



Matthew R. Bernier  
Sr. Counsel  
Duke Energy Florida, Inc.

April 1, 2014

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

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

Dear Ms. Stauffer:

Please find attached for electronic filing on behalf of Duke Energy Florida, Inc. ("DEF"), DEF's 2013 Final True-Up Report in the above docket. The filing includes the filing:

- DEF's Petition for Approval of Environmental Cost Recovery Final True-Up for the Period January 2013 to December 2013;
- Pre-filed Direct Testimony of Thomas G. Foster and Exhibit Nos. \_\_\_\_ (TGF-1) and (TGF-2);
- Pre-filed Direct Testimony of Patricia Q. West and Exhibit No. \_\_\_\_ (PQW-1);
- Pre-filed Direct Testimony of Mark Hellstern;
- Pre-filed Direct Testimony of Corey Zeigler; and
- Pre-filed Direct Testimony of Jeffrey Swartz.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1428 should you have any questions concerning this filing.

Respectfully,

s/Matthew R. Bernier  
Matthew R. Bernier  
Sr. Counsel  
[Matthew.Bernier@duke-energy.com](mailto:Matthew.Bernier@duke-energy.com)

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 1<sup>st</sup> day of April, 2014.

\_\_\_\_\_  
s/Matthew R. Bernier

Attorney

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**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Environmental Cost Recovery Clause

Docket No. 140007-EI

Filed: April 1, 2014

**DUKE ENERGY FLORIDA'S PETITION FOR APPROVAL OF ENVIRONMENTAL COST RECOVERY FINAL TRUE-UP FOR THE PERIOD JANUARY 2013 TO DECEMBER 2013**

Duke Energy Florida, Inc. ("DEF" or "the Company"), hereby petitions for approval of DEF's final end-of-the period Environmental Cost Recovery Clause (ECRC) True-Up amount of an under-recovery of \$13,759,174 and an over-recovery of \$3,807,998 as the adjusted net true-up for the period January 2013 through December 2013. In support of this Petition, DEF states:

1. The actual end-of-period ECRC true-up under-recovery amount of \$13,759,174 for the period January 2013 through December 2013 was calculated in accordance with the methodology set forth in Form 42-2A of Exhibit No. \_\_ (TGF-1) accompanying the direct testimony of DEF witness Thomas G. Foster, which is being filed together with this Petition and incorporated herein. Additional cost information for specific ECRC programs for the period January 2013 through December 2013 are presented in the direct testimony of Mark Hellstern, Jeffrey Swartz, Patricia Q. West and Corey Zeigler filed with this Petition and incorporated herein.

2. In Order No. PSC-13-0606-FOF-EI, the Commission approved an under-recovery of \$17,567,172 as the estimated/actual ECRC true-up for the period January 2013 through December 2013.

3. As reflected on Form 42-1A of Exhibit No. \_\_ (TGF-1) to Mr. Foster's testimony, the adjusted net true-up for the period January 2013 through December 2013 is an over-recovery of \$3,807,998 which is the difference of the actual true-up under-recovery of \$13,759,174 and the estimated/actual true-up under-recovery of \$17,567,172.

WHEREFORE, Duke Energy Florida, Inc., respectfully requests that the Commission approve the Company's final end-of-the period Environmental Cost Recovery True-Up amount of an under-recovery amount of 13,759,174 and an over-recovery of \$3,807,998 as the adjusted net true-up for the period January 2013 through December 2013.

RESPECTFULLY SUBMITTED this 1<sup>st</sup> day of April, 2014.

By: s/Matthew R. Bernier  
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION  
DIRECT TESTIMONY OF  
THOMAS G. FOSTER  
ON BEHALF OF  
DUKE ENERGY FLORIDA  
DOCKET NO. 140007-EI  
April 1, 2014

**Q. Please state your name and business address.**

A. My name is Thomas G. Foster. My business address is 299 First Avenue North, St. Petersburg, FL 33701.

**Q. By whom are you employed and in what capacity?**

A. I am employed by Duke Energy Business Services, LLC, as Director, Rates and Regulatory Planning.

**Q. What are your responsibilities in that position?**

A. I am responsible for regulatory planning and cost recovery for Duke Energy Florida (DEF). These responsibilities include: regulatory financial reports and analysis of state, federal and local regulations and their impact on DEF. In this capacity, I am also responsible for DEF's True-up, Estimated/Actual, and Projection filings in the Environmental Cost Recovery Clause (ECRC).

1 **Q. Please describe your educational background and professional experience.**

2 A. I joined DEF on October 31, 2005 as a Senior Financial Analyst in the Regulatory  
3 group. In that capacity I supported the preparation of testimony and exhibits  
4 associated with various dockets. In late 2008, I was promoted to Supervisor  
5 Regulatory Planning. In 2012, following the merger with Duke Energy, I was  
6 promoted to my current position. Prior to working at DEF, I was the Supervisor in  
7 the Fixed Asset group at Eckerd Drug. In this role I was primarily responsible for  
8 ensuring proper accounting for all fixed assets in addition to various other  
9 accounting responsibilities. I have six years of experience related to the operation  
10 and maintenance of power plants obtained while serving in the United States Navy  
11 as a Nuclear operator. I received a Bachelor of Science degree in Nuclear  
12 Engineering Technology from Thomas Edison State College. I received a Masters  
13 of Business Administration with a focus on finance from the University of South  
14 Florida and I am a Certified Public Accountant in the State of Florida.

15

16 **Q. Have you previously filed testimony before this Commission in connection**  
17 **with DEF's ECRC?**

18 A. Yes.

19

20 **Q. What is the purpose of your testimony?**

21 A. The purpose of my testimony is to present for Commission review and approval  
22 DEF's actual true-up costs associated with environmental compliance activities for  
23 the period January 2013 through December 2013.

24

1 **Q. Are you sponsoring any exhibits in support of your testimony?**

2 A. Yes. I am sponsoring Exhibit No.\_\_\_\_ TGF-1, that consists of nine forms and  
3 Exhibit No.\_\_\_\_ TGF-2 that provides details of five capital projects by site.

4

5 Exhibit No.\_\_\_\_ TGF-1 consists of the following:

- 6 • Form 42-1A is the final true-up for the period January 2013 through  
7 December 2013.
- 8 • Form 42-2A is the final true-up calculation for the period.
- 9 • Form 42-3A is the calculation of the interest provision for the period.
- 10 • Form 42-4A is the calculation of variances between actual and  
11 estimated/actual costs for O&M Activities.
- 12 • Form 42-5A is a summary of actual monthly costs for the period for O&M  
13 Activities.
- 14 • Form 42-6A is the calculation of variances between actual and  
15 estimated/actual costs for Capital Investment Projects.
- 16 • Form 42-7A is a summary of actual monthly costs for the period for Capital  
17 Investment Projects.
- 18 • Form 42-8A, pages 1 through 19, is the calculation of return on capital  
19 investment, depreciation expense and property tax expense for each project  
20 recovered through the ECRC.
- 21 • Form 42-9A is DEF's capital structure and cost rates.

22

23 Exhibit No.\_\_\_\_ TGF-2 consists of detailed support for the following capital  
24 projects:

- 1           • Pipeline Integrity Management (Capital Program Detail (CPD), pages 2  
2           through 3)
- 3           • Above Ground Storage Tank Secondary Containment (CPD, pages 4  
4           through 9)
- 5           • Clean Air Interstate Rule (CAIR) Combustion Turbines (CTs)(CPD, pages  
6           10 through 13)
- 7           • CAIR-Crystal River Units 4 & 5 (CPD, pages 14 through 23)
- 8           • Thermal Discharge Permanent Cooling Tower (CPD, page 24)

9           These exhibits are true and accurate.

10

11   **Q.    What is the source of the data that you will present in testimony and exhibits**  
12   **in this proceeding?**

13   A.    The actual data is taken from the books and records of DEF. The books and  
14   records are kept in the regular course of DEF's business in accordance with  
15   generally accepted accounting principles and practices, and provisions of the  
16   Uniform System of Accounts as prescribed by Federal Energy Regulatory  
17   Commission and any accounting rules and orders established by this Commission.

18

19   **Q.    What is the final true-up amount DEF is requesting for the period January**  
20   **2013 through December 2013?**

21   A.    DEF requests approval of an under-recovery amount of \$13,759,174 for the  
22   calendar period ending December 31, 2013. This amount is shown on Form 42-1A,  
23   Line 1.

24



1 **Q. What is the net true-up amount DEF is requesting for the period January 2013**  
2 **through December 2013 to be applied in the calculation of the environmental**  
3 **cost recovery factors to be refunded/recovered in the next projection period?**

4 A. DEF requests approval of an over-recovery of \$3,807,998 reflected on Line 3 of  
5 Form 42-1A, as the adjusted net true-up amount for the period January 2013  
6 through December 2013. This amount is the difference between an actual under-  
7 recovery amount of \$13,759,174 and an actual/estimated under-recovery of  
8 \$17,567,172, as approved in Order PSC-13-0606-FOF-EI, for the period January  
9 2013 through December 2013.

10  
11 **Q. Are all costs listed in Forms 42-1A through 42-8A attributable to**  
12 **environmental compliance projects approved by the Commission?**

13 A. Yes.

14  
15 **Q. How did actual O&M expenditures for January 2013 through December 2013**  
16 **compare with DEF's estimated/actual projections as presented in previous**  
17 **testimony and exhibits?**

18 A. Form 42-4A shows a total O&M project variance of \$5,468,111 lower than  
19 projected. Individual O&M project variances are on Form 42-4A. Explanations  
20 associated with variances are contained in the direct testimony of Mark Hellstern,  
21 Jeffrey Swartz, Patricia Q. West and Corey Zeigler.

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23

1    **Q.    How did actual capital recoverable expenditures for January 2013 through**  
2           **December 2013 compare with DEF’s estimated/actual projections as presented**  
3           **in previous testimony and exhibits?**

4    A.    Form 42-6A shows a total capital investment recoverable cost variance of \$107,475  
5           higher than projected. Individual project variances are on Form 42-6A. Return on  
6           capital investment, depreciation and property taxes for each project for the period  
7           are provided on Form 42-8A, pages 1 through 19. Explanations associated with  
8           variances are contained in the direct testimony of Mr. Hellstern, Mr. Swartz and  
9           Ms. West.

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

12   A.    Yes.

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Docket No. 140007-EI

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-1)

Page 1 of 28

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Commission Forms 42-1A Through 42-9A**

**January 2013 - December 2013**  
**Final True-Up**  
**Docket No. 140007-EI**

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**  
**(in Dollars)**

Form 42-1A

Docket No. 140007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-1)  
Page 2 of 28

<u>Line</u>	<u>Period Amount</u>
1 Over/(Under) Recovery for the Period January 2013 through December 2013 (Form 42-2A, Line 5 + 6 + 10)	\$ (13,759,174)
2 Estimated/Actual True-Up Amount approved for the period January 2013 through December 2013 (Order No. PSC-13-0606-FOF-EI)	<u>(17,567,172)</u>
3 Final True-Up Amount to be Refunded/(Recovered) in the Period January 2013 to December 2013 (Lines 1 - 2)	<u>\$ 3,807,998</u>

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

Form 42-2A

Docket No. 140007-EI  
 Duke Energy Florida  
 Witness: T. G. Foster  
 Exh. No. \_\_\_ (TGF-1)  
 Page 3 of 28

**End-of-Period True-Up Amount**  
**(in Dollars)**

Line	Description	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	ECRC Revenues (net of Revenue Taxes)	\$12,724,956	\$12,575,407	\$12,399,033	\$13,063,519	\$14,671,872	\$16,250,130	\$17,387,818	\$16,987,695	\$18,077,096	\$16,529,701	\$14,350,802	\$12,782,102	\$177,800,130
2	True-Up Provision (Order No. PSC-12-0613-FOF-EI)	12,944,423	1,078,702	1,078,702	1,078,702	1,078,702	1,078,702	1,078,702	1,078,702	1,078,702	1,078,702	1,078,702	1,078,702	12,944,423
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	\$13,803,658	13,654,109	13,477,735	14,142,221	15,750,574	17,328,832	18,466,519	18,066,396	19,155,797	17,608,403	15,429,504	13,860,804	190,744,553
4	Jurisdictional ECRC Costs													
	a. O & M Activities (Form 42-5A, Line 9)	\$2,304,433	2,229,281	3,703,194	2,949,676	2,724,590	3,366,284	2,711,318	3,517,294	4,066,347	3,260,521	3,104,294	2,430,151	36,367,383
	b. Capital Investment Projects (Form 42-7A, Line 9)	12,976,132	13,905,945	13,898,389	13,890,180	13,878,143	13,866,870	14,081,675	14,320,896	14,287,300	14,260,186	14,253,766	14,567,339	168,186,823
	c. Other													0
	d. Total Jurisdictional ECRC Costs	\$15,280,565	16,135,226	17,601,583	16,839,856	16,602,733	17,233,154	16,792,993	17,838,190	18,353,647	17,520,707	17,358,060	16,997,490	204,554,206
5	Over/(Under) Recovery (Line 3 - Line 4d)	(\$1,476,907)	(2,481,117)	(4,123,848)	(2,697,635)	(852,160)	95,678	1,673,526	228,207	802,150	87,696	(1,928,556)	(3,136,687)	(13,809,653)
6	Interest Provision (Form 42-3A, Line 10) (A)	53,104	533	182	(155)	(304)	(326)	(336)	(342)	(370)	(322)	(502)	(683)	50,479
7	Beginning Balance True-Up & Interest Provision	12,944,423	10,441,918	6,882,631	1,680,263	(2,096,229)	(4,027,394)	(5,010,744)	(4,416,256)	(5,267,093)	(5,544,015)	(6,535,343)	(9,543,102)	12,944,423
	a. Deferred True-Up - January 2012 to December 2012 (Order No. PSC-13-0606-FOF-EI)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)	(2,001,164)
8	True-Up Collected/(Refunded) (see Line 2)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(1,078,702)	(12,944,423)
9	End of Period Total True-Up (Lines 5+6+7+8)	\$8,440,754	4,881,467	(\$320,901)	(\$4,097,393)	(\$6,028,558)	(\$7,011,908)	(\$6,417,420)	(\$7,268,257)	(\$7,545,179)	(\$8,536,507)	(\$11,544,266)	(\$15,760,338)	(\$15,760,338)
10	Adjustments to Period Total True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11	End of Period Total True-Up (Over/(Under) (Lines 9 + 10)	\$8,440,754	\$4,881,467	(\$320,901)	(\$4,097,393)	(\$6,028,558)	(\$7,011,908)	(\$6,417,420)	(\$7,268,257)	(\$7,545,179)	(\$8,536,507)	(\$11,544,266)	(\$15,760,338)	(\$15,760,338)

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

Form 42-3A

Docket No. 140007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
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**Interest Provision**  
**(in Dollars)**

End of  
Period  
Total

Line	Description	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Beginning True-Up Amount (Form 42-2A, Line 7 + 7a + 10)	\$10,943,259	\$8,440,754	\$4,881,467	(\$320,901)	(\$4,097,393)	(\$6,028,558)	(\$7,011,908)	(\$6,417,420)	(\$7,268,257)	(\$7,545,179)	(\$8,536,507)	(\$11,544,266)	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2A, Lines 5 + 8)	8,387,650	4,880,934	(321,083)	(4,097,238)	(6,028,254)	(7,011,582)	(6,417,084)	(7,267,915)	(7,544,809)	(8,536,185)	(11,543,764)	(15,759,655)	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	19,330,909	13,321,688	4,560,385	(4,418,138)	(10,125,647)	(13,040,140)	(13,428,992)	(13,685,335)	(14,813,066)	(16,081,363)	(20,080,271)	(27,303,921)	
4	Average True-Up Amount (Line 3 x 1/2)	9,665,455	6,660,844	2,280,193	(2,209,069)	(5,062,824)	(6,520,070)	(6,714,496)	(6,842,668)	(7,406,533)	(8,040,682)	(10,040,136)	(13,651,961)	
5	Interest Rate (Last Business Day of Prior Month)	0.05%	0.09%	0.10%	0.08%	0.08%	0.07%	0.06%	0.05%	0.06%	0.05%	0.05%	0.06%	
6	Interest Rate (Last Business Day of Current Month)	0.09%	0.10%	0.08%	0.08%	0.07%	0.06%	0.05%	0.06%	0.05%	0.05%	0.06%	0.06%	
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.14%	0.19%	0.18%	0.16%	0.15%	0.13%	0.11%	0.11%	0.11%	0.10%	0.11%	0.12%	
8	Average Interest Rate (Line 7 x 1/2)	0.070%	0.095%	0.090%	0.080%	0.075%	0.065%	0.055%	0.055%	0.055%	0.050%	0.055%	0.060%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.006%	0.008%	0.008%	0.007%	0.006%	0.005%	0.005%	0.005%	0.005%	0.004%	0.005%	0.005%	
10	Interest Provision for the Month (Line 4 x Line 9) (A)	\$53,104	\$533	\$182	(\$155)	(\$304)	(\$326)	(\$336)	(\$342)	(\$370)	(\$322)	(\$502)	(\$683)	<b>\$50,479</b>

(A) January 2013 interest provision includes \$52,524 of interest related to \$1,104,364 accounting adjustment to pipeline expenditures as shown on Form 42 8A p1 as explained on page 7 in the 8/1/13 direct testimony of Thomas G. Foster in Docket No. 130007-EI.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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

Line	Description of O&M Activities - System	(1) YTD Actual	(2) Estimated/ Actual	(3) Variance Amount	(4) Percent
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$2,476,267	\$2,662,426	(\$186,159)	-7%
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	990,296	1,242,730	(252,434)	-20%
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	112,373	107,721	4,652	4%
3	Pipeline Integrity Management - Bartow /Anclote Pipeline - Intm	400,456	372,042	28,414	8%
4	Above Ground Tank Secondary Containment	0	0	0	0%
5	SO2/NOx Emissions Allowances - Energy	3,515,211	3,555,724	(40,513)	-1%
6	Phase II Cooling Water Intake	0	0	0	0%
6.a	Phase II Cooling Water Intake 316(b) - Intm	0	0	0	0%
7.2	CAIR/CAMR - Peaking - Demand	109,766	115,168	(5,402)	-5%
7.4	CAIR/CAMR Crystal River - Base	15,785,174	17,480,437	(1,695,263)	-10%
7.4	CAIR/CAMR Crystal River - Energy	14,123,834	17,446,501	(3,322,667)	-19%
7.4	CAIR/CAMR Crystal River - A&G	196,565	195,722	843	0%
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	6,300	6,000	300	5%
7.5	Best Available Retrofit Technology (BART) - Energy	2,739	4,208	(1,469)	-35%
8	Arsenic Groundwater Standard - Base	8,108	21,018	(12,911)	-61%
9	Sea Turtle - Coastal Street Lighting - Distrib	0	600	(600)	-100%
11	Modular Cooling Towers - Base	0	0	0	0%
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0%
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0%
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0%
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0%
16	National Pollutant Discharge Elimination System (NPDES) - Energy	334,014	378,956	(44,942)	-12%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	106,757	197,852	(91,095)	-46%
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	0	0	0	0%
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	937,310	786,176	151,134	19%
2	Total O&M Activities - Recoverable Costs	\$39,105,170	\$44,573,281	(\$5,468,111)	-12%
3	Recoverable Costs Allocated to Energy	19,026,165	22,375,417	(3,499,217)	-16%
4	Recoverable Costs Allocated to Demand	\$20,079,005	\$22,197,864	(\$1,968,894)	-9%

Notes:

Column (1) - End of Period Totals on Form 42-5A  
Column (2) - 2013 Estimated/Actual Filing (8/1/13)  
Column (3) = Column (1) - Column (2)  
Column (4) = Column (3) / Column (2)





**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

**Variance Report of Capital Investment Activities**  
**(In Dollars)**

Line		(1)	(2)	(3)	(4)
		YTD Actual	Estimated/ Actual	Variance Amount	Percent
1	Description of Capital Investment Activities				
	3.x Pipeline Integrity Management - Bartow/Anclote Pipeline	(\$987,287)	(\$987,293)	\$6	0%
	4.x Above Ground Tank Secondary Containment	1,870,274	1,870,280	(6)	0%
	5 SO <sub>2</sub> /NO <sub>x</sub> Emissions Allowances	2,039,563	2,029,519	10,044	0%
	7.x CAIR/CAMR	167,136,897	167,158,995	(22,098)	0%
	7.5 Best Available Retrofit Technology (BART)	76	0	76	100%
	9 Sea Turtle - Coastal Street Lighting	1,316	1,327	(11)	-1%
	10.x Underground Storage Tanks	29,167	29,167	0	0%
	11 Modular Cooling Towers	0	0	0	0%
	11.1 Thermal Discharge Permanent Cooling Tower	7,619,563	7,618,532	1,031	0%
	16 National Pollutant Discharge Elimination System (NPDES)	222,118	272,280	(50,162)	-18%
	17x Mercury & Air Toxics Standards (MATS)	2,835,221	2,666,626	168,595	6%
2	Total Capital Investment Activities - Recoverable Costs	\$180,766,908	\$180,659,433	\$107,475	0%
3	Recoverable Costs Allocated to Energy	4,924,915	4,750,405	\$174,510	4%
4	Recoverable Costs Allocated to Demand	\$175,841,993	\$175,909,028	(\$67,035)	0%

Notes:

Column (1) - End of Period Totals on Form 42-7A  
Column (2) - 2013 Estimated/Actual Filing (8/1/13)  
Column (3) = Column (1) - Column (2)  
Column (4) = Column (3) / Column (2)



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: PIPELINE INTEGRITY MANAGEMENT - Bartow/Anclote Pipeline - Intermediate (Project 3.1)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions (A)		(\$1,104,364)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,104,364)
	b. Clearings to Plant		(1,104,364)	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$3,719,068	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704
3	Less: Accumulated Depreciation (A)	(847,311)	(579,965)	(585,609)	(591,253)	(596,897)	(602,541)	(608,185)	(613,829)	(619,473)	(625,117)	(630,761)	(636,405)	(642,049)	(642,049)
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)	\$2,871,757	\$2,034,739	\$2,029,095	\$2,023,451	\$2,017,807	\$2,012,163	\$2,006,519	\$2,000,875	\$1,995,231	\$1,989,587	\$1,983,943	\$1,978,299	\$1,972,655	
6	Average Net Investment														
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	Jul-Dec	2.25%										
	b. Equity Component Grossed Up For Taxes		7.80%		8.14%										
	c. Other														
			5,029	4,166	4,154	4,142	4,131	4,120	3,757	3,746	3,736	3,726	3,715	3,705	48,127
			15,943	13,204	13,168	13,131	13,094	13,058	13,592	13,553	13,515	13,478	13,438	13,401	162,575
			(930,968)	0	0	0	0	0	0	0	0	0	0	0	(930,968)
8	Investment Expenses														
	a. Depreciation (C)		5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	67,728
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	24,672
	e. Other (A)		(359,421)	0	0	0	0	0	0	0	0	0	0	0	(359,421)
9	Total System Recoverable Expenses (Lines 7 + 8)		(\$1,261,717)	\$25,070	\$25,022	\$24,973	\$24,925	\$24,878	\$25,049	\$24,999	\$24,951	\$24,904	\$24,853	\$24,806	(987,287)
	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		(\$1,261,717)	\$25,070	\$25,022	\$24,973	\$24,925	\$24,878	\$25,049	\$24,999	\$24,951	\$24,904	\$24,853	\$24,806	(987,287)
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703
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)		(917,306)	18,227	18,192	18,156	18,121	18,087	18,211	18,175	18,140	18,106	18,069	18,035	(717,787)
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		(\$917,306)	\$18,227	\$18,192	\$18,156	\$18,121	\$18,087	\$18,211	\$18,175	\$18,140	\$18,106	\$18,069	\$18,035	(\$717,787)

**Notes:**

- (A) Jan 2013 includes credits for the correction of prior period accounting adjustments as explained on page 7 of the 8/1/13 direct testimony of Thomas G. Foster in Docket No. 130007-EI.
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Peaking (Project 4.1)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	
3	Less: Accumulated Depreciation	(1,609,767)	(1,642,993)	(1,676,219)	(1,709,445)	(1,742,671)	(1,775,897)	(1,809,123)	(1,842,349)	(1,875,575)	(1,908,801)	(1,942,027)	(1,975,253)	(2,008,479)		
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)	\$9,692,037	\$9,658,811	\$9,625,585	\$9,592,359	\$9,559,133	\$9,525,907	\$9,492,681	\$9,459,455	\$9,426,229	\$9,393,003	\$9,359,777	\$9,326,551	\$9,293,325		
6	Average Net Investment		\$9,675,424	\$9,642,198	\$9,608,972	\$9,575,746	\$9,542,520	\$9,509,294	\$9,476,068	\$9,442,842	\$9,409,616	\$9,376,390	\$9,343,164	\$9,309,938		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	19,836	19,766	19,699	19,630	19,564	19,494	17,768	17,706	17,643	17,582	17,519	17,455	223,662
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%	62,874	62,660	62,441	62,228	62,010	61,795	64,280	64,054	63,829	63,604	63,377	63,152	756,304
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)		33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	398,712	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D)		10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	120,300	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$125,961	\$125,677	\$125,391	\$125,109	\$124,825	\$124,540	\$125,299	\$125,011	\$124,723	\$124,437	\$124,147	\$123,858	1,498,978	
	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		\$125,961	\$125,677	\$125,391	\$125,109	\$124,825	\$124,540	\$125,299	\$125,011	\$124,723	\$124,437	\$124,147	\$123,858	1,498,978	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924		
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)		120,827	120,554	120,280	120,010	119,737	119,464	120,192	119,916	119,639	119,365	119,087	118,810	1,437,880	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$120,827	\$120,554	\$120,280	\$120,010	\$119,737	\$119,464	\$120,192	\$119,916	\$119,639	\$119,365	\$119,087	\$118,810	\$1,437,880	

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

Form 42-8A  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Base (Project 4.2)**  
**(in Dollars)**

Docket No. 140007-E1  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-1)  
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Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total	
1	Investments														\$0	
	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	
3	Less: Accumulated Depreciation	(259,418)	(263,048)	(266,678)	(270,308)	(273,938)	(277,568)	(281,198)	(284,828)	(288,458)	(292,088)	(295,718)	(299,348)	(302,978)	(302,978)	
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)	\$2,622,544	\$2,618,914	\$2,615,284	\$2,611,654	\$2,608,024	\$2,604,394	\$2,600,764	\$2,597,134	\$2,593,504	\$2,589,874	\$2,586,244	\$2,582,614	\$2,578,984	\$2,578,984	
6	Average Net Investment		\$2,620,729	\$2,617,099	\$2,613,469	\$2,609,839	\$2,606,209	\$2,602,579	\$2,598,949	\$2,595,319	\$2,591,689	\$2,588,059	\$2,584,429	\$2,580,799	\$2,580,799	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	5,373	5,365	5,357	5,350	5,343	5,336	4,873	4,867	4,860	4,852	4,846	4,839	61,261
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%	17,030	17,007	16,983	16,960	16,937	16,913	17,629	17,605	17,581	17,556	17,531	17,507	207,239
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)		3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	43,560	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D)		2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	25,500	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$28,158	\$28,127	\$28,095	\$28,065	\$28,035	\$28,004	\$28,257	\$28,227	\$28,196	\$28,163	\$28,132	\$28,101	337,560	
	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		\$28,158	\$28,127	\$28,095	\$28,065	\$28,035	\$28,004	\$28,257	\$28,227	\$28,196	\$28,163	\$28,132	\$28,101	337,560	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
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)		26,155	26,126	26,096	26,068	26,040	26,012	26,247	26,219	26,190	26,159	26,130	26,102	313,543	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$26,155	\$26,126	\$26,096	\$26,068	\$26,040	\$26,012	\$26,247	\$26,219	\$26,190	\$26,159	\$26,130	\$26,102	\$313,543	

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-E1.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Fogarty  
Est. No. \_\_\_\_\_ (TFE-1)  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Intermediate (Project 4.3)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297
3	Less: Accumulated Depreciation	(41,286)	(41,811)	(42,336)	(42,861)	(43,386)	(43,911)	(44,436)	(44,961)	(45,486)	(46,011)	(46,536)	(47,061)	(47,586)	(47,586)
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)	<u>\$249,012</u>	<u>\$248,487</u>	<u>\$247,962</u>	<u>\$247,437</u>	<u>\$246,912</u>	<u>\$246,387</u>	<u>\$245,862</u>	<u>\$245,337</u>	<u>\$244,812</u>	<u>\$244,287</u>	<u>\$243,762</u>	<u>\$243,237</u>	<u>\$242,712</u>	
6	Average Net Investment		\$248,749	\$248,224	\$247,699	\$247,174	\$246,649	\$246,124	\$245,599	\$245,074	\$244,549	\$244,024	\$243,499	\$242,974	
7	Return on Average Net Investment (B)	Jan-Jun 2.46%													
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.25%	510	509	508	507	506	505	460	460	459	458	457	456	5,795
	b. Equity Component Grossed Up For Taxes	7.80%	1,616	1,613	1,610	1,606	1,603	1,599	1,666	1,662	1,659	1,655	1,652	1,648	19,589
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		171	171	171	171	171	171	171	171	171	171	171	171	2,052
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	\$2,822	\$2,818	\$2,814	\$2,809	\$2,805	\$2,800	\$2,822	\$2,818	\$2,814	\$2,809	\$2,805	\$2,800	\$2,800	33,736
	a. Recoverable Costs Allocated to Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand	\$2,822	\$2,818	\$2,814	\$2,809	\$2,805	\$2,800	\$2,822	\$2,818	\$2,814	\$2,809	\$2,805	\$2,800	\$2,800	33,736
10	Energy Jurisdictional Factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (F)	2,052	2,049	2,046	2,042	2,039	2,036	2,052	2,049	2,046	2,042	2,039	2,036	24,527	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	<u>\$2,052</u>	<u>\$2,049</u>	<u>\$2,046</u>	<u>\$2,042</u>	<u>\$2,039</u>	<u>\$2,036</u>	<u>\$2,052</u>	<u>\$2,049</u>	<u>\$2,046</u>	<u>\$2,042</u>	<u>\$2,039</u>	<u>\$2,036</u>	<u>\$24,527</u>	

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

Form 42-8A  
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Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
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**SO2 and NOx EMISSIONS ALLOWANCES - Energy (Project 5)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total	
1	Working Capital Dr (Cr)															
a. 1581001	SO <sub>2</sub> Emission Allowance Inventory	\$4,460,139	\$4,435,485	\$4,413,666	\$4,370,976	\$4,326,091	\$4,272,206	\$4,228,117	\$4,184,389	\$4,132,381	\$4,083,274	\$4,051,124	\$4,023,563	\$3,977,178	\$3,977,178	
b. 25401FL	Auctioned SO <sub>2</sub> Allowance	(\$1,044,746)	(\$1,005,283)	(\$965,820)	(\$926,358)	(\$887,293)	(\$847,790)	(\$808,288)	(\$768,785)	(\$729,282)	(\$689,779)	(\$650,276)	(\$610,773)	(\$571,270)	(\$571,270)	
c. 1581002	NO <sub>x</sub> Emission Allowance Inventory	\$17,960,403	\$17,770,291	\$17,600,440	\$17,353,434	\$17,114,309	\$16,773,929	\$16,440,962	\$16,098,805	\$15,694,307	\$15,322,502	\$14,984,043	\$14,737,075	\$14,454,118	14,454,118	
c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Total Working Capital	\$21,375,797	\$21,200,494	\$21,048,286	\$20,798,053	\$20,553,107	\$20,198,345	\$19,860,792	\$19,514,409	\$19,097,407	\$18,715,997	\$18,384,892	\$18,149,865	\$17,860,026	\$17,860,026	
3	Average Net Investment		\$21,288,145	\$21,124,390	\$20,923,169	\$20,675,580	\$20,375,726	\$20,029,568	\$19,687,600	\$19,305,908	\$18,906,702	\$18,550,444	\$18,267,379	\$18,004,946		
4	Return on Average Net Working Capital Balance (A)	Jan-Jun	Jul-Dec													
a. Debt Component (Line 3 x 2.95% x 1/12)		2.46%	2.25%	43,641	43,305	42,892	42,385	41,770	41,061	36,914	36,199	35,450	34,782	34,251	33,759	466,409
b. Equity Component Grossed Up For Taxes		7.80%	8.14%	138,340	137,276	135,968	134,359	132,410	130,161	133,548	130,959	128,251	125,834	123,914	122,134	1,573,154
5	Total Return Component (B)															
			\$181,981	\$180,581	\$178,860	\$176,744	\$174,180	\$171,222	\$170,462	\$167,158	\$163,701	\$160,616	\$158,165	\$155,893	2,039,563	
6	Expense Dr (Cr)															
a. 5090001	SO <sub>2</sub> Allowance Expense		\$24,654	\$21,820	\$42,689	\$44,885	\$53,885	\$44,089	\$43,728	\$52,007	\$49,107	\$32,150	\$27,561	\$46,385	482,961	
b. 4074004	Amortization Expense		(\$39,463)	(\$39,463)	(\$39,463)	(\$39,624)	(\$39,503)	(\$39,503)	(\$39,503)	(\$39,503)	(\$39,503)	(\$39,503)	(\$39,503)	(\$39,503)	(474,035)	
c. 5090003	NO <sub>x</sub> Allowance Expense		\$190,112	\$169,851	\$247,006	\$239,125	\$340,380	\$332,967	\$342,157	\$404,497	\$371,806	\$338,458	\$246,968	\$282,957	3,506,285	
d. Other			0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Net Expense (C)		175,303	152,208	250,233	244,386	354,763	337,553	346,383	417,002	381,410	331,106	235,026	289,839	3,515,211	
8	Total System Recoverable Expenses (Lines 5 + 7)		\$357,284	\$332,789	\$429,093	\$421,130	\$528,943	\$508,775	\$516,845	\$584,160	\$545,111	\$491,722	\$393,191	\$445,732	5,554,774	
a. Recoverable Costs Allocated to Energy			357,284	332,789	429,093	421,130	528,943	508,775	516,845	584,160	545,111	491,722	393,191	445,732	5,554,774	
b. Recoverable Costs Allocated to Demand			0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Energy Jurisdictional Factor		0.95540	0.97400	0.96990	0.96580	0.95680	0.96480	0.95340	0.96420	0.95690	0.95650	0.95440	0.96480		
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Retail Energy-Related Recoverable Costs (D)		\$341,350	\$324,136	\$416,177	\$406,727	\$506,092	\$490,866	\$492,760	\$563,247	\$521,617	\$470,332	\$375,262	\$430,042	5,338,608	
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 341,350	\$ 324,136	\$ 416,177	\$ 406,727	\$ 506,092	\$ 490,866	\$ 492,760	\$ 563,247	\$ 521,617	\$ 470,332	\$ 375,262	\$ 430,042	\$ 5,338,608	

**Notes:**

- (A) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (B) Line 5 is reported on Capital Schedule
- (C) Line 7 is reported on O&M Schedule
- (D) Line 8a x Line 9
- (E) Line 8b x Line 10

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

Form 42-BA  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: CAIR/CAMR - Peaking (Project 7.2 - CT Emission Monitoring Systems)**  
**(In Dollars)**

Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_\_\_(TOP-1)  
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Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	
3	Less: Accumulated Depreciation	(\$218,616)	(222,166)	(225,716)	(229,266)	(232,816)	(236,366)	(239,916)	(243,466)	(247,016)	(250,566)	(254,116)	(257,666)	(261,216)	
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)	\$1,717,492	\$1,713,942	\$1,710,392	\$1,706,842	\$1,703,292	\$1,699,742	\$1,696,192	\$1,692,642	\$1,689,092	\$1,685,542	\$1,681,992	\$1,678,442	\$1,674,892	
6	Average Net Investment		\$1,715,717	\$1,712,167	\$1,708,617	\$1,705,067	\$1,701,517	\$1,697,967	\$1,694,417	\$1,690,867	\$1,687,317	\$1,683,767	\$1,680,217	\$1,676,667	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	3,518	3,510	3,502	3,496	3,487	3,481	3,178	3,172	3,163	3,157	3,150	3,145
	b. Equity Component Crossed Up For Taxes	7.80%	8.14%	11,150	11,127	11,102	11,081	11,057	11,034	11,492	11,471	11,446	11,422	11,398	11,373
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	42,600
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	18,384
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	\$19,750	\$19,719	\$19,686	\$19,659	\$19,626	\$19,597	\$19,572	\$19,752	\$19,725	\$19,691	\$19,661	\$19,630	\$19,600	236,096
	a. Recoverable Costs Allocated to Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand	\$19,750	\$19,719	\$19,686	\$19,659	\$19,626	\$19,597	\$19,752	\$19,725	\$19,691	\$19,661	\$19,630	\$19,600	\$19,600	236,096
10	Energy Jurisdictional Factor	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (F)	18,945	18,915	18,884	18,858	18,836	18,798	18,947	18,947	18,921	18,888	18,860	18,830	18,801	226,473
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$18,945	\$18,915	\$18,884	\$18,858	\$18,836	\$18,798	\$18,947	\$18,921	\$18,888	\$18,860	\$18,830	\$18,801	\$18,801	\$226,473

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

Form 42 8A  
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Return on Capital Investments, Depreciation and Taxes  
For Project: CAMR - Crystal River - Base (Project 7.3 - Continuous Mercury Monitoring Systems)  
(in Dollars)

Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_ (TFE-1)  
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Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions (A)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$289,107)
	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	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	0
5	Net Investment (Lines 2 + 3 + 4)	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	289,107	50
6	Average Net Investment		\$289,107	\$289,107	\$289,107	\$289,107	\$289,107	\$289,107	\$289,107	\$289,107	\$289,107	\$289,107	\$289,107	\$144,554	
7	Return on Average Net Investment (B)	Jan-Jun 2.46%													
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.25%	593	593	593	593	593	593	542	542	542	542	542	271	6,539
	b. Equity Component Grossed Up For Taxes	7.80%	1,879	1,879	1,879	1,879	1,879	1,879	1,961	1,961	1,961	1,961	1,961	981	22,060
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.1000%		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.008850		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)		\$2,472	\$2,472	\$2,472	\$2,472	\$2,472	\$2,472	\$2,503	\$2,503	\$2,503	\$2,503	\$2,503	\$1,252	28,599
	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		\$2,472	\$2,472	\$2,472	\$2,472	\$2,472	\$2,472	\$2,503	\$2,503	\$2,503	\$2,503	\$2,503	\$1,252	28,599
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
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)		2,296	2,296	2,296	2,296	2,296	2,296	2,325	2,325	2,325	2,325	2,325	1,163	26,564
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,296	\$2,296	\$2,296	\$2,296	\$2,296	\$2,296	\$2,325	\$2,325	\$2,325	\$2,325	\$2,325	\$1,163	\$26,564

**Notes:**

- (A) Dec 13 credit due to transfer of Continuous Mercury Monitoring (CMMS) expenditures to Mercury & Air Toxics Standards (MATS) projects 17 and 17.2 as explained in the 8/1/13 direct testimony of Patricia West in Docket No. 130007-EI.
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River FGD and SCR)**  
**(in Dollars)**  
**(CAIR Projects in Service by Year End 2013)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$1,131,696	\$2,055,854	\$1,807,500	\$1,230,750	\$1,134,506	\$883,407	\$658,175	\$446,088	\$309,990	\$92,253	\$510,958	\$958,709	\$11,219,886
	b. Clearings to Plant		(8,376)	192,576	(213)	2,271,965	(59,231)	37,562	15,076,698	446,088	309,990	92,253	510,958	958,709	
	c. Retirements		638,571	0	0	0	0	0	4,604	0	0	0	0	0	
	d. Other (A)		80,367	0	0	0	0	0	0	0	0	0	0	0	80,367
2	Plant-in-Service/Depreciation Base	\$1,249,372,865	1,248,725,918	1,248,918,494	1,248,918,281	1,251,190,245	1,251,131,014	1,251,168,576	1,266,240,670	1,266,686,759	1,266,996,748	1,267,089,002	1,267,599,960	1,268,558,669	
3	Less: Accumulated Depreciation	(90,948,236)	(92,557,167)	(94,886,135)	(97,215,104)	(99,546,410)	(101,879,929)	(104,213,512)	(106,562,606)	(108,927,530)	(111,293,513)	(113,659,856)	(116,027,250)	(118,396,618)	
4	CWIP - AFUDC-Interest Bearing	8,609,093	9,749,165	11,612,443	13,420,155	12,378,941	13,572,679	14,418,523	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$1,167,033,723</u>	<u>\$1,165,917,916</u>	<u>\$1,165,644,801</u>	<u>\$1,165,123,332</u>	<u>\$1,164,022,777</u>	<u>\$1,162,823,764</u>	<u>\$1,161,373,587</u>	<u>\$1,159,678,065</u>	<u>\$1,157,759,229</u>	<u>\$1,155,703,236</u>	<u>\$1,153,429,146</u>	<u>\$1,151,572,711</u>	<u>\$1,150,162,052</u>	
6	Average Net Investment		\$1,166,475,819	\$1,165,781,359	\$1,165,384,067	\$1,164,573,054	\$1,163,423,270	\$1,162,098,675	\$1,160,525,826	\$1,158,718,647	\$1,156,731,233	\$1,154,566,191	\$1,152,500,928	\$1,150,867,381	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,869,895	2,868,186	2,867,209	2,865,214	2,862,385	2,859,126	2,855,256	2,850,810	2,845,920	2,840,594	2,835,512	2,831,493	34,251,600
	b. Equity Component Grossed Up For Taxes	8.02%	7,799,269	7,794,625	7,791,969	7,786,546	7,778,859	7,770,002	7,759,486	7,747,403	7,734,114	7,719,639	7,705,830	7,694,908	93,082,650
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		2,327,870	2,328,968	2,328,969	2,331,306	2,333,519	2,333,583	2,349,094	2,364,924	2,365,983	2,366,343	2,367,394	2,369,368	28,167,321
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		920,935	921,077	921,077	922,752	922,709	922,736	933,851	934,181	934,409	934,477	934,854	935,561	11,138,619
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$13,917,969	\$13,912,856	\$13,909,224	\$13,905,818	\$13,897,472	\$13,885,447	\$13,897,687	\$13,897,318	\$13,880,426	\$13,861,053	\$13,843,590	\$13,831,330	166,640,190
	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		\$13,917,969	\$13,912,856	\$13,909,224	\$13,905,818	\$13,897,472	\$13,885,447	\$13,897,687	\$13,897,318	\$13,880,426	\$13,861,053	\$13,843,590	\$13,831,330	166,640,190
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
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)		12,927,706	12,922,956	12,919,583	12,916,419	12,908,667	12,897,497	12,908,867	12,908,524	12,892,834	12,874,839	12,858,619	12,847,231	154,783,740
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$12,927,706</u>	<u>\$12,922,956</u>	<u>\$12,919,583</u>	<u>\$12,916,419</u>	<u>\$12,908,667</u>	<u>\$12,897,497</u>	<u>\$12,908,867</u>	<u>\$12,908,524</u>	<u>\$12,892,834</u>	<u>\$12,874,839</u>	<u>\$12,858,619</u>	<u>\$12,847,231</u>	<u>\$154,783,740</u>

**Notes:**

- (A) \$80,367 is cost of removal associated with retirements.
- (B) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.
- (C) Depreciation calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property taxes calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River FGD and SCR)**  
**(in Dollars)**  
**(CAIR Projects NOT in Service by Year End 2013)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$121,461	\$428,404	\$299,685	\$38,998	(\$33,262)	\$139,947	\$413,566	\$355,842	\$255,546	\$304,306	\$282,668	\$380,223	\$2,987,382	
	b. Clearings to Plant		0	0	0	639,317	(101,923)	123,604	0	0	0	9,327	7,531	618,493		
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	639,317	537,394	660,998	660,998	660,998	660,998	670,325	677,856	1,296,349		
3	Less: Accumulated Depreciation	0	0	0	0	(658)	(1,764)	(3,125)	(4,486)	(5,847)	(7,208)	(8,579)	(9,975)	(11,754)		
4	CWIP - AFUDC-Interest Bearing	278,772	400,233	828,637	1,128,322	528,003	596,664	613,006	1,026,572	1,382,414	1,637,960	1,932,939	2,208,076	1,969,805		
5	Net Investment (Lines 2 + 3 + 4)	\$278,772	\$400,233	\$828,637	\$1,128,322	\$1,166,662	\$1,132,294	\$1,270,880	\$1,683,084	\$2,037,565	\$2,291,750	\$2,594,685	\$2,875,957	\$3,254,401		
6	Average Net Investment		\$339,502	\$614,435	\$978,479	\$1,147,492	\$1,149,478	\$1,201,587	\$1,476,982	\$1,860,324	\$2,164,657	\$2,443,217	\$2,735,321	\$3,065,179		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	696	1,260	2,006	2,352	2,356	2,463	2,769	3,488	4,059	4,581	5,129	5,747	36,906
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%	2,206	3,993	6,359	7,457	7,470	7,808	10,019	12,619	14,684	16,573	18,555	20,792	128,535
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C)		0	0	0	658	1,106	1,361	1,361	1,361	1,361	1,371	1,396	1,779	11,754	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D)		0	0	0	471	396	487	487	487	487	494	499	955	4,763	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,902	\$5,253	\$8,365	\$10,938	\$11,328	\$12,119	\$14,636	\$17,955	\$20,591	\$23,019	\$25,579	\$29,273	181,958	
	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		\$2,902	\$5,253	\$8,365	\$10,938	\$11,328	\$12,119	\$14,636	\$17,955	\$20,591	\$23,019	\$25,579	\$29,273	181,958	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
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)		2,696	4,879	7,770	10,160	10,522	11,257	13,595	16,678	19,126	21,381	23,759	27,190	169,011	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,696	\$4,879	\$7,770	\$10,160	\$10,522	\$11,257	\$13,595	\$16,678	\$19,126	\$21,381	\$23,759	\$27,190	\$169,011	

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property taxes calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Current Period Estimated/Actual Amount**  
**January 2013 through December 2013**

Form 42-8a  
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Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
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**Schedule of Amortization and Return**  
**For Project: CAIR/CAMR - Energy (Project 7.4 - Reagents and By-Products)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Working Capital Dr (Cr)														
	a. 1544001 Ammonia Inventory	\$25,282	\$65,442	\$61,308	\$23,683	\$22,088	\$114,310	\$46,056	\$49,337	\$69,411	\$69,744	\$46,939	\$35,099	\$6,128	6,128
	b. 1544004 Limestone Inventory	745,847	593,971	473,229	456,555	331,240	427,309	474,582	467,639	349,658	390,839	324,623	363,704	353,044	353,044
2	Total Working Capital	\$771,129	659,412	534,537	480,239	353,328	541,619	520,638	516,975	419,070	460,583	371,563	398,803	359,173	359,173
3	Average Net Investment		715,271	596,975	507,388	416,783	447,473	531,128	518,807	468,022	439,826	416,073	385,183	378,988	
4	Return on Average Net Working Capital Balance (A)														
	a. Debt Component (Line 3 x 2.95% x 1/12)	Jan-Jun 2.46%	Jul-Dec 2.25%												
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%												
5	Total Return Component (B)		4,648	3,879	3,297	2,708	2,908	3,452	3,519	3,175	2,983	2,822	2,613	2,571	38,576
			6,114	5,103	4,337	3,563	3,825	4,540	4,492	4,052	3,808	3,602	3,335	3,281	50,055
6	Expense Dr (Cr)														
	a. 5020011 Ammonia Expense		216,455	234,662	223,804	328,375	334,021	400,615	251,532	265,379	283,306	258,349	226,304	171,955	3,194,757
	b. 5020012 Limestone Expense		478,327	581,455	479,167	784,704	594,381	513,075	501,395	570,691	408,051	528,231	232,015	199,301	5,870,793
	c. 5020013 Dibasic Acid Expense		0	6,913	0	0	0	0	0	0	0	0	0	0	6,913
	d. 5020003 Gypsum Disposal/Sale		89,403	(105,512)	66,147	133,257	86,491	381,476	63,172	311,025	622,809	363,703	276,350	384,296	2,672,617
	e. 5020014 Bottom/Fly Ash Reagents Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. 50200015 Hydrated Lime Expense		127,507	127,629	103,117	192,301	238,686	219,967	208,651	247,825	245,210	280,083	212,823	130,190	2,333,989
	g. 50200016 Caustic Expense		0	0	0	0	0	0	0	0	0	21,053	18,176	5,536	44,765
7	Net Expense (C)		911,692	845,147	872,234	1,438,638	1,253,579	1,515,133	1,024,750	1,394,919	1,559,376	1,451,419	965,668	891,278	14,123,834
8	Total System Recoverable Expenses (Lines 5 + 7)		\$917,807	\$850,250	\$876,572	\$1,442,201	\$1,257,404	\$1,519,674	\$1,029,242	\$1,398,971	\$1,563,184	\$1,455,022	\$969,003	\$894,559	\$14,173,889
	a. Recoverable Costs Allocated to Energy		917,807	850,250	876,572	1,442,201	1,257,404	1,519,674	1,029,242	1,398,971	1,563,184	1,455,022	969,003	894,559	14,173,889
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Energy Jurisdictional Factor		0.95540	0.97400	0.96990	0.96580	0.95680	0.96480	0.95340	0.96420	0.95690	0.95650	0.95440	0.96480	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (D)		876,872	828,144	850,187	1,392,878	1,203,084	1,466,181	981,280	1,348,888	1,495,811	1,391,728	924,817	863,071	13,622,940
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 876,872	\$ 828,144	\$ 850,187	\$ 1,392,878	\$ 1,203,084	\$ 1,466,181	\$ 981,280	\$ 1,348,888	\$ 1,495,811	\$ 1,391,728	\$ 924,817	\$ 863,071	\$ 13,622,940

**Notes:**

- (A) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (B) Line 5 is reported on Capital Schedule
- (C) Line 7 is reported on O&M Schedule
- (D) Line 8a x Line 9
- (E) Line 8b x Line 10

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
Page 19 of 28

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: BART (Project 7.5)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,345
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	12,345
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	12,345
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	(13)
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)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$12,332
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$6,166
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	Jul-Dec												
		2.46%	2.25%	0	0	0	0	0	0	0	0	0	0	0	12
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%	0	0	0	0	0	0	0	0	0	0	0	42
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.5600%		0	0	0	0	0	0	0	0	0	0	0	0	13
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.008850		0	0	0	0	0	0	0	0	0	0	0	0	9
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$76
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	76
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95540	0.97400	0.96990	0.96580	0.95680	0.96480	0.95340	0.96420	0.95690	0.95650	0.95440	0.96480	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	73
13	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$73

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
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DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: SEA TURTLE - COASTAL STREET LIGHTING - (Project 9)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions		(\$841)	\$0	\$0	\$37	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$920	\$116
	b. Clearings to Plant		0	0	0	205	0	0	0	0	0	0	0	920	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$10,199	10,199	10,199	10,199	10,404	10,404	10,404	10,404	10,404	10,404	10,404	10,404	11,324	
3	Less: Accumulated Depreciation	(1,636)	(1,662)	(1,688)	(1,714)	(1,741)	(1,768)	(1,795)	(1,822)	(1,849)	(1,876)	(1,903)	(1,930)	(1,959)	
4	CWIP - Non-Interest Bearing	1,009	168	168	168	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$9,572	\$8,705	\$8,679	\$8,653	\$8,663	\$8,636	\$8,609	\$8,582	\$8,555	\$8,528	\$8,501	\$8,474	\$9,365	
6	Average Net Investment		\$9,138	\$8,692	\$8,666	\$8,658	\$8,650	\$8,623	\$8,596	\$8,569	\$8,542	\$8,515	\$8,488	\$8,919	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	Jul-Dec	2.25%	19	18	18	18	18	16	16	16	16	206
	b. Equity Component Grossed Up For Taxes	7.80%	59	56	56	56	56	56	58	58	58	58	58	61	690
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.0658%	26	26	26	27	27	27	27	27	27	27	27	29	323
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.009210	8	8	8	8	8	8	8	8	8	8	8	9	97
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$112	\$108	\$108	\$109	\$109	\$109	\$109	\$109	\$109	\$109	\$109	\$116	1,316
	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		\$112	\$108	\$108	\$109	\$109	\$109	\$109	\$109	\$109	\$109	\$109	\$116	1,316
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - (Distribution)		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
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)		112	108	108	109	109	109	109	109	109	109	109	115	1,310
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$112	\$108	\$108	\$109	\$109	\$109	\$109	\$109	\$109	\$109	\$109	\$115	\$1,310

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
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Witness: T. G. Foster  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: UNDERGROUND STORAGE TANKS - Base (Project 10.1)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	
3	Less: Accumulated Depreciation	(24,688)	(24,984)	(25,280)	(25,576)	(25,872)	(26,168)	(26,464)	(26,760)	(27,056)	(27,352)	(27,648)	(27,944)	(28,240)	(28,240)	
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)	\$144,253	\$143,957	\$143,661	\$143,365	\$143,069	\$142,773	\$142,477	\$142,181	\$141,885	\$141,589	\$141,293	\$140,997	\$140,701		
6	Average Net Investment		\$144,105	\$143,809	\$143,513	\$143,217	\$142,921	\$142,625	\$142,329	\$142,033	\$141,737	\$141,441	\$141,145	\$140,849		
7	Return on Average Net Investment (B)															
	a. Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	2.25%	295	295	294	294	293	292	267	266	266	265	264	3,356
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%	936	935	933	931	929	927	965	963	961	959	957	955	11,351
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C) 2.1000%		296	296	296	296	296	296	296	296	296	296	296	296	3,552	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D) 0.008850		125	125	125	125	125	125	125	125	125	125	125	125	1,500	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,652	\$1,651	\$1,648	\$1,646	\$1,643	\$1,640	\$1,653	\$1,650	\$1,648	\$1,645	\$1,643	\$1,640	19,759	
	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		\$1,652	\$1,651	\$1,648	\$1,646	\$1,643	\$1,640	\$1,653	\$1,650	\$1,648	\$1,645	\$1,643	\$1,640	19,759	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
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)		1,534	1,534	1,531	1,529	1,526	1,523	1,535	1,533	1,531	1,528	1,526	1,523	18,353	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,534	\$1,534	\$1,531	\$1,529	\$1,526	\$1,523	\$1,535	\$1,533	\$1,531	\$1,528	\$1,526	\$1,523	\$18,353	

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
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Witness: T. G. Foster  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: UNDERGROUND STORAGE TANKS - Intermediate (10.2)**  
**(in Dollars)**

Line	Description	Beginning of Period	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	
3	Less: Accumulated Depreciation	(14,477)	(14,680)	(14,883)	(15,086)	(15,289)	(15,492)	(15,695)	(15,898)	(16,101)	(16,304)	(16,507)	(16,710)	(16,913)	
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)	\$61,529	\$61,326	\$61,123	\$60,920	\$60,717	\$60,514	\$60,311	\$60,108	\$59,905	\$59,702	\$59,499	\$59,296	\$59,093	
6	Average Net Investment		\$61,428	\$61,225	\$61,022	\$60,819	\$60,616	\$60,413	\$60,210	\$60,007	\$59,804	\$59,601	\$59,398	\$59,195	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	2.25%											
	b. Equity Component Grossed Up For Taxes	2.46%	126	126	125	125	124	124	113	113	112	112	111	111	1,422
	c. Other	7.80%	399	398	397	395	394	393	408	407	406	404	403	402	4,806
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.2000%		203	203	203	203	203	203	203	203	203	203	203	203	2,436
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.009730		62	62	62	62	62	62	62	62	62	62	62	62	744
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$790	\$789	\$787	\$785	\$783	\$782	\$786	\$785	\$783	\$781	\$779	\$778	9,408
	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		\$790	\$789	\$787	\$785	\$783	\$782	\$786	\$785	\$783	\$781	\$779	\$778	9,408
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
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)		574	574	572	571	569	569	571	571	569	568	566	566	6,840
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$574	\$574	\$572	\$571	\$569	\$569	\$571	\$571	\$569	\$568	\$566	\$566	\$6,840

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Return on Capital Investments, Depreciation and Taxes  
For Project: CRYSTAL RIVER THERMAL DISCHARGE COMPLIANCE PROJECT - AFUDC - Base (Project 11.1)  
(in Dollars)

Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_\_ (TGS-1)  
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Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions		(\$15,582)	\$1,629	\$10,477	\$10,976	\$0	\$66,993	\$15,627	\$7,866	(\$518)	\$0	\$0	\$0	\$97,469
	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 (A)		0	0	0	0	0	0	0	0	(\$11)	0	0	0	0
2	Regulatory Asset Balance	\$18,095,351	18,079,769	17,576,681	17,082,440	16,588,697	16,083,980	15,646,254	15,157,164	14,660,312	14,154,565	13,649,847	13,145,130	12,640,412	
3	Less: Accumulated Depreciation/Amortization	0	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	(504,718)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$18,095,351	\$17,575,052	\$17,071,963	\$16,577,722	\$16,083,980	\$15,579,262	\$15,141,536	\$14,652,446	\$14,155,594	\$13,649,847	\$13,145,130	\$12,640,412	\$12,135,694	
6	Average Net Investment		\$17,835,202	\$17,323,507	\$16,824,842	\$16,330,851	\$15,831,621	\$15,360,399	\$14,896,991	\$14,404,020	\$13,902,721	\$13,397,488	\$12,892,771	\$12,388,053	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	36,562	35,513	34,491	33,478	32,455	31,489	27,932	27,008	26,068	25,120	24,174	357,518
	b. Equity Component Crossed Up For Taxes	7.80%	8.14%	115,901	112,576	109,335	106,125	102,881	99,819	101,051	97,707	94,307	90,880	87,456	1,202,070
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (C)		504,718	504,718	504,718	504,718	504,718	504,718	504,718	504,718	504,718	504,718	504,718	504,718	6,056,615
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		280	280	280	280	280	280	280	280	280	280	280	280	3,360
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)	\$657,461	\$653,087	\$648,824	\$644,601	\$640,334	\$636,306	\$633,981	\$629,713	\$625,373	\$620,998	\$616,628	\$612,258	\$607,885	7,619,564
	a. Recoverable Costs Allocated to Demand (2012) (G)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand	\$657,461	\$653,087	\$648,824	\$644,601	\$640,334	\$636,306	\$633,981	\$629,713	\$625,373	\$620,998	\$616,628	\$612,258	\$607,885	7,619,564
10	Demand Jurisdictional Factor - Production (Base) (2012)	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	0.91688	
11	Demand Jurisdictional Factor - Production (Base)	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Demand-Related Recoverable Costs (2012) (F)	462,767	462,767	462,767	462,767	462,767	462,767	462,767	462,767	462,767	462,767	462,767	462,767	462,767	5,553,204
13	Retail Demand-Related Recoverable Costs (F)	141,875	137,813	133,853	129,930	125,967	122,226	120,066	116,102	112,070	108,007	103,948	99,889	95,744	1,451,744
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)	\$604,642	\$600,580	\$596,620	\$592,697	\$588,734	\$584,993	\$582,833	\$578,869	\$574,837	\$570,774	\$566,715	\$562,656	\$558,591	\$7,004,948

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Investment amortized over three years in accordance with Order No. PSC-13-0381-PAA-EI.
- (D) Property taxes calculated in CR Thermal Discharge Project section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) The cancellation of the POD projects spend associated with 2012 and prior activates are being jurisdictionalized using the 2012 Production Base Demand separation factor. The revenue requirements associated with the 2013 period are being jurisdictionalized using the 2013 Production Base Demand separation factor.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_\_ (TGF-1)  
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**Return on Capital Investments, Depreciation and Taxes**  
**For Project: NPDES - Intermediate (Project 16)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions		(\$8,818)	\$31,786	\$48,604	\$32,792	\$1,099,308	\$172,185	\$47,879	\$97,101	\$102,723	\$2,082,251	(\$141,796)	\$2,599,365	\$6,163,381
	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	670,160	661,342	693,128	741,732	774,524	1,873,832	2,046,017	2,093,896	2,190,997	2,293,720	4,375,972	4,234,176	6,833,541	
5	Net Investment (Lines 2 + 3 + 4)	\$670,160	\$661,342	\$693,128	\$741,732	\$774,524	\$1,873,832	\$2,046,017	\$2,093,896	\$2,190,997	\$2,293,720	\$4,375,972	\$4,234,176	\$6,833,541	
6	Average Net Investment		\$665,751	\$677,235	\$717,430	\$758,128	\$1,324,178	\$1,959,924	\$2,069,956	\$2,142,446	\$2,242,358	\$3,334,846	\$4,305,074	\$5,533,858	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)		2.46%	2.25%											
	b. Equity Component Grossed Up For Taxes		7.80%	8.14%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
			1,365	1,388	1,471	1,554	2,715	4,018	3,881	4,017	4,204	6,253	8,072	10,376	49,314
			4,326	4,401	4,662	4,927	8,605	12,736	14,041	14,533	15,211	22,621	29,203	37,538	172,804
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,691	\$5,789	\$6,133	\$6,481	\$11,320	\$16,754	\$17,922	\$18,550	\$19,415	\$28,874	\$37,275	\$47,914	222,118
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$5,691	\$5,789	\$6,133	\$6,481	\$11,320	\$16,754	\$17,922	\$18,550	\$19,415	\$28,874	\$37,275	\$47,914	222,118
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703
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)		4,138	4,209	4,459	4,712	8,230	12,181	13,030	13,486	14,115	20,992	27,100	34,835	161,486
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$4,138	\$4,209	\$4,459	\$4,712	\$8,230	\$12,181	\$13,030	\$13,486	\$14,115	\$20,992	\$27,100	\$34,835	\$161,486

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) N/A
- (D) N/A
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Return on Capital Investments, Depreciation and Taxes  
For Project: **MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 4 & 5 - Energy (Project 17)**  
(In Dollars)

Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. G. Foster  
Exh. No. \_\_\_\_ (TOP-1)  
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Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions		(\$2,086)	\$0	\$28,913	\$5,508	\$105	\$6,902	\$0	\$5,546	\$6,751	\$5,522	\$7,048	\$295,461	\$359,671
	b. Clearings to Plant		(2,086)	0	28,913	5,508	105	6,902	0	5,546	6,751	5,522	7,048	14,540	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$191,285	189,199	189,199	218,112	223,620	223,725	230,627	230,627	236,174	242,925	248,447	255,495	270,034	
3	Less: Accumulated Depreciation	(197)	(586)	(975)	(1,424)	(1,884)	(2,345)	(2,820)	(3,295)	(3,781)	(4,281)	(4,792)	(5,318)	(5,874)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	280,521	
5	Net Investment (Lines 2 + 3)	<u>\$191,088</u>	<u>\$188,613</u>	<u>\$188,224</u>	<u>\$216,688</u>	<u>\$221,736</u>	<u>\$221,380</u>	<u>\$227,807</u>	<u>\$227,332</u>	<u>\$232,393</u>	<u>\$238,644</u>	<u>\$243,655</u>	<u>\$250,177</u>	<u>\$545,082</u>	
6	Average Net Investment		\$189,851	\$188,419	\$202,456	\$219,212	\$221,558	\$224,594	\$227,570	\$229,863	\$235,518	\$241,149	\$246,916	\$397,629	
7	Return on Average Net Investment (B)	Jan-Jun 2.46%													
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.25%	389	386	415	449	454	460	427	431	442	452	463	746	5,514
	b. Equity Component Crossed Up For Taxes	7.80%	1,234	1,224	1,316	1,425	1,440	1,460	1,544	1,559	1,598	1,636	1,675	2,697	18,808
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.4700%		389	389	449	460	461	475	475	486	500	511	526	556	5,677
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (d) 0.8850%		140	140	161	165	165	170	170	174	179	183	188	199	2,034
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,152	\$2,139	\$2,341	\$2,499	\$2,520	\$2,565	\$2,616	\$2,650	\$2,719	\$2,782	\$2,852	\$4,198	32,033
	a. Recoverable Costs Allocated to Energy		2,152	2,139	2,341	2,499	2,520	2,565	2,616	2,650	2,719	2,782	2,852	4,198	32,033
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95540	0.97400	0.96990	0.96580	0.95680	0.96480	0.95340	0.96420	0.95690	0.95650	0.95440	0.96480	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (E)		2,056	2,083	2,271	2,414	2,411	2,475	2,494	2,555	2,602	2,661	2,722	4,050	30,794
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)		<u>\$2,056</u>	<u>\$2,083</u>	<u>\$2,271</u>	<u>\$2,414</u>	<u>\$2,411</u>	<u>\$2,475</u>	<u>\$2,494</u>	<u>\$2,555</u>	<u>\$2,602</u>	<u>\$2,661</u>	<u>\$2,722</u>	<u>\$4,050</u>	<u>\$30,794</u>

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Final True-up Amount**  
**January 2013 through December 2013**

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Return on Capital Investments, Depreciation and Taxes  
For Project: **MERCURY & AIR TOXIC STANDARDS (MATS) - ANCLOTE GAS CONVERSION - Energy (Project 17.1)**  
(In Dollars)

Docket No. 140007-EI  
DUKE ENERGY FLORIDA  
Witness: T. C. Foster  
Est. No. \_\_\_ (TF-1)  
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Line	Description	Beginning of Period Amount	Actual January 13	Actual February 13	Actual March 13	Actual April 13	Actual May 13	Actual June 13	Actual July 13	Actual August 13	Actual September 13	Actual October 13	Actual November 13	Actual December 13	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$5,622,200	\$3,525,385	\$3,358,841	\$6,734,666	\$4,029,155	\$6,946,456	\$6,895,732	\$8,848,933	\$7,530,314	\$7,257,035	\$6,934,929	\$6,251,215	\$73,934,860
	b. Clearings to Plant		0	0	0	0	0	0	37,388,738	8,498,895	(6,681,043)	2,765,342	(193,055)	56,480,542	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (A)		128,756	148,844	170,614	199,231	234,027	259,407	114,821	131,368	144,961	174,143	221,018	7,307	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	37,388,738	45,887,633	39,206,591	41,971,933	41,778,878	98,259,419	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	(33,840)	(116,904)	(187,874)	(263,850)	(339,477)	(467,047)	
4	CWIP - AFUDC Bearing	25,155,712	30,906,668	34,580,897	38,110,352	45,044,249	49,307,431	56,513,293	26,135,107	26,616,514	40,972,831	45,638,666	52,987,669	2,765,649	
5	Net Investment (Lines 2 + 3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,354,898	\$45,770,729	\$39,018,717	\$41,708,083	\$41,439,401	\$97,792,372	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$18,677,449	\$41,562,814	\$42,394,723	\$40,363,400	\$41,573,742	\$69,615,886	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	0	0	0	0	0	35,020	77,930	79,490	75,681	77,951	130,530	476,602
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%	0	0	0	0	0	126,695	281,935	287,578	273,799	282,009	472,228	1,724,244
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.1722%		0	0	0	0	0	0	33,840	83,064	70,970	75,976	75,627	127,570	467,047
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.007080		0	0	0	0	0	0	22,059	27,074	23,132	24,763	24,650	57,973	179,651
	e. Other (E)		0	0	0	0	0	0	(3,782)	(7,560)	(7,560)	(7,560)	(7,560)	(11,177)	(45,201)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$213,832	\$462,443	\$453,610	\$442,659	\$452,677	\$777,124	2,802,345
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	213,832	462,443	453,610	442,659	452,677	777,124	2,802,345
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95540	0.97400	0.96990	0.96580	0.95680	0.96480	0.95340	0.96420	0.95690	0.95650	0.95440	0.96480	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		0	0	0	0	0	0	203,867	445,888	434,059	423,403	432,035	749,769	2,689,021
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$203,867	\$445,888	\$434,059	\$423,403	\$432,035	\$749,769	\$2,689,021

**Notes:**

- (A) AFUDC rate reflected within Docket 130208-EI per Order PSC-13-0598-FOF-EI. (AFUDC Monthly Compound Rate) 0.5995%
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI. \$910,332 Dec 2013 Spend was for Unit 1 Conversion (non-FD fan), which should get the full month's depreciation.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 990007-EI, Order No. PSC-99-2513-FOF-EI.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2013 through December 2013**

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Return on Capital Investments, Depreciation and Taxes  
**For Project: MERCURY & AIR TOXIC STANDARDS (MATS) - CRYSTAL RIVER UNITS 1 & 2 - Energy (Project 17.2)**  
(in Dollars)

Docket No. 140007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-1)  
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Line	Description	Beginning of Period	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Estimated Jul-13	Estimated Aug-13	Estimated Sep-13	Estimated Oct-13	Estimated Nov-13	Estimated Dec-13	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$194,715
	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 (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	0	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	194,715
5	Net Investment (Lines 2 + 3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$194,715
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$97,357
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.46%	2.25%	0	0	0	0	0	0	0	0	0	0	0	183
	b. Equity Component Grossed Up For Taxes	7.80%	8.14%	0	0	0	0	0	0	0	0	0	0	0	660
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$843
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	843
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.95540	0.97400	0.96990	0.96580	0.95680	0.96480	0.95340	0.96420	0.95690	0.95650	0.95440	0.96480	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
12	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	813
13	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$813

**Notes:**

- (A) N/A
- (B) Jan - Jun 2013 Line 7 x 10.26% x 1/12. Jul - Dec 2013 Line 7 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.79% (Jan-Jun) or 5.00% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of Final True-Up Amount**  
**January 2013 through December 2013**

Form 42 9A

1.6280016 Inc Tax Multiplier  
38.575% Effective Tax Rate

Docket No. 140007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-1)  
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**Capital Structure and Cost Rates**

Class of Capital	Retail Amount	Staff Adjusted	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 2,916,026	\$ 2,945,782	46.74%	0.10500	4.908%	7.990%
PS	21,239	21,456	0.34%	0.04510	0.015%	0.025%
LTD	2,817,708	2,846,460	45.17%	0.06178	2.790%	2.790%
STD	41,245	41,666	0.66%	0.03720	0.025%	0.025%
CD-Active	144,119	145,590	2.31%	0.05950	0.137%	0.137%
CD-Inactive	1,457	1,472	0.02%	0.00000	0.000%	0.000%
ADIT	415,881	420,125	6.67%	0.00000	0.000%	0.000%
FAS 109	(122,914)	(124,168)	-1.97%	0.00000	0.000%	0.000%
ITC	3,857	3,896	0.06%	0.08360	0.005%	0.008%
<b>Total</b>	<b>\$ 6,238,618</b>	<b>\$ 6,302,278</b>	<b>100.00%</b>		<b>7.881%</b>	<b>10.976%</b>
				Total Debt	2.952%	2.952%
				Total Equity	4.928%	8.023%

Approved capital structure and cost rates in accordance with the 2010 Rate Case Order PSC-10-0131-FOF-EI.  
Staff 13-Month Average Capital Structure worksheet - Schedule 2 REVISED - handed out at 1/11/10 Rate Case Agenda - Docket No. 090079-EI.

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate	
CE	\$ 3,384,964	45.48%	0.10500	4.780%	7.782%	
PS	23,017	0.31%	0.04510	0.010%	0.016%	
LTD	3,010,543	40.45%	0.05730	2.320%	2.320%	
STD	20,229	0.27%	0.00650	0.000%	0.000%	
CD-Active	168,807	2.27%	0.06270	0.140%	0.140%	
CD-Inactive	882	0.01%	0.00000	0.000%	0.000%	
ADIT	976,720	13.12%	0.00000	0.000%	0.000%	
FAS 109	(145,373)	-1.95%	0.00000	0.000%	0.000%	
ITC	2,887	0.04%	0.08360	0.000%	0.000%	
<b>Total</b>	<b>\$ 7,442,678</b>	<b>100.00%</b>		<b>7.250%</b>	<b>10.258%</b>	
				Total Debt	2.460%	2.460%
				Total Equity	4.790%	7.798%

May 2012 DEF Surveillance Report capital structure and cost rates.  
Rates used for all ECRC projects except CAIR for January - June 2013 - See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket No. 120007-EI.

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate	
CE	\$ 3,951,603	47.50%	0.10500	4.990%	8.124%	
PS	17,874	0.21%	0.04488	0.010%	0.016%	
LTD	3,223,164	38.75%	0.05610	2.170%	2.170%	
STD	35,074	0.42%	0.01220	0.010%	0.010%	
CD-Active	182,636	2.20%	0.03210	0.070%	0.070%	
CD-Inactive	1,162	0.01%	0.00000	0.000%	0.000%	
ADIT	1,059,780	12.74%	0.00000	0.000%	0.000%	
FAS 109	(155,042)	-1.86%	0.00000	0.000%	0.000%	
ITC	2,091	0.03%	0.08224	0.000%	0.000%	
<b>Total</b>	<b>\$ 8,318,342</b>	<b>100.00%</b>		<b>7.250%</b>	<b>10.390%</b>	
				Total Debt	2.250%	2.250%
				Total Equity	5.000%	8.140%

May 2013 DEF Surveillance Report capital structure and cost rates.  
Rates used for all ECRC projects except CAIR for July - December 2013 - See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket No. 120007-EI.

Docket No. 140007-EI

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-2)

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**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Capital Program Detail**

**January 2013 - December 2013**  
**Final True-Up**  
**Docket No. 140007-EI**

**For Project: PIPELINE INTEGRITY MANAGEMENT - Alderman Road Fence (Project 3.1a)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952
3	Less: Accumulated Depreciation	(7,429)	(7,482)	(7,535)	(7,588)	(7,641)	(7,694)	(7,747)	(7,800)	(7,853)	(7,906)	(7,959)	(8,012)	(8,065)	(8,065)
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)	\$26,524	\$26,471	\$26,418	\$26,365	\$26,312	\$26,259	\$26,206	\$26,153	\$26,100	\$26,047	\$25,994	\$25,941	\$25,888	
6	Average Net Investment		26,497	26,444	26,391	26,338	26,285	26,232	26,179	26,126	26,073	26,020	25,967	25,914	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	2.25%	54	54	54	54	49	49	49	49	49	49	618
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	172	172	172	171	170	178	177	177	177	176	176	2,089
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation 1.8857%		53	53	53	53	53	53	53	53	53	53	53	53	636
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes 0.009439		27	27	27	27	27	27	27	27	27	27	27	27	324
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$306	\$306	\$306	\$305	\$305	\$304	\$307	\$306	\$306	\$306	\$305	\$305	\$3,667
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		\$306	\$306	\$306	\$305	\$305	\$304	\$307	\$306	\$306	\$306	\$305	\$305	\$3,667

**For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Leak Detection (Project 3.1b)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		(\$1,104,364)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,104,364)
b.	Clearings to Plant		(\$1,104,364)	\$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	\$2,640,636	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272	\$1,536,272
3	Less: Accumulated Depreciation	(726,527)	(456,812)	(460,087)	(463,362)	(466,637)	(469,912)	(473,187)	(476,462)	(479,737)	(483,012)	(486,287)	(489,562)	(492,837)	(492,837)
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)	\$1,914,109	\$1,079,460	\$1,076,185	\$1,072,910	\$1,069,635	\$1,066,360	\$1,063,085	\$1,059,810	\$1,056,535	\$1,053,260	\$1,049,985	\$1,046,710	\$1,043,435	
6	Average Net Investment		1,496,785	1,077,823	1,074,548	1,071,273	1,067,998	1,064,723	1,061,448	1,058,173	1,054,898	1,051,623	1,048,348	1,045,073	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	3,068	2,210	2,203	2,196	2,189	2,183	1,990	1,984	1,978	1,972	1,966	1,960	25,899
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	9,727	7,004	6,983	6,962	6,940	6,919	7,200	7,178	7,156	7,134	7,111	87,403
c.	Other		(930,968)	0	0	0	0	0	0	0	0	0	0	0	(930,968)
8	Investment Expenses														
a.	Depreciation 2.5579%		3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	39,300
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes 0.009439		1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	14,496
e.	Other		(359,421)	0	0	0	0	0	0	0	0	0	0	0	(359,421)
9	Total System Recoverable Expenses (Lines 7 + 8)		(\$1,273,111)	\$13,697	\$13,669	\$13,641	\$13,612	\$13,585	\$13,673	\$13,645	\$13,617	\$13,589	\$13,560	\$13,532	(\$1,123,291)
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		(\$1,273,111)	\$13,697	\$13,669	\$13,641	\$13,612	\$13,585	\$13,673	\$13,645	\$13,617	\$13,589	\$13,560	\$13,532	(\$1,123,291)

Note> Jan 2013, project 3.1a, includes credits for the correction of prior period adjustments as explained in the 8/1/13 direct testimony of Thomas G. Foster in Docket No. 130007-EI.  
 (A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.



**For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Controls Upgrade (Project 3.1c)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407
3	Less: Accumulated Depreciation	(108,628)	(110,566)	(112,504)	(114,442)	(116,380)	(118,318)	(120,256)	(122,194)	(124,132)	(126,070)	(128,008)	(129,946)	(131,884)	
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)	\$800,778	\$798,840	\$796,902	\$794,964	\$793,026	\$791,088	\$789,150	\$787,212	\$785,274	\$783,336	\$781,398	\$779,460	\$777,522	
6	Average Net Investment		799,809	797,871	795,933	793,995	792,057	790,119	788,181	786,243	784,305	782,367	780,429	778,491	
7	Return on Average Net Investment (A)														
		Jan-Jun	Jul-Dec												
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%												
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%												
c.	Other														
8	Investment Expenses														
a.	Depreciation		1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	23,256
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement	2.5579%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes		715	715	715	715	715	715	715	715	715	715	715	715	8,580
e.	Other	0.009439	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$9,491	\$9,474	\$9,457	\$9,441	\$9,424	\$9,408	\$9,392	\$9,375	\$9,358	\$9,342	\$9,325	\$9,309	\$113,307
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		\$9,491	\$9,474	\$9,457	\$9,441	\$9,424	\$9,408	\$9,392	\$9,375	\$9,358	\$9,342	\$9,325	\$9,309	\$113,307

**For Project: PIPELINE INTEGRITY MANAGEMENT - Control Room Management (Project 3.1d)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074
3	Less: Accumulated Depreciation	(4,728)	(5,106)	(5,484)	(5,862)	(6,240)	(6,618)	(6,996)	(7,374)	(7,752)	(8,130)	(8,508)	(8,886)	(9,264)	
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)	\$130,346	\$129,968	\$129,590	\$129,212	\$128,834	\$128,456	\$128,078	\$127,700	\$127,322	\$126,944	\$126,566	\$126,188	\$125,810	
6	Average Net Investment		130,157	129,779	129,401	129,023	128,645	128,267	127,889	127,511	127,133	126,755	126,377	125,999	
7	Return on Average Net Investment (A)														
		Jan-Jun	Jul-Dec												
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%												
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%												
c.	Other														
8	Investment Expenses														
a.	Depreciation		378	378	378	378	378	378	378	378	378	378	378	378	4,536
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement	3.3596%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes		106	106	106	106	106	106	106	106	106	106	106	106	1,272
e.	Other	0.009439	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,597	\$1,593	\$1,590	\$1,586	\$1,584	\$1,581	\$1,579	\$1,588	\$1,584	\$1,582	\$1,578	\$1,575	\$19,030
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		\$1,597	\$1,593	\$1,590	\$1,586	\$1,584	\$1,581	\$1,579	\$1,588	\$1,584	\$1,582	\$1,578	\$1,575	\$19,030

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.







**For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - DeBARY CTs (Project 4.1g)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904
3	Less: Accumulated Depreciation	(257,870)	(265,706)	(273,542)	(281,378)	(289,214)	(297,050)	(304,886)	(312,722)	(320,558)	(328,394)	(336,230)	(344,066)	(351,902)	(351,902)
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)	\$3,359,034	\$3,351,198	\$3,343,362	\$3,335,526	\$3,327,690	\$3,319,854	\$3,312,018	\$3,304,182	\$3,296,346	\$3,288,510	\$3,280,674	\$3,272,838	\$3,265,002	
6	Average Net Investment		3,355,116	3,347,280	3,339,444	3,331,608	3,323,772	3,315,936	3,308,100	3,300,264	3,292,428	3,284,592	3,276,756	3,268,920	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	Jul-Dec	2.25%										78,024
b.	Equity Component Grossed Up For Taxes		7.80%		8.14%										263,896
c.	Other														0
8	Investment Expenses														
a.	Depreciation	2.6000%	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	\$7,836	94,032
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.012040	3,629	3,629	3,629	3,629	3,629	3,629	3,629	3,629	3,629	3,629	3,629	3,629	43,548
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$40,146	\$40,079	\$40,012	\$39,945	\$39,878	\$39,811	\$40,108	\$40,040	\$39,972	\$39,905	\$39,836	\$39,768	\$479,500
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		\$40,146	\$40,079	\$40,012	\$39,945	\$39,878	\$39,811	\$40,108	\$40,040	\$39,972	\$39,905	\$39,836	\$39,768	\$479,500

**For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - University of Florida (Project 4.1h)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435
3	Less: Accumulated Depreciation	(45,882)	(46,123)	(46,364)	(46,605)	(46,846)	(47,087)	(47,328)	(47,569)	(47,810)	(48,051)	(48,292)	(48,533)	(48,774)	(48,774)
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)	\$95,552	\$95,311	\$95,070	\$94,829	\$94,588	\$94,347	\$94,106	\$93,865	\$93,624	\$93,383	\$93,142	\$92,901	\$92,660	
6	Average Net Investment		95,432	95,191	94,950	94,709	94,468	94,227	93,986	93,745	93,504	93,263	93,022	92,781	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	Jul-Dec	2.25%										2,217
b.	Equity Component Grossed Up For Taxes		7.80%		8.14%										7,498
c.	Other														0
8	Investment Expenses														
a.	Depreciation	2.0482%	241	241	241	241	241	241	241	241	241	241	241	241	2,892
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.012930	152	152	152	152	152	152	152	152	152	152	152	152	1,824
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,209	\$1,207	\$1,205	\$1,202	\$1,201	\$1,198	\$1,207	\$1,205	\$1,202	\$1,201	\$1,198	\$1,196	\$14,431
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		\$1,209	\$1,207	\$1,205	\$1,202	\$1,201	\$1,198	\$1,207	\$1,205	\$1,202	\$1,201	\$1,198	\$1,196	\$14,431

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.









For Project: CAIR CTs - BAYBORO (Project 7.2c)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988
3	Less: Accumulated Depreciation	(24,831)	(25,215)	(25,599)	(25,983)	(26,367)	(26,751)	(27,135)	(27,519)	(27,903)	(28,287)	(28,671)	(29,055)	(29,439)	(29,439)
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)	\$174,157	\$173,773	\$173,389	\$173,005	\$172,621	\$172,237	\$171,853	\$171,469	\$171,085	\$170,701	\$170,317	\$169,933	\$169,549	
6	Average Net Investment		173,965	173,581	173,197	172,813	172,429	172,045	171,661	171,277	170,893	170,509	170,125	169,741	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	Jul-Dec	2.25%										
b.	Equity Component Grossed Up For Taxes		357	356	355	354	353	353	322	321	320	320	319	318	4,048
c.	Other		1,131	1,128	1,126	1,123	1,121	1,118	1,164	1,162	1,159	1,157	1,154	1,151	13,694
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.3149%	384	384	384	384	384	384	384	384	384	384	384	384	4,608
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009730	161	161	161	161	161	161	161	161	161	161	161	161	1,932
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,033	\$2,029	\$2,026	\$2,022	\$2,019	\$2,016	\$2,031	\$2,028	\$2,024	\$2,022	\$2,018	\$2,014	\$24,282
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		\$2,033	\$2,029	\$2,026	\$2,022	\$2,019	\$2,016	\$2,031	\$2,028	\$2,024	\$2,022	\$2,018	\$2,014	\$24,282

For Project: CAIR CTs - DeBARY (Project 7.2d)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667
3	Less: Accumulated Depreciation	(14,259)	(14,478)	(14,697)	(14,916)	(15,135)	(15,354)	(15,573)	(15,792)	(16,011)	(16,230)	(16,449)	(16,668)	(16,887)	(16,887)
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)	\$73,408	\$73,189	\$72,970	\$72,751	\$72,532	\$72,313	\$72,094	\$71,875	\$71,656	\$71,437	\$71,218	\$70,999	\$70,780	
6	Average Net Investment		73,298	73,079	72,860	72,641	72,422	72,203	71,984	71,765	71,546	71,327	71,108	70,889	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun	2.46%	Jul-Dec	2.25%										
b.	Equity Component Grossed Up For Taxes		150	150	149	149	148	148	135	135	134	134	133	133	1,698
c.	Other		476	475	473	472	471	469	488	487	485	484	482	481	5,743
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	3.0000%	219	219	219	219	219	219	219	219	219	219	219	219	2,628
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.012040	88	88	88	88	88	88	88	88	88	88	88	88	1,056
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$933	\$932	\$929	\$928	\$926	\$924	\$930	\$929	\$926	\$925	\$922	\$921	\$11,125
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		\$933	\$932	\$929	\$928	\$926	\$924	\$930	\$929	\$926	\$925	\$922	\$921	\$11,125

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.

For Project: CAIR CTs - HIGGINS (Project 7.2e)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198
3	Less: Accumulated Depreciation	(36,837)	(37,676)	(38,515)	(39,354)	(40,193)	(41,032)	(41,871)	(42,710)	(43,549)	(44,388)	(45,227)	(46,066)	(46,905)	(46,905)
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)	\$310,361	\$309,522	\$308,683	\$307,844	\$307,005	\$306,166	\$305,327	\$304,488	\$303,649	\$302,810	\$301,971	\$301,132	\$300,293	
6	Average Net Investment		309,941	309,102	308,263	307,424	306,585	305,746	304,907	304,068	303,229	302,390	301,551	300,712	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec											
a.	Debt Component (Line 6 x 2.95% x 1/12)		2.46%	2.25%	635	634	632	630	628	627	572	570	569	567	565
b.	Equity Component Grossed Up For Taxes		7.80%	8.14%	2,014	2,009	2,003	1,998	1,992	1,987	2,068	2,063	2,057	2,051	2,046
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.9000%	839	839	839	839	839	839	839	839	839	839	839	839	839
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.009730	282	282	282	282	282	282	282	282	282	282	282	282	282
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,770	\$3,764	\$3,756	\$3,749	\$3,741	\$3,735	\$3,761	\$3,754	\$3,747	\$3,739	\$3,732	\$3,725	\$44,973
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$3,770	\$3,764	\$3,756	\$3,749	\$3,741	\$3,735	\$3,761	\$3,754	\$3,747	\$3,739	\$3,732	\$3,725	\$44,973

For Project: CAIR CTs - INTERCESSION CITY (Project 7.2f)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583
3	Less: Accumulated Depreciation	(47,791)	(48,578)	(49,365)	(50,152)	(50,939)	(51,726)	(52,513)	(53,300)	(54,087)	(54,874)	(55,661)	(56,448)	(57,235)	(57,235)
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)	\$301,793	\$301,006	\$300,219	\$299,432	\$298,645	\$297,858	\$297,071	\$296,284	\$295,497	\$294,710	\$293,923	\$293,136	\$292,349	
6	Average Net Investment		301,399	300,612	299,825	299,038	298,251	297,464	296,677	295,890	295,103	294,316	293,529	292,742	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec											
a.	Debt Component (Line 6 x 2.95% x 1/12)		2.46%	2.25%	618	616	615	613	611	610	556	555	553	552	550
b.	Equity Component Grossed Up For Taxes		7.80%	8.14%	1,959	1,954	1,948	1,943	1,938	1,933	2,012	2,007	2,002	1,996	1,991
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.7000%	787	787	787	787	787	787	787	787	787	787	787	787	787
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008670	253	253	253	253	253	253	253	253	253	253	253	253	253
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,617	\$3,610	\$3,603	\$3,596	\$3,589	\$3,583	\$3,608	\$3,602	\$3,595	\$3,588	\$3,581	\$3,575	\$43,147
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$3,617	\$3,610	\$3,603	\$3,596	\$3,589	\$3,583	\$3,608	\$3,602	\$3,595	\$3,588	\$3,581	\$3,575	\$43,147

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.

For Project: CAIR CTs - TURNER (Project 7.2g)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012
3	Less: Accumulated Depreciation	(12,615)	(12,751)	(12,887)	(13,023)	(13,159)	(13,295)	(13,431)	(13,567)	(13,703)	(13,839)	(13,975)	(14,111)	(14,247)	(14,247)
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)	\$121,397	\$121,261	\$121,125	\$120,989	\$120,853	\$120,717	\$120,581	\$120,445	\$120,309	\$120,173	\$120,037	\$119,901	\$119,765	
6	Average Net Investment		121,329	121,193	121,057	120,921	120,785	120,649	120,513	120,377	120,241	120,105	119,969	119,833	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	249	248	248	248	248	247	226	226	225	225	225	2,840
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	788	788	787	786	785	784	817	817	816	815	814	9,610
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.2187%	136	136	136	136	136	136	136	136	136	136	136	136	1,632
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.012040	134	134	134	134	134	134	134	134	134	134	134	134	1,608
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,307	\$1,306	\$1,305	\$1,304	\$1,303	\$1,301	\$1,313	\$1,313	\$1,311	\$1,310	\$1,309	\$1,308	\$15,690
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		\$1,307	\$1,306	\$1,305	\$1,304	\$1,303	\$1,301	\$1,313	\$1,313	\$1,311	\$1,310	\$1,309	\$1,308	\$15,690

For Project: CAIR CTs - SUWANNEE (Project 7.2h)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560
3	Less: Accumulated Depreciation	(30,810)	(31,233)	(31,656)	(32,079)	(32,502)	(32,925)	(33,348)	(33,771)	(34,194)	(34,617)	(35,040)	(35,463)	(35,886)	(35,886)
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)	\$350,750	\$350,327	\$349,904	\$349,481	\$349,058	\$348,635	\$348,212	\$347,789	\$347,366	\$346,943	\$346,520	\$346,097	\$345,674	
6	Average Net Investment		350,538	350,115	349,692	349,269	348,846	348,423	348,000	347,577	347,154	346,731	346,308	345,885	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	719	718	717	716	715	714	653	652	651	650	649	8,203
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	2,278	2,275	2,272	2,270	2,267	2,264	2,361	2,358	2,355	2,352	2,349	27,747
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.3299%	423	423	423	423	423	423	423	423	423	423	423	423	5,076
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008380	266	266	266	266	266	266	266	266	266	266	266	266	3,192
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,686	\$3,682	\$3,678	\$3,675	\$3,671	\$3,667	\$3,703	\$3,699	\$3,695	\$3,691	\$3,687	\$3,684	\$44,218
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$3,686	\$3,682	\$3,678	\$3,675	\$3,671	\$3,667	\$3,703	\$3,699	\$3,695	\$3,691	\$3,687	\$3,684	\$44,218

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.

For Project: CAIR Crystal River AFUDC - Access Road and Vehicle Barrier System (Project 7.4a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		(\$1,350)	\$12,200	(\$452)	\$582	\$2,107	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$13,086
b.	Clearings to Plant		(1,350)	12,200	(452)	582	2,107	0	0	0	0	0	0	0	\$13,086
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	\$17,593,631	17,592,281	17,604,480	17,604,028	17,604,610	17,606,717	17,606,717	17,606,717	17,606,717	17,606,717	17,606,717	17,606,717	17,606,717	17,606,717
3	Less: Accumulated Depreciation	(1,594,952)	(1,616,737)	(1,638,537)	(1,660,337)	(1,682,137)	(1,703,940)	(1,725,743)	(1,747,546)	(1,769,349)	(1,791,152)	(1,812,955)	(1,834,758)	(1,856,561)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$15,998,679	\$15,975,544	\$15,965,944	\$15,943,691	\$15,922,474	\$15,902,777	\$15,880,974	\$15,859,171	\$15,837,368	\$15,815,565	\$15,793,762	\$15,771,959	\$15,750,156	
6	Average Net Investment		15,987,112	15,970,744	15,954,818	15,933,082	15,912,625	15,891,876	15,870,073	15,848,270	15,826,467	15,804,664	15,782,861	15,761,058	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	39,333	39,293	39,254	39,200	39,150	39,099	39,045	38,992	38,938	38,884	38,831	38,777	468,796
b.	Equity Component Grossed Up For Taxes	8.02%	106,893	106,783	106,677	106,531	106,395	106,256	106,110	105,964	105,819	105,673	105,527	105,381	1,274,009
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	21,785	21,800	21,800	21,800	21,803	21,803	21,803	21,803	21,803	21,803	21,803	21,803	261,609
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	12,974	12,983	12,983	12,983	12,985	12,985	12,985	12,985	12,985	12,985	12,985	12,985	155,803
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$180,985	\$180,859	\$180,714	\$180,514	\$180,333	\$180,143	\$179,943	\$179,744	\$179,545	\$179,345	\$179,146	\$178,946	\$2,160,217
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		\$180,985	\$180,859	\$180,714	\$180,514	\$180,333	\$180,143	\$179,943	\$179,744	\$179,545	\$179,345	\$179,146	\$178,946	\$2,160,217

For Project: CAIR Crystal River AFUDC - UNIT 4 LNB/AH (Project 7.4b)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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		622,996	0	0	0	0	0	0	0	0	0	0	0	\$622,996
d.	Other		80,367	0	0	0	0	0	0	0	0	0	0	0	\$80,367
2	Plant-in-Service/Depreciation Base	\$12,374,383	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387	11,751,387
3	Less: Accumulated Depreciation	(1,162,049)	(482,232)	(506,420)	(530,608)	(554,796)	(578,984)	(603,172)	(627,360)	(651,548)	(675,736)	(699,924)	(724,112)	(748,300)	
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)	\$11,212,334	\$11,269,155	\$11,244,967	\$11,220,779	\$11,196,591	\$11,172,403	\$11,148,215	\$11,124,027	\$11,099,839	\$11,075,651	\$11,051,463	\$11,027,275	\$11,003,087	
6	Average Net Investment		11,240,744	11,257,061	11,232,873	11,208,685	11,184,497	11,160,309	11,136,121	11,111,933	11,087,745	11,063,557	11,039,369	11,015,181	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	27,656	27,696	27,636	27,577	27,517	27,458	27,398	27,339	27,279	27,220	27,160	27,101	329,037
b.	Equity Component Grossed Up For Taxes	8.02%	75,158	75,267	75,105	74,943	74,782	74,620	74,458	74,296	74,135	73,973	73,811	73,649	894,197
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	23,547	24,188	24,188	24,188	24,188	24,188	24,188	24,188	24,188	24,188	24,188	24,188	289,615
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	8,667	8,667	8,667	8,667	8,667	8,667	8,667	8,667	8,667	8,667	8,667	8,667	104,004
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$135,028	\$135,818	\$135,596	\$135,375	\$135,154	\$134,933	\$134,711	\$134,490	\$134,269	\$134,048	\$133,826	\$133,605	\$1,616,853
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		\$135,028	\$135,818	\$135,596	\$135,375	\$135,154	\$134,933	\$134,711	\$134,490	\$134,269	\$134,048	\$133,826	\$133,605	\$1,616,853

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.

**For Project: CAIR Crystal River AFUDC - Selective Catalytic Reduction CR5 (Project 7.4c)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		(\$8,706)	\$180,376	\$0	\$0	\$0	\$13,018	\$0	\$0	\$0	\$0	\$0	\$0	\$184,688
b.	Clearings to Plant		(8,706)	180,376	0	0	0	13,018	0	0	0	0	0	0	\$184,688
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	\$96,847,971	96,839,265	97,019,641	97,019,641	97,019,641	97,019,641	97,032,659	97,032,659	97,032,659	97,032,659	97,032,659	97,032,659	97,032,659	
3	Less: Accumulated Depreciation	(8,445,554)	(8,644,881)	(8,844,580)	(9,044,279)	(9,243,978)	(9,443,677)	(9,643,403)	(9,843,129)	(10,042,855)	(10,242,581)	(10,442,307)	(10,642,033)	(10,841,759)	
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)	\$88,402,417	\$88,194,385	\$88,175,062	\$87,975,363	\$87,775,664	\$87,575,965	\$87,389,256	\$87,189,530	\$86,989,804	\$86,790,078	\$86,590,352	\$86,390,626	\$86,190,900	
6	Average Net Investment		88,298,401	88,184,723	88,075,212	87,875,513	87,675,814	87,482,611	87,289,393	87,089,667	86,889,941	86,690,215	86,490,489	86,290,763	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	217,242	216,962	216,693	216,201	215,710	215,235	214,759	214,268	213,776	213,285	212,794	212,302	2,579,227
b.	Equity Component Grossed Up For Taxes	8.02%	590,379	589,619	588,887	587,552	586,216	584,925	583,633	582,297	580,962	579,626	578,291	576,956	7,009,343
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	199,327	199,699	199,699	199,699	199,699	199,726	199,726	199,726	199,726	199,726	199,726	199,726	2,396,205
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	71,419	71,552	71,552	71,552	71,552	71,562	71,562	71,562	71,562	71,562	71,562	71,562	858,561
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,078,367	\$1,077,832	\$1,076,831	\$1,075,004	\$1,073,177	\$1,071,448	\$1,069,680	\$1,067,853	\$1,066,026	\$1,064,199	\$1,062,373	\$1,060,546	\$12,843,336
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		\$1,078,367	\$1,077,832	\$1,076,831	\$1,075,004	\$1,073,177	\$1,071,448	\$1,069,680	\$1,067,853	\$1,066,026	\$1,064,199	\$1,062,373	\$1,060,546	\$12,843,336

**For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4d)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$1,764	\$0	\$239	\$4,178	\$0	\$11,527	\$7,288	\$0	\$2,644	\$0	\$0	\$0	\$27,640
b.	Clearings to Plant		1,764	0	239	4,178	0	11,527	7,288	0	2,644	0	0	0	\$27,640
c.	Retirements		15,575	0	0	0	0	0	0	0	0	0	0	0	\$15,575
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	\$0
2	Plant-in-Service/Depreciation Base	\$626,132,221	626,118,411	626,118,411	626,118,650	626,122,828	626,122,828	626,134,355	626,141,643	626,141,643	626,141,643	626,144,287	626,144,287	626,144,287	
3	Less: Accumulated Depreciation	(45,063,709)	(46,136,038)	(47,224,012)	(48,311,987)	(49,399,966)	(50,487,948)	(51,575,940)	(52,663,938)	(53,751,344)	(54,839,171)	(55,927,173)	(57,015,175)	(58,103,177)	
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)	\$581,068,512	\$579,982,372	\$578,894,398	\$577,806,663	\$576,722,862	\$575,634,880	\$574,558,415	\$573,477,705	\$572,390,299	\$571,302,472	\$570,217,114	\$569,129,112	\$568,041,110	
6	Average Net Investment		580,525,442	579,438,385	578,350,531	577,264,762	576,178,871	575,096,648	574,018,060	572,934,002	571,846,385	570,759,793	569,673,113	568,585,111	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	1,428,274	1,425,599	1,422,923	1,420,252	1,417,580	1,414,917	1,412,264	1,409,597	1,406,921	1,404,247	1,401,574	1,398,897	16,963,045
b.	Equity Component Grossed Up For Taxes	8.02%	3,881,498	3,874,230	3,866,956	3,859,697	3,852,436	3,845,200	3,837,989	3,830,740	3,823,468	3,816,203	3,808,938	3,801,663	46,099,018
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	Blended	1,087,904	1,087,974	1,087,975	1,087,979	1,087,982	1,087,992	1,087,998	1,087,406	1,087,827	1,088,002	1,088,002	1,088,002	13,055,043
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	461,762	461,762	461,762	461,765	461,765	461,773	461,778	461,778	461,778	461,780	461,780	461,780	5,541,263
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$6,859,438	\$6,849,565	\$6,839,616	\$6,829,693	\$6,819,763	\$6,809,882	\$6,800,029	\$6,789,521	\$6,779,994	\$6,770,232	\$6,760,294	\$6,750,342	\$81,658,369
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$6,859,438	\$6,849,565	\$6,839,616	\$6,829,693	\$6,819,763	\$6,809,882	\$6,800,029	\$6,789,521	\$6,779,994	\$6,770,232	\$6,760,294	\$6,750,342	\$81,658,369

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.

For Project: CAIR Crystal River AFUDC - SCR Common Items (Project 7.4e)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702	61,260,702
3	Less: Accumulated Depreciation	(5,303,617)	(5,424,004)	(5,544,391)	(5,664,778)	(5,785,165)	(5,905,552)	(6,025,939)	(6,146,326)	(6,266,713)	(6,387,100)	(6,507,487)	(6,627,874)	(6,748,261)	(6,868,648)
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)	\$55,957,085	\$55,836,698	\$55,716,311	\$55,595,924	\$55,475,537	\$55,355,150	\$55,234,763	\$55,114,376	\$54,993,989	\$54,873,602	\$54,753,215	\$54,632,828	\$54,512,441	\$54,392,063
6	Average Net Investment		55,896,892	55,776,505	55,656,118	55,535,731	55,415,344	55,294,957	55,174,570	55,054,183	54,933,796	54,813,409	54,693,022	54,572,635	54,452,248
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	137,524	137,228	136,931	136,635	136,339	136,043	135,747	135,450	135,154	134,858	134,562	134,266	1,630,737
b.	Equity Component Grossed Up For Taxes	8.02%	373,737	372,932	372,127	371,322	370,517	369,712	368,907	368,102	367,297	366,492	365,687	364,883	4,431,715
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.3582%	120,387	120,387	120,387	120,387	120,387	120,387	120,387	120,387	120,387	120,387	120,387	120,387	1,444,644
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	45,180	45,180	45,180	45,180	45,180	45,180	45,180	45,180	45,180	45,180	45,180	45,180	542,160
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$676,828	\$675,727	\$674,625	\$673,524	\$672,423	\$671,322	\$670,221	\$669,119	\$668,018	\$666,917	\$665,816	\$664,716	\$8,049,256
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		\$676,828	\$675,727	\$674,625	\$673,524	\$672,423	\$671,322	\$670,221	\$669,119	\$668,018	\$666,917	\$665,816	\$664,716	\$8,049,256

For Project: CAIR Crystal River AFUDC - Flue Gas Desulfurization CRS (Project 7.4f)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926	129,727,926
3	Less: Accumulated Depreciation	(9,934,266)	(10,201,289)	(10,468,312)	(10,735,335)	(11,002,358)	(11,269,381)	(11,536,404)	(11,803,427)	(12,070,450)	(12,337,473)	(12,604,496)	(12,871,519)	(13,138,542)	(13,405,565)
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)	\$119,793,660	\$119,526,637	\$119,259,614	\$118,992,591	\$118,725,568	\$118,458,545	\$118,191,522	\$117,924,499	\$117,657,476	\$117,390,453	\$117,123,430	\$116,856,407	\$116,589,384	\$116,322,361
6	Average Net Investment		119,660,149	119,393,126	119,126,103	118,859,080	118,592,057	118,325,034	118,058,011	117,790,988	117,523,965	117,256,942	116,989,919	116,722,896	116,455,873
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	294,401	293,744	293,087	292,430	291,774	291,117	290,460	289,803	289,146	288,489	287,832	287,175	3,489,458
b.	Equity Component Grossed Up For Taxes	8.02%	800,069	798,284	796,499	794,713	792,928	791,143	789,357	787,572	785,787	784,001	782,216	780,430	9,482,999
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	267,023	267,023	267,023	267,023	267,023	267,023	267,023	267,023	267,023	267,023	267,023	267,023	3,204,276
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	95,674	95,674	95,674	95,674	95,674	95,674	95,674	95,674	95,674	95,674	95,674	95,674	1,148,088
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,457,167	\$1,454,725	\$1,452,283	\$1,449,840	\$1,447,399	\$1,444,957	\$1,442,514	\$1,440,072	\$1,437,630	\$1,435,187	\$1,432,745	\$1,430,302	\$17,324,821
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		\$1,457,167	\$1,454,725	\$1,452,283	\$1,449,840	\$1,447,399	\$1,444,957	\$1,442,514	\$1,440,072	\$1,437,630	\$1,435,187	\$1,432,745	\$1,430,302	\$17,324,821

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.

For Project: CAIR Crystal River AFUDC - CR5 Sootblower & Intelligent Soot Blowing Controls (Project 7.4g)  
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$850,198	850,198	850,198	850,198	850,198	850,198	850,198	850,198	850,198	850,198	850,198	850,198	850,198	
3	Less: Accumulated Depreciation	(55,895)	(57,645)	(59,395)	(61,145)	(62,895)	(64,645)	(66,395)	(68,145)	(69,895)	(71,645)	(73,395)	(75,145)	(76,895)	
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)	\$794,303	\$792,553	\$790,803	\$789,053	\$787,303	\$785,553	\$783,803	\$782,053	\$780,303	\$778,553	\$776,803	\$775,053	\$773,303	
6	Average Net Investment		793,428	791,678	789,928	788,178	786,428	784,678	782,928	781,178	779,428	777,678	775,928	774,178	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	1,952	1,948	1,943	1,939	1,935	1,931	1,926	1,922	1,918	1,913	1,909	1,905	23,141
b.	Equity Component Grossed Up For Taxes	8.02%	5,305	5,293	5,282	5,270	5,258	5,246	5,235	5,223	5,211	5,200	5,188	5,176	62,887
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	1,750	21,000
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	627	627	627	627	627	627	627	627	627	627	627	627	7,524
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$9,634	\$9,618	\$9,602	\$9,586	\$9,570	\$9,554	\$9,538	\$9,522	\$9,506	\$9,490	\$9,474	\$9,458	\$114,552
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		\$9,634	\$9,618	\$9,602	\$9,586	\$9,570	\$9,554	\$9,538	\$9,522	\$9,506	\$9,490	\$9,474	\$9,458	\$114,552

For Project: CAIR Crystal River AFUDC - CR4 Sootblower & Intelligent Soot Blowing Controls (Project 7.4h)  
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		(\$84)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$84)
b.	Clearings to Plant		(84)	0	0	0	0	0	0	0	0	0	0	0	(\$84)
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	\$917,313	917,229	917,229	917,229	917,229	917,229	917,229	917,229	917,229	917,229	917,229	917,229	917,229	
3	Less: Accumulated Depreciation	(55,995)	(57,883)	(59,771)	(61,659)	(63,547)	(65,435)	(67,323)	(69,211)	(71,099)	(72,987)	(74,875)	(76,763)	(78,651)	
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)	\$861,319	\$859,346	\$857,458	\$855,570	\$853,682	\$851,794	\$849,906	\$848,018	\$846,130	\$844,242	\$842,354	\$840,466	\$838,578	
6	Average Net Investment		860,332	858,402	856,514	854,626	852,738	850,850	848,962	847,074	845,186	843,298	841,410	839,522	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,117	2,112	2,107	2,103	2,098	2,093	2,089	2,084	2,079	2,075	2,070	2,065	25,092
b.	Equity Component Grossed Up For Taxes	8.02%	5,752	5,739	5,727	5,714	5,702	5,689	5,676	5,664	5,651	5,638	5,626	5,613	68,191
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	1,888	22,656
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	676	676	676	676	676	676	676	676	676	676	676	676	8,112
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$10,433	\$10,415	\$10,398	\$10,381	\$10,364	\$10,346	\$10,329	\$10,312	\$10,294	\$10,277	\$10,260	\$10,242	\$124,051
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		\$10,433	\$10,415	\$10,398	\$10,381	\$10,364	\$10,346	\$10,329	\$10,312	\$10,294	\$10,277	\$10,260	\$10,242	\$124,051

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.

For Project: CAIR Crystal River AFUDC - CR4 SCR (Project 7.4i)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$224,454	\$478,884	\$6,180	(\$61,338)	\$13,018	\$0	\$0	\$0	\$0	\$0	\$0	\$661,196
b.	Clearings to Plant		0	0	0	2,267,205	(61,338)	13,018	0	0	0	0	0	0	\$2,218,884
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	\$108,798,396	108,798,396	108,798,396	108,798,396	111,065,601	111,004,262	111,017,280	111,017,280	111,017,280	111,017,280	111,017,280	111,017,280	111,017,280	
3	Less: Accumulated Depreciation	(7,036,619)	(7,260,562)	(7,484,505)	(7,708,448)	(7,934,725)	(8,163,208)	(8,391,718)	(8,620,228)	(8,848,738)	(9,077,248)	(9,305,758)	(9,534,268)	(9,762,778)	
4	CWIP - Non-Interest Bearing	1,557,688	1,557,688	1,782,142	2,261,025	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$103,319,465	\$103,095,522	\$103,096,033	\$103,350,973	\$103,130,876	\$102,841,055	\$102,625,562	\$102,397,052	\$102,168,542	\$101,940,032	\$101,711,522	\$101,483,012	\$101,254,502	
6	Average Net Investment		103,207,494	103,095,777	103,223,503	103,240,925	102,985,965	102,733,309	102,511,307	102,282,797	102,054,287	101,825,777	101,597,267	101,368,757	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	253,923	253,648	253,962	254,005	253,378	252,756	252,210	251,648	251,085	250,523	249,961	249,399	3,026,498
b.	Equity Component Grossed Up For Taxes	8.02%	690,064	689,317	690,171	690,288	688,583	686,894	685,409	683,881	682,353	680,826	679,298	677,770	8,224,854
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	223,943	223,943	223,943	226,277	228,483	228,510	228,510	228,510	228,510	228,510	228,510	228,510	2,726,159
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	80,239	80,239	80,239	81,911	81,866	81,875	81,875	81,875	81,875	81,875	81,875	81,875	977,619
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,248,169	\$1,247,147	\$1,248,315	\$1,252,481	\$1,252,310	\$1,250,035	\$1,248,004	\$1,245,914	\$1,243,823	\$1,241,734	\$1,239,644	\$1,237,554	\$14,955,130
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		\$1,248,169	\$1,247,147	\$1,248,315	\$1,252,481	\$1,252,310	\$1,250,035	\$1,248,004	\$1,245,914	\$1,243,823	\$1,241,734	\$1,239,644	\$1,237,554	\$14,955,130

For Project: CAIR Crystal River AFUDC - CR4 FGD (Project 7.4j)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	139,587,350	
3	Less: Accumulated Depreciation	(9,036,101)	(9,323,418)	(9,610,735)	(9,898,052)	(10,185,369)	(10,472,686)	(10,760,003)	(11,047,320)	(11,334,637)	(11,621,954)	(11,909,271)	(12,196,588)	(12,483,905)	
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)	\$130,551,249	\$130,263,932	\$129,976,615	\$129,689,298	\$129,401,981	\$129,114,664	\$128,827,347	\$128,540,030	\$128,252,713	\$127,965,396	\$127,678,079	\$127,390,762	\$127,103,445	
6	Average Net Investment		130,407,590	130,120,273	129,832,956	129,545,639	129,258,322	128,971,005	128,683,688	128,396,371	128,109,054	127,821,737	127,534,420	127,247,103	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	320,843	320,137	319,430	318,723	318,016	317,309	316,602	315,895	315,188	314,481	313,775	313,068	3,803,467
b.	Equity Component Grossed Up For Taxes	8.02%	871,929	870,008	868,087	866,166	864,245	862,323	860,402	858,481	856,560	854,639	852,718	850,797	10,336,355
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	287,317	287,317	287,317	287,317	287,317	287,317	287,317	287,317	287,317	287,317	287,317	287,317	3,447,804
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	102,946	102,946	102,946	102,946	102,946	102,946	102,946	102,946	102,946	102,946	102,946	102,946	1,235,352
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,583,035	\$1,580,408	\$1,577,780	\$1,575,152	\$1,572,524	\$1,569,895	\$1,567,267	\$1,564,639	\$1,562,011	\$1,559,383	\$1,556,756	\$1,554,128	\$18,822,978
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		\$1,583,035	\$1,580,408	\$1,577,780	\$1,575,152	\$1,572,524	\$1,569,895	\$1,567,267	\$1,564,639	\$1,562,011	\$1,559,383	\$1,556,756	\$1,554,128	\$18,822,978

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.



**For Project: CAIR Crystal River AFUDC - Gypsum Handling (Project 7.4k)**  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196	20,988,196
3	Less: Accumulated Depreciation	(1,576,946)	(1,618,789)	(1,660,632)	(1,702,475)	(1,744,318)	(1,786,161)	(1,828,004)	(1,869,847)	(1,911,690)	(1,953,533)	(1,995,376)	(2,037,219)	(2,079,062)	
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)	\$19,411,250	\$19,369,407	\$19,327,564	\$19,285,721	\$19,243,878	\$19,202,035	\$19,160,192	\$19,118,349	\$19,076,506	\$19,034,663	\$18,992,820	\$18,950,977	\$18,909,134	
6	Average Net Investment		19,390,329	19,348,486	19,306,643	19,264,800	19,222,957	19,181,114	19,139,271	19,097,428	19,055,585	19,013,742	18,971,899	18,930,056	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	47,706	47,603	47,500	47,397	47,294	47,192	47,089	46,986	46,883	46,780	46,677	46,574	565,681
b.	Equity Component Grossed Up For Taxes	8.02%	129,647	129,367	129,088	128,808	128,528	128,248	127,969	127,689	127,409	127,129	126,850	126,570	1,537,302
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.3924%	41,843	41,843	41,843	41,843	41,843	41,843	41,843	41,843	41,843	41,843	41,843	41,843	502,116
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	15,479	15,479	15,479	15,479	15,479	15,479	15,479	15,479	15,479	15,479	15,479	15,479	185,748
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$234,675	\$234,292	\$233,910	\$233,527	\$233,144	\$232,762	\$232,380	\$231,997	\$231,614	\$231,231	\$230,849	\$230,466	\$2,790,847
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		\$234,675	\$234,292	\$233,910	\$233,527	\$233,144	\$232,762	\$232,380	\$231,997	\$231,614	\$231,231	\$230,849	\$230,466	\$2,790,847

**For Project: CAIR Crystal River AFUDC - CRS Acid Mist Mitigation Controls (Project 7.4l)**  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705	9,406,705
3	Less: Accumulated Depreciation	(614,434)	(633,796)	(653,158)	(672,520)	(691,882)	(711,244)	(730,606)	(749,968)	(769,330)	(788,692)	(808,054)	(827,416)	(846,778)	
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)	\$8,792,271	\$8,772,909	\$8,753,547	\$8,734,185	\$8,714,823	\$8,695,461	\$8,676,099	\$8,656,737	\$8,637,375	\$8,618,013	\$8,598,651	\$8,579,289	\$8,559,927	
6	Average Net Investment		8,782,590	8,763,228	8,743,866	8,724,504	8,705,142	8,685,780	8,666,418	8,647,056	8,627,694	8,608,332	8,588,970	8,569,608	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	21,608	21,560	21,513	21,465	21,417	21,370	21,322	21,274	21,227	21,179	21,132	21,084	256,151
b.	Equity Component Grossed Up For Taxes	8.02%	58,722	58,593	58,463	58,334	58,204	58,075	57,945	57,816	57,686	57,557	57,427	57,298	696,120
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	19,362	19,362	19,362	19,362	19,362	19,362	19,362	19,362	19,362	19,362	19,362	19,362	232,344
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	6,937	6,937	6,937	6,937	6,937	6,937	6,937	6,937	6,937	6,937	6,937	6,937	83,244
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$106,629	\$106,452	\$106,275	\$106,098	\$105,920	\$105,744	\$105,566	\$105,389	\$105,212	\$105,035	\$104,858	\$104,681	\$1,267,859
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		\$106,629	\$106,452	\$106,275	\$106,098	\$105,920	\$105,744	\$105,566	\$105,389	\$105,212	\$105,035	\$104,858	\$104,681	\$1,267,859

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.

**For Project: CAIR Crystal River AFUDC - FGD Settling Pond (Project 7.4m)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	7,677,316	
3	Less: Accumulated Depreciation	(314,844)	(324,351)	(333,858)	(343,365)	(352,872)	(362,379)	(371,886)	(381,393)	(390,900)	(400,407)	(409,914)	(419,421)	(428,928)	
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)	\$7,362,472	\$7,352,965	\$7,343,458	\$7,333,951	\$7,324,444	\$7,314,937	\$7,305,430	\$7,295,923	\$7,286,416	\$7,276,909	\$7,267,402	\$7,257,895	\$7,248,388	
6	Average Net Investment		7,357,718	7,348,211	7,338,704	7,329,197	7,319,690	7,310,183	7,300,676	7,291,169	7,281,662	7,272,155	7,262,648	7,253,141	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	18,102	18,079	18,056	18,032	18,009	17,985	17,962	17,939	17,915	17,892	17,868	17,845	215,684
b.	Equity Component Grossed Up For Taxes	8.02%	49,195	49,131	49,068	49,004	48,941	48,877	48,814	48,750	48,687	48,623	48,559	48,496	586,145
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	114,084
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	5,662	5,662	5,662	5,662	5,662	5,662	5,662	5,662	5,662	5,662	5,662	5,662	67,944
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$82,466	\$82,379	\$82,293	\$82,205	\$82,119	\$82,031	\$81,945	\$81,858	\$81,771	\$81,684	\$81,596	\$81,510	\$983,857
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		\$82,466	\$82,379	\$82,293	\$82,205	\$82,119	\$82,031	\$81,945	\$81,858	\$81,771	\$81,684	\$81,596	\$81,510	\$983,857

**For Project: CAIR Crystal River AFUDC - Coal Pile Runoff Treatment System (Project 7.4m)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		0	0	0	0	0	0	4,322	0	0	0	0	0	\$4,322
b.	Clearings to Plant		0	0	0	0	0	0	4,322	0	0	0	0	0	\$4,322
c.	Retirements		0	0	0	0	0	0	4,604	0	0	0	0	0	\$4,604
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	\$0
2	Plant-in-Service/Depreciation Base	\$15,969,106	15,969,106	15,969,106	15,969,106	15,969,106	15,969,106	15,969,106	15,968,823	15,968,823	15,968,823	15,968,823	15,968,823	15,968,823	
3	Less: Accumulated Depreciation	(686,336)	(706,111)	(725,886)	(745,661)	(765,436)	(785,211)	(804,986)	(824,761)	(844,536)	(864,311)	(884,086)	(903,861)	(923,636)	
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)	\$15,282,770	\$15,262,995	\$15,243,220	\$15,223,445	\$15,203,670	\$15,183,895	\$15,164,120	\$15,144,063	\$15,124,288	\$15,104,513	\$15,084,738	\$15,064,963	\$15,045,188	
6	Average Net Investment		15,272,883	15,253,108	15,233,333	15,213,558	15,193,783	15,174,008	15,154,092	15,134,175	15,114,400	15,094,625	15,074,850	15,055,075	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	37,576	37,527	37,479	37,430	37,381	37,333	37,284	37,235	37,186	37,137	37,089	37,040	447,697
b.	Equity Component Grossed Up For Taxes	8.02%	102,117	101,985	101,853	101,721	101,588	101,456	101,323	101,190	101,058	100,925	100,793	100,661	1,216,670
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	19,775	19,775	19,775	19,775	19,775	19,775	19,775	19,775	19,775	19,775	19,775	19,775	237,300
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	11,777	11,777	11,777	11,777	11,777	11,777	11,777	11,777	11,777	11,777	11,777	11,777	141,324
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$171,245	\$171,064	\$170,884	\$170,703	\$170,521	\$170,341	\$170,159	\$169,977	\$169,796	\$169,614	\$169,434	\$169,253	\$2,042,991
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		\$171,245	\$171,064	\$170,884	\$170,703	\$170,521	\$170,341	\$170,159	\$169,977	\$169,796	\$169,614	\$169,434	\$169,253	\$2,042,991

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.

**For Project: CAIR Crystal River AFUDC - Dibasic Acid Additive System (Project 7.4o)**  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	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	\$1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	1,094,418	
3	Less: Accumulated Depreciation	(63,148)	(65,401)	(67,654)	(69,907)	(72,160)	(74,413)	(76,666)	(78,919)	(81,172)	(83,425)	(85,678)	(87,931)	(90,184)	
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)	<u>\$1,031,271</u>	<u>\$1,029,018</u>	<u>\$1,026,765</u>	<u>\$1,024,512</u>	<u>\$1,022,259</u>	<u>\$1,020,006</u>	<u>\$1,017,753</u>	<u>\$1,015,500</u>	<u>\$1,013,247</u>	<u>\$1,010,994</u>	<u>\$1,008,741</u>	<u>\$1,006,488</u>	<u>\$1,004,235</u>	
6	Average Net Investment		1,030,144	1,027,891	1,025,638	1,023,385	1,021,132	1,018,879	1,016,626	1,014,373	1,012,120	1,009,867	1,007,614	1,005,361	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,534	2,529	2,523	2,518	2,512	2,507	2,501	2,496	2,490	2,485	2,479	2,474	30,048
b.	Equity Component Grossed Up For Taxes	8.02%	6,888	6,873	6,858	6,843	6,827	6,812	6,797	6,782	6,767	6,752	6,737	6,722	81,658
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	2,253	2,253	2,253	2,253	2,253	2,253	2,253	2,253	2,253	2,253	2,253	2,253	27,036
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	807	807	807	807	807	807	807	807	807	807	807	807	9,684
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$12,482	\$12,462	\$12,441	\$12,421	\$12,399	\$12,379	\$12,358	\$12,338	\$12,317	\$12,297	\$12,276	\$12,256	\$148,426
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		\$12,482	\$12,462	\$12,441	\$12,421	\$12,399	\$12,379	\$12,358	\$12,338	\$12,317	\$12,297	\$12,276	\$12,256	\$148,426

**For Project: CAIR Crystal River AFUDC - Bottom Ash (PH)/Fly Ash (Ammonia) (Project 7.4p)**  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$1,140,072	\$1,638,824	\$1,328,829	\$1,219,811	\$1,193,738	\$845,845	\$646,566	\$446,088	\$309,990	\$89,609	\$510,958	\$958,709	\$10,329,038
b.	Clearings to Plant		0	0	0	0	0	0	15,065,089	446,088	309,990	89,609	510,958	958,709	\$17,380,444
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	\$147,033	147,033	147,033	147,033	147,033	147,033	147,033	15,212,122	15,658,210	15,968,200	16,057,809	16,568,767	17,527,476	
3	Less: Accumulated Depreciation	(3,774)	(4,033)	(4,292)	(4,551)	(4,810)	(5,069)	(5,328)	(21,091)	(53,277)	(86,101)	(119,110)	(153,170)	(189,204)	
4	CWIP - Non-Interest Bearing	7,051,405	8,191,477	9,830,301	11,159,130	12,378,941	13,572,679	14,418,523	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	<u>\$7,194,664</u>	<u>\$8,334,477</u>	<u>\$9,973,042</u>	<u>\$11,301,612</u>	<u>\$12,521,164</u>	<u>\$13,714,643</u>	<u>\$14,560,228</u>	<u>\$15,191,030</u>	<u>\$15,604,933</u>	<u>\$15,882,098</u>	<u>\$15,938,698</u>	<u>\$16,415,597</u>	<u>\$17,338,272</u>	
6	Average Net Investment		7,764,571	9,153,760	10,637,327	11,911,388	13,117,903	14,137,435	14,875,629	15,397,982	15,743,516	15,910,398	16,177,148	16,876,934	
7	Return on Average Net Investment (A)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	19,103	22,521	26,171	29,306	32,274	34,783	36,599	37,884	38,734	39,145	39,801	41,523	397,844
b.	Equity Component Grossed Up For Taxes	8.02%	51,915	61,204	71,123	79,642	87,709	94,525	99,461	102,954	105,264	106,380	108,163	112,842	1,081,182
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	Blended	259	259	259	259	259	259	15,764	32,186	32,824	33,009	34,060	36,034	185,431
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	109	109	109	109	109	109	11,219	11,549	11,777	11,843	12,220	12,927	72,189
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$71,386	\$84,093	\$97,662	\$109,316	\$120,351	\$129,676	\$163,043	\$184,573	\$188,599	\$190,377	\$194,244	\$203,326	\$1,736,646
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		\$71,386	\$84,093	\$97,662	\$109,316	\$120,351	\$129,676	\$163,043	\$184,573	\$188,599	\$190,377	\$194,244	\$203,326	\$1,736,646

(A) Consistent with Order No. PSC-12-0425-PAA-EU the allowable return on CAIR investments is calculated using the approved capital structure and cost rates per the 2010 Rate Case Order No. PSC-10-0131-FOF-EI.

**For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4d)**  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$89,179	\$54,627	\$67,543	\$37,883	\$19,257	\$2,901	\$332,336	\$314,652	\$34,483	\$211,663	\$20,289	\$205,008	\$1,389,818	
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	9,327	7,531	0		
c.	Retirements		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		
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	9,327	16,857	16,857		
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	(10)	(45)	(80)		
4	CWIP - Non-Interest Bearing	278,772	367,951	422,577	490,120	528,003	547,260	550,160	882,496	1,197,149	1,231,631	1,433,967	1,446,725	1,651,733		
5	Net Investment (Lines 2 + 3 + 4)	278,772	367,951	422,577	490,120	528,003	547,260	550,160	882,496	1,197,149	1,231,631	1,443,284	1,463,538	1,668,511		
6	Average Net Investment		323,361	395,264	456,349	509,061	537,631	548,710	716,328	1,039,822	1,214,390	1,337,458	1,453,411	1,566,025		
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	663	810	936	1,044	1,102	1,125	1,343	1,950	2,277	2,508	2,725	2,936	19,419
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	2,101	2,569	2,966	3,308	3,494	3,566	4,859	7,053	8,238	9,072	9,859	10,623	67,708
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
a.	Depreciation	1.4860%	0	0	0	0	0	0	0	0	0	10	35	35	80	
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
d.	Property Taxes	0.008850	0	0	0	0	0	0	0	0	0	7	12	12	31	
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,764	\$3,379	\$3,902	\$4,352	\$4,596	\$4,691	\$6,202	\$9,003	\$10,515	\$11,597	\$12,631	\$13,606	\$87,238	
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		\$2,764	\$3,379	\$3,902	\$4,352	\$4,596	\$4,691	\$6,202	\$9,003	\$10,515	\$11,597	\$12,631	\$13,606	\$87,238	

**For Project: Crystal River 4 and 5 - Conditions of Certification (Project 7.4q)**  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$49,404	\$13,442	\$81,230	\$41,189	\$221,063	\$90,467	\$58,430	\$63,268	\$618,493
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	618,493	
c.	Retirements		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	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	618,493	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	(383)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	49,404	62,846	144,076	185,265	406,328	496,795	555,225	0	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$49,404	\$62,846	\$144,076	\$185,265	\$406,328	\$496,795	\$555,225	\$618,110	
6	Average Net Investment		0	0	0	0	24,702	56,125	103,461	164,670	295,797	451,562	526,010	586,668	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec												
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	0	0	0	51	115	194	309	555	847	986	1,100	4,157
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	0	0	0	161	365	702	1,117	2,006	3,063	3,568	3,980	14,962
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	0	0	0	0	0	0	0	0	0	0	0	383	383
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	0	0	0	0	0	0	0	0	0	0	0	456	456
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$212	\$480	\$896	\$1,426	\$2,561	\$3,910	\$4,554	\$5,919	\$19,958
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		\$0	\$0	\$0	\$0	\$212	\$480	\$896	\$1,426	\$2,561	\$3,910	\$4,554	\$5,919	\$19,958

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU these assets were not projected to be in-service as of year end 2013 and accordingly will not be moved to base rates in 2014.  
(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU

**For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4r) - CR4 Clinker Mitigation**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total	
1	Investments															
a.	Expenditures/Additions		\$32,282	\$373,778	\$232,142	\$1,116	(\$101,923)	\$123,604	\$0	\$0	\$0	\$0	\$0	\$0	\$660,998	
b.	Clearings to Plant		0	0	0	639,317	(101,923)	123,604	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	\$0	0	0	0	639,317	537,394	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	
3	Less: Accumulated Depreciation	0	0	0	0	(658)	(1,764)	(3,125)	(4,486)	(5,847)	(7,208)	(8,569)	(9,930)	(11,291)	0	
4	CWIP - Non-Interest Bearing	0	32,282	406,060	638,202	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$32,282	\$406,060	\$638,202	\$638,659	\$535,630	\$657,873	\$656,512	\$655,151	\$653,790	\$652,429	\$651,068	\$649,707	0	
6	Average Net Investment		16,141	219,171	522,131	638,430	587,145	596,752	657,193	655,832	654,471	653,110	651,749	650,388	0	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec													
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	33	449	1,070	1,309	1,204	1,223	1,232	1,230	1,227	1,225	1,222	1,219	12,643
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	105	1,424	3,393	4,149	3,816	3,878	4,458	4,449	4,439	4,430	4,421	4,412	43,374
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
a.	Depreciation	2.4700%	0	0	0	658	1,106	1,361	1,361	1,361	1,361	1,361	1,361	1,361	11,291	
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
d.	Property Taxes	0.008850	0	0	0	471	396	487	487	487	487	487	487	487	4,276	
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$138	\$1,873	\$4,463	\$6,587	\$6,522	\$6,949	\$7,538	\$7,527	\$7,514	\$7,503	\$7,491	\$7,479	\$71,584	
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		\$138	\$1,873	\$4,463	\$6,587	\$6,522	\$6,949	\$7,538	\$7,527	\$7,514	\$7,503	\$7,491	\$7,479	\$71,584	

**For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4s) - CR5 Clinker Mitigation**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,176	\$203,950	\$111,947	\$318,072
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	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	0	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	2,176	206,125	318,072	0
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,176	\$206,125	\$318,072	0
6	Return on Average Net Investment (A)		0	0	0	0	0	0	0	0	0	1,088	104,151	262,099	0
7	Return on Average Net Investment	Jan-Jun	Jul-Dec												
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.46%	2.25%	0	0	0	0	0	0	0	0	2	195	491	688
b.	Equity Component Grossed Up For Taxes	7.80%	8.14%	0	0	0	0	0	0	0	0	7	706	1,778	2,491
c.	Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.4700%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes	0.008850	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$901	\$2,269	\$3,179
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		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$9	\$901	\$2,269	\$3,179

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU these assets were not projected to be in-service as of year end 2013 and accordingly will not be moved to base rates in 2014.  
(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU

For Project: Crystal River Thermal Discharge Compliance Project AFUDC - Point of Discharge (POD) Cooling Tower (Project 11.1a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		(\$10,463)	\$1,629	\$10,477	\$10,976	\$0	\$66,993	\$15,627	\$7,866	(\$518)	\$0	\$0	\$0	\$102,587
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		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$511)	\$0	\$0	\$0	\$0
2	Regulatory Asset Balance	\$17,754,373	17,743,911	17,250,151	16,765,239	16,280,827	15,785,438	15,357,043	14,877,281	14,389,759	13,893,342	13,397,953	12,902,565	12,407,176	
3	Less: Accumulated Depreciation/Amortization (A)	\$0	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)	\$17,754,373	\$17,248,522	\$16,754,763	\$16,269,851	\$15,785,438	\$15,290,050	\$14,861,654	\$14,381,893	\$13,894,371	\$13,397,953	\$12,902,565	\$12,407,176	\$11,911,788	
6	Average Net Investment		17,501,448	17,001,642	16,512,307	16,027,645	15,537,744	15,075,852	14,621,773	14,138,132	13,646,162	13,150,259	12,654,871	12,159,482	
7	Return on Average Net Investment (B)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun													
		2.46%													
b.	Equity Component Grossed Up For Taxes	7.80%													
c.	Other	8.14%													
			35,878	34,853	33,850	32,857	31,852	30,905	27,416	26,509	25,587	24,657	23,728	22,799	350,891
			113,732	110,484	107,304	104,155	100,971	97,970	99,184	95,904	92,567	89,203	85,842	82,482	1,179,798
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (A) 33.3333%		495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	5,944,662
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
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)		\$644,998	\$640,725	\$636,542	\$632,400	\$628,211	\$624,263	\$621,988	\$617,801	\$613,542	\$609,248	\$604,958	\$600,669	7,475,351
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		\$644,998	\$640,725	\$636,542	\$632,400	\$628,211	\$624,263	\$621,988	\$617,801	\$613,542	\$609,248	\$604,958	\$600,669	7,475,351

For Project: Crystal River Thermal Discharge Compliance Project AFUDC - MET Tower (Project 11.1b)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-13	Actual Feb-13	Actual Mar-13	Actual Apr-13	Actual May-13	Actual Jun-13	Actual Jul-13	Actual Aug-13	Actual Sep-13	Actual Oct-13	Actual Nov-13	Actual Dec-13	End of Period Total
1	Investments														
a.	Expenditures/Additions		(\$5,119)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$5,119)
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	Regulatory Asset Balance	\$340,978	335,859	326,529	317,200	307,871	298,541	289,212	279,882	270,553	261,224	251,894	242,565	233,235	
3	Less: Accumulated Depreciation/Amortization (A)	\$0	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	
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)	\$340,978	\$326,529	\$317,200	\$307,871	\$298,541	\$289,212	\$279,882	\$270,553	\$261,224	\$251,894	\$242,565	\$233,235	\$223,906	
6	Average Net Investment		333,754	321,865	312,535	303,206	293,877	284,547	275,218	265,888	256,559	247,229	237,900	228,571	
7	Return on Average Net Investment (B)														
a.	Debt Component (Line 6 x 2.95% x 1/12)	Jan-Jun													
		2.46%													
b.	Equity Component Grossed Up For Taxes	7.80%													
c.	Other	8.14%													
			684	660	641	622	602	583	516	499	481	464	446	429	6,627
			2,169	2,092	2,031	1,970	1,910	1,849	1,867	1,804	1,740	1,677	1,614	1,550	22,273
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization (A) 33.3333%		9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	111,953
c.	Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d.	Property Taxes		280	280	280	280	280	280	280	280	280	280	280	280	3,360
e.	Property Insurance		0	0	0	0	0	0	0	0	0	0	0	0	0
f.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$12,462	\$12,361	\$12,281	\$12,201	\$12,121	\$12,041	\$11,992	\$11,912	\$11,830	\$11,750	\$11,669	\$11,588	\$144,213
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		\$12,462	\$12,361	\$12,281	\$12,201	\$12,121	\$12,041	\$11,992	\$11,912	\$11,830	\$11,750	\$11,669	\$11,588	\$144,213

(A) Investment amortized over three years in accordance with Order No. PSC-13-0381-PAA-EI.

(B) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

PATRICIA Q. WEST

ON BEHALF OF

DUKE ENERGY FLORIDA

DOCKET NO. 140007-EI

April 1, 2014

**Q. Please state your name and business address.**

A. My name is Patricia Q. West. My business address is 299 First Avenue North, St. Petersburg, FL 33701.

**Q. By whom are you employed and in what capacity?**

A. I am employed by the Environmental Services and Strategy Department of Duke Energy Florida (DEF) as Manager of Generation Environmental Field Support Services.

**Q. What are your responsibilities in that position?**

A. Currently, my responsibilities include ensuring that environmental technical and regulatory support is provided during the development and implementation of environmental compliance strategies for power generation facilities in Florida.

**Q. Please describe your educational background and professional experience.**

1 A. I obtained my Bachelor of Arts degree in Biology from New College of the  
2 University of South Florida in 1983. I was employed by the Polk County Health  
3 Department between 1983 and 1986 and by the Florida Department of  
4 Environmental Protection (FDEP) from 1986 - 1990. At the FDEP, I was  
5 involved in compliance and enforcement efforts associated with petroleum  
6 storage facilities. I joined Florida Power Corporation in 1990 as an  
7 Environmental Project Manager and then held progressively more responsible  
8 positions through the merger with Carolina Power and Light, and more recently  
9 through the merger with Duke Energy when I assumed my current position as  
10 Manager of Generation Environmental Field Support Services.

11

12 **Q. Have you previously filed testimony before this Commission in connection**  
13 **with DEF’s Environmental Cost Recovery Clause (ECRC)?**

14 A. Yes.

15

16 **Q. What is the purpose of your testimony?**

17 A. The purpose of my testimony is to explain material variances between the actual  
18 and estimated/actual project expenditures for environmental compliance costs  
19 associated with DEF’s Pipeline Integrity Management (PIM) Program (Project  
20 3), CAIR/CAMR – Peaking (Project 7.2), Best Available Retrofit Technology  
21 (BART) (Project 7.5), Arsenic Groundwater Standard (Project 8), National  
22 Pollutant Discharge Elimination System (NPDES) (Project 16), Mercury & Air  
23 Toxics Standards (MATS) – CR 4&5 (Project 17) and MATS – CR1&2 (Project  
24 17.2) for the period January 2013 through December 2013. In addition, I am



1 sponsoring Exhibit No. \_\_ (PQW-1), DEF's review of the efficacy of its  
2 Integrated Clean Air Compliance Plan and retrofit options in relation to  
3 expected environmental regulations.

4  
5 **Q. How did actual O&M expenditures for January 2013 through December**  
6 **2013 compare with DEF's estimated/actual projections for the PIM**  
7 **Project?**

8 A. The PIM O&M variance is \$28,414 or 8% higher than projected due to an  
9 under-estimation of costs associated with required Florida Department of  
10 Environmental Transportation projects.

11  
12 **Q. How did actual O&M expenditures for January 2013 through December**  
13 **2013 compare with DEF's estimated/actual projections for the**  
14 **CAIR/CAMR – Peaking Project?**

15 A: The CAIR/CAMR – Peaking variance is \$5,402 or 5% lower than projected due  
16 to a portion of the emissions testing at the Bartow CT being deferred to 2014.

17  
18 **Q. How did actual capital and O&M expenditures for January 2013 through**  
19 **December 2013 compare with DEF's estimated/actual projections for the**  
20 **BART Project?**

21 A. The BART capital spend variance is \$12,345 or 100% higher than projected.  
22 This variance is attributable to the purchase and installation of hardware  
23 necessary to measure electrostatic precipitator (ESP) power levels to provide  
24 information required by the Compliance Assurance Monitoring (CAM) Plan

1 associated with the particulate matter (PM) limit of the Title V Air Operating  
2 Permit.

3

4 The BART O&M variance is \$1,469 or 35% lower than projected primarily due  
5 to a contingency amount for BART SO<sub>2</sub> monitoring that was not required as  
6 expected as it was already part of routine air emissions monitoring.

7

8 **Q. How did actual O&M expenditures for January 2013 through December**  
9 **2013 compare with DEF's estimated/actual projections for the Arsenic**  
10 **Groundwater Standard Project?**

11 A. The Arsenic Groundwater Monitoring variance is \$12,911 or 61% lower than  
12 projected due to receipt of the FDEP's response to the Arsenic Plan of Study  
13 later than expected. The Plan was submitted to the agency on April 26, 2013  
14 and a response was originally expected during the second or third quarter of  
15 2013, however, it was received on December 23, 2013. Arsenic work will  
16 continue into 2014.

17

18 **Q. How did actual capital and O&M expenditures for January 2013 through**  
19 **December 2013 compare with DEF's estimated/actual projections for the**  
20 **NPDES Project?**

21 A. The NPDES capital spend variance is \$3.3 million or 35 % lower than projected  
22 due to the need for additional project review and approval during the final  
23 design process associated with tank re-purposing. This delay resulted in work

1 originally scheduled for 2013 to transition to 2014.

2

3 The NPDES O&M variance is \$44,942 or 12% lower than projected due to  
4 project costs being less than expected during 2013. Some costs may move into  
5 2014 depending on the FDEP's feedback on the Suwannee Copper Study Plan  
6 Report that is expected to be submitted to the agency by the end of the first  
7 quarter 2014.

8

9 **Q. How did actual O&M expenditures for January 2013 through December**  
10 **2013 compare with DEF's estimated/actual projections for the MATS –**  
11 **CR4&5 Project?**

12 A. The MATS – CR4&5 O&M variance is \$91,095 or 46% lower than projected  
13 primarily due to \$78,749 of expenses inadvertently charged to the MATS –  
14 CR4&5 capital ECRC project versus the MATS – CR4&5 O&M ECRC project.  
15 An accounting entry was done the 1<sup>st</sup> quarter 2014 to transfer the charges.

16

17 **Q. How did actual O&M expenditures for January 2013 through December**  
18 **2013 compare with DEF's estimated/actual projections for the MATS –**  
19 **CR1&2 Project?**

20 A. The MATS – CR1&2 O&M variance is \$151,134 or 19% higher than projected  
21 due to the installation of a temporary Activated Carbon Injection (ACI) system  
22 on Crystal River Units 1 & 2 that was not anticipated in the 2013  
23 Estimated/Actual Filing. This system was utilized during the alternative fuel  
24 trials to evaluate the mercury reduction potential of ACI.

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**Q. In Order No. PSC 10-0683 -FOF-EI issued in Docket 100007-EI on November 15, 2010, the Commission directed DEF to file as part of its ECRC true-up testimony a yearly review of the efficacy of its Plan D and the cost-effectiveness of DEF’s retrofit options for each generating unit in relation to expected changes in environmental regulations. Has DEF conducted such a review?**

A. Yes. DEF’s yearly review of the Integrated Clean Air Compliance Plan is provided as Exhibit No. \_\_ (PQW-1).

**Q. Please summarize the conclusions of DEF’s review of its Integrated Clean Air Compliance Plan.**

A: DEF installed emission controls contemplated in its Integrated Clean Air Compliance Plan on time and within budget. The Flue Gas Desulfurization (wet scrubbers) and Selective Catalytic Reduction systems on Crystal River Units 4 & 5 have enabled DEF to comply with CAIR requirements and will continue to be the cornerstone of DEF’s integrated air quality compliance strategy. DEF is confident that the Integrated Clean Air Compliance Plan, along with compliance strategies under development, will enable it to achieve and maintain compliance with applicable regulations, including MATS, in a cost effective manner. DEF continues to evaluate additional MATS compliance options and other regulatory developments affecting fossil-fired electric generating units. The results of analysis performed to date are included in my Exhibit No. \_\_ (PQW-1).

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

2 A. Yes.

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# **Duke Energy Florida, Inc.**

## **Review of Integrated Clean Air Compliance Plan**

**Submitted to the  
Florida Public Service Commission**

April 1, 2014



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## Acronyms

ACI – Activated Carbon Injection  
BART – Best Available Retrofit Technology  
CAIR – Clean Air Interstate Rule  
CAMR – Clean Air Mercury Rule  
CAVR – Clean Air Visibility Rule  
CO<sub>2</sub> – Carbon Dioxide  
CSAPR – Cross-State Air Pollution Rule  
DSI – Dry Sorbent Injection  
EPA – Environmental Protection Agency  
EGU – Electric Generating Unit  
ESP – Electrostatic Precipitator  
FDEP – Florida Department of Environmental Protection  
FGD – Flue Gas Desulfurization  
GHG – Greenhouse Gas  
ID Fan – Induced Draft Fan  
LNB – Low NO<sub>x</sub> Burner  
MATS – Mercury and Air Toxic Standards  
NAAQS – National Ambient Air Quality Standards  
NO<sub>x</sub> – Nitrogen Oxides  
PAC – Powdered Activated Carbon  
Plan – DEF Integrated Clean Air Compliance Plan  
PM – Particulate Matter  
SCR – Selective Catalytic Reduction  
SIP – Site Implementation Plan  
SO<sub>2</sub> – Sulfur Dioxide



## **Executive Summary**

In the 2007 Environmental Cost Recovery Clause (ECRC) Docket (No. 070007-EI) and as reaffirmed in all subsequent ECRC Dockets (Nos. 080007-EI, 090007-EI, 100007-EI, 110007-EI, 120007-EI, and 130007-EI), the Public Service Commission approved Duke Energy Florida's (DEF's) updated Integrated Clean Air Compliance Plan (Plan D) as a reasonable and prudent means to comply with the requirements of the Clean Air Interstate Rule (CAIR), Clean Air Mercury Rule (CAMR), Clean Air Visibility Rule (CAVR), and related regulatory requirements. In its 2007 final order, the Commission also directed DEF to file as part of its ECRC true-up testimony "a yearly review of the efficacy of its Plan D and the cost-effectiveness of DEF's retrofit options for each generating unit in relation to expected changes in environmental regulations." This report provides the required review for 2014.

The primary original components of DEF's 2006 Compliance Plan D included:

### **Sulfur Dioxide (SO<sub>2</sub>):**

- Installation of wet scrubbers, flue gas desulfurization (FGD) system on Crystal River Units 4 and 5
- Fuel switching at Crystal River Units 1 and 2 to burn low sulfur coal
- Fuel switching at Anclote Units 1 and 2 to burn low sulfur oil
- Purchases of SO<sub>2</sub> allowances

### **Nitrogen Oxides (NO<sub>x</sub>):**

- Installation of low NO<sub>x</sub> burners (LNBS) and selective catalytic reduction (SCR) on Crystal River Units 4 and 5
- Installation of LNBS and separated over-fire air (LNB/SOFA) or alternative NO<sub>x</sub> controls at Anclote Units 1 and 2
- Purchase of annual and ozone season NO<sub>x</sub> allowances

### **Mercury:**

- Co-benefit of wet scrubbers and SCRs at Crystal River Units 4 and 5
- Installation of a mercury re-emission chemical system on Crystal River Units 4 and 5
- Installation of powdered activated carbon (PAC) injection on Crystal River Units 1 and 2 in 2015

As detailed in DEF's 2007 ECRC filing, DEF decided upon Plan D based on a quantitative and qualitative evaluation of the ability of alternative plans to meet environmental requirements, while managing risks and controlling costs. That evaluation demonstrated that Plan D is DEF's most cost-effective alternative to meet applicable regulatory requirements. The Plan was designed to strike a balance between reducing emissions, primarily through the installation of controls on DEF's largest and newest coal units (Crystal River Units 4 and 5), and making strategic use of emission allowance markets.

In accordance with the Commission's final order in the 2007 ECRC docket, the Company has continued to review the efficacy of Plan D and the cost-effectiveness of retrofit options in relation to expected changes in environmental regulations. With regard to efficacy, Plan D remains the cornerstone of DEF's efforts to comply with applicable air quality regulations in a cost-effective manner. Crystal River Units 4 and 5 FGD and SCR projects are now in-service and the targeted environmental benefits are being met or exceeded.

As indicated in previous ECRC filings, the U.S. Court of Appeals for the District of Columbia (D.C. Circuit Court of Appeals) stayed the effect of the Cross-State Air Pollution Rule (CSAPR) that the U.S. Environmental Protection Agency (EPA) had proposed to replace CAIR, leaving CAIR in effect until the court completed its review of CSAPR. In August 2012 the D.C. Circuit Court of Appeals vacated the CSAPR in its entirety, and in January 2013, the court denied EPA's petition for a rehearing of the court's decision. EPA subsequently appealed the Court's vacatur to the U.S. Supreme Court, and oral argument was heard on December 10, 2013. The CAIR continues to be in effect pending the Supreme Court's decision and/or until EPA adopts a valid replacement rule.

Additionally, on February 16, 2012, EPA issued the new Mercury and Air Toxics Standards (MATS) to replace the vacated CAMR for emissions from coal and oil-fired electric generating units (EGUs), including, potentially, DEF's Anclote Units 1 and 2, Suwannee Units 1, 2, and 3, and Crystal River Units 1, 2, 4, and 5. The following summarizes the results of DEF's MATS compliance analyses for these units:

Anclote Units 1 & 2: DEF determined that the most cost-effective option for DEF's Anclote Units 1 and 2 is to convert the units to fire 100% natural gas rather than install emission controls in order to comply with the new MATS. The Commission approved DEF's petition for ECRC recovery of costs associated with the Anclote Conversion Project in Docket 120103-EI.

Suwannee Units 1, 2 & 3: DEF determined that no further modifications are needed on Suwannee Units 1, 2 and 3 in order to comply with MATS, as they are currently capable of operating on 100% natural gas.

Crystal River Units 4 & 5: DEF anticipates that the Electrostatic Precipitators (ESPs), FGDs and SCRs at Crystal River Units 4 and 5 will allow those units to comply with the new MATS, and testing conducted in 2013 confirmed expected performance levels. In 2014, DEF plans to install a FGD chemical injection system, common to both units, to suppress potential mercury re-emission events and to ensure consistent, low emissions.

Crystal River Units 1 & 2: With respect to Crystal River Units 1 and 2, the Company has completed its analysis of two primary, long-term compliance options: installing emission controls (including Dry FGD, SCR, and Activated Carbon Injection (ACI) systems) and early retirement of the units. As discussed in last year's review of the Company's Integrated Clean Air Compliance plan, the Company has determined that it is more cost effective to retire the units and replace the generation with alternative sources over the long-term. However, as further discussed in the Company's petition currently pending in Docket No. 130301-EI, the Company has determined that use of alternative coals, along with installation of Dry Sorbent Injection (DSI), ACI and ESP enhancements, is a feasible and cost-effective means to allow the units to continue running for a limited period of time in compliance with MATS (and BART) requirements until new generation can be built.

Although EPA has begun implementation of a regulatory approach to reducing greenhouse gas (GHG) emissions through the Clean Air Act, there currently are no GHG emission standards applicable to DEF's existing units. Moreover, there are still no retrofit options commercially available to reduce carbon dioxide (CO<sub>2</sub>) emissions from fossil fuel-fired EGUs. The Company will continue to monitor and update the Commission on EPA's ongoing efforts to establish emission guidelines to address GHG from existing power plants under Section 111(d) of the federal Clean Air Act.

DEF is confident that the emission controls installed pursuant to Plan D, along with compliance strategies discussed further in this Plan, will enable the Company to achieve and maintain compliance with all applicable environmental regulations in a cost-effective manner.

## I. Introduction

In its Final Order in the 2007 ECRC Docket (No. 070007-EI) and as reaffirmed in all subsequent ECRC Dockets (Nos. 080007-EI, 090007-EI, 100007-EI, 110007-EI, 120007-EI, and 130007-EI), the Public Service Commission approved the Company's updated Integrated Clean Air Compliance Plan (Plan D) as a reasonable and prudent means to comply with the requirements of CAIR, CAMR, CAVR and related regulatory requirements. In *In re Environmental Cost Recovery Clause*, Order No. PSC-07-0922-FOF-EI, p. 8 (Nov. 16, 2007), the Commission specifically found that "PEF's [now DEF's] updated Integrated Clean Air Compliance Plan represents the most cost-effective alternative for achieving and maintaining compliance with CAIR, CAMR, and CAVR, and related regulatory requirements, and it is reasonable and prudent for PEF to recover prudently incurred costs to implement the plan." *Id.* In its final order, the Commission also directed PEF to file as part of its ECRC true-up testimony "a yearly review of the efficacy of its Plan D and the cost-effectiveness of PEF's retrofit options for each generating unit in relation to expected changes in environmental regulations." *Id.* The purpose of this report is to provide the required review for 2014.

## II. Regulatory Background

The CAIR and CAVR programs required DEF and other utilities to significantly reduce emissions of sulfur dioxide (SO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>). CAIR contemplates emission reductions in incremental phases. Phase I began in 2009 for NO<sub>x</sub> and in 2010 for SO<sub>2</sub>. Phase II is scheduled to begin in 2015 for both NO<sub>x</sub> and SO<sub>2</sub>. As noted later in this Plan, CAIR was remanded by the courts in 2008, but remains in place while EPA works on an acceptable replacement rule. The current status of permitting and implementing the Best Available Retrofit Technology (BART) requirements under CAVR is provided in part D of this section of this Plan. The CAMR originally required reduction of mercury emissions at a system level and installation of mercury monitors. As discussed later in this Plan, however, CAMR was vacated in early 2008 and on February 16, 2012, EPA published a final MATS rule.

In March 2006, the Company submitted a report and supporting testimony presenting its integrated plan for complying with the new rules, as well as the process the Company utilized in evaluating alternative plans, to the Commission. The analysis included an examination of the

projected emissions associated with several alternative plans and a comparison of economic impacts, in terms of cumulative present value of revenue requirements. The Company's Integrated Clean Air Compliance Plan, designated as Plan D, was found to be the most cost-effective compliance plan for CAIR, CAMR, and CAVR from among five alternative plans.

In June 2007, the Company submitted an updated report and supporting testimony summarizing the status of the Plan and an updated economic analysis incorporating certain Plan revisions necessitated by changed circumstances. Consistent with the approach utilized in 2006, the Company performed a quantitative evaluation to compare the ability of modified alternative plans to meet environmental requirements, while managing risks and controlling costs. That evaluation demonstrated that Plan D, as revised, is the Company's most cost-effective alternative to meet applicable regulatory requirements. Based on that analysis, the Commission approved Plan D as reasonable and prudent, and held that the Company should recover the prudently incurred costs of implementing the Plan. In each subsequent ECRC docket, the Commission has approved the Company's annual review of the Integrated Clean Air Compliance Plan. *See* Order No. PSC-13-0606-FOF-EI, at 9-10 (Nov. 19, 2013); Order No. PSC-12-0613-FOF-EI, at 16-17 (Nov. 16, 2012); Order No. PSC-11-0553-FOF-EI, at 13-14 (Dec. 7, 2011); Order No. PSC-10-0683-FOF-EI, at 6-7 (Nov. 15, 2010); Order No. PSC-09-0759-FOF-EI, at 18 (Nov. 18, 2009); Order No. 08-0775-FOF-EI, at 11 (Nov. 24, 2008).

#### **A. Status of CAIR and CSAPR**

In July 2008, the U.S. Circuit Court of Appeals for the District of Columbia (D.C. Circuit) issued a decision vacating CAIR in its entirety. *North Carolina v. EPA*, 531 F.3d 896 (D.C. Cir. 2008). However, the Court subsequently decided to remand CAIR without vacatur, thereby leaving the rule and its compliance obligations in place until EPA revises or replaces CAIR. *North Carolina v. EPA*, 550 F.3d 1176 (D.C. Cir. 2008). EPA adopted CSAPR to replace CAIR by publication in the *Federal Register* in August 2011. 76 Fed. Reg. 48,208 (Aug. 8, 2011).

In Order No. PSC-11-0553-FOF-EI issued in Docket No. 110007-EI on December 7, 2011, the Commission addressed the impact of CSAPR on the Company's recovery of NOx emission allowance costs. Because CSAPR would no longer allow the Company to use NOx allowances previously obtained under CAIR for compliance effective January 1, 2012, the

Commission established a regulatory asset to allow the Company to recover the costs of its remaining NOx allowance inventory over a three year amortization period. However, on December 30, 2011, the D.C. Circuit Court of Appeals stayed CSAPR, leaving CAIR in effect until the court completed its review of the new rule. Thus, the Company has continued to maintain its NOx allowance inventory in order to comply with CAIR. Pursuant to the stipulation approved in Order No. PSC-11-0553-FOF-EI, the Company continued to expense NOx allowance costs incurred to comply with CAIR based on actual usage consistent with current practice. In August 2012, the D.C. Circuit Court of Appeals vacated the CSAPR in its entirety, and in January 2013, the court denied EPA's petition for a rehearing of the court's decision. *See, EME Homer City Generation, L.P. v. EPA*, 696 F.3d 7 (D.C. Cir. 2013). EPA subsequently appealed the Court's vacatur to the U.S. Supreme Court, and oral argument was heard on December 10, 2013. The CAIR continues to be in effect pending the Supreme Court's decision and /or until EPA adopts a valid replacement rule.

### **B. Vacatur of CAMR and Adoption of MATS**

In February 2008, the D.C. Circuit vacated CAMR and rejected EPA's delisting of coal-fired Electric Generating Units (EGUs) from the list of emission sources that are subject to Section 112 of the Clean Air Act. *See, New Jersey v. EPA*, 517 F. 3d 574 (D.C. Cir. 2008). As a result, in lieu of CAMR, EPA was required to adopt new emissions standards for control of various hazardous air pollutant emissions from coal-fired EGUs. *Id.* EPA issued its proposed rule to replace CAMR on March 16, 2011, with publication following in the *Federal Register* on May 3, 2011. See 76 Fed. Reg. 24976 (May 3, 2011). On February 16, 2012, EPA published the final rule, which requires compliance by April 16, 2015. The rule establishes new MATS limits for emissions of various metals and acid gases from both coal- and oil-fired EGUs. The new standards apply to all existing coal- and oil-fired EGUs including DEF's Crystal River Units 1, 2, 4, and 5, Anclote Units 1 and 2, and Suwannee Units, 1, 2, and 3. Compliance generally must be achieved within three years of EPA's adoption of the standards (i.e. 2015), although the Clean Air Act authorizes permitting authorities to grant one-year compliance extensions in certain circumstances.

In the 2011 ECRC docket, the Commission recognized that EPA's adoption of the new MATS for EGUs would require the Company to modify its Integrated Clean Air Compliance

Plan. Order No. PSC-11-0553-FOF-EI, at 11 (Dec. 7, 2011). Accordingly, consistent with the Commission's expectation that utilities "take steps to control the level of costs that must be incurred for environmental compliance," Order No. PSC-08-0775-FOF-EI, at 7 (Nov. 24, 2008), the Commission approved the Company's request to recover costs incurred to assess EPA's proposed rule, to prepare comments to the EPA, and to develop compliance strategies within the aggressive regulatory timeframes proposed by EPA. Specifically, in 2011 and 2012, DEF requested and the Commission approved costs to perform emission testing, and engineering and other analysis necessary to develop compliance strategies at Crystal River Units 4 and 5. Results of 2012 analyses support the expectations stated in the 2012 Integrated Clean Air Plan that the FGDs and SCRs at Crystal River Units 4 and 5 will allow those units to comply with the new MATS standards. DEF conducted further testing in 2013, and those results confirmed expected performance levels. In 2014, DEF plans to install a FGD chemical injection system, common to both units, to suppress potential mercury re-emission events and to ensure consistent, low emissions. The Company also completed its analysis of the impact of the new MATS on Suwannee Units 1, 2 and 3 and determined that no further modifications are needed on those units, as they are currently capable of operation on 100% natural gas. In Docket 120103-EI, the Commission approved the Company's request for ECRC recovery of costs associated with the conversion of Anclote Units 1 and 2 to 100% natural gas fired capability as part of DEF's MATS compliance strategy. Finally, with respect to MATS compliance for Crystal River Units 1 and 2, as detailed in the Company's 2013 review, DEF has determined that the most cost-effective long-term compliance option, given the current state of technology, is to retire the units. However, as further discussed in DEF's petition currently pending in Docket No. 130301-EI, the Company has determined that use of alternative coals, along with installation of Dry Sorbent Injection/Activated Carbon Injection (DSI/ACI) and ESP enhancements, is a feasible and cost-effective means to allow the units to continue running for a limited period of time in compliance with MATS (and BART) requirements until new generation can be built.

### **C. Greenhouse Gas Regulation**

In 2007, then-Governor Crist issued Executive Order 07-127 directing the Florida Department of Environmental Protection (FDEP) to promulgate regulations requiring reductions in utility CO<sub>2</sub> emissions. In addition, the 2008 Florida Legislature enacted legislation

authorizing FDEP to adopt rules establishing a cap-and-trade program and requiring FDEP to submit any such rules for legislative review and ratification. However, FDEP did not adopt any cap-and-trade rules, and the Legislature subsequently repealed the 2008 law. Likewise, although a number of bills that would regulate GHG emissions have been introduced to Congress over the past several years, none have passed both houses. In the meantime, EPA has begun implementation of a regulatory approach to reducing GHG emissions through the Clean Air Act. At this time, however, there are no GHG emission standards applicable to DEF's existing generating units. Moreover, there are still no retrofit options commercially available to reduce CO<sub>2</sub> emissions from fossil fuel-fired electric generating units such as Crystal River Units 4 and 5, which are the primary focus of DEF's compliance plan. To date, there have been no large-scale commercial carbon capture and storage technology demonstrations on electric utility units. Until numerous technological, regulatory and liability issues are resolved, it will be impossible to determine whether carbon capture and storage would be a technically-feasible or cost-effective means of complying with a CO<sub>2</sub> regulatory regime. Moreover, replacing coal-fired generation from Crystal River Units 4 and 5 with lower CO<sub>2</sub>-emitting natural gas-fired combined cycle generation is not a viable option at this late date, particularly given the fact that DEF has placed in service the Plan D components.

On June 25, 2013, President Obama issued a Presidential Memorandum directing the EPA to establish GHG emission guidelines for existing power plants under Section 111(d) of the Clean Air Act. The Presidential Memorandum directs EPA to issue proposed GHG standards, regulations or guidelines, as appropriate, for existing power plants by no later than June 1, 2014, and issue final standards, regulations or guidelines, as appropriate, by no later than June 1, 2015. In addition, the Presidential Memorandum directs EPA to include a requirement in the new regulations that states submit SIPS to implement the new guidelines by no later than June 30, 2016. The Company will continue to monitor and update the Commission these ongoing efforts.

#### ***D. Status of BART***

In 2009, FDEP issued a permit imposing BART requirements for particulate matter emissions from Crystal River Units 1 and 2. The 2009 permit did not impose BART requirements for SO<sub>2</sub> and NO<sub>x</sub> emissions because, at the time, EPA assumed that compliance with CAIR would satisfy BART requirements for SO<sub>2</sub> and NO<sub>x</sub>. Following the adoption of



CSAPR, in early 2012 EPA revised its previous determination to replace the “CAIR satisfies BART” assumption with “CSAPR satisfies BART.” Although the CSAPR was subsequently vacated, leaving CAIR in effect, EPA has yet to revise its determination back to “CAIR satisfies BART” and, in any event, must still eventually replace CAIR. Therefore, the determination that “CAIR satisfies BART” for SO<sub>2</sub> and NO<sub>x</sub> is currently unresolved and ultimately will no longer be valid when EPA adopts a replacement for CAIR. As a result, in 2012, the Company worked with FDEP to develop and finalize air construction permits to address SO<sub>2</sub> and NO<sub>x</sub> emissions from Crystal River Units 1 and 2 in support of FDEP’s development of a revised Regional Haze State Implementation Plan (SIP) to address CAVR requirements for SO<sub>2</sub> and NO<sub>x</sub>. The permits call for the installation of Dry FGD and SCR no later than January 1, 2018, or within 5 years of the effective date of EPA’s approval of the Florida Regional Haze SIP, whichever is later, or alternatively the discontinuation of the use of coal in Crystal River Units 1 and 2 by December 31, 2020. As discussed in the Company’s 2013 Integrated Clean Air Compliance Plan, FDEP subsequently submitted to EPA a revised Regional Haze SIP containing unit- specific determinations for SO<sub>2</sub> and NO<sub>x</sub>, including the new permit requirements for Crystal River Units 1 and 2. EPA formally approved FDEP’s revised Regional Haze SIP in August, 2013. *See* 78 *Fed Reg.* 53250 (Aug. 29, 2013). Although third parties have recently petitioned for review of EPA’s approval in the U.S. Court of Appeals for the Eleventh Circuit, the approval has not been stayed and remains in effect pending the outcome of the litigation.

#### ***E. Status of National Ambient Air Quality Standards (NAAQS)***

EPA and FDEP are working to implement a new 1-hour National Ambient Air Quality Standard (NAAQS) for SO<sub>2</sub>. In mid-2013, EPA finalized nonattainment designations for two small areas in Florida outside of DEF’s service territory (one in Nassau County, one in Hillsborough County) based on existing monitoring data. EPA deferred making any area designations (attainment, nonattainment, or unclassifiable) for the remainder of the state. EPA is currently expected to release a proposed rule in 2014 that will describe requirements for additional ambient air quality monitoring and/or modeling that will be used to determine future rounds of area designations. Under that proposal, EPA would likely make future nonattainment designations in late 2017 for modeled areas and in late 2020 for monitored areas. DEF will

continue to monitor these regulatory efforts and update the Commission if it appears they may impact DEF's facilities.

EPA also revised its NAAQS for nitrogen dioxide (NO<sub>2</sub>) to implement a new 1-hour standard. At this time, however, DEF does not anticipate that the new standard will require implementation of new compliance measures at DEF facilities.

### ***III. DEF's Integrated Clean Air Compliance Plan***

The Company's original compliance plan (Plan D) will continue to help DEF meet applicable environmental requirements by striking a good balance between reducing emissions, primarily through installation of controls on DEF's largest and newest coal units (Crystal River Units 4 and 5), and making strategic use of the allowance markets to comply with CAIR requirements. The controls installed in accordance with Plan D will continue to be the cornerstone of DEF's compliance strategy with the adoption of MATS and other ongoing regulatory efforts. Specific components of the Plan are summarized below.

#### ***A. FGD Systems***

The most significant component of DEF's Integrated Clean Air Compliance Plan is the installation of FGD systems, also known as wet scrubbers, on Crystal River Units 4 and 5 to comply with SO<sub>2</sub> requirements of CAIR, Title IV of the Clean Air Act, and SO<sub>2</sub> control requirements in DEF's air permits for these units. Together with the SCR systems discussed below, the FGDs also reduce mercury and other air toxic emissions and, therefore, will be a key component of DEF's MATS compliance strategy. The co-benefits of the FGDs and SCRs are expected to reduce mercury emissions by approximately 90%.

#### ***B. SCR & Other NO<sub>x</sub> Controls***

The primary component of DEF's NO<sub>x</sub> compliance plan is the installation of LNBS and SCR systems on Crystal River Units 4 and 5. These controls enable DEF to comply with CAIR and other NO<sub>x</sub> control requirements included in DEF's air permits for the units. As discussed above, the SCRs also will help achieve MATS requirements for mercury. DEF has also taken strategic advantage of CAIR's cap-and-trade feature by purchasing some annual and ozone season NO<sub>x</sub> allowances.

### **C. Additional MATS Compliance Strategies**

The Company determined that the most cost-effective option for DEF's Anclote Units 1 and 2 is to convert the units to fire 100% natural gas rather than install emission controls in order to comply with the new MATS for oil-fired EGUs. This was approved by the Commission in Docket 120103-EI.

With respect to Suwannee Units 1, 2 and 3, DEF intends to comply with MATS by running the units exclusively on natural gas.

As noted above, DEF will utilize the co-benefits of the existing FGD and SCR systems as the primary MATS compliance measure for Crystal River Units 4 and 5, and DEF conducted tests in 2013 to confirm expected performance levels. In 2014, DEF plans to install a FGD chemical injection system, common to both units, to suppress mercury re-emission events and to ensure consistent, low emissions.

DEF has completed its evaluation as to the most cost-effective MATS compliance option for Crystal River Units 1 and 2. As discussed in last year's review of the Company's Integrated Clean Air Compliance plan, the Company has determined that it is more cost effective to retire the units and replace the generation with alternative sources over the long-term. However, as further discussed in the Company's petition currently pending in Docket No. 130301-EI, the Company has determined that use of alternative coals, along with installation DSI, ACI and ESP enhancements, is a feasible and cost-effective means to allow the units to continue running for a limited period of time in compliance with MATS (and BART) requirements until new generation can be built.

### **D. Visibility Requirements**

DEF operates four units that are potentially subject to BART under CAVR: Anclote Units 1 and 2 and Crystal River Units 1 and 2. Based on modeling of air emissions from Anclote Units 1 and 2, those units are exempt from BART for particulate matter. Because the modeling results for Crystal River Units 1 and 2 showed visibility impacts at or above regulatory threshold levels, DEF obtained a BART permit in 2009 for particulate matter for those units. This permit established a combined BART particulate matter emission standard for Crystal River Units 1 and 2 that required demonstration of compliance by October 1, 2013; this deadline was met and the units now operate in compliance with the permit which was effective on January 1, 2014. As

discussed above, in 2012, FDEP issued air construction permits addressing SO<sub>2</sub> and NO<sub>x</sub> requirements for Crystal River Units 1 and 2 in support of FDEP's development of a revised Regional Haze SIP. Crystal River Units 1 and 2 are also subject to the Reasonable Further Progress ("Beyond BART") requirements under CAVR which are scheduled to take effect in 2018. As presented in the Company's petition currently pending in Docket No. 130301-EI, DEF has determined that the use of alternative coals with installation of less expensive pollution controls will provide a cost-effective means for DEF to continue operating CR 1 and 2 in compliance with MATS and CAVR for a limited time until replacement generation can be constructed.

## **IV. Efficacy of DEF's Plan**

### ***A. Project Milestones***

DEF completed installation of Plan D's controls on Crystal River Units 4 and 5 as contemplated in prior ECRC filings. Units 4 and 5 FGD and SCR projects are now in-service and the targeted environmental benefits have been met or exceeded. As noted above, in addition to reducing SO<sub>2</sub> and NO<sub>x</sub> emissions, the FGDs and SCRs have the combined effect of reducing emissions of mercury and other air toxics which will contribute to DEF's plans to comply with the new MATS.

With regard to Crystal River Units 1 and 2, the Company's evaluations are now focused on the preferred approach for replacement power, transmission system requirements and operational compliance requirements for system operation following the retirement of the units as proposed in its December 31, 2013 petition in Docket No. 130301-EI. DEF also is in the process of obtaining permits necessary to install pollution controls needed to extend operation of Crystal River Units 1 and 2 in compliance with MATS and BART requirements until replacement power can be secured.

As noted above, DEF has determined that converting Anclote Units 1 and 2 to fire 100% natural gas is more cost-effective than installing emission controls in order to comply with the new MATS for oil-fired units. Conversion of both Anclote Units was completed in 2013, although the necessary upgrade to the FD fans to maintain unit output will be completed in 2014.

DEF also completed its analysis of the impact of MATS on Suwannee Units 1, 2 and 3 and determined that no further modifications are needed.

### ***B. Projects Costs***

Crystal River Units 4 and 5 FGD and SCR projects are now in-service, and the targeted environmental benefits have been met or exceeded. DEF currently projects the costs of converting the Anclote units to fire 100% natural gas to be \$137 million. As discussed in the Company's petition currently pending in Docket No. 130301-EI, the total project costs associated with the continued operation of Crystal River Units 1 and 2 in compliance with MATS and BART requirements is approximately \$28 million.

### ***C. Uncertainties***

The impacts of ongoing federal rulemaking activities on the compliance plan include:

- The outcome of now pending regulation on cooling water intake structures (Clean Water Act Section 316(b)) that could influence decisions with regard to control technologies to meet new standards. The rule is expected to be issued on or before April 17, 2014 per a February 2014 amendment to a settlement agreement between the EPA and Riverkeeper. Once its requirements are assessed in conjunction with air regulations, DEF's compliance strategies may be altered.
- EPA's proposed updated Steam Electric Effluent Limitation Guidelines for electric power plants in the summer of 2013 with final adoption pending negotiations between the EPA and environmental groups. These guidelines are expected to affect decisions associated with the treatment of wastewater generated by wet FGDs.
- As discussed above, in 2012 DEF worked with the FDEP to address the SO<sub>2</sub> and NO<sub>x</sub> requirements in support of FDEP's development of a revised Regional Haze SIP. EPA formally approved the revised SIP in August, 2013, but review of EPA's approval is pending before the U.S. Court of Appeals for the Eleventh Circuit.

## **V. Conclusion**

DEF has completed installation of the emission controls contemplated in its approved Plan D on time and within budget. The new FGD and SCR systems at Crystal River Units 4 and 5 have enabled DEF to comply with CAIR requirements and will continue to be the cornerstone of DEF's integrated air quality compliance strategy for years to come. DEF is confident that Plan D, along with compliance strategies under development, will enable the Company to achieve and maintain compliance with all applicable regulations, including MATS, in a cost-effective manner.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

MARK HELLSTERN

ON BEHALF OF

DUKE ENERGY FLORIDA

DOCKET NO. 140007-EI

April 1, 2014

**Q. Please state your name and business address.**

A. My name is Mark Hellstern. My business address is 1729 Bailles Bluff Rd.  
Holiday, Florida, 34691.

**Q. By whom are you employed and in what capacity?**

A. I am employed by Duke Energy Florida (DEF) as the Project Director for the  
Anclote Gas Conversion Project.

**Q. What are your responsibilities in that position?**

A. My responsibilities entail major project planning and execution, including  
oversight, construction, commissioning and start up. My primary duties involve  
managing engineering activities to ensure project scope is accurate and  
complete, providing input to estimate development, assisting in the development  
of project execution, and contracting strategies, and providing input to the  
overall project schedules and oversight of construction execution. These duties

1 are relevant to projects that emerge from system planning and environmental  
2 planning activities where specific projects are identified as viable projects that  
3 will move forward into funding, contracting, design, construction and startup  
4 phases. My area generally accommodates projects in excess of \$50 million in  
5 value.

6

7 **Q. Please describe your educational background and professional experience.**

8 A. I started with DEF in December 2011 as the Major Project Manager for the  
9 Crystal River Unit 3 Containment Repair Project, and was responsible for  
10 managing engineering activities, estimate development, scope certainty, project  
11 staffing and management, options analysis, and contract negotiations and  
12 selection of vendors to repair the containment structure. In late 2012, I assumed  
13 a rotational assignment as Manager, Project Governance in support of building  
14 project management governance and processes for the newly merged company.  
15 I assumed the position as Project Director for the Anclote Gas Conversion  
16 Project in late June 2013 due to George Hixon's retirement. Previously, from  
17 2009-2011, I was employed by Tennessee Valley Authority as General  
18 Manager, Nuclear Generation Development and Construction for Quality and  
19 Construction Oversight. In this capacity, I was responsible for the development  
20 and implementation of nuclear construction quality programs, construction  
21 oversight and project management processes. I had oversight of the Watts Bar II  
22 Completion Project, Bellefonte Completion Project, and Major Nuclear Outages  
23 over \$100M. In a rotational leadership assignment, I was also the Senior



1           Manager, Project Support and Infrastructure, for the Bellefonte Nuclear Plant  
2           Construction Completion Project. In 2009, I retired as a Captain in the US Navy  
3           after 26 years of service. In my last assignment, from 2006-2009, I was the  
4           Senior Advisor to the Director, Naval Reactors, for Aircraft Carrier Operations  
5           and Fleet Training Initiatives, and was the Senior Naval Officer charged with  
6           oversight of the Navy's 11 nuclear aircraft carriers for safe operations,  
7           maintenance, construction, and refueling including the training programs for  
8           over 1500 nuclear operators. I served on 8 ships through 11 combat  
9           deployments and commanded the USS HAYLER (DD 997). I have led or had  
10          leadership roles in shipbuilding and commercial projects ranging from \$3M to  
11          \$5B. I served in the Pentagon as the Secretary of Defense Deputy Director for  
12          Asian and Pacific Affairs and as the Executive Assistant to the Principle Deputy  
13          Secretary of Defense for Policy. I hold a BS in Marine Engineering from the US  
14          Naval Academy and an MS in Physics with Distinction from the US Naval  
15          Postgraduate School. I am a distinguished graduate of the Air Command and  
16          Staff College and was the Senior Military Fellow at MIT in Security Studies.

17

18   **Q:    Have you previously filed testimony before this Commission in connection**  
19   **with DEF's Environmental Cost Recovery Clause?**

20   A.    Yes.

21

22

23

1 **Q. What is the purpose of your testimony?**

2 A. The purpose of my testimony is to provide an update on the Mercury and Air  
3 Toxics Standards (MATS) - Anclote Gas Conversion Project (Project 17.1) and  
4 to explain material variances between actual and estimated/actual project  
5 expenditures for the period January 2013 through December 2013.

6

7 **Q. What is the estimated total project costs for the MATS – Anclote Gas  
8 Conversion Project?**

9 A. DEF's current estimate to complete is approximately \$137 million.

10

11 **Q. Does the Anclote Gas Conversion Project remain on schedule to meet its  
12 targeted in-service date?**

13 A. Yes, as indicated in my August 30, 2013 direct testimony in Docket No.  
14 130007-EI, gas conversion work was completed in July 2013 for Unit 1 and  
15 December 2013 for Unit 2. The FD fan modifications are scheduled for 2014.  
16 Unit 1 FD fan modification work is in progress and is expected to be completed  
17 in late Spring 2014. Unit 2 FD fan modification work is scheduled for Fall  
18 2014.

19

20 **Q: Please explain the variance between actual project expenditures and  
21 estimated/actual projections for the Anclote Gas Conversion Project for the  
22 period January 2013 to December 2013.**

1 A. The project expenditure variance for the Anclote Gas Conversion Project is  
2 approximately \$9M higher than projected. This variance is primarily  
3 attributable to expenditures in 2013 for the gas conversion scopes of work for  
4 Unit 1 and Unit 2 including: 1) installation of increased electrical and piping  
5 quantities to complete gas conversion work on both units, 2) early arrival of the  
6 Unit Auxiliary Transformers for the new FD fan modifications in 2013 versus  
7 2014 and 3) accounting accruals of Alstom large equipment deliveries and  
8 contractual payments.

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

11 A. Yes.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

COREY ZEIGLER

ON BEHALF OF

DUKE ENERGY FLORIDA

DOCKET NO. 140007-EI

April 1, 2014

**Q. Please state your name and business address.**

A. My name is Corey Zeigler. My business address is 299 First Avenue North, St. Petersburg, Florida 33701.

**Q. By whom are you employed and in what capacity?**

A. I am employed by Duke Energy Florida (DEF) as the Manager Environmental Health and Safety for Transmission and Distribution.

**Q. What are your responsibilities in that position?**

A. Currently, my responsibilities include providing oversight and subject matter expert resources to the Transmission and Distribution Business Units for managing Environmental Health and Safety (EH&S) compliance.

1 **Q. Please describe your educational background and professional experience.**

2 A. I received a Bachelor of Science degree in General Business Administration and  
3 Management from the University of South Florida. Prior to my current EH&S  
4 Manager role, I was the Environmental Permitting and Compliance Manager for  
5 Energy Delivery. I have 23 years of experience in the utility industry holding  
6 various operational, supervisor and managerial roles at DEF.

7

8 **Q. Have you previously filed testimony before this Commission in connection**  
9 **with DEF's Environmental Cost Recovery Clause (ECRC)?**

10 A. Yes.

11

12 **Q. What is the purpose of your testimony?**

13 A. The purpose of my testimony is to explain material variances between actual and  
14 estimated/actual project expenditures for environmental compliance costs  
15 associated with DEF's Substation Environmental Investigation, Remediation,  
16 and Pollution Prevention Program (Project 1 & 1a), Distribution System  
17 Environmental Investigation, Remediation, and Pollution Prevention Program  
18 (Project 2) and Sea Turtle Coastal Street Lighting Program (Project 9) for the  
19 period January 2013 through December 2013.

20

21 **Q. How did actual O&M expenditures for January 2013 through December**  
22 **2013 compare with DEF's estimated/actual projections as presented in**  
23 **previous testimony and exhibits for the Substation System Program?**

1 A. The project expenditure variance for the Substation System Program is \$438,593  
2 or 11% lower than projected. This variance is attributable to the inability to  
3 conduct scheduled remediation at some substation sites during the course of  
4 2013. Several sites could not be remediated pending repairs and construction  
5 activities. In addition, a re-grading project at the Windermere substation was  
6 delayed due to an ongoing issue at the site retaining water during rain events  
7 throughout the year.

8

9 **Q. How did actual O&M expenditures for January 2013 through December**  
10 **2013 compare with DEF's estimated/actual projections as presented in**  
11 **previous testimony and exhibits for the Distribution System Program?**

12 A. The project expenditure variance for the Distribution System Program is \$4,652  
13 or 4% higher than projected due to unexpected deviations at the TRIP sites. A  
14 total of five remaining transformer sites were scheduled for abatement work in  
15 2013 of which two were completed. Of the five sites, three required monitoring  
16 wells, one required additional soil sampling and one is pending further sampling  
17 based on clean-up criteria in the TRIP Environmental Remediation Strategy.  
18 Natural attenuation monitoring was implemented at two of the uncompleted  
19 sites. DEF is waiting for owner consent to install a monitoring well at the third  
20 site.

21

22 **Q. How did actual O&M expenditures for January 2013 through December**  
23 **2013 compare with DEF's estimated/actual projections as presented in**

1           **previous testimony and exhibits for the Sea Turtle Coastal Street Lighting**  
2           **Program?**

3    A.    The project expenditure variance for the Sea Turtle Coastal Street Lighting  
4           Program is \$600 or 100% lower than projected. This variance is due to no turtle  
5           compliance issues that needed to be rectified in 2013.

6

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

8    A.    Yes.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

JEFFREY SWARTZ

ON BEHALF OF

DUKE ENERGY FLORIDA

DOCKET NO. 140007-EI

April 1, 2014

**Q. Please state your name and business address.**

A. My name is Jeffrey Swartz. My business address is 299 1<sup>st</sup> Avenue North, St. Petersburg, FL 33701.

**Q. By whom are you employed and in what capacity?**

A. I am employed by Duke Energy Florida (DEF) as Vice President – Power Generation Florida.

**Q. What are your responsibilities in that position?**

A. As Vice President of DEF’s Power Generation organization, my responsibilities include overall leadership and strategic direction of DEF’s power generation fleet. My major duties and responsibilities include strategic and tactical planning to operate and maintain DEF’s non-nuclear generation fleet; generation fleet project and additions recommendations; major maintenance programs; outage and project management; retirement of generation facilities; asset



1 allocation; workforce planning and staffing; organizational alignment and  
2 design; continuous business improvements; retention and inclusion; succession  
3 planning; and oversight of hundreds of employees and hundreds of millions of  
4 dollars in assets and capital and operating budgets.

5  
6 **Q. Please describe your educational background and professional experience.**

7 A. I earned a Bachelor of Science degree in Mechanical Engineering from the  
8 United States Naval Academy 1985. I have 12 years of power plant and  
9 production experience in various managerial and executive positions within  
10 Duke Energy managing Fossil Steam Operations, Combustion Turbine  
11 Operations and Nuclear Plant Operations. While at Duke Energy I have  
12 managed new unit projects from construction to operations, and I have extensive  
13 contract negotiation and management experience. My prior experience also  
14 includes nuclear engineering and operations experience in the United States  
15 Navy and project management, engineering, supervisory and management  
16 experience with a pulp, paper and chemical manufacturing company.

17

18 **Q. Have you previously filed testimony before this Commission in connection**  
19 **with DEF's Environmental Cost Recovery Clause (ECRC)?**

20 A. Yes.

21

22 **Q. What is the purpose of your testimony?**

1 A. The purpose of my testimony is to explain material variances between actual and  
2 estimated/actual project expenditures for environmental compliance costs  
3 associated with DEF's Integrated Clean Air Compliance Program (Project 7.4)  
4 for the period January 2013 through December 2013.

5  
6 **Q. How do actual O&M expenditures for January 2013 through December**  
7 **2013 compare with DEF's estimated/actual projections for the**  
8 **CAIR/CAMR Crystal River Program?**

9 A. The CAIR/CAMR Crystal River O&M variance is \$5 million or 14% lower  
10 than projected. This variance is primarily attributable to \$1.7 million lower than  
11 expected costs for CAIR Crystal River Project 7.4 – Base and \$3.3 million lower  
12 than expected costs for CAIR Crystal River Project 7.4 - Energy.

13  
14 **Q: Please explain the variance between actual project expenditures and the**  
15 **estimated/actual projections for the CAIR Crystal River Project – Base for**  
16 **the period January 2013 to December 2013?**

17 A: DEF's O&M costs for CAIR Crystal River Project – Base for 2013 were \$1.7  
18 million or 10% lower than projected. This variance is primary driven by \$1.2  
19 million lower FGD pond cleanout costs due to a miscalculation by the  
20 contractor of the density and amount of material to be removed in its bid  
21 proposal.

22

1 **Q. Please explain the variance between actual project expenditures and the**  
2 **estimated/actual projections for the CAIR Crystal River Project – Energy**  
3 **for the period January 2013 to December 2013?**

4 A. DEF's O&M costs for reagents and by-products for 2013 were \$3.3 million or  
5 19% lower than projected. This variance is primarily due to a \$2 million  
6 gypsum variance as a result of lower than expected disposal volume and reduced  
7 sales expense, and a \$1.3 million limestone variance driven by favorable pricing  
8 terms in new supply and trucking contracts.

9  
10 **Q. Does this conclude your testimony?**

11 A. Yes.

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