	
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	
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	
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	1,129	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	1,129	13,770
b.	Recoverable Costs Allocated to Demand	0	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	0.9984627	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	1,141	1,139	1,136	1,133	1,129	13,746
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	\$1,141	\$1,139	\$1,136	\$1,133	\$1,129	\$13,746

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 Final True-Up Amount for the Period
January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		(\$26,750)	\$298	\$106,835	\$43,064	\$18,764	(\$11,932)	\$10,137	\$4,589	\$6,047	\$5,479	\$1,253	\$114	\$157,900
b.	Clearings to Plant		(26,750)	298	214,237	43,064	652,334	(11,932)	10,137	4,589	6,047	2,510	1,253	114	895,902
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC (excl from CWIP)(G)		84,105	129,676	22,752	30,377	9,108	1,462	8,162	1,863	8,384	225,589	42,969	417,238	981,686
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	\$89,265,223	\$89,269,812	\$89,275,860	\$89,278,370	\$89,279,623	\$89,279,737	
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)	(38,742,467)	(38,987,959)	(39,233,468)	(39,478,984)	(39,724,503)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	2,969	2,969	2,969	
5.	Net Investment (Lines 2 + 3 + 4)	\$51,594,065	\$51,324,260	\$51,081,576	\$51,052,831	\$50,852,322	\$51,260,965	\$51,003,550	\$50,768,235	\$50,527,346	\$50,287,901	\$50,047,871	\$49,803,608	\$49,558,204	
6.	Average Net Investment		51,459,163	51,202,918	51,067,203	50,952,576	51,056,644	51,132,257	50,885,892	50,647,790	50,407,623	50,167,886	49,925,740	49,680,906	
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	369,720	367,990	366,245	364,503	362,744	360,965	\$4,421,787
b.	Debt Component Grossed Up For Taxes (C)		125,749	125,123	124,791	124,511	124,765	124,950	124,348	123,766	123,179	122,594	122,002	121,404	1,487,182
8.	Investment Expenses														
a.	Depreciation (D)		243,056	242,982	242,983	243,572	243,690	245,484	245,451	245,479	245,492	245,509	245,516	245,519	2,934,733
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	739,519	737,235	734,916	732,606	730,262	727,888	8,843,702
a.	Recoverable Costs Allocated to Energy		742,690	740,128	738,811	738,287	739,416	741,944	739,519	737,235	734,916	732,606	730,262	727,888	8,843,702
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	738,397	736,138	733,895	731,361	728,873	726,352	8,828,100
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	\$738,397	\$736,138	\$733,895	\$731,361	\$728,873	\$726,352	\$8,828,100

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 - Project Specifics collecting AFUDC, not in CWIP and not in-service. Tracking purposes only.

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Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737	\$21,739,737
3.	Less: Accumulated Depreciation	(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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	199,488	199,055	198,636	198,135	197,656	197,176	2,395,893
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	\$199,488	\$199,055	\$198,636	\$198,135	\$197,656	\$197,176	\$2,395,893

Notes:

- (A) Applicable depreciable base for Big Bend; accounts 312.45 (\$21,699,919) and 311.45 (\$39,818)
- (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 2.5% and 2.0%
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
January 2012 to December 2012

Form 42-8A
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Return on Capital Investments, Depreciation and Taxes
 For Project: Big Bend NO_x Emissions Reduction
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852	\$3,190,852
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	0.9979870	0.9982619	0.9982101	0.9985125	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	65,717	65,620	65,528	65,409	65,297	65,184	789,000
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	\$65,717	\$65,620	\$65,528	\$65,409	\$65,297	\$65,184	\$789,000

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

Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$1,841	\$0	\$0	\$0	\$0	\$0	\$166,052	\$230,531	\$522,749	\$15,458	\$1,539,477	\$2,476,107
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	166,052	396,583	919,332	934,789	2,474,266	
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	6,752,543	6,956,779	7,453,233	7,442,395	8,955,577	
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	6,682,664	6,854,661	7,205,006	7,447,814	8,198,986	
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	48,554	49,804	52,349	54,113	59,571	\$605,376
b.	Debt Component Grossed Up For Taxes (C)		16,573	16,511	16,449	16,384	16,320	16,256	16,192	16,330	16,751	17,607	18,200	20,036	203,609
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	91,179	92,850	96,251	98,608	105,902	1,124,513
a.	Recoverable Costs Allocated to Energy		92,137	91,890	91,650	91,394	91,139	90,884	90,629	91,179	92,850	96,251	98,608	105,902	1,124,513
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	90,491	91,043	92,721	96,087	98,420	105,679	1,122,522
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	\$90,491	\$91,043	\$92,721	\$96,087	\$98,420	\$105,679	\$1,122,522

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 Final True-Up Amount for the Period
January 2012 to December 2012

Return on Capital Investments, Depreciation and Taxes
For Project: Polk NO_x Emissions Reduction
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473	\$1,561,473
3.	Less: Accumulated Depreciation	(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)	(470,970)
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.	Net Investment (Lines 2 + 3 + 4)	\$1,143,591	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	2,778	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	15,421	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	15,421	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	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	15,225	15,182	15,142	15,094	15,047	15,001	182,912
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	\$15,225	\$15,182	\$15,142	\$15,094	\$15,047	\$15,001	\$15,001	\$182,912

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 Final True-Up Amount for the Period
January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	\$2,558,730	
3.	Less: Accumulated Depreciation	(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)	
4.	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5.	Net Investment (Lines 2 + 3 + 4)	\$2,109,880	\$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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	26,439	26,378	26,318	26,247	26,181	26,113	317,558
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	\$26,439	\$26,378	\$26,318	\$26,247	\$26,181	\$26,113	\$317,558

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 Final True-Up Amount for the Period
January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Cleanings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121	\$1,649,121
3.	Less: Accumulated Depreciation	(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	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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	18,514	18,461	18,409	18,351	18,293	18,236	222,429
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	\$18,514	\$18,461	\$18,409	\$18,351	\$18,293	\$18,236	\$222,429

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 Final True-Up Amount for the Period
January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	\$1,581,887	
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	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	17,330	211,090
b.	Recoverable Costs Allocated to Demand	0	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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	0.9978903	
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	0.9958152	
12.	Retail Energy-Related Recoverable Costs (E)	17,816	17,768	17,719	17,679	17,630	17,589	17,540	17,494	17,448	17,395	17,345	17,293	17,293	210,716
13.	Retail Demand-Related Recoverable Costs (F)	0	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	\$17,540	\$17,494	\$17,448	\$17,395	\$17,345	\$17,293	\$17,293	\$210,716

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 Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$2,706,507	\$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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	31,162	31,086	31,011	30,925	30,841	30,758	374,310
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	\$31,162	\$31,086	\$31,011	\$30,925	\$30,841	\$30,758	\$374,310

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 Final True-Up Amount for the Period
January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$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	Leas Accumulated Depreciation (G)	(3,886,991)	(3,990,353)	(4,293,715)	(4,597,077)	(7,965,677)	(8,269,039)	(8,572,401)	(8,875,783)	(9,179,125)	(9,482,487)	(9,785,849)	(10,089,211)	(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	552,080	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	0.9984827	0.9985123	0.9986106	0.9983004	0.9980984	0.9978903	
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	1,033,834	1,030,724	1,027,884	1,024,625	1,021,478	1,018,325	12,522,138
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	\$1,033,834	\$1,030,724	\$1,027,884	\$1,024,625	\$1,021,478	\$1,018,325	\$12,522,138

Notes:
 (A) Applicable depreciable base for Big Bend: account 311.41 (\$22,278,982), 312.41 (\$46,909,884), 315.41 (\$14,063,245), and 316.41 (\$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%, and 4.8%, 4.1%.
 (E) Line 9a x Line 10.
 (F) Line 9b x Line 11.
 (G) Line 3 Accumulated Depreciation - April - \$3,065,238 Reserve transfers per Order No. FPSC-12-0175-PAA-EI.

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Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
January 2012 to December 2012

Form 42-8A
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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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$436	\$0	\$772,962	\$98,362	\$25,341	\$27,734	\$526	\$11,874	\$1,030	\$651	\$22	\$0	\$938,938
b.	Cleanings to Plant		436	0	0	0	0	0	0	0	0	0	0	1,450,717	1,451,153
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	\$93,776,412
3.	Less: Accumulated Depreciation (G)	(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	1,437,140	1,449,014	1,450,044	1,450,695	1,450,717	0	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	\$82,756,115	\$82,469,654	\$82,172,349	\$81,874,665	\$81,576,352	\$81,278,017	
6.	Average Net Investment		87,273,006	86,974,890	87,063,035	85,448,934	83,461,022	83,189,224	82,905,019	82,612,884	82,321,001	82,023,507	81,725,508	81,427,184	
7.	Return on Average Net Investment														
a.	Equity Component Grossed Up For Taxes (B)		634,097	631,931	632,571	620,843	606,400	604,425	602,380	600,238	598,117	595,955	593,790	591,623	\$7,312,350
b.	Debt Component Grossed Up For Taxes (C)		213,268	212,538	212,753	208,809	203,951	203,287	202,592	201,878	201,165	200,438	199,710	198,981	2,459,368
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	1,103,287	1,100,451	1,097,617	1,094,728	1,091,835	1,088,939	13,351,737
a.	Recoverable Costs Allocated to Energy		1,145,697	1,142,804	1,143,659	1,127,987	1,108,686	1,106,047	1,103,287	1,100,451	1,097,617	1,094,728	1,091,835	1,088,939	13,351,737
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	1,101,613	1,098,814	1,096,092	1,092,867	1,089,759	1,086,642	13,328,152
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)		\$1,143,442	\$1,140,551	\$1,141,242	\$1,126,026	\$1,106,702	\$1,104,402	\$1,101,613	\$1,098,814	\$1,096,092	\$1,092,867	\$1,089,759	\$1,086,642	\$13,328,152

Notes:

- (A) Applicable depreciable base for Big Bend: account 311.42 (\$25,208,869), 312.42(\$51,694,500), 315.42 (\$15,914,427), and 316.42 (\$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
- (G) Line 3 Accumulated Depreciation - April - \$3,502,857 Reserve transfers per Order No. FPSC-12-0175-PAA-EI.

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$13,642	\$1,371	\$857	\$4,769	(\$22)	\$949	\$1,207	\$1,092	\$303	\$934	\$839	\$1,048	\$26,988
b.	Cleanings to Plant		1,888	0	0	0	0	0	0	0	0	0	0	0	1,888
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	\$80,165,087	\$80,165,087
3.	Less: Accumulated Depreciation (G)	(6,400,221)	(6,647,090)	(6,893,965)	(7,140,840)	(11,070,725)	(11,317,800)	(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	198,108	199,200	199,503	200,437	201,276	202,324	
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	\$68,551,845	\$68,306,062	\$68,059,490	\$67,813,549	\$67,567,513	\$67,321,686	
6.	Average Net Investment		73,823,588	73,584,223	73,338,461	71,252,895	69,166,889	68,920,477	68,674,679	68,428,954	68,182,776	67,936,520	67,690,531	67,444,599	
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	497,182	495,393	493,604	491,817	490,030	\$6,091,859
b.	Debt Component Grossed Up For Taxes (C)		180,400	179,815	179,215	174,118	169,021	168,419	167,818	167,218	166,616	166,014	165,413	164,812	2,048,879
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	911,275	908,884	906,493	904,105	901,717	11,103,232
a.	Recoverable Costs Allocated to Energy		963,647	961,328	958,943	938,693	918,440	916,047	913,660	911,275	908,884	906,493	904,105	901,717	11,103,232
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	912,274	909,919	907,621	904,952	902,386	899,815	11,083,608
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	\$912,274	\$909,919	\$907,621	\$904,952	\$902,386	\$899,815	\$11,083,608

Notes:

- (A) Applicable depreciable base for Big Bend, account 311.43 (\$21,689,422), 312.43 (\$43,960,028), 315.43 (\$13,690,954), and 316.43 (\$824,684)
- (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
- (G) Line 3 Accumulated Depreciation - April - \$3,683,010 Reserve transfers per Order No. FPSC-12-0175-PAA-EI.

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Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
 January 2012 to December 2012

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

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$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 (G)	(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	
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	0
10.	Energy Jurisdictional Factor		0.9980321	0.9980282	0.9978870	0.9982619	0.9982101	0.9985125	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	686,684	684,958	683,281	681,325	679,444	677,558	8,348,294
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	\$686,684	\$684,958	\$683,281	\$681,325	\$679,444	\$677,558	\$8,348,294

Notes:

- (A) Applicable depreciable base for Big Bend: account 311.44 (\$16,857,250), 312.44 (\$34,665,822), 315.44 (\$10,642,027), and 316.44 (\$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
- (G) Line 3 Accumulated Depreciation - April - \$2,938,803 Reserve transfers per Order No. FPSC-12-0175-PAA-EI.

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Tampa Electric Company
Environmental Cost Recovery Clause (ECRC)
Calculation of the Final True-Up Amount for the Period
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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$1,402,139	\$1,318,903	\$573,415	\$760,272	\$669,701	\$396,532	\$75,402	\$322,266	\$56,388	\$74,973	\$34,920	\$17,778	\$5,702,688
b.	Cleanings to Plant		0	0	0	0	0	0	12,222,753	322,266	56,388	74,973	34,920	17,778	12,729,078
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	\$23,788,782	\$24,111,048	\$24,167,436	\$24,242,409	\$24,277,329	\$24,295,107	
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)	(1,318,989)	(1,369,828)	(1,420,784)	(1,471,896)	(1,523,081)	
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	22,519,960	22,792,059	22,797,608	22,821,625	22,805,433	22,772,026	
6.	Average Net Investment		18,185,235	19,521,053	20,442,509	21,084,649	21,774,933	22,283,346	22,494,610	22,656,009	22,794,833	22,809,616	22,813,529	22,788,729	
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	163,438	164,611	165,620	165,727	165,755	165,575	\$1,886,521
b.	Debt Component Grossed Up For Taxes (C)		44,439	47,703	49,955	51,524	53,211	54,453	54,969	55,364	55,703	55,739	55,749	55,688	634,497
8.	Investment Expenses														
a.	Depreciation (D)		24,703	24,703	24,703	24,703	24,703	24,703	24,703	50,167	50,839	50,956	51,112	51,185	427,180
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	243,110	270,142	272,162	272,422	272,616	272,448	2,948,198
a.	Recoverable Costs Allocated to Energy		201,270	214,239	223,186	229,421	236,123	241,059	243,110	270,142	272,162	272,422	272,616	272,448	2,948,198
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	242,741	269,740	271,784	271,959	272,098	271,873	2,943,022
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	\$242,741	\$269,740	\$271,784	\$271,959	\$272,098	\$271,873	\$2,943,022

Notes:

- (A) Applicable depreciable base for Big Bend, account 312.45 (\$22,838,898) and 312.44 (\$1,456,209)
- (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% and 3.0%.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
 January 2012 to December 2012

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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	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2.	Plant-in-Service/Depreciation Base (A)	\$1,169,053	\$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)	
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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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	14,534	14,500	14,467	14,427	14,390	14,351	174,583
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	\$14,534	\$14,500	\$14,467	\$14,427	\$14,390	\$14,351	\$174,583

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 Final True-Up Amount for the Period
January 2012 to December 2012

Form 42-8A
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For Project: SO₂ Emissions Allowances
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January	Actual February	Actual March	Actual April	Actual May	Actual June	Actual July	Actual August	Actual September	Actual October	Actual November	Actual December	End of Period Total
1.	Investments														
	a. Purchases/Transfers		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Sales/Transfers		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Auction Proceeds/Other		0	0	0	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)	(37,879)	(37,770)	(37,662)	(37,570)	(37,518)	(37,445)	
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>(38,045)</u>	<u>(37,970)</u>	<u>(37,879)</u>	<u>(37,770)</u>	<u>(37,662)</u>	<u>(37,570)</u>	<u>(37,518)</u>	<u>(37,445)</u>
4.	Average Net Working Capital Balance		(\$38,412)	(\$38,328)	(\$38,232)	(\$38,143)	(\$38,075)	(\$38,007)	(\$37,924)	(\$37,824)	(\$37,716)	(\$37,616)	(\$37,544)	(\$37,482)	
5.	Return on Average Net Working Capital Balance														
	a. Equity Component Grossed Up For Taxes (A)		(279)	(278)	(278)	(277)	(277)	(276)	(276)	(275)	(274)	(273)	(273)	(272)	(3,308)
	b. Debt Component Grossed Up For Taxes (B)		(94)	(94)	(93)	(93)	(93)	(93)	(93)	(92)	(92)	(92)	(92)	(92)	(1,113)
6.	Total Return Component (C)		<u>(373)</u>	<u>(372)</u>	<u>(371)</u>	<u>(370)</u>	<u>(370)</u>	<u>(369)</u>	<u>(369)</u>	<u>(367)</u>	<u>(366)</u>	<u>(365)</u>	<u>(365)</u>	<u>(364)</u>	<u>(4,421)</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 ₂ Allowance Expense		(43)	(114)	(114)	(81)	(45)	(63)	98	184	28	(25)	12	(14)	(177)
8.	Net Expenses (D)		<u>(43)</u>	<u>(114)</u>	<u>(114)</u>	<u>(1,051)</u>	<u>(45)</u>	<u>(63)</u>	<u>98</u>	<u>184</u>	<u>28</u>	<u>(25)</u>	<u>12</u>	<u>(14)</u>	<u>(1,147)</u>
9.	Total System Recoverable Expenses (Lines 6 + 8)		(416)	(486)	(485)	(1,421)	(415)	(432)	(271)	(183)	(338)	(390)	(353)	(378)	(5,568)
	a. Recoverable Costs Allocated to Energy		(416)	(486)	(485)	(1,421)	(415)	(432)	(271)	(183)	(338)	(390)	(353)	(378)	(5,568)
	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	0.9984827	0.9985123	0.9986108	0.9983004	0.9980984	0.9978903	
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)	(431)	(271)	(183)	(338)	(389)	(352)	(377)	(5,558)
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>(\$431)</u>	<u>(\$271)</u>	<u>(\$183)</u>	<u>(\$338)</u>	<u>(\$389)</u>	<u>(\$352)</u>	<u>(\$377)</u>	<u>(\$5,558)</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 6A and 7A
- (D) Line 8 is reported on Schedules 4A and 5A
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

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

Tampa Electric Company
 Environmental Cost Recovery Clause (ECRC)
 Calculation of the Final True-Up Amount for the Period
January 2012 to December 2012

Form 42 - 9A

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>
Total	<u>\$ 3,437,611</u>	<u>100.00%</u>		<u>8.2879%</u>

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>
Total	<u>\$ 3,025,516</u>	Total	<u>100.00%</u>

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
Total Equity Component	<u>8.7188%</u>

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>
Total Debt Component	<u>2.9324%</u>

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)