

# Hopping Green & Sams

Attorneys and Counselors

August 1, 2012

RECEIVED-PPSC  
12 AUG - 1 PM 4:16  
COMMISSION  
CLERK

**BY HAND-DELIVERY**

Ann Cole  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399

Re: Docket No. 120007-EI

Dear Ms. Cole:

On behalf of Progress Energy Florida, Inc. (PEF), I enclose for filing in the above docket the original and fifteen (15) copies of the following:

- PEF's Petition for Approval of 2012 Environmental Cost Recovery Estimated/Actual True-up;
- 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 Nos. \_\_ (PQW-1), (PQW-2) and (PQW-3);
- Pre-filed Direct Testimony of Jeff Swartz;
- Pre-filed Direct Testimony of Joel Moran; and
- Pre-filed Direct Testimony of Corey Zeigler.

By copy of this letter, the enclosed documents have been furnished to the parties on the attached certificate of service.

COM 5 (testimony only)  
AFD 1  
APA \_\_\_\_\_  
ECO \_\_\_\_\_  
ENG \_\_\_\_\_  
GCL \_\_\_\_\_  
IDM \_\_\_\_\_  
TEL \_\_\_\_\_  
CLK 1-Ct Rep (testimony only)

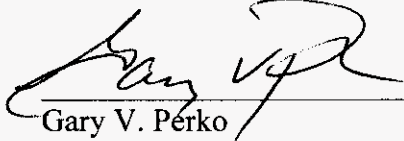
DOCUMENT NUMBER-DATE  
05191 AUG-1 12  
FPSC-COMMISSION CLERK

Ms. Ann Cole  
August 1, 2012  
Page 2

Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning it to me. If you have any questions regarding this filing, please give me of us a call at 222-7500.

Very truly yours,

HOPPING GREEN & SAMS, P.A.

By:   
Gary V. Perko

Attorneys for PROGRESS ENERGY FLORIDA, INC.

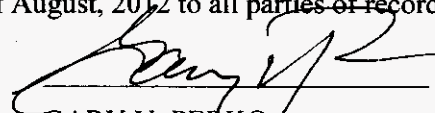
cc: Certificate of Service

Hopping Green & Sams

Attorneys and Counselors

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via hand-delivery(\*) or regular U.S. Mail this 1<sup>st</sup> day of August, 2012 to all parties of record as indicated below.

  
GARY V. PERKO

<p>Charles Murphy, Esq*. Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 <a href="mailto:cmurphy@psc.state.fl.us">cmurphy@psc.state.fl.us</a></p> <p>James D. Beasley, Esq. Jeffry Wahlen, Esq. Ausley &amp; McMullen Law Firm P.O. Box 391 Tallahassee, FL 32302 <a href="mailto:jbeasley@ausley.com">jbeasley@ausley.com</a></p> <p>John T. Butler, Esq. Florida Power &amp; Light Co. 700 Universe Boulevard Juno Beach, FL 33408 <a href="mailto:John.butler@fpl.com">John.butler@fpl.com</a></p> <p>Ken Hoffman Florida Power &amp; Light 215 S. Monroe Street, Ste. 810 Tallahassee, FL 32301-1859 <a href="mailto:Wade.litchfield@fpl.com">Wade.litchfield@fpl.com</a></p> <p>Jeffrey A. Stone, Esq. Russell A. Badders, Esq. Steven R. Griffin Beggs &amp; Lane Law Firm P.O. Box 12950 Pensacola, FL 32591 <a href="mailto:jas@beggslane.com">jas@beggslane.com</a> <a href="mailto:rab@beggslane.com">rab@beggslane.com</a>; <a href="mailto:srg@beggslane.com">srg@beggslane.com</a></p> <p>Ms. Paula K. Brown Tampa Electric Company P.O. Box 111 Tampa, FL 33601 <a href="mailto:regdept@tecoenergy.com">regdept@tecoenergy.com</a></p> <p>Capt Samuel Miller c/o AFLSA/JACL-ULT 139 Barnes Drive, Suite 1 Tyndall AFB, FL 32403-5319 <a href="mailto:samuel.miller@tyndall.af.mil">samuel.miller@tyndall.af.mil</a></p>	<p>J.R.Kelly/Charles Rehwinkel Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, #812 Tallahassee, FL 32399 <a href="mailto:Kelly.jr@leg.state.fl.us">Kelly.jr@leg.state.fl.us</a> <a href="mailto:Rehwinkel.charles@leg.state.fl.us">Rehwinkel.charles@leg.state.fl.us</a></p> <p>Mr. James W. Brew, Esq. c/o Brickfield Law Firm 1025 Thomas Jefferson St., NW 8<sup>th</sup> Floor, West Tower Washington, DC 20007 <a href="mailto:jbrew@bbrslaw.com">jbrew@bbrslaw.com</a></p> <p>Keefe Law Firm Vicki Gordon Kaufman Jon C. Moyle, Jr. 118 North Gadsden Street Tallahassee, FL 32301 <a href="mailto:vkaufman@moylelaw.com">vkaufman@moylelaw.com</a> <a href="mailto:jmoyle@moylelaw.com">jmoyle@moylelaw.com</a></p> <p>Ms. Susan D. Ritenour Gulf Power Company One Energy Place Pensacola, FL 32520-0780 <a href="mailto:sdriteno@southernco.com">sdriteno@southernco.com</a></p> <p>White Springs Agricultural Chemicals P.O. Box 300 White Springs, FL 32096 <a href="mailto:Rmiller@pcsphosphate.com">Rmiller@pcsphosphate.com</a></p> <p>R. Alexander Glenn/John Burnett/Dianne Triplett P.O. Box 14042 St. Petersburg, FL 33733 <a href="mailto:John.burnett@pgnmail.com">John.burnett@pgnmail.com</a> <a href="mailto:Dianne.triplett@pgnmail.com">Dianne.triplett@pgnmail.com</a></p> <p>Paul Lewis, Jr. 106 E. College Ave., Ste. 800 Tallahassee, FL 32301 <a href="mailto:Paul.lewisjr@pgnmail.com">Paul.lewisjr@pgnmail.com</a></p>
---	---

## BEFORE THE PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 120007-EI

Dated: August 1, 2012

**PROGRESS ENERGY FLORIDA'S PETITION FOR APPROVAL OF 2012 ENVIRONMENTAL COST RECOVERY ESTIMATED/ACTUAL TRUE-UP**

Progress Energy Florida, Inc. ("the Company"), hereby petitions for approval of its environmental cost recovery clause ("ECRC") estimated/actual true-up for the period January 2012 to December 2012. In support of this Petition, PEF states:

1. As discussed in the pre-filed testimony of Thomas G. Foster filed contemporaneously with this Petition, PEF's total estimated/actual true-up for this period is an over-recovery, including interest, of \$14,632,974. This amount will be added to the final true-up under-recovery of \$1,688,551 for 2011 discussed in the testimony of Will Garrett filed on April 2, 2012, resulting in a net over-recovery of \$12,944,423. Documentation supporting the estimated/actual and net true-up under-recovery is contained in Commission Schedules 42-1E through 42-9E, which are provided as Exhibit No. \_\_ (TGF-1) to Mr. Foster's pre-filed testimony. Additional cost information for specific ECRC programs are presented in the pre-filed testimony of Patricia Q. West, Jeff Swartz, Cory Ziegler and Joel Moran which also are being filed contemporaneously with this Petition.

2. The ECRC estimated/actual true-up presented in Mr. Foster's testimony and exhibits are consistent with the provisions of Section 366.8255, Florida Statutes, and with prior rulings by the Commission.

DOCUMENT NUMBER - DATE

05191 AUG-1 2012

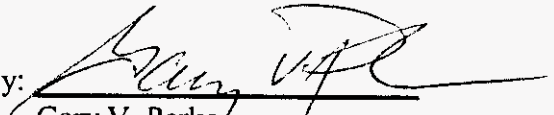
FPSC-COMMISSION CLERK

WHEREFORE, Progress Energy Florida, Inc., respectfully requests that the Commission:  
approve the Company's ECRC estimated/actual true-up for the period January 2012 through  
December 2012 as set forth in the testimony and supporting exhibits of Mr. Foster.

RESPECTFULLY SUBMITTED this <sup>1<sup>st</sup></sup> day of August, 2012.

R. Alexander Glenn  
General Counsel - Florida  
John T. Burnett  
Associate General Counsel  
PROGRESS ENERGY SERVICE  
COMPANY, LLC  
Post Office Box 14042  
St. Petersburg, FL 33733-4042

HOPPING GREEN & SAMS, P.A.

By:   
Gary V. Perko  
119 S. Monroe St., Suite 300 (32301)  
P.O. Box 6526  
Tallahassee, FL 32314  
gperko@hgslaw.com  
Tel.: (850) 425-2359  
Fax: (850) 224-8551

Attorneys for Progress Energy Florida, Inc.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

THOMAS G. FOSTER

ON BEHALF OF

PROGRESS ENERGY FLORIDA

DOCKET NO. 120007-EI

AUGUST 1, 2012

**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 Progress Energy Service Company, LLC as Supervisor of Regulatory Planning Florida.

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

A. I am responsible for regulatory planning and cost recovery for Progress Energy Florida, Inc. (PEF). These responsibilities include: regulatory financial reports; and analysis of state, federal and local regulations and their impact on PEF. In this capacity, I am also responsible for PEF's 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 Progress Energy on October 31, 2005 as a Senior Financial analyst in  
3 the Regulatory group. In that capacity I supported the preparation of testimony  
4 and exhibits associated with various Dockets. In late 2008, I was promoted to  
5 Supervisor Regulatory Planning. Prior to working at Progress I was the  
6 Supervisor in the Fixed Asset group at Eckerd Drug. In this role I was  
7 responsible for ensuring proper accounting for all fixed assets as well as various  
8 other accounting responsibilities. I have six years of experience related to the  
9 operation and maintenance of power plants obtained while serving in the United  
10 States Navy as a Nuclear operator. I received a Bachelors of Science degree in  
11 Nuclear Engineering Technology from Thomas Edison State College. I received  
12 a Masters of Business Administration with a focus on finance from the  
13 University of South Florida and I am a Certified Public Accountant in the State  
14 of Florida.

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

17 A. The purpose of my testimony is to present, for Commission review and  
18 approval, Progress Energy Florida's Estimated/Actual True-up costs associated  
19 with Environmental Compliance activities for the period January 2012 through  
20 December 2012.

21

22 **Q. Have you prepared or caused to be prepared under your direction,  
23 supervision or control any exhibits in this proceeding?**

24 A. Yes. I am sponsoring the following exhibits:

- 1           1. Exhibit No. \_\_ (TGF-1), which consists of PSC Forms 42-1E through  
2                           42-9E; and  
3           2. Exhibit No. \_\_ (TGF-2), which provides details of capital projects by  
4                           site.

5           These forms provide a summary and detail of the Estimated/Actual True-up  
6           Operation and Maintenance (O&M) and Capital Environmental costs and  
7           revenue requirements for the period January 2012 through December 2012.

8

9   **Q.    What is the Estimated/Actual True-up amount for which PEF is requesting**  
10 **recovery for the period of January 2012 through December 2012?**

11  **A.    The Estimated/Actual True-up amount for 2012 is an over-recovery, including**  
12 **interest, of \$14,632,974 as shown in Exhibit No. \_\_ (TGF-1), Form 42-1E, Line**  
13 **4. This amount will be added to the final true-up under-recovery of \$1,688,551**  
14 **for 2011 shown on Form 42-2E, Line 7a, resulting in a net over-recovery of**  
15 **\$ 12,944,423 as shown on Form 42-2E, Line 11. The detailed calculations**  
16 **supporting the estimated true-up for 2012 are contained in Forms 42-1E through**  
17 **42-8E.**

18

19  **Q.    What capital structure, components and cost rates did Progress Energy**  
20 **Florida rely upon to calculate the revenue requirement rate of return for**  
21 **the period January 2012 through December 2012?**

22  **A.    The capital structure, components and cost rates relied upon to calculate the**  
23 **revenue requirement rate of return for the period January 2012 through**



1 December 2012 are shown on page 42-9E. Page 42-9E includes the derivation  
2 of debt and equity components used in the Return on Average Net Investment,  
3 lines 7 (a) and (b), on Form 42-8E included in Exhibit TGF-1. The schedule  
4 also cites all sources and includes the rationale for using the particular capital  
5 structure and cost rates.

6

7 **Q. How do the Estimated/Actual O&M expenditures for January 2012**  
8 **through December 2012 compare with original projections?**

9 A. Form 42-4E shows that total O&M project costs are projected to be  
10 approximately \$9.3 million or 20% lower than originally projected. Following  
11 are variance explanations for those O&M projects with significant variances.

12 Individual project variances are provided on Form 42-4E.

13

14 **O&M Project Variances:**

15 **1. Transmission and Distribution Substation Environmental Investigation,**  
16 **Remediation, and Pollution Prevention (Project 1) - O&M**

17 O&M project expenditures for the Substation System Program are estimated  
18 to be approximately \$1.2 million or 28% higher than originally projected.

19 As discussed in the testimony of Mr. Corey Zeigler, this variance is  
20 primarily attributable to higher amounts of subsurface contamination  
21 encountered at the remediation sites.

22

1                   **2. Distribution System Environmental Investigation, Remediation, and**  
2                   **Pollution Prevention (Project 2) – O&M**

3                   PEF is projecting O&M expenditures to be approximately \$0.2 million or  
4                   58% higher for this program than originally projected. This variance is  
5                   discussed in the testimony of Mr. Corey Zeigler.

6

7                   **3. Emissions Allowances (Project 5) – O&M**

8                   Sulfur dioxide (SO<sub>2</sub>) and nitrogen oxide (NO<sub>x</sub>) emission allowance  
9                   expenses are estimated to be approximately \$3.1 million or 42% lower than  
10                  originally projected. This variance is primarily driven by the fact that  
11                  CSAPR was stayed in December of 2011. As PEF advised in a letter to the  
12                  Commission dated January 9, 2012, due to Cross State Air Pollution Rule  
13                  (CSAPR) being stayed, the NO<sub>x</sub> inventory was not written off in 2011 and  
14                  the 3 year amortization the Commission approved last year was not  
15                  necessary as the allowances still have value. Consistent with Order No.  
16                  PSC-11-0553-FOF-EI PEF, has continued to comply with CAIR by  
17                  continuing to expense NO<sub>x</sub> allowances based on actual usage in 2012 and  
18                  this has resulted in a decrease in expense as compared to the projected  
19                  expense based on a 3 year amortization of the remaining balance.

20

21                  **4. CAIR Crystal River - Energy (Project 7.4) – O&M**

22                  Total O&M project costs are estimated to be approximately \$7.7 million or  
23                  24% lower than originally projected. As further discussed in the testimony

1 of Mr. Jeffrey Swartz, this variance is primarily being driven by a \$9.3  
2 million decrease in CAIR Project 7.4 – Energy and a \$1.6 million increase in  
3 CAIR Project 7.4 – Base.

4

5 **5. Modular Cooling Towers – Base (Project 11) – O&M**

6 Total O&M project costs are estimated to be approximately \$0.9 million or  
7 100% higher than originally projected. As further discussed in the testimony  
8 of Ms. Patricia West, this variance is primarily due to the removal of the  
9 cooling towers deferred from 2011 to 2012.

10

11 **6. National Pollutant Discharge Elimination System - Energy (Project 16) –**  
12 **O&M**

13 Total O&M project costs are estimated to be approximately \$0.4 million or  
14 65% lower than originally projected. As further discussed in the testimony of  
15 Ms. West, this variance is primarily due to delay in work on thermal discharge  
16 studies pending authorization to proceed from the Florida Department of  
17 Environmental Protection (FDEP).

18

19 **7. Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy (Project**  
20 **17) – O&M**

21 Total O&M project costs are estimated to be approximately \$0.3 million or  
22 94% lower than originally projected. Ms. West describes the driver of this  
23 variance in her testimony.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22

**Q. How do the Estimated/Actual Capital recoverable investments for January 2012 through December 2012 compare with PEF's original projections?**

**A.** Total recoverable capital investments itemized on Form 42-6E, are projected to be approximately \$3.4 million or 2% lower than originally projected. Below are variance explanations for those approved Capital Investment Projects with significant variances. Individual project variances are provided on Form 42-6E. Return on Capital Investment, Depreciation and Taxes for each project for the Estimated/Actual period are provided on Form 42-8E, pages 1 through 18.

**Capital Investment Project Variances – Recoverable Costs:**

**1. CAIR (Project 7.x) – Capital**

PEF is projecting capital investment activities to be approximately \$3.4 million or 2% lower for this program than originally projected. This variance is primarily attributable to lower than projected average investment in project 7.4 and lower than projected depreciation expense due to the unitization of the project 7.4 assets.

**2. SO2/NOx Emissions Allowances (Project 5)**

PEF is projecting these costs to be approximately \$0.1 million or 5% higher than originally projected due to higher than projected average investment balance. This is due to less amortization of the NOx investment balance

1 than projected due to Cross State Air Pollution Rule (CSAPR) being stayed  
2 in 2011. Ms. West describes the status of CSAPR further in her testimony.

3

4 **3. National Pollutant Discharge Elimination System (NPDES) (Project 16)**

5 **- Capital**

6 PEF is projecting capital investment activities to be approximately \$0.1  
7 million or 72% lower for this program than originally projected. This project  
8 is further discussed in the testimony of Ms. West.

9

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

11 **A. Yes.**

**Progress Energy Florida, Inc.  
Environmental Cost Recovery  
Commission Forms 42-1E Through 42-9E**

**January 2012 - December 2012**  
Calculation for the Current Period Estimated / Actual Amount  
Actuals for the Period of January through June 2012  
Estimated for the Period July through December 2012

**DOCKET NO. 120007-EI**

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

Interest Provision  
(in Dollars)

Line	Description	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Beginning True-Up Amount (Form 42-2E, Line 7 + 7a + 10)	\$7,096,625	\$5,979,931	\$3,334,164	\$196,130	(\$1,411,852)	(\$1,446,229)	\$336,885	\$4,026,325	\$8,406,764	\$12,594,774	\$14,351,690	\$14,212,500	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2E, Lines 5 + 8)	5,979,939	3,333,689	194,784	(1,411,897)	(1,446,096)	326,949	4,026,159	8,408,267	12,593,834	14,350,812	14,211,357	12,943,337	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	13,076,164	9,313,629	3,528,948	(1,215,767)	(2,858,038)	(1,109,289)	4,363,034	12,434,592	21,002,668	26,945,586	28,563,248	27,155,837	
4	Average True-Up Amount (Line 3 x 1/2)	6,538,082	4,656,815	1,764,474	(608,384)	(1,429,019)	(554,645)	2,181,517	6,217,296	10,501,349	13,472,793	14,281,624	13,577,919	
5	Interest Rate (Last Business Day of Prior Month)	0.03%	0.12%	0.11%	0.06%	0.12%	0.13%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	
6	Interest Rate (Last Business Day of Current Month)	0.12%	0.11%	0.09%	0.12%	0.13%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.15%	0.23%	0.20%	0.21%	0.25%	0.23%	0.20%	0.20%	0.20%	0.20%	0.20%	0.20%	
8	Average Interest Rate (Line 7 x 1/2)	0.075%	0.115%	0.100%	0.105%	0.125%	0.115%	0.100%	0.100%	0.100%	0.100%	0.100%	0.100%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.006%	0.010%	0.008%	0.009%	0.010%	0.010%	0.008%	0.008%	0.008%	0.008%	0.008%	0.008%	
10	Interest Provision for the Month (Line 4 x Line 9) (Note 1)	\$392	\$466	\$348	(\$55)	(\$143)	(\$55)	\$175	\$497	\$840	\$1,078	\$1,143	\$1,086	\$5,71

Note (1): An accounting adjustment to correct an understated interest rate expense in February 2012 was made for \$205 in March 2012; the amount shown in Line 10 reflects the fully adjusted amount.

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

Docket No. 120007-EI  
 Progress Energy Florida, Inc.  
 Witness T.G. Foster  
 Exhibit No. \_\_ (TGF-1)  
 Page 3 of 26

Variance Report of O&M Activities  
 (in Dollars)

Line	Description of O&M Activities - System	(1) Estimated/ Actual	(2) Projection Filing	(3) Amount	(4) Variance Percent
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$4,028,525	\$1,991,964	\$2,034,561	102%
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution	1,228,666	2,099,712	(873,047)	-42%
2	Distribution System Environmental Investigation, Remediation, and Pollution	521,394	331,000	190,394	58%
3	Pipeline Integrity Management	1,388,804	1,516,000	(131,196)	-9%
4	Above Ground Tank Secondary Containment	0	0	0	0%
5	SO <sub>2</sub> /NO <sub>x</sub> Emissions Allowances	4,283,834	7,334,975	(3,051,141)	-42%
6	Phase II Cooling Water Intake	0	0	0	0%
6.a	Phase II Cooling Water Intake 316(b) - Intn	0	0	0	0%
7.2	CAIR/CAMR - Peaking - Demand	138,273	90,700	47,573	52%
7.4	CAIR/CAMR Crystal River - Base	15,034,802	13,399,625	1,635,177	12%
7.4	CAIR/CAMR Crystal River - Energy	9,143,354	18,447,976	(9,304,622)	-50%
7.4	CAIR/CAMR Crystal River - A&G	178,904	253,875	(74,971)	-30%
7.5	Best Available Retrofit Technology (BART) - Energy	27,000	0	27,000	100%
8	Arsenic Groundwater Standard - Base	0	0	0	0%
9	Sea Turtle - Coastal Street Lighting - Distrib	2,498	4,992	(2,498)	-50%
11	Modular Cooling Towers - Base	902,020	0	902,020	100%
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 - Energy	228,446	648,000	(419,554)	-65%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	16,800	300,000	(283,200)	-94%
17.1	Mercury & Air Toxic Standards (MATS) Anclote - Energy	0	0	0	0%
2	Total O&M Activities - Recoverable Costs	\$37,117,319	\$48,420,819	(\$9,303,500)	-20%
3	Recoverable Costs Allocated to Energy	13,699,436	28,730,951	(13,031,517)	-49%
4	Recoverable Costs Allocated to Demand	23,417,884	19,689,868	3,728,016	19%

Notes:

Column (1) - End of Period Totals on Form 42-5E  
 Column (2) = 2012 Projection Filing Form 42-2P  
 Column (3) = Column (1) - Column (2)  
 Column (4) = Column (3) / Column (2)



**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

Line	Description	O&M Activities (in Dollars)												End of Period Total		
		Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12			
1	Description of O&M Activities															
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$448,238	\$383,677	\$378,008	\$589,159	\$432,936	\$324,510	\$243,333	\$243,333	\$243,333	\$243,333	\$243,333	\$243,333	\$243,333	\$4,026,525	
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	88,536	81,169	71,152	17,804	(8,414)	55,741	\$153,446	\$153,446	\$153,446	\$153,446	\$153,446	\$153,446	\$153,446	1,226,665	
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	133,710	25,738	59,067	55,706	(16,412)	60,185	0	1,000	12,000	180,400	0	0	0	521,394	
3	Pipeline Integrity Management, Review/Update Plan and Risk Assessments - Intm	21,277	30,555	62,082	34,766	(112,192)	29,317	34,000	152,000	137,000	34,000	482,000	482,000	482,000	1,386,804	
4	Above Ground Tank Secondary Containment - Pkg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	SO2/NOx Emissions Allowances	284,120	243,360	392,893	377,749	487,020	466,374	482,108	469,679	344,372	286,042	258,058	211,970	4,283,834		
6	Phase II Cooling Water Intake 316(b) - Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6a	Phase II Cooling Water Intake 316(b) - Intm	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7.2	CAIR/CAMR - Peaking	0	7,928	(14,477)	58,230	38,350	10,878	0	0	0	0	37,365	0	0	138,273	
7.4	CAIR/CAMR Crystal River - Base	1,092,077	1,747,307	1,357,582	1,360,115	1,066,320	1,161,161	1,001,217	1,210,292	1,245,207	971,768	1,418,518	1,403,239	15,034,802		
7.4	CAIR/CAMR Crystal River - Energy	373,044	509,484	1,427,447	1,226,872	892,445	822,278	752,790	726,088	892,768	850,058	385,535	684,567	9,143,354		
7.4	CAIR/CAMR Crystal River - A&G	6,980	14,822	22,511	9,460	18,302	17,376	14,909	14,909	14,909	14,909	14,909	14,909	178,904		
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	11,670	5,254	9,876	0	0	0	0	0	27,000	
8	Arsenic Groundwater Standard - Base	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	0	418	416	416	416	416	416	416	2,496	
11	Modular Cooling Towers - Base	0	0	451,261	0	0	442,191	8,568	0	0	0	0	0	0	902,020	
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	National Pollutant Discharge Elimination System - Energy	8,597	9,101	3,888	6,858	7,718	40,248	36,897	30,810	22,122	23,882	24,723	13,600	228,448		
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	0	16,800	0	0	0	0	0	0	0	0	0	0	0	16,800	
17.1	Mercury & Air Toxic Standards (MATS) Ancile - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Total of O&M Activities	2,456,579	3,079,942	4,211,418	3,736,719	2,806,074	3,442,127	2,713,025	3,011,829	2,865,570	2,605,619	2,880,937	3,207,480	37,117,319		
3	Recoverable Costs Allocated to Energy	665,761	778,746	1,824,230	1,611,478	1,387,183	1,340,770	1,257,137	1,236,433	1,069,260	959,982	668,318	910,137	13,699,435		
4	Recoverable Costs Allocated to Demand - Transm	448,238	383,677	378,008	589,159	432,936	324,510	243,333	243,333	243,333	243,333	243,333	243,333	4,026,525		
	Recoverable Costs Allocated to Demand - Distrib	222,248	106,907	130,219	73,510	(24,825)	115,926	153,862	154,862	165,862	344,262	153,862	153,862	1,750,555		
	Recoverable Costs Allocated to Demand - Prod-Base	1,092,077	1,747,307	1,808,843	1,360,115	1,066,320	1,603,352	1,008,785	1,210,292	1,245,207	971,768	1,418,518	1,403,239	15,936,822		
	Recoverable Costs Allocated to Demand - Prod-Intm	21,277	30,555	62,082	34,766	(112,192)	29,317	34,000	152,000	137,000	34,000	482,000	482,000	1,386,804		
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	7,928	(14,477)	58,230	38,350	10,876	0	0	0	0	37,365	0	0	138,273	
	Recoverable Costs Allocated to Demand - A&G	6,980	14,822	22,511	9,460	18,302	17,376	14,909	14,909	14,909	14,909	14,909	14,909	178,904		
5	Retail Energy Jurisdictional Factor	0.99120	0.99240	0.99560	0.99550	0.99520	0.99280	0.99480	0.99440	0.99380	0.99370	0.99410	0.99490			
6	Retail Transmission Demand Jurisdictional Factor	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795			
	Retail Distribution Demand Jurisdictional Factor	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624			
	Retail Production Demand Jurisdictional Factor - Base	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683			
	Retail Production Demand Jurisdictional Factor - Intm	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519			
	Retail Production Demand Jurisdictional Factor - Peaking	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339			
	Retail Production Demand Jurisdictional Factor - A&G	0.92640	0.92640	0.92640	0.92640	0.92640	0.92640	0.92640	0.92640	0.92640	0.92640	0.92640	0.92640			
7	Jurisdictional Energy Recoverable Costs (A)	659,902	772,827	1,816,203	1,604,227	1,380,525	1,331,116	1,250,599	1,229,509	1,052,799	953,934	664,374	905,495	13,621,510		
8	Jurisdictional Demand Recoverable Costs - Transm (B)	317,330	278,704	267,611	417,095	306,497	229,737	172,268	172,268	172,268	172,268	172,268	172,268	2,850,582		
	Jurisdictional Demand Recoverable Costs - Distrib (B)	221,410	106,505	129,730	73,234	(24,732)	115,490	153,283	154,280	165,268	342,868	153,283	153,283	1,743,972		
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,001,249	1,601,884	1,658,402	1,246,994	977,635	1,470,002	925,801	1,109,633	1,141,643	890,947	1,300,539	1,286,532	14,611,361		
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	13,727	19,714	40,054	22,431	(72,385)	18,915	21,836	98,069	88,391	21,936	310,981	310,981	894,750		
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0	7,559	(13,802)	55,518	36,583	10,370	0	0	0	0	36,823	0	131,829		
	Jurisdictional Demand Recoverable Costs - A&G (B)	6,497	13,732	20,854	8,784	18,955	18,097	13,811	13,811	13,811	13,811	13,811	13,811	185,735		
9	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	\$2,220,085	\$2,801,025	\$3,919,052	\$3,428,261	\$2,621,058	\$3,191,727	\$2,537,698	\$2,777,570	\$2,634,150	\$2,431,487	\$2,615,256	\$2,842,370	\$34,019,739		

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

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

Docket No. 120007-EI  
 Progress Energy Florida, Inc.  
 Witness T.G. Foster  
 Exhibit No. \_\_\_ (TGF-1)

Form 42-6E

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

Line	(1) Estimated/ Actual	(2) Projection Filing	(3) Variance Amount	(4) Percent
1	<b>Description of Capital Investment Activities</b>			
3.x	\$454,882	\$451,442	\$3,440	1%
4.x	2,029,364	2,084,603	(55,239)	-3%
5	2,576,839	2,449,462	127,377	5%
7.x	167,639,336	170,991,289	(3,351,952)	-2%
9	1,413	1,695	(282)	-17%
10.x	31,000	30,940	60	0%
11	5,244	5,256	(12)	0%
11.1	47,255	47,435	(180)	0%
16	54,025	191,525	(137,500)	-72%
17.x	38,011	0	38,011	100%
2	\$172,977,371	\$176,253,647	(\$3,376,277)	-2%
3	2,710,280	2,514,359	\$195,921	8%
4	170,167,091	173,739,288	(3,572,197)	-2%

Notes:

Column (1) is the End of Period Totals on Form 42-7E  
 Column (2) = Per 2012 Projection Filing Form 42-3P  
 Column (3) = Column (1) - Column (2)  
 Column (4) = Column (3) / Column (2)

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

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

Line	Description	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Description of Investment Projects (A)													
3.1	Pipeline Integrity Management - Bartow/Anclole Pipeline - Intermediate	\$38,318	\$38,241	\$38,167	\$38,093	\$38,018	\$37,944	37,870	\$37,795	\$37,721	\$37,647	\$37,572	\$37,498	\$454,862
4.1	Above Ground Tank Secondary Containment - Peaking	135,592	135,340	135,107	134,866	134,569	134,265	133,962	133,598	133,294	132,991	132,687	132,384	1,608,475
4.2	Above Ground Tank Secondary Containment - Base	32,340	32,284	32,229	32,173	32,118	32,063	32,007	31,952	31,897	31,842	31,786	31,731	384,422
4.3	Above Ground Tank Secondary Containment - Intermediate	3,085	3,061	3,036	3,012	2,987	2,963	2,938	2,914	2,889	2,864	2,839	2,814	36,467
5	SO2/NOX Emissions Allowances - Energy	233,651	231,238	228,826	226,413	224,000	221,587	219,174	216,761	214,348	211,935	209,522	207,109	2,576,839
7.1	CAIR/CAMR Anclole- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR CT's - Peaking	21,219	21,187	21,155	21,122	21,090	21,057	21,025	20,993	20,960	20,928	20,896	20,863	252,494
7.3	CAMR Crystal River - Base	2,644	2,644	2,644	2,644	2,644	2,644	2,644	2,644	2,644	2,644	2,644	2,644	31,728
7.4	CAIR/CAMR Crystal River AFUDC - Base	13,975,743	13,954,944	13,934,145	13,913,346	13,892,547	13,871,748	13,850,949	13,830,150	13,809,351	13,788,552	13,767,753	13,746,954	167,250,666
7.4	CAIR/CAMR Crystal River AFUDC - Energy	7,849	7,847	7,845	7,843	7,841	7,839	7,837	7,835	7,833	7,831	7,829	7,827	95,430
9	Sea Turtle - Coastal Street Lighting - Distribution	115	115	115	115	115	115	115	115	117	120	124	127	1,413
10.1	Underground Storage Tanks - Base	1,757	1,755	1,752	1,749	1,746	1,744	1,741	1,738	1,735	1,733	1,730	1,727	20,907
10.2	Underground Storage Tanks - Intermediate	851	850	847	845	844	842	840	839	838	836	835	831	10,093
11	Modular Cooling Towers - Base	437	437	437	437	437	437	437	437	437	437	437	437	5,244
11.1	Crystal River Thermal Discharge Compliance Project - Base	3,983	3,959	3,935	3,911	3,887	3,863	3,839	3,815	3,791	3,767	3,743	3,719	47,255
16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	576	650	1,070	1,540	1,861	1,737	2,271	3,186	4,101	5,015	5,930	6,844	54,025
17	MATS - Crystal River 4 & 5 - Energy	0	0	0	0	0	0	4	1,837	4,124	5,439	7,154	8,869	38,011
17.1	MATS - Anclole Conversion - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Total Investment Projects - Recoverable Costs	\$14,457,918	\$14,434,561	\$14,411,203	\$14,387,846	\$14,364,489	\$14,341,132	\$14,317,775	\$14,294,418	\$14,271,061	\$14,247,704	\$14,224,347	\$14,201,000	\$172,877,371
3	Recoverable Costs Allocated to Energy Recoverable Costs Allocated to Distribution Demand	241,300 115	239,085 115	235,450 115	232,790 115	229,744 115	224,644 113	221,889 115	220,099 117	217,591 120	216,523 122	215,749 124	215,315 127	2,710,280 1,413
4	Recoverable Costs Allocated to Demand - Production - Base Recoverable Costs Allocated to Demand - Production - Intermediate Recoverable Costs Allocated to Demand - Production - Peaking	14,016,984 42,808 156,811	13,996,023 42,811 156,527	13,975,258 43,140 156,262	13,954,403 43,531 155,928	13,933,552 43,589 155,859	13,912,701 43,594 155,282	13,891,850 43,594 154,927	13,870,999 44,018 154,591	13,850,148 45,885 154,254	13,829,297 46,519 153,919	13,808,446 46,519 153,582	13,787,595 46,519 153,247	14,011,086 63,962 1,860,969
5	Retail Energy Jurisdictional Factor Retail Distribution Demand Jurisdictional Factor	0.99120 0.99624	0.99240 0.99624	0.99360 0.99624	0.99480 0.99624	0.99600 0.99624	0.99720 0.99624	0.99840 0.99624	0.99960 0.99624	0.99980 0.99624	0.99990 0.99624	0.99990 0.99624	0.99990 0.99624	0.99990 0.99624
6	Retail Demand Jurisdictional Factor - Production - Base Retail Demand Jurisdictional Factor - Production - Intermediate Retail Demand Jurisdictional Factor - Production - Peaking	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339	0.91683 0.84519 0.95339
7	Jurisdictional Energy Recoverable Costs (B) Jurisdictional Demand Recoverable Costs - Distribution (B)	239,177 115	237,268 115	234,414 115	231,742 115	228,841 115	223,026 113	220,736 115	218,867 117	216,363 120	215,159 122	214,478 124	214,217 127	2,694,086 1,408
8	Jurisdictional Demand Recoverable Costs - Production - Base (C) Jurisdictional Demand Recoverable Costs - Production - Intermediate (C) Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	12,851,104 27,619 149,502	12,831,978 27,621 149,232	12,812,852 27,833 148,978	12,793,726 28,086 148,661	12,774,600 28,110 148,404	12,755,474 28,107 148,026	12,736,348 28,107 147,708	12,717,222 28,400 147,386	12,698,096 28,475 147,065	12,678,970 30,014 146,745	12,659,844 32,910 146,424	12,640,718 32,910 146,104	12,845,788 41,266 1,774,233
8	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)	\$13,267,518	\$13,246,213	\$13,224,908	\$13,203,603	\$13,182,298	\$13,161,003	\$13,139,708	\$13,118,413	\$13,097,118	\$13,075,823	\$13,054,528	\$13,033,233	\$158,625,701

Notes:  
 (A) Each project's Total System Recoverable Expenses on Form 42-9E, Line 9; Form 42-9E, Line 5 for Projects 5 - Allowances and Project 7. 4 - Reagents  
 (B) Line 3 x Line 5  
 (C) Line 4 x Line 6

**PROGRESS ENERGY FLORIDA**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of the Estimated / Actual Amount  
January 2012 through December 2012

Return on Capital Investments, Depreciation and Taxes  
For Project: PIPELINE INTEGRITY MANAGEMENT - Bartow/Anclose Pipeline (Project 3.1)  
(In Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Cleanings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	3,719,062	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068	3,719,068
3	Less: Accumulated Depreciation	(751,335)	(750,463)	(767,891)	(775,719)	(783,947)	(791,975)	(800,103)	(808,231)	(816,359)	(824,487)	(832,615)	(840,743)	(848,871)	(857,000)
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)	\$2,967,727	\$2,968,605	\$2,951,177	\$2,943,349	\$2,935,121	\$2,927,093	\$2,918,965	\$2,910,837	\$2,902,709	\$2,894,581	\$2,886,453	\$2,878,325	\$2,870,197	\$2,862,069
6	Average Net Investment		\$2,963,668	\$2,955,541	\$2,947,413	\$2,939,285	\$2,931,157	\$2,923,029	\$2,914,901	\$2,906,773	\$2,898,645	\$2,890,517	\$2,882,389	\$2,874,261	\$2,866,133
7	Return on Average Net Investment (B)		7.292	7.272	7.252	7.232	7.212	7.192	7.172	7.152	7.132	7.112	7.092	7.072	7.052
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	19,816	19,761	19,707	19,653	19,598	19,544	19,490	19,435	19,381	19,327	19,272	19,218	19,164
	b. Equity Component Grossed Up For Taxes	8.02%	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128
	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		3,080	3,080	3,080	3,080	3,080	3,080	3,080	3,080	3,080	3,080	3,080	3,080	3,080
	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)		\$38,316	\$38,241	\$38,167	\$38,093	\$38,018	\$37,944	\$37,870	\$37,795	\$37,721	\$37,647	\$37,572	\$37,498	\$37,424
	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		\$38,316	\$38,241	\$38,167	\$38,093	\$38,018	\$37,944	\$37,870	\$37,795	\$37,721	\$37,647	\$37,572	\$37,498	\$37,424
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)		0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519
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)		24,721	24,673	24,625	24,577	24,529	24,481	24,433	24,385	24,337	24,289	24,241	24,193	24,145
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$24,721	\$24,673	\$24,625	\$24,577	\$24,529	\$24,481	\$24,433	\$24,385	\$24,337	\$24,289	\$24,241	\$24,193	\$24,145

Notes:

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.
- (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

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 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$ (6,417)	\$ 10,309	\$ 3,083	\$ (1,706)	\$ (1)	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 5,267
	b. Cleanings to Plant		(6,417)	10,309	3,083	(1,706)	(1)	0	0	0	0	0	0	0	5,267
	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	11,296,536	11,290,119	11,300,428	11,303,511	11,301,805	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	(1,211,088)	(1,244,233)	(1,277,421)	(1,310,615)	(1,343,806)	(1,378,997)	(1,410,188)	(1,443,379)	(1,476,570)	(1,509,761)	(1,542,952)	(1,578,143)	(1,609,334)	
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)	\$10,085,468	\$10,045,886	\$10,023,006	\$9,992,895	\$9,957,998	\$9,924,806	\$9,891,615	\$9,858,424	\$9,825,233	\$9,792,042	\$9,758,851	\$9,725,660	\$9,692,469	
6	Average Net Investment		\$10,065,677	\$10,034,446	\$10,007,951	\$9,975,447	\$9,941,402	\$9,908,210	\$9,875,019	\$9,841,828	\$9,808,637	\$9,775,446	\$9,742,255	\$9,709,064	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	24,765	24,688	24,623	24,543	24,459	24,377	24,296	24,214	24,132	24,051	23,969	23,887	292,004
	b. Equity Component Grossed Up For Taxes	8.02%	67,301	67,092	66,915	66,698	66,470	66,248	66,026	65,804	65,582	65,360	65,138	64,917	793,551
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		33,165	33,188	33,194	33,191	33,191	33,191	33,191	33,191	33,191	33,191	33,191	33,191	398,266
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Property Taxes (D)		10,361	10,372	10,375	10,374	10,449	10,389	10,389	10,389	10,389	10,389	10,389	10,389	124,654
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$135,592	\$135,340	\$135,107	\$134,806	\$134,569	\$134,205	\$133,902	\$133,598	\$133,294	\$132,991	\$132,687	\$132,384	1,608,475
	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		\$135,592	\$135,340	\$135,107	\$134,806	\$134,569	\$134,205	\$133,902	\$133,598	\$133,294	\$132,991	\$132,687	\$132,384	1,608,475
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)		0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	
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)		129,272	129,032	128,810	128,523	128,297	127,950	127,661	127,371	127,081	126,793	126,503	126,214	1,533,507
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$129,272	\$129,032	\$128,810	\$128,523	\$128,297	\$127,950	\$127,661	\$127,371	\$127,081	\$126,793	\$126,503	\$126,214	\$1,533,507

Notes:

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in 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 placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

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

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271
3	Less: Accumulated Depreciation	(215,858)	(221,904)	(227,950)	(233,996)	(240,042)	(246,088)	(252,134)	(258,180)	(264,226)	(270,272)	(276,318)	(282,364)	(288,410)	(288,410)
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>\$2,670,413</u>	<u>\$2,664,367</u>	<u>\$2,658,321</u>	<u>\$2,652,275</u>	<u>\$2,646,229</u>	<u>\$2,640,183</u>	<u>\$2,634,137</u>	<u>\$2,628,091</u>	<u>\$2,622,045</u>	<u>\$2,615,999</u>	<u>\$2,609,953</u>	<u>\$2,603,907</u>	<u>\$2,597,861</u>	<u>\$2,597,861</u>
6	Average Net Investment		\$2,687,390	\$2,661,344	\$2,655,298	\$2,649,252	\$2,643,206	\$2,637,160	\$2,631,114	\$2,625,068	\$2,619,022	\$2,612,976	\$2,606,930	\$2,600,884	
7	Return on Average Net Investment														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	6,563	6,548	6,533	6,518	6,503	6,488	6,473	6,458	6,444	6,429	6,414	6,399	77,770
	b. Equity Component Grossed Up For Taxes (B)	8.02%	17,835	17,704	17,754	17,713	17,673	17,633	17,592	17,552	17,511	17,471	17,430	17,380	211,348
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		6,046	6,046	6,046	6,046	6,046	6,046	6,046	6,046	6,046	6,046	6,046	6,046	72,552
	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)		1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	22,752
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$32,340	\$32,284	\$32,229	\$32,173	\$32,118	\$32,063	\$32,007	\$31,952	\$31,897	\$31,842	\$31,786	\$31,731	384,422
	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		\$32,340	\$32,284	\$32,229	\$32,173	\$32,118	\$32,063	\$32,007	\$31,952	\$31,897	\$31,842	\$31,786	\$31,731	384,422
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)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683
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)		29,650	29,599	29,549	29,497	29,447	29,396	29,345	29,295	29,244	29,194	29,142	29,092	352,450
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$29,650</u>	<u>\$29,599</u>	<u>\$29,549</u>	<u>\$29,497</u>	<u>\$29,447</u>	<u>\$29,396</u>	<u>\$29,345</u>	<u>\$29,295</u>	<u>\$29,244</u>	<u>\$29,194</u>	<u>\$29,142</u>	<u>\$29,092</u>	<u>\$352,450</u>

**Notes:**

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.83%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed 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 placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of the Estimated / Actual Amount  
January 2012 through December 2012

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 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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. Rebraments		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	(34,986)	(35,518)	(36,050)	(36,582)	(37,114)	(37,646)	(38,178)	(38,710)	(39,242)	(39,774)	(40,306)	(40,838)	(41,370)	(41,370)
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)	\$255,312	\$254,780	\$254,248	\$253,716	\$253,184	\$252,652	\$252,120	\$251,588	\$251,056	\$250,524	\$249,992	\$249,460	\$248,928	\$248,928
6	Average Net Investment		\$255,046	\$254,514	\$253,982	\$253,450	\$252,918	\$252,386	\$251,854	\$251,322	\$250,790	\$250,258	\$249,726	\$249,194	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	627	626	625	624	622	621	620	618	617	616	614	613	7,443
	b. Equity Component Grossed Up For Taxes	8.02%	1,705	1,702	1,698	1,695	1,691	1,687	1,684	1,680	1,677	1,673	1,670	1,666	20,228
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		532	532	532	532	532	532	532	532	532	532	532	532	6,384
	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)		201	201	201	201	201	201	201	201	201	201	201	201	2,412
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,065	\$3,061	\$3,056	\$3,052	\$3,048	\$3,041	\$3,037	\$3,031	\$3,027	\$3,022	\$3,017	\$3,012	36,467
	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		\$3,065	\$3,061	\$3,056	\$3,052	\$3,048	\$3,041	\$3,037	\$3,031	\$3,027	\$3,022	\$3,017	\$3,012	36,467
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)		0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519
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)		1,978	1,975	1,972	1,969	1,965	1,962	1,958	1,956	1,953	1,950	1,947	1,943	23,528
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,978	\$1,975	\$1,972	\$1,969	\$1,965	\$1,962	\$1,958	\$1,956	\$1,953	\$1,950	\$1,947	\$1,943	\$23,528

Notes:

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in 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 placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

Form 42-8E  
Page 5 of 18

**Schedule of Amortization and Return**  
**DEFERRED GAIN ON SALES OF EMISSION ALLOWANCES (Project 5)**  
**(in Dollars)**

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Working Capital Dr (Cr)														
a.	1581001 SO <sub>2</sub> Emission Allowance Inventory	4,978,189	\$4,961,926	\$4,928,694	\$4,836,184	\$4,834,398	\$4,777,766	\$4,725,137	\$4,671,645	\$4,617,907	\$4,578,519	\$4,542,704	\$4,508,812	\$4,487,131	\$4,487,131
b.	26401F2 Auctioned SO <sub>2</sub> Allowance	(1,556,546)	(1,513,877)	(1,471,208)	(1,428,539)	(1,386,864)	(1,342,720)	(1,299,955)	(1,257,190)	(1,214,425)	(1,171,661)	(1,128,896)	(1,086,131)	(1,043,366)	(81,043,366)
c.	1581002 NO <sub>x</sub> Emission Allowance Inventory	22,265,776	21,965,250	21,702,453	21,366,400	20,941,782	20,487,232	20,016,721	19,566,233	19,100,498	18,732,787	18,459,806	18,192,872	17,960,819	17,958,819
c.	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	<b>Total Working Capital</b>	<b>25,687,420</b>	<b>\$25,403,299</b>	<b>\$25,159,939</b>	<b>\$24,767,045</b>	<b>\$24,389,296</b>	<b>\$23,992,278</b>	<b>\$23,435,903</b>	<b>\$22,973,707</b>	<b>\$22,504,028</b>	<b>\$22,159,655</b>	<b>\$21,873,613</b>	<b>\$21,615,554</b>	<b>\$21,403,594</b>	<b>\$21,403,594</b>
3	Average Net Investment		\$25,545,359	\$25,261,618	\$24,983,492	\$24,578,171	\$24,145,786	\$23,669,089	\$23,204,805	\$22,738,868	\$22,331,642	\$22,016,634	\$21,744,564	\$21,506,569	
4	Return on Average Net Working Capital Balance (A)		62.850	62.201	61.418	60.470	59.406	58.233	57.091	55.945	54.943	54.168	53.498	52.920	693.143
a.	Debt Component (Line 3 x 2.95% x 1/12)		2.95%												
b.	Equity Component Grossed Up For Taxes		8.02%												
5	<b>Total Return Component (B)</b>		<b>\$233,951</b>	<b>\$231,238</b>	<b>\$228,328</b>	<b>\$224,804</b>	<b>\$220,949</b>	<b>\$216,489</b>	<b>\$212,243</b>	<b>\$207,991</b>	<b>\$204,259</b>	<b>\$201,375</b>	<b>\$198,896</b>	<b>\$196,737</b>	<b>2,576,839</b>
6	Expense Dr (Cr)														
a.	5090001 SO <sub>2</sub> Allowance Expense		26,263	23,232	89,509	4,786	56,634	32,628	53,492	53,848	38,478	35,615	33,892	21,681	491,057
b.	4074004 Amortization Expense		(42,669)	(42,669)	(42,669)	(41,875)	(44,144)	(42,785)	(42,785)	(42,785)	(42,785)	(42,765)	(42,765)	(42,765)	(513,180)
c.	5090003 NO <sub>x</sub> Allowance Expense		300,527	282,797	346,063	414,837	474,531	456,511	451,468	458,798	347,658	292,093	266,932	233,654	4,305,959
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
7	<b>Net Expense (C)</b>		<b>284,120</b>	<b>243,360</b>	<b>392,893</b>	<b>377,749</b>	<b>487,020</b>	<b>466,374</b>	<b>462,196</b>	<b>469,679</b>	<b>344,372</b>	<b>286,042</b>	<b>258,059</b>	<b>211,970</b>	<b>4,283,634</b>
8	Total System Recoverable Expenses (Lines 5 + 7)		\$517,771	\$474,598	\$621,221	\$602,553	\$707,869	\$682,863	\$674,439	\$677,660	\$548,630	\$487,417	\$456,945	\$408,707	\$6,860,573
a.	Recoverable costs allocated to Energy		517,771	474,598	621,221	602,553	707,869	682,863	674,439	677,660	548,630	487,417	456,945	408,707	6,860,573
b.	Recoverable costs allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Energy Jurisdictional Factor		0.99120	0.99240	0.99560	0.99550	0.99520	0.99280	0.99480	0.99440	0.99300	0.99370	0.99410	0.99400	
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)		\$513,215	\$470,991	\$618,488	\$599,841	\$704,472	\$677,946	\$670,932	\$673,865	\$545,284	\$484,346	\$454,249	\$406,622	\$6,820,251
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	<b>Total Jurisdictional Recoverable Costs (Lines 11 + 12)</b>		<b>\$ 513,215</b>	<b>\$ 470,991</b>	<b>\$ 618,488</b>	<b>\$ 599,841</b>	<b>\$ 704,472</b>	<b>\$ 677,946</b>	<b>\$ 670,932</b>	<b>\$ 673,865</b>	<b>\$ 545,284</b>	<b>\$ 484,346</b>	<b>\$ 454,249</b>	<b>\$ 406,622</b>	<b>\$ 6,820,251</b>

**Notes:**

- (A) Line 3 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc Tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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



**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

Return on Capital Investments, Depreciation and Taxes  
For Project: CAIR/CAMR - Intermediate (Project 7.1 - Anclote Low Nox Burners and SOFA)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	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	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	0
5	Net Investment (Lines 2 + 3 + 4)	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Equity Component Grossed Up For Taxes	8.02%	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 1.60%		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) 0.008310		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	0
	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	0	0	0	0
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 (Intm)		0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519
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)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

**Notes:**

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

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

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Cleanings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (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	1,936,108
3	Less: Accumulated Depreciation	(178,016)	(179,560)	(183,104)	(186,648)	(190,192)	(193,736)	(197,280)	(200,824)	(204,368)	(207,912)	(211,456)	(215,000)	(218,544)	(218,544)
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>\$1,760,092</u>	<u>\$1,756,548</u>	<u>\$1,753,004</u>	<u>\$1,749,460</u>	<u>\$1,745,916</u>	<u>\$1,742,372</u>	<u>\$1,738,828</u>	<u>\$1,735,284</u>	<u>\$1,731,740</u>	<u>\$1,728,196</u>	<u>\$1,724,652</u>	<u>\$1,721,108</u>	<u>\$1,717,564</u>	<u>\$1,717,564</u>
6	Average Net Investment		\$1,758,320	\$1,754,776	\$1,751,232	\$1,747,688	\$1,744,144	\$1,740,600	\$1,737,056	\$1,733,512	\$1,729,968	\$1,726,424	\$1,722,880	\$1,719,336	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	4,326	4,317	4,309	4,300	4,291	4,282	4,274	4,265	4,256	4,248	4,239	4,230	51,337
	b. Equity Component Grossed Up For Taxes	8.02%	11,756	11,733	11,709	11,685	11,662	11,638	11,614	11,591	11,567	11,543	11,519	11,496	138,513
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,544	3,544	3,544	3,544	3,544	3,544	3,544	3,544	3,544	3,544	3,544	3,544	42,528
	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)		1,593	1,593	1,593	1,593	1,593	1,593	1,593	1,593	1,593	1,593	1,593	1,593	19,116
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$21,219	\$21,187	\$21,155	\$21,122	\$21,090	\$21,057	\$21,025	\$20,993	\$20,960	\$20,928	\$20,895	\$20,863	252,494
	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		\$21,219	\$21,187	\$21,155	\$21,122	\$21,090	\$21,057	\$21,025	\$20,993	\$20,960	\$20,928	\$20,895	\$20,863	252,494
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)		0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339	0.95339
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)		20,230	20,200	20,169	20,138	20,107	20,076	20,045	20,015	19,983	19,953	19,921	19,891	240,726
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		<u>\$20,230</u>	<u>\$20,200</u>	<u>\$20,169</u>	<u>\$20,138</u>	<u>\$20,107</u>	<u>\$20,076</u>	<u>\$20,045</u>	<u>\$20,015</u>	<u>\$19,983</u>	<u>\$19,953</u>	<u>\$19,921</u>	<u>\$19,891</u>	<u>\$240,726</u>

Notes:

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.
- (C) Depreciation calculated in CAIR CTs section of Capital Program Detail file only on assets placed 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 placed in service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

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

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	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	289,107
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	289,107
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	289,107	289,107
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	711	711	711	711	711	711	711	711	711	711	711	711	\$8,532
	b. Equity Component Grossed Up For Taxes	8.02%	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	1,933	23,196
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.10%		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) 0.007880		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)		\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	31,728
	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		\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	\$2,644	31,728
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)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683
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)		2,424	2,424	2,424	2,424	2,424	2,424	2,424	2,424	2,424	2,424	2,424	2,424	29,089
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	\$2,424	29,089

**Notes:**

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
Environmental Cost Recovery Clause (ECRC)  
Calculation of the Estimated / Actual Amount  
January 2012 through December 2012

Return on Capital Investments, Depreciation and Taxes  
For Project: CANYCAMP - Base (Project 7 - Crystal River FGD and GCN)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments		\$46,468	\$30,020	\$746,104	\$542,420	\$1,808,173	\$2,361,838	\$3,203,198	\$6,807,822	\$1,780,400	\$2,404,301	\$2,844,644	\$1,008,708	\$22,541,962
a	Expenditures/Additions		88,985	28,873	88,788	14,215	1,157,878	4,228	(4,000)	975,805	100,000	0	0	0	19,016,725
b	Change in 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	1,246,224,067	1,246,204,863	1,246,324,335	1,246,363,104	1,246,407,310	1,247,585,180	1,247,586,418	1,247,585,615	1,248,541,220	1,248,841,220	1,248,841,220	1,248,841,220	1,248,841,220	1,287,880,044
3	Less: Accumulated Depreciation	(63,157,213)	(66,501,863)	(67,846,764)	(70,161,710)	(72,536,670)	(74,863,571)	(77,226,266)	(79,588,914)	(81,808,463)	(84,252,008)	(86,588,352)	(88,930,797)	(91,280,184)	(91,280,184)
4	CVAR - AFUDC-Interest Bearing	216,049	240,519	240,889	219,291	3,988,408	2,115,739	4,689,321	7,871,817	12,583,534	14,283,824	18,888,325	19,328,739	19,328,739	1,319,750
5	Net Investment (Lines 2 + 3 + 4)	\$1,193,281,901	\$1,181,933,219	\$1,178,718,439	\$1,177,119,595	\$1,175,337,948	\$1,174,798,329	\$1,175,008,477	\$1,178,829,819	\$1,178,225,291	\$1,178,872,247	\$1,178,753,163	\$1,179,629,153	\$1,177,889,631	\$1,177,889,631
6	Average Net Investment		\$1,162,187,358	\$1,179,875,828	\$1,177,919,818	\$1,178,228,321	\$1,173,067,886	\$1,174,883,402	\$1,176,238,246	\$1,177,447,855	\$1,178,048,788	\$1,178,702,720	\$1,178,863,863	\$1,178,367,382	
7	Return on Average Net Investment (B)		2,906,476	2,822,863	2,868,048	2,863,888	2,891,634	2,890,383	2,891,488	2,898,889	2,890,582	2,890,877	2,890,427	2,896,127	34,773,147
a	Debt Component (Line 6 x 2.85% x 1/12)	2.85%	7,804,118	7,888,863	7,875,780	7,864,475	7,864,718	7,864,848	7,867,862	7,872,828	7,862,885	7,861,020	7,862,230	7,878,711	94,600,015
b	Equity Component Grossed Up For Taxes	6.82%	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		2,344,751	2,344,800	2,344,947	2,344,888	2,346,883	2,341,888	2,341,858	2,342,560	2,342,446	2,342,446	2,342,446	2,342,446	2,380,368
a	Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization		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
c	Damortization		818,368	818,418	818,463	818,473	818,232	818,235	818,232	818,873	818,938	818,938	818,938	818,938	832,428
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)		\$13,875,743	\$13,864,944	\$13,837,238	\$13,821,808	\$13,813,874	\$13,808,254	\$13,810,205	\$13,831,940	\$13,848,831	\$13,844,381	\$13,844,036	\$13,870,638	\$187,256,688
a	Recoverable Costs Allocated to Energy		\$13,875,743	\$13,864,944	\$13,837,238	\$13,821,808	\$13,813,874	\$13,808,254	\$13,810,205	\$13,831,940	\$13,848,831	\$13,844,381	\$13,844,036	\$13,870,638	\$187,256,688
b	Recoverable Costs Allocated to Demand		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
10	Energy Jurisdictional Factor		0.91883	0.91883	0.91883	0.91883	0.91883	0.91883	0.91883	0.91883	0.91883	0.91883	0.91883	0.91883	0.91883
11	Demand Jurisdictional Factor - Production (Base)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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)		\$12,813,389	\$12,784,318	\$12,778,084	\$12,783,534	\$12,758,062	\$12,749,878	\$12,753,299	\$12,773,225	\$12,786,894	\$12,784,631	\$12,788,149	\$12,808,702	\$153,348,754
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$12,813,389	\$12,784,318	\$12,778,084	\$12,783,534	\$12,758,062	\$12,749,878	\$12,753,299	\$12,773,225	\$12,786,894	\$12,784,631	\$12,788,149	\$12,808,702	\$153,348,754

Notes:  
 (A) N/A  
 (B) Line 6 x 10.88% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 28.575% (inc tax multiplier = 1.826002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.  
 (C) Depreciation calculated only on assets placed in-service which appear in CARR Crystal River section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.  
 (D) Property taxes calculated only on assets placed in-service which appear in CARR Crystal River section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Effective Tax Rate on original cost.  
 (E) Line 9a x Line 10  
 (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Current Period Estimated/Actual Amount  
 January 2012 through December 2012

Schedule of Amortization and Return  
 For Project CAUR/CAMR - Energy (Project 7.4 - Reagents and By-products)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Working Capital Dr (Cr)														
	a. 1544001 Ammonia Inventory	\$ 21,513	\$ 38,991	\$ 39,853	\$ 55,081	\$ 50,699	\$ 24,461	\$ 41,144	\$ 41,390	\$ 41,390	\$ 41,390	\$ 41,390	\$ 41,390	\$ 41,390	\$ 41,390
	b. 1544004 Limestone Inventory	742,809	871,443	787,379	694,894	945,656	924,342	792,332	832,842	832,842	832,842	832,842	832,842	832,842	832,842
2	Total Working Capital	\$ 764,322	\$ 910,434	\$ 827,232	\$ 749,895	\$ 996,355	\$ 948,803	\$ 833,476	\$ 874,232	\$ 874,232	\$ 874,232	\$ 874,232	\$ 874,232	\$ 874,232	\$ 874,232
3	Average Net Investment		836,328	857,883	778,813	873,074	972,528	891,140	863,754	874,032	874,032	874,032	874,032	874,032	874,032
4	Return on Average Net Working Capital Balance (A)														
	a. Debt Component (Line 3 x 2.95% x 1/12)	2.95%	2,058	2,111	1,916	2,148	2,393	2,182	2,101	2,150	2,150	2,150	2,150	2,150	2,150
	b. Equity Component Grossed Up For Taxes	8.02%	5,592	5,738	5,206	5,838	6,503	5,958	5,708	5,844	5,844	5,844	5,844	5,844	5,844
5	Total Return Component (B)		7,649	7,847	7,122	7,986	8,895	8,151	7,809	7,994	7,994	7,994	7,994	7,994	7,994
6	Expense Dr (Cr)														
	a. 5020011 Ammonia Expense		178,354	179,808	278,179	270,740	269,594	257,206	229,246	221,684	197,367	194,784	110,186	197,347	2,572,493
	b. 5020012 Limestone Expense		238,713	428,179	570,270	497,453	522,742	525,838	372,413	358,914	353,028	332,128	196,154	348,207	4,744,037
	c. 5020013 Dibasic Acid Expense		0	4,878	0	0	0	0	0	0	0	0	0	0	4,878
	d. 5020003 Gypsum Disposal/Sale		(81,856)	(238,431)	424,468	318,394	(49,994)	(112,989)	69,824	67,269	66,879	82,053	36,723	84,980	624,741
	e. 5020014 Bottom/Fly Ash Reagents Expense		47,833	127,050	156,530	140,285	160,982	162,206	81,387	78,202	78,300	71,994	42,473	74,033	1,187,204
	f. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (C)		373,044	509,484	1,427,447	1,226,872	892,445	822,279	752,790	726,068	692,768	650,058	395,535	684,567	9,143,353
8	Total System Recoverable Expenses (Lines 5 + 7)		\$390,693	\$817,331	\$1,434,568	\$1,234,858	\$901,340	\$830,428	\$780,599	\$734,062	\$700,760	\$658,052	\$393,530	\$682,561	\$9,238,783
	a. Recoverable costs allocated to Energy		390,693	817,331	1,434,568	1,234,858	901,340	830,428	780,599	734,062	700,760	658,052	393,530	682,561	9,238,783
	b. Recoverable costs allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Energy Jurisdictional Factor		0.99120	0.99240	0.99560	0.99550	0.99520	0.99280	0.99480	0.99440	0.99390	0.99370	0.99410	0.99480	0.99480
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	N/A
11	Retail Energy-Related Recoverable Costs (D)		377,343	513,399	1,428,256	1,229,301	897,014	824,449	756,644	729,952	696,485	653,906	391,208	689,029	9,186,987
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)		\$ 377,343	\$ 513,399	\$ 1,428,256	\$ 1,229,301	\$ 897,014	\$ 824,449	\$ 756,644	\$ 729,952	\$ 696,485	\$ 653,906	\$ 391,208	\$ 689,029	\$ 9,186,987

**Notes:**

- (A) Line 3 x 10.98% x 1/12. Based on ROE of 10.50%, weighted cost of equity component of capital structure of 4.03%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

Form 42-8E  
Page 11 of 18

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 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Actual July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$283	\$283	\$283	\$283	\$283	\$283	\$1,700
	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	10,199	10,199	10,199	10,199	10,199	10,199	10,199	10,199	10,199	10,199	10,199	10,199	10,199	10,199
3	Less: Accumulated Depreciation	(1,324)	(1,350)	(1,376)	(1,402)	(1,428)	(1,454)	(1,480)	(1,506)	(1,532)	(1,558)	(1,584)	(1,610)	(1,636)	(1,636)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	283	567	850	1,133	1,417	1,700	1,700
5	Net Investment (Lines 2 + 3 + 4)	\$8,875	\$8,849	\$8,823	\$8,797	\$8,771	\$8,745	\$8,719	\$8,976	\$9,234	\$9,491	\$9,748	\$10,006	\$10,263	\$10,263
6	Average Net Investment		8,862	8,836	8,810	8,784	8,758	8,732	8,848	9,105	9,362	9,620	9,877	10,134	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	22	22	22	22	22	21	22	22	23	24	24	25	\$271
	b. Equity Component Grossed Up For Taxes	8.02%	59	59	59	59	59	58	59	61	63	64	66	68	734
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.10%		26	26	26	26	26	26	26	26	26	26	26	26	312
	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) 0.009674		8	8	8	8	8	8	8	8	8	8	8	8	96
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$115	\$115	\$115	\$115	\$115	\$113	\$115	\$117	\$120	\$122	\$124	\$127	\$1,413
	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		\$115	\$115	\$115	\$115	\$115	\$113	\$115	\$117	\$120	\$122	\$124	\$127	\$1,413
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 - (Distribution)		0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624
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)		115	115	115	115	115	113	115	117	120	122	124	127	1,408
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$115	\$115	\$115	\$115	\$115	\$113	\$115	\$117	\$120	\$122	\$124	\$127	\$1,408

**Notes:**

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.50%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc Tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

Form 42-8E  
 Page 12 of 18

Return on Capital Investments, Deprecation and Taxes  
 For Project: UNDERGROUND STORAGE TANKS - Base (Project 10.1)  
 (in Dollars)

Line	Description	Beginning of Period	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	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/Deprecation 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	(21,136)	(21,432)	(21,728)	(22,024)	(22,320)	(22,616)	(22,912)	(23,208)	(23,504)	(23,800)	(24,096)	(24,392)	(24,688)	(24,984)
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)	\$147,805	\$147,509	\$147,213	\$146,917	\$146,621	\$146,325	\$146,029	\$145,733	\$145,437	\$145,141	\$144,845	\$144,549	\$144,253	\$143,957
6	Average Net Investment		147,657	147,361	147,065	146,769	146,473	146,177	145,881	145,585	145,289	144,993	144,697	144,401	144,105
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	363	363	362	361	360	360	359	358	357	357	356	355	4,311
	b. Equity Component Grossed Up For Taxes	8.02%	987	985	983	981	979	977	975	973	971	969	967	965	11,712
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.10%	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)	0.007880	111	111	111	111	111	111	111	111	111	111	111	111	1,332
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,757	\$1,755	\$1,752	\$1,749	\$1,746	\$1,744	\$1,741	\$1,738	\$1,735	\$1,733	\$1,730	\$1,727	\$20,907
	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		\$1,757	\$1,755	\$1,752	\$1,749	\$1,746	\$1,744	\$1,741	\$1,738	\$1,735	\$1,733	\$1,730	\$1,727	\$20,907
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)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683
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)		1,611	1,609	1,606	1,604	1,601	1,599	1,596	1,593	1,591	1,589	1,586	1,583	19,168
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,611	\$1,609	\$1,606	\$1,604	\$1,601	\$1,599	\$1,596	\$1,593	\$1,591	\$1,589	\$1,586	\$1,583	\$19,168

Notes:

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.50%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc Tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Estimated / Actual Amount**  
**January 2012 through December 2012**

Form 42-8E  
Page 13 of 18

Return on Capital Investments, Depreciation and Taxes  
For Project: UNDERGROUND STORAGE TANKS - Intermediate (10.2)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	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	(12,041)	(12,244)	(12,447)	(12,650)	(12,853)	(13,056)	(13,259)	(13,462)	(13,665)	(13,868)	(14,071)	(14,274)	(14,477)	
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)	\$63,965	\$63,762	\$63,559	\$63,356	\$63,153	\$62,950	\$62,747	\$62,544	\$62,341	\$62,138	\$61,935	\$61,732	\$61,529	
6	Average Net Investment		63,864	63,661	63,458	63,255	63,052	62,849	62,646	62,443	62,240	62,037	61,834	61,631	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	157	157	156	156	155	155	154	154	153	153	152	152	1,854
	b. Equity Component Grossed Up For Taxes	8.02%	427	426	424	423	422	420	419	418	416	415	413	412	5,035
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.20%		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) 0.010140		64	64	64	64	64	64	64	64	64	64	64	64	768
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$851	\$850	\$847	\$846	\$844	\$842	\$840	\$839	\$836	\$835	\$832	\$831	\$10,093
	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		\$851	\$850	\$847	\$846	\$844	\$842	\$840	\$839	\$836	\$835	\$832	\$831	\$10,093
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)		0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	
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)		549	548	546	546	545	543	542	541	539	539	537	536	6,512
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$549	\$548	\$546	\$546	\$545	\$543	\$542	\$541	\$539	\$539	\$537	\$536	\$6,512

**Notes:**

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11



**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

Form 42-8E  
 Page 14 of 18

Return on Capital Investments, Depreciation and Taxes  
 For Project: MODULAR COOLING TOWERS - Base (Project 11)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Actual July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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	665,141	665,141	665,141	665,141	665,141	665,141	665,141	665,141	665,141	665,141	665,141	665,141	665,141	665,141
3	Less: Accumulated Depreciation	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)	(665,141)
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	\$0
6	Average Net Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Equity Component Grossed Up For Taxes	8.02%	0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	20.00%	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)	0.007880	437	437	437	437	437	437	437	437	437	437	437	437	5,244
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$5,244
	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		\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$437	\$5,244
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)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683
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)		401	401	401	401	401	401	401	401	401	401	401	401	4,808
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$401	\$401	\$401	\$401	\$401	\$401	\$401	\$401	\$401	\$401	\$401	\$401	\$4,808

**Notes:**

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.50%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on 5 year life of project, as stated in Dkt. 060182-EI.
- (D) Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

Docket No. 120007-EI  
 Progress Energy Florida, Inc.  
 Witness T.G. Foster  
 Exhibit No. (TGF-1)  
 Page 20 of 26

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

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

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Actual July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$2,899	\$262,420	\$9,823	\$80,692	\$32,954	\$46,812	\$24,671	\$24,671	\$24,671	\$24,671	\$24,671	\$24,671	\$563,727
	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)		100,526	100,295	101,689	103,267	104,150	104,965	106,069	106,879	107,694	108,516	109,340	110,170	
2	Plant-In-Service/Depreciation Base	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735
3	Less: Accumulated Depreciation	(14,722)	(15,234)	(15,746)	(16,258)	(16,770)	(17,282)	(17,794)	(18,306)	(18,818)	(19,330)	(19,842)	(20,354)	(20,866)	(20,866)
4	CWIP - AFUDC Bearing	16,074,201	16,177,626	16,540,341	16,951,953	16,815,912	16,953,018	17,104,794	17,235,534	17,367,094	17,499,450	17,632,636	17,766,847	17,901,486	
5	Net Investment (Lines 2 + 3 + 4)	\$16,421,214	\$16,524,127	\$16,886,330	\$16,997,431	\$17,160,877	\$17,297,470	\$17,448,735	\$17,578,964	\$17,710,002	\$17,841,856	\$17,974,529	\$18,106,028	\$18,242,358	
6	Average Net Investment (B)		\$346,758	\$346,246	\$345,734	\$345,222	\$344,710	\$344,198	\$343,686	\$343,174	\$342,662	\$342,150	\$341,638	\$341,126	
7	Return on Average Net Investment (C)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	853	852	851	849	848	847	846	844	843	842	841	839	10,155
	b. Equity Component Grossed Up For Taxes	8.02%	2,316	2,315	2,312	2,308	2,305	2,301	2,298	2,295	2,291	2,288	2,284	2,281	27,586
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (D)		512	512	512	512	512	512	512	512	512	512	512	512	6,144
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	N/A
	d. Property Taxes (E)		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)		\$3,963	\$3,950	\$3,955	\$3,949	\$3,945	\$3,940	\$3,936	\$3,931	\$3,926	\$3,922	\$3,917	\$3,912	\$47,255
	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		\$3,963	\$3,950	\$3,955	\$3,949	\$3,945	\$3,940	\$3,936	\$3,931	\$3,926	\$3,922	\$3,917	\$3,912	\$47,255
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)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
12	Retail Energy-Related Recoverable Costs (F)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (G)		3,633	3,630	3,626	3,621	3,617	3,612	3,609	3,604	3,599	3,596	3,591	3,587	43,325
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,633	\$3,630	\$3,626	\$3,621	\$3,617	\$3,612	\$3,609	\$3,604	\$3,599	\$3,596	\$3,591	\$3,587	\$43,325

**Notes:**

- (A) AFUDC rate reflected within Docket 100134-EI per Order PSC-10-0604-PAA-EI.
- (B) Line represents the Average Net Investment excluding AFUDC interest-bearing CWIP projects. Refer to Capital Program Detail for Average Net Investment Return on which Line 7 is calculated.
- (C) Weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.828002). Based on 2010 rate case Order PSC-10-0131-FOF-EI.
- (D) Depreciation calculated only on assets placed in-service which appear in CR Thermal Discharge Project section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (E) Property taxes calculated only on assets placed in-service which appear in CR Thermal Discharge Project section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (F) Line 8a x Line 10
- (G) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

Return on Capital Investments, Depreciation and Taxes  
 For Project: NPDES (Project 16)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12
1	Investments													
	a. Expenditures/Additions		\$ 5,735	\$ 12,857	\$ 76,949	\$ 26,110	\$ 21	\$ 18,804	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 900,000	\$ 825,033
	b. Cleanings to Plant		0	0	0	0	0	0	0	0	0	0	0	2,323,361
	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	0	0	0	0	0	0	0	0	0	0	0	0	2,323,361
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	(3,195)
4	CWIP - Non-Interest Bearing	60,051	65,788	78,443	155,393	181,503	181,524	198,328	298,328	398,328	498,328	598,328	1,498,328	0
5	Net Investment (Lines 2 + 3 + 4)	\$ 60,051	\$ 65,788	\$ 78,443	\$ 155,393	\$ 181,503	\$ 181,524	\$ 198,328	\$ 298,328	\$ 398,328	\$ 498,328	\$ 598,328	\$ 1,498,328	\$ 2,320,166
6	Average Net Investment		62,919	72,115	116,918	168,448	181,513	189,826	248,328	348,328	448,328	548,328	1,048,328	1,909,247
7	Return on Average Net Investment (B)													
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	155	177	288	414	447	467	811	857	1,103	1,348	2,579	4,697
	b. Equity Component Grossed Up For Taxes	8.02%	421	482	782	1,126	1,214	1,270	1,860	2,329	2,998	3,666	7,009	12,766
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses													
	a. Depreciation (C) 3.30%		0	0	0	0	0	0	0	0	0	0	0	3,195
	b. Amortization		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
	d. Property Taxes (D) 0.010140		0	0	0	0	0	0	0	0	0	0	0	1,963
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$578	\$659	\$1,070	\$1,540	\$1,661	\$1,737	\$2,271	\$3,186	\$4,101	\$5,015	\$9,588	\$22,621
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$578	\$659	\$1,070	\$1,540	\$1,661	\$1,737	\$2,271	\$3,186	\$4,101	\$5,015	\$9,588	\$22,621
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)		0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519	0.64519
12	Retail Energy-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0
13	Retail Demand-Related Recoverable Costs (F)		372	425	690	994	1,072	1,121	1,465	2,056	2,646	3,236	6,186	14,595
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$372	\$425	\$690	\$994	\$1,072	\$1,121	\$1,465	\$2,056	\$2,646	\$3,236	\$6,186	\$14,595

(A) N/A

(B) Line 6 x 10.98% x 1/12. Based on ROE of 10.50%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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 2011 Effective Tax Rate on original cost.

(E) Line 9a x Line 10

(F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
 Environmental Cost Recovery Clause (ECRC)  
 Calculation of the Estimated / Actual Amount  
 January 2012 through December 2012

Form 42-8E  
 Page 17 of 18

Return on Capital Investments, Depreciation and Taxes  
 For Project: Mercury & Air Toxic Standards (MATS) - Energy (Crystal River 4 & 5) (Project 17)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$930	\$400,000	\$100,000	\$187,500	\$187,500	\$187,500	\$187,500	\$1,250,930
	b. Cleanings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (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	CWP - Non-Interest Bearing	0	0	0	0	0	0	930	400,930	500,930	688,430	875,930	1,063,430	1,250,930	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$930	\$400,930	\$500,930	\$688,430	\$875,930	\$1,063,430	\$1,250,930	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$465	\$200,930	\$450,930	\$594,680	\$782,180	\$969,680	\$1,157,180	
7	Return on Average Net Investment (B)														
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	0	0	0	0	0	1	494	1,109	1,463	1,924	2,386	2,847	10,224
	b. Equity Component Grossed Up For Taxes	8.02%	0	0	0	0	0	3	1,343	3,015	3,976	5,230	6,483	7,737	27,787
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.50%		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) 0.008310		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	\$4	\$1,837	\$4,124	\$5,439	\$7,154	\$8,869	\$10,584	\$38,011
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	4	1,837	4,124	5,439	7,154	8,869	10,584	38,011
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Energy Jurisdictional Factor		0.99120	0.99240	0.99560	0.99550	0.99520	0.99280	0.99480	0.99440	0.99390	0.99370	0.99410	0.99490	
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	4	1,827	4,101	5,406	7,109	8,817	10,530	37,794
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)		\$0	\$0	\$0	\$0	\$0	\$4	\$1,827	\$4,101	\$5,406	\$7,109	\$8,817	\$10,530	\$37,794

**Notes:**

- (A) N/A
- (B) Line 6 x 10.98% x 1/12. Based on ROE of 10.50%, weighted cost of equity component of capital structure of 4.93%, and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-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 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Current Period Estimated/Actual Amount**  
**January 2012 through December 2012**

**Variance Report of Capital Investment Projects - Capital Expenditures**  
**(in Dollars)**

Line		(1)	(2)	(3)	(4)
		Estimated/ Actual	Amended Projection	Variance Amount	Percent
1	Description of Investment Projects				
3	Pipeline Integrity Management - Bartow/Anclole Pipeline-Intermediate	\$ 6	\$ 0	\$ 6	100%
4.1	Above Ground Tank Secondary Containment - Peaking	5,267	0	5,267	100%
4.2	Above Ground Tank Secondary Containment - Base	0	0	0	0%
4.3	Above Ground Tank Secondary Containment - Intermediate	0	0	0	0%
5	SO2/NOx Emissions Allowances - Energy (A)	21,403,584	18,627,860	2,775,724	15%
7.1	CAIR/CAMR Anclole- Intermediate	0	0	0	0%
7.2	CAIR CT's - Peaking	0	0	0	0%
7.3	CAMR Crystal River - Base	0	0	0	0%
7.4	CAIR Crystal River AFUDC - Base	22,541,982	27,947,520	(5,405,538)	-19%
7.4	CAIR Crystal River AFUDC - Energy (A)	874,032	591,278	282,756	48%
9	Sea Turtle - Coastal Street Lighting -Distribution	1,700	0	1,700	100%
10.1	Underground Storage Tanks-Base	0	0	0	0%
10.2	Underground Storage Tanks-Intermediate	0	0	0	0%
11	Modular Cooling Towers - Base	0	0	0	0%
11.1	Thermal Discharge Permanent Cooling Tower - Base	563,727	0	563,727	100%
16	National Pollutant Discharge Elimination System (NPDES)-Intermediate	2,263,310	2,261,704	1,608	0%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Base	1,250,930	0	1,250,930	100%
17.1	Mercury & Air Toxic Standards (MATS) Anclole- Intermediate	22,186,874	0	22,186,874	100%
2	Total Investment Projects - Capital Expenditures	\$ 71,091,412	\$ 49,428,360	\$ 21,663,052	44%

Notes:  
 (A) Working Capital

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Current Period Estimated/Actual Amount**  
**January 2012 through December 2012**

Form 42-9E

**Progress Energy Florida 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	2.95%	2.95%
Total Equity	4.93%	8.02%

Source: Per Staff 13-Month Average Capital Structure worksheet - Schedule 2 REVISED - handed out at 1/11/10 Rate Case Agenda - Docket No. 090079-EI

Rationale: The Company is using the currently approved capital structure and cost rates in accordance with the 2010 rate case Order PSC-10-0131-FOF-EI.

**Progress Energy Florida, Inc.  
Environmental Cost Recovery  
Capital Program Detail**

**January 2012 - December 2012**

**Docket No. 120007-EI**

PROJECT 38 ARLIN (FLORIDA)  
Environmental Remediation (ERC)  
Capital Program Budget Support - January 2012 through December 2012  
Quality Integrity Management (Project 3 Range)

For Project: PIPELINE INTEGRITY MANAGEMENT - Alderman Road Fence (Project 3.14)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Changes in Plans		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Reversions		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		33,962	33,962	33,962	33,962	33,962	33,962	33,962	33,962	33,962	33,962	33,962	33,962	33,962
3	Less: Accumulated Depreciation		(4,763)	(4,947)	(4,891)	(4,885)	(7,089)	(7,893)	(7,117)	(7,171)	(7,206)	(7,379)	(7,333)	(7,387)	(7,441)
4	CMSP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)		27,199	27,015	29,071	29,077	26,873	26,869	26,845	26,786	26,756	26,701	26,629	26,575	26,519
6	Average Net Investment		27,133	27,079	27,826	28,071	28,917	28,953	28,809	28,716	28,701	28,647	28,603	28,538	28,538
7	Return on Average Net Investment		67	67	86	86	101	100	100	100	100	100	100	100	100
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	161	161	181	180	180	180	178	178	178	178	178	177	177
b.	Equity Component Granted Up For Taxes	5.07%	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		54	54	54	54	54	54	54	54	54	54	54	54	54
a.	Depreciation	1.00%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		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
c.	Commitment		26	26	26	26	26	26	26	26	26	26	26	26	26
d.	Property Taxes	0.000000	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)		330	330	330	330	330	330	327	327	327	328	325	324	324
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		330	330	330	330	330	330	327	327	327	328	325	324	324

For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Leak Detection (Project 3.16)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Changes in Plans		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Reversions		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	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636	2,640,636
3	Less: Accumulated Depreciation		(658,879)	(884,789)	(878,143)	(881,863)	(887,884)	(893,309)	(898,638)	(904,747)	(910,688)	(916,189)	(921,190)	(926,191)	(931,192)
4	CMSP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)		1,981,757	1,755,847	1,762,493	1,758,773	1,752,752	1,747,327	1,742,000	1,735,889	1,730,198	1,724,447	1,718,726	1,713,005	1,707,284
6	Average Net Investment		1,978,767	1,872,876	1,867,366	1,861,634	1,856,913	1,852,182	1,847,471	1,842,760	1,838,059	1,833,358	1,828,657	1,823,956	1,819,255
7	Return on Average Net Investment		4,868	4,864	4,860	4,828	4,812	4,786	4,764	4,720	4,704	4,704	4,742	4,726	4,714
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	13,231	13,162	13,164	13,190	13,079	13,038	13,091	12,963	12,926	12,888	12,848	12,810	12,810
b.	Equity Component Granted Up For Taxes	5.07%	0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		5,721	5,721	5,721	5,721	5,721	5,721	5,721	5,721	5,721	5,721	5,721	5,721	5,721
a.	Depreciation	2.50%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		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
c.	Commitment		2,187	2,187	2,187	2,187	2,187	2,187	2,187	2,187	2,187	2,187	2,187	2,187	
d.	Property Taxes	0.000000	0	0	0	0	0	0	0	0	0	0	0	0	0
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		26,097	26,154	26,102	26,050	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000
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		26,097	26,154	26,102	26,050	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000	26,000



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

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Charge 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	(86,372)	(87,342)	(88,312)	(89,282)	(90,252)	(91,222)	(92,192)	(93,162)	(94,132)	(95,102)	(96,072)	(97,042)	(98,012)	(100,012)
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)	823,035	822,065	821,095	819,125	818,155	816,185	814,215	812,245	810,275	808,305	806,335	804,365	802,395	800,395
6	Average Net Investment		823,048	821,078	819,108	817,138	815,168	813,198	811,228	809,258	807,288	805,318	803,348	801,378	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,025	2,020	2,015	2,010	2,008	2,001	1,998	1,991	1,988	1,981	1,978	1,972	23,970
b.	Equity Component Grossed Up For Taxes	8.62%	5,503	5,488	5,477	5,464	5,450	5,437	5,424	5,411	5,398	5,385	5,371	5,358	65,168
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.00%	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	1,970	23,640
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Disposal/Retirement		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	0.000030	753	753	753	753	753	753	753	753	753	753	753	753	9,036
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		10,251	10,233	10,216	10,197	10,179	10,161	10,143	10,125	10,107	10,089	10,070	10,053	121,873
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		10,251	10,233	10,216	10,197	10,179	10,161	10,143	10,125	10,107	10,089	10,070	10,053	121,873

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

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Charge 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	136,008	136,074	136,074	136,074	136,074	136,074	136,074	136,074	136,074	136,074	136,074	136,074	136,074	136,074
3	Less: Accumulated Depreciation	(182)	(678)	(668)	(1,341)	(1,724)	(2,107)	(2,490)	(2,873)	(3,256)	(3,639)	(4,022)	(4,406)	(4,789)	(4,789)
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)	135,826	135,496	135,406	134,733	133,350	133,967	133,584	133,201	132,818	132,435	132,052	131,669	131,286	130,285
6	Average Net Investment		134,968	134,308	133,628	132,942	133,188	132,778	132,363	132,018	131,627	131,244	130,861	130,478	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	331	330	329	329	329	327	326	325	324	323	322	321	3,915
b.	Equity Component Grossed Up For Taxes	8.62%	801	808	805	803	800	808	806	803	801	808	805	802	10,638
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	3.40%	363	363	363	363	363	363	363	363	363	363	363	363	4,368
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Disposal/Retirement		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	0.000030	112	112	112	112	112	112	112	112	112	112	112	112	1,344
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,727	1,723	1,718	1,717	1,713	1,710	1,708	1,703	1,699	1,692	1,682	1,680	20,463
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		1,727	1,723	1,718	1,717	1,713	1,710	1,708	1,703	1,699	1,692	1,682	1,680	20,463

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - TURNER CTo (Project 4.1a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	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	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599	2,086,599
3	Less: Accumulated Depreciation	(168,078)	(163,202)	(168,325)	(173,448)	(178,571)	(183,694)	(188,817)	(193,940)	(199,063)	(204,186)	(209,309)	(214,432)	(219,555)	(219,555)
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)	1,918,521	1,923,397	1,918,274	1,913,151	1,908,028	1,902,905	1,897,782	1,892,659	1,887,536	1,882,413	1,877,290	1,872,167	1,867,044	1,867,044
6	Average Net Investment		1,905,858	1,900,638	1,895,418	1,890,198	1,884,978	1,879,758	1,874,538	1,869,318	1,864,098	1,858,878	1,853,658	1,848,438	1,848,438
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	4,689	4,677	4,664	4,651	4,639	4,626	4,614	4,601	4,588	4,576	4,563	4,551	56,439
b	Equity Component (Gained Up For Taxes)	8.62%	12,744	12,706	12,675	12,641	12,607	12,572	12,538	12,504	12,470	12,436	12,401	12,367	150,963
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	2.95%	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	5,123	61,478
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	0
d	Property Taxes	8.61248	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	2,141	25,692
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		24,667	24,650	24,633	24,616	24,600	24,582	24,566	24,550	24,532	24,515	24,498	24,482	293,270
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		24,667	24,650	24,633	24,616	24,600	24,582	24,566	24,550	24,532	24,515	24,498	24,482	293,270

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BARTOW CTo (Project 4.1b)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	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	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801
3	Less: Accumulated Depreciation	(116,671)	(118,364)	(123,041)	(128,728)	(134,415)	(140,102)	(145,789)	(151,476)	(157,163)	(162,850)	(168,537)	(174,224)	(179,911)	(179,911)
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)	1,357,130	1,355,437	1,350,760	1,345,073	1,339,386	1,333,700	1,328,013	1,322,326	1,316,640	1,310,953	1,305,266	1,299,580	1,293,893	1,293,893
6	Average Net Investment		1,346,288	1,342,603	1,338,918	1,335,233	1,331,548	1,327,863	1,324,178	1,320,493	1,316,808	1,313,123	1,309,438	1,305,753	1,305,753
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	3,337	3,328	3,319	3,310	3,301	3,292	3,282	3,273	3,264	3,255	3,246	3,237	39,444
b	Equity Component (Gained Up For Taxes)	8.62%	8,068	8,044	8,019	8,004	7,979	7,954	7,929	7,904	7,879	7,854	7,829	7,804	107,164
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	2.95%	3,885	3,885	3,885	3,885	3,885	3,885	3,885	3,885	3,885	3,885	3,885	3,885	44,220
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	0
d	Property Taxes	8.61048	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	1,246	14,940
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		17,336	17,302	17,268	17,234	17,201	17,167	17,133	17,099	17,065	17,032	16,998	16,964	205,798
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		17,336	17,302	17,268	17,234	17,201	17,167	17,133	17,099	17,065	17,032	16,998	16,964	205,798

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - INTERCESSION CITY CTs (Project 4.1c)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Changes to Plant	0	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	0
d.	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064	1,061,064
3	Less: Accumulated Depreciation	(365,440)	(404,580)	(413,737)	(422,670)	(432,014)	(441,194)	(450,293)	(459,432)	(468,571)	(477,710)	(486,849)	(495,988)	(505,127)	(504,127)
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)	1,206,204	1,267,088	1,247,027	1,238,788	1,229,049	1,220,510	1,211,371	1,202,232	1,193,093	1,183,854	1,174,615	1,165,376	1,156,237	1,145,527
6	Average Net Investment		1,267,088	1,252,497	1,243,358	1,234,219	1,225,080	1,216,041	1,206,902	1,197,863	1,188,824	1,179,785	1,170,746	1,161,707	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	3,104	3,082	3,059	3,037	3,014	2,992	2,969	2,947	2,924	2,902	2,879	2,857	35,788
b.	Equity Component Grossed Up For Taxes	6.82%	6,438	6,374	6,313	6,252	6,191	6,130	6,069	6,008	5,947	5,886	5,824	5,763	7,763
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	6.69%	0,130	0,130	0,130	0,130	0,130	0,130	0,130	0,130	0,130	0,130	0,130	0,130	104,688
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	6.86000	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	1,245	14,940
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		21,924	21,940	21,756	21,873	21,588	21,508	21,422	21,336	21,250	21,172	21,087	21,004	267,567
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		21,924	21,940	21,756	21,873	21,588	21,508	21,422	21,336	21,250	21,172	21,087	21,004	267,567

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - AYDN PARK CTs (Project 4.1d)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions	0	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Changes to Plant	0	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	0
d.	Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938
3	Less: Accumulated Depreciation	(38,346)	(38,681)	(38,777)	(40,683)	(41,209)	(41,825)	(42,841)	(43,357)	(44,073)	(44,789)	(45,505)	(46,221)	(46,937)	(46,937)
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)	140,592	139,977	139,181	138,445	137,729	137,013	136,297	135,581	134,865	134,149	133,433	132,717	132,001	132,001
6	Average Net Investment		140,235	139,519	138,803	138,087	137,371	136,655	135,939	135,223	134,507	133,791	133,075	132,359	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	346	343	341	340	338	336	334	333	331	329	327	326	4,023
b.	Equity Component Grossed Up For Taxes	6.82%	808	833	828	823	818	814	809	804	800	795	790	785	10,636
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	4.69%	716	716	716	716	716	716	716	716	716	716	716	716	8,582
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	6.89830	133	133	133	133	133	148	148	148	148	148	148	148	1,778
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		2,132	2,125	2,118	2,112	2,105	2,100	2,100	2,101	2,104	2,108	2,111	2,114	25,327
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		2,132	2,125	2,118	2,112	2,105	2,100	2,100	2,101	2,104	2,108	2,111	2,114	25,327

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BAYBORD CTs (Project 4.1a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Change 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	730,295	730,295	730,295	730,295	730,295	730,496	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295
3	Less: Accumulated Depreciation	(80,420)	(81,248)	(83,072)	(84,898)	(86,724)	(88,550)	(90,376)	(92,202)	(94,028)	(95,854)	(97,680)	(99,506)	(101,332)	(111,332)
4	CVWP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	649,875	630,049	627,223	625,397	623,571	621,746	620,019	628,093	626,267	624,441	622,615	620,789	618,963	618,963
6	Average Net Investment		638,862	638,136	638,310	634,664	632,858	630,832	629,088	627,180	625,254	623,528	621,702	618,876	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	1,575	1,570	1,566	1,561	1,557	1,552	1,548	1,543	1,538	1,534	1,530	1,525	18,600
b.	Equity Component Grossed Up For Taxes	8.62%	4,279	4,267	4,254	4,242	4,230	4,218	4,206	4,193	4,181	4,169	4,157	4,145	60,541
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	3.00%	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	1,828	21,912
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Disarmament		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	0.018148	817	817	817	817	817	817	817	817	817	817	817	817	7,404
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		8,297	8,285	8,263	8,248	8,230	8,213	8,197	8,179	8,163	8,148	8,130	8,113	98,657
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		8,297	8,285	8,263	8,248	8,230	8,213	8,197	8,179	8,163	8,148	8,130	8,113	98,657

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - SURANNEE CTs (Project 4.1f)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Change 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	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198	1,037,198
3	Less: Accumulated Depreciation	(162,808)	(155,860)	(158,512)	(161,364)	(164,218)	(167,080)	(169,920)	(172,772)	(175,624)	(178,478)	(181,328)	(184,180)	(187,032)	(187,032)
4	CVWP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	884,391	881,538	878,687	875,835	872,983	870,131	867,279	864,427	861,575	858,723	855,871	853,019	850,167	850,167
6	Average Net Investment		882,985	880,113	877,261	874,408	871,557	868,706	865,853	863,001	860,148	857,297	854,445	851,593	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,172	2,165	2,158	2,151	2,144	2,137	2,130	2,123	2,116	2,109	2,102	2,095	25,802
b.	Equity Component Grossed Up For Taxes	8.62%	5,804	5,805	5,806	5,806	5,807	5,808	5,780	5,770	5,751	5,732	5,713	5,694	68,585
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	3.30%	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	34,224
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Disarmament		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	0.005568	742	742	742	742	742	742	742	742	742	742	742	742	8,904
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		11,870	11,844	11,818	11,801	11,786	11,770	11,753	11,737	11,721	11,705	11,689	11,673	138,316
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		11,870	11,844	11,818	11,801	11,786	11,770	11,753	11,737	11,721	11,705	11,689	11,673	138,316

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

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions		(6,417)	10,309	3,083	(1,708)	(1)	0	0	0	0	0	0	0	0
b.	Changes in Plant		(6,417)	10,309	3,083	(1,708)	(1)	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	3,611,638	3,605,220	3,616,528	3,618,811	3,616,906	3,618,804	3,616,904	3,618,804	3,618,804	3,618,804	3,618,804	3,618,804	3,618,804	3,618,804
3	Less: Accumulated Depreciation	(163,852)	(171,863)	(178,487)	(187,337)	(196,174)	(203,011)	(210,848)	(218,886)	(228,522)	(234,368)	(242,196)	(250,033)	(257,870)	(267,870)
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)	3,447,786	3,433,357	3,438,041	3,431,474	3,420,732	3,415,793	3,406,056	3,399,918	3,390,382	3,384,436	3,376,608	3,368,771	3,360,934	3,350,934
6	Average Net Investment		3,440,871	3,434,784	3,433,953	3,429,503	3,417,812	3,408,074	3,402,137	3,394,300	3,388,483	3,378,628	3,370,789	3,362,952	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	8,465	8,451	8,446	8,430	8,408	8,380	8,370	8,351	8,332	8,312	8,293	8,274	100,520
b.	Equity Component Grossed Up For Taxes	8.82%	23,005	22,966	22,968	22,910	22,852	22,800	22,747	22,696	22,643	22,590	22,538	22,485	273,188
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.88%	7,811	7,834	7,840	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	94,018
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Discontinuation		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	8.812438	3,734	3,746	3,748	3,747	3,747	3,747	3,747	3,747	3,747	3,747	3,747	3,747	44,950
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		43,016	42,988	42,984	42,874	42,845	42,774	42,701	42,630	42,568	42,488	42,415	42,343	512,882
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		43,016	42,988	42,984	42,874	42,845	42,774	42,701	42,630	42,568	42,488	42,415	42,343	512,882

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

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Changes in 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	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436	141,436
3	Less: Accumulated Depreciation	(42,890)	(43,228)	(43,662)	(43,888)	(43,934)	(44,170)	(44,408)	(44,642)	(44,878)	(45,114)	(45,350)	(45,586)	(45,822)	(46,022)
4	CWIP - Non-Interest Bearing	(0)	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	98,546	98,208	97,774	97,548	97,502	97,266	97,028	96,794	96,558	96,322	96,086	95,850	95,614	95,414
6	Average Net Investment		98,328	98,080	97,854	97,618	97,382	97,146	96,910	96,674	96,438	96,202	95,966	95,730	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	242	241	241	240	240	239	238	238	237	237	236	236	2,865
b.	Equity Component Grossed Up For Taxes	8.82%	867	868	864	863	861	860	848	848	846	843	842	840	7,786
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.88%	238	238	238	238	238	238	238	238	238	238	238	238	2,832
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Discontinuation		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	8.814458	170	170	170	170	170	170	170	170	170	170	170	170	2,040
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,305	1,303	1,301	1,299	1,297	1,295	1,292	1,290	1,288	1,286	1,284	1,282	15,522
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		1,305	1,303	1,301	1,299	1,297	1,295	1,292	1,290	1,288	1,286	1,284	1,282	15,522

**For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Higgins (Project 4.1)**  
 (In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a	Expenses/Adds		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Change 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		304,068	304,068	304,068	304,068	304,068	304,068	304,068	304,068	304,068	304,068	304,068	304,068	304,068
3	Less: Accumulated Depreciation		(64,444)	(64,221)	(64,008)	(63,795)	(63,582)	(63,370)	(63,158)	(62,946)	(62,734)	(62,522)	(62,310)	(62,098)	(61,886)
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)		340,524	339,747	339,970	335,193	333,418	321,638	320,962	328,082	328,308	324,531	322,754	320,877	316,210
6	Average Net Investment		338,635	337,858	338,081	334,304	332,527	330,750	328,973	327,196	326,419	323,642	321,865	320,088	
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.85% x 1/12)	2.85%	836	831	827	822	818	814	809	805	801	796	792	788	9,736
b	Equity Component Grossed Up For Taxes	6.62%	2,271	2,256	2,247	2,235	2,223	2,211	2,200	2,188	2,176	2,164	2,152	2,140	26,466
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	6.69%	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	21,324
b	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Disembarkment		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	8.81648	334	334	334	334	334	334	334	334	334	334	334	334	4,008
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)														
a	Recoverable Costs Allocated to Energy		6,218	6,201	6,185	6,168	6,152	6,136	6,120	6,104	6,088	6,071	6,056	6,039	61,537
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
			6,218	6,201	6,185	6,168	6,152	6,136	6,120	6,104	6,088	6,071	6,056	6,039	61,537

**For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 1 & 2 (Project 4.3)**  
 (In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a	Expenses/Adds		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Change 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		33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062	33,062
3	Less: Accumulated Depreciation		(10,986)	(11,087)	(11,188)	(11,301)	(11,403)	(11,505)	(11,607)	(11,709)	(11,811)	(11,913)	(12,016)	(12,117)	(12,219)
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)		22,076	21,975	21,874	21,761	21,658	21,547	21,446	21,343	21,241	21,139	21,037	20,935	20,833
6	Average Net Investment		22,048	21,944	21,842	21,740	21,638	21,536	21,434	21,332	21,230	21,128	21,026	20,924	
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.85% x 1/12)	2.85%	54	54	54	53	53	53	53	52	52	52	52	51	633
b	Equity Component Grossed Up For Taxes	6.62%	147	147	146	145	145	144	143	143	142	141	141	140	1,724
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	3.70%	102	102	102	102	102	102	102	102	102	102	102	102	1,224
b	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Disembarkment		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	8.66788	22	22	22	22	22	22	22	22	22	22	22	22	264
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)														
a	Recoverable Costs Allocated to Energy		325	325	324	322	322	321	320	319	318	317	317	316	3,845
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
			325	325	324	322	322	321	320	319	318	317	317	316	3,845

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 4 & 5 (Project 4.2a)  
 (In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Advances		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Contributions 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	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178	2,863,178
3	Less: Accumulated Depreciation	(294,863)	(210,807)	(218,751)	(228,888)	(238,639)	(248,639)	(240,527)	(246,471)	(262,416)	(268,360)	(264,303)	(270,247)	(276,191)	(276,191)
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)	2,568,315	2,652,372	2,644,427	2,634,290	2,624,539	2,614,539	2,612,651	2,616,707	2,600,762	2,600,762	2,598,875	2,592,931	2,576,987	2,576,987
6	Average Net Investment		2,646,344	2,638,600	2,633,658	2,627,512	2,621,588	2,615,824	2,609,980	2,603,736	2,597,792	2,591,848	2,585,904	2,579,960	2,579,960
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	6,508	6,464	6,479	6,465	6,450	6,435	6,421	6,408	6,391	6,377	6,362	6,348	77,136
b.	Equity Component (Grossed Up For Taxes)	6.62%	17,887	17,840	17,808	17,768	17,728	17,688	17,648	17,608	17,569	17,530	17,490	17,450	209,626
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.84%	5,944	5,944	5,944	5,944	5,944	5,944	5,944	5,944	5,944	5,944	5,944	5,944	71,328
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes	6.66788	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
e.	Other		1,874	1,874	1,874	1,874	1,874	1,874	1,874	1,874	1,874	1,874	1,874	1,874	22,488
9	Total System Recoverable Expenses (Lines 7 + 8)		32,013	31,980	31,905	31,861	31,798	31,742	31,688	31,633	31,578	31,523	31,470	31,418	380,577
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		32,013	31,980	31,905	31,861	31,798	31,742	31,688	31,633	31,578	31,523	31,470	31,418	380,577

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Anclote (Project 4.3)  
 (In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a.	Expenditures/Advances		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Contributions 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	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	(34,886)	(36,618)	(38,050)	(39,582)	(41,114)	(42,646)	(43,178)	(43,710)	(44,242)	(44,774)	(45,306)	(45,838)	(46,370)	(46,370)
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)	255,412	253,679	252,247	250,715	248,183	247,651	247,119	246,587	246,055	245,523	244,991	244,459	243,927	243,927
6	Average Net Investment		256,048	254,514	253,082	251,650	250,218	248,786	247,354	245,922	244,490	243,058	241,626	240,194	240,194
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	827	828	825	824	822	821	820	818	817	816	814	813	7,442
b.	Equity Component (Grossed Up For Taxes)	6.62%	1,706	1,702	1,698	1,695	1,691	1,687	1,684	1,680	1,677	1,673	1,670	1,666	20,228
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.28%	532	532	532	532	532	532	532	532	532	532	532	532	6,384
b.	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Dismantlement		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Property Taxes	6.994318	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
e.	Other		201	201	201	201	201	201	201	201	201	201	201	201	2,412
9	Total System Recoverable Expenses (Lines 7 + 8)		3,085	3,081	3,058	3,062	3,048	3,041	3,037	3,031	3,027	3,022	3,017	3,012	36,467
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		3,085	3,081	3,058	3,062	3,048	3,041	3,037	3,031	3,027	3,022	3,017	3,012	36,467

**PROGRESS ENERGY FLORIDA**  
**Environmental Cost Recovery Class (ECRC)**  
 Capital Program Budget Report - January 2012 through December 2012  
 CARR CTo (Project 7.3 Range)

**For Project: CARR CTo - AVON PARK (Project 7.2a)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings in 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	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754
3	Less: Accumulated Depreciation	(14,240)	(14,863)	(15,057)	(15,481)	(15,866)	(16,280)	(16,673)	(17,077)	(17,481)	(17,885)	(18,289)	(18,693)	(19,097)	(19,501)
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)	147,514	147,101	146,697	146,273	145,888	145,474	145,081	144,677	144,273	143,869	143,465	143,061	142,657	142,253
6	Average Net Investment		147,303	146,808	146,485	146,081	145,687	145,283	144,879	144,475	144,071	143,667	143,263	142,859	142,455
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	362	361	360	359	358	357	356	355	354	353	352	351	350
b	Equity Component Grossed Up For Taxes	8.62%	986	982	979	977	974	971	968	966	963	961	958	956	954
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	3.89%	404	404	404	404	404	404	404	404	404	404	404	404	404
b	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Disarmament		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	8.000000	134	134	134	134	134	134	134	134	134	134	134	134	134
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,885	1,881	1,877	1,874	1,870	1,868	1,863	1,860	1,856	1,852	1,848	1,844	1,840
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		1,885	1,881	1,877	1,874	1,870	1,868	1,863	1,860	1,856	1,852	1,848	1,844	1,840

**For Project: CARR CTo - BARTON (Project 7.3b)**  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Clearings in 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	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347
3	Less: Accumulated Depreciation	(28,081)	(28,448)	(28,815)	(29,182)	(29,549)	(29,916)	(30,283)	(30,650)	(31,017)	(31,384)	(31,751)	(32,118)	(32,485)	(32,852)
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)	247,266	246,899	246,532	246,165	245,798	245,431	245,064	244,697	244,330	243,963	243,596	243,229	242,862	242,495
6	Average Net Investment		247,083	246,716	246,349	245,982	245,615	245,248	244,881	244,514	244,147	243,780	243,413	243,046	242,679
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	808	807	806	805	804	803	802	802	801	800	800	800	800
b	Equity Component Grossed Up For Taxes	8.62%	1,852	1,850	1,847	1,845	1,842	1,840	1,837	1,836	1,832	1,830	1,828	1,826	1,825
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	3.89%	367	367	367	367	367	367	367	367	367	367	367	367	367
b	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Disarmament		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	8.010100	233	233	233	233	233	233	233	233	233	233	233	233	233
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		2,860	2,857	2,853	2,850	2,846	2,843	2,839	2,837	2,833	2,830	2,827	2,823	2,820
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		2,860	2,857	2,853	2,850	2,846	2,843	2,839	2,837	2,833	2,830	2,827	2,823	2,820



**PROGRESS ENERGY FLORIDA**  
Environmental Cost Recovery Cases (ERCs)  
Capital Programs Detail Report - January 2012 through December 2012  
CARR CUs (Project 7.3 Range)

For Project: CARR CUs - BAYBORO (Project 7.3-)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	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		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	108,988	108,988	108,988	108,988	108,988	108,988	108,988	108,988	108,988	108,988	108,988	108,988	108,988	108,988
3	Less: Accumulated Depreciation	(20,223)	(20,604)	(20,885)	(21,388)	(21,747)	(22,128)	(22,508)	(22,888)	(23,271)	(23,652)	(24,033)	(24,414)	(24,795)	(25,176)
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)	178,765	178,384	178,003	177,600	177,241	178,860	176,479	176,099	175,717	175,336	174,955	174,574	174,193	173,812
6	Average Net Investment		178,675	178,104	177,813	177,432	177,051	176,670	176,289	175,908	175,527	175,146	174,765	174,384	174,003
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.85% x 1/12)	2.85%	438	438	437	437	436	436	434	433	432	431	430	429	5,211
b	Equity Component Granted Up For Taxes	8.82%	1,194	1,181	1,188	1,188	1,184	1,181	1,178	1,174	1,174	1,171	1,168	1,165	14,160
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		381	381	381	381	381	381	381	381	381	381	381	381	4,572
a	Depreciation	3.36%	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization		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
c	Disinvestment		168	168	168	168	168	168	168	168	168	168	168	168	2,016
d	Property Taxes	8.818148	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)		2,182	2,178	2,175	2,172	2,169	2,166	2,162	2,158	2,156	2,151	2,148	2,144	26,958
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		2,182	2,178	2,175	2,172	2,169	2,166	2,162	2,158	2,156	2,151	2,148	2,144	26,958

For Project: CARR CUs - DaBARY (Project 7.24)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	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		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	87,887	87,887	87,887	87,887	87,887	87,887	87,887	87,887	87,887	87,887	87,887	87,887	87,887	87,887
3	Less: Accumulated Depreciation	(11,831)	(11,860)	(12,088)	(12,288)	(12,507)	(12,728)	(12,946)	(13,164)	(13,383)	(13,602)	(13,821)	(14,040)	(14,260)	(14,480)
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)	76,056	76,027	75,799	75,689	75,380	75,159	74,941	74,723	74,504	74,284	74,065	73,846	73,627	73,408
6	Average Net Investment		76,028	75,787	75,488	75,289	75,090	74,891	74,692	74,493	74,294	74,095	73,896	73,697	73,498
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.85% x 1/12)	2.85%	187	186	185	185	184	184	184	183	182	182	181	181	2,208
b	Equity Component Granted Up For Taxes	8.82%	508	506	505	503	502	500	499	497	496	494	493	490	6,065
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		219	219	219	219	219	219	219	219	219	219	219	219	2,628
a	Depreciation	3.86%	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization		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
c	Disinvestment		91	91	91	91	91	91	91	91	91	91	91	91	1,092
d	Property Taxes	8.812438	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,005	1,002	1,001	998	997	994	993	990	988	986	984	983	11,921
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		1,005	1,002	1,001	998	997	994	993	990	988	986	984	983	11,921

For Project: CAIR CTR - HQGMS (Project 1.2a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	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		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base		347,108	347,108	347,108	347,108	347,108	347,108	347,108	347,108	347,108	347,108	347,108	347,108	347,108
3	Less: Accumulated Depreciation		(26,709)	(27,608)	(28,447)	(29,289)	(30,129)	(30,984)	(31,803)	(32,642)	(33,461)	(34,290)	(35,160)	(36,000)	(36,837)
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)		320,429	319,500	318,751	317,812	317,073	316,234	315,305	314,566	313,717	312,879	312,039	311,200	310,361
6	Average Net Investment		320,000	318,176	316,331	314,482	312,652	310,814	314,875	314,138	313,297	312,458	311,619	310,780	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	787	785	783	781	779	777	775	773	771	769	767	766	9,312
b.	Equity Component Grossed Up For Taxes	8.82%	2,140	2,134	2,128	2,122	2,117	2,112	2,108	2,100	2,096	2,088	2,084	2,078	25,308
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.88%	836	836	836	836	836	836	836	836	836	836	836	836	10,088
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	6.898100	262	262	262	262	262	262	262	262	262	262	262	262	3,518
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		4,058	4,061	4,043	4,038	4,028	4,021	4,013	4,005	3,998	3,990	3,983	3,975	48,202
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		4,058	4,061	4,043	4,038	4,028	4,021	4,013	4,005	3,998	3,990	3,983	3,975	48,202

For Project: CAIR CTR - INTERDESMON CITY (Project 1.2b)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	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		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
3	Less: Accumulated Depreciation		(38,347)	(38,134)	(38,021)	(38,008)	(38,002)	(38,000)	(38,004)	(38,004)	(38,004)	(38,004)	(38,004)	(38,004)	(38,004)
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)		311,237	311,450	311,563	311,575	311,581	311,583	311,579	311,579	311,579	311,579	311,579	311,579	311,579
6	Average Net Investment		310,843	310,056	309,289	308,482	307,666	306,808	308,121	306,334	304,647	303,780	302,870	302,188	
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	785	783	781	758	757	755	753	751	749	747	745	743	9,048
b.	Equity Component Grossed Up For Taxes	8.82%	2,078	2,078	2,088	2,083	2,087	2,082	2,047	2,042	2,038	2,031	2,028	2,020	24,580
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	2.76%	787	787	787	787	787	787	787	787	787	787	787	787	9,444
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	6.898900	262	262	262	262	262	262	262	262	262	262	262	262	3,144
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,882	3,886	3,878	3,871	3,863	3,856	3,849	3,842	3,834	3,827	3,820	3,812	46,226
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		3,882	3,886	3,878	3,871	3,863	3,856	3,849	3,842	3,834	3,827	3,820	3,812	46,226

**PROGRESS ENERGY FLORIDA**  
Environmental Coal Recovery Class (ECRC)  
Capital Program Detail Report - January 2012 through December 2012  
CAR CTs (Project 1.2 Range)

For Project: CAR CTs - TURNER (Project 7.2a)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Charge 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	(30,883)	(11,117)	(11,251)	(11,388)	(11,526)	(11,663)	(11,797)	(11,931)	(12,066)	(12,199)	(12,333)	(12,467)	(12,591)	(12,591)
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)	123,029	122,895	122,761	122,627	122,486	122,350	122,225	122,091	121,967	121,823	121,689	121,555	121,421	121,421
6	Average Net Investment		122,862	122,828	122,694	122,560	122,426	122,292	122,158	122,024	121,890	121,756	121,622	121,488	
7	Return on Average Net Investment		303	302	302	302	301	301	301	300	300	300	299	298	3,610
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	822	821	820	819	818	817	816	815	814	813	812	811	9,808
b	Equity Component Grossed Up For Taxes	8.65%	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		134	134	134	134	134	134	134	134	134	134	134	134	1,805
a	Depreciation	1.26%	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization		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
c	Disarmament		130	130	130	130	130	130	130	130	130	130	130	130	1,488
d	Property Taxes	8.612438	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,308	1,306	1,305	1,304	1,303	1,302	1,301	1,300	1,299	1,297	1,296	1,294	16,802
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		1,308	1,306	1,305	1,304	1,303	1,302	1,301	1,300	1,299	1,297	1,296	1,294	16,802

For Project: CAR CTs - SUWANNEE (Project 7.2b)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Charge 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	381,580	381,580	381,580	381,580	381,580	381,580	381,580	381,580	381,580	381,580	381,580	381,580	381,580	381,580
3	Less: Accumulated Depreciation	(26,734)	(26,147)	(26,560)	(26,973)	(27,388)	(27,799)	(28,212)	(28,626)	(29,039)	(29,451)	(29,864)	(30,277)	(30,690)	(30,690)
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)	354,846	355,433	355,020	354,607	354,174	353,781	353,348	352,935	352,522	352,109	351,696	351,283	350,870	350,870
6	Average Net Investment		355,818	355,208	354,783	354,360	353,947	353,534	353,141	352,728	352,315	351,902	351,488	351,074	
7	Return on Average Net Investment		875	874	873	872	871	870	869	868	867	866	865	864	10,434
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,378	2,376	2,374	2,372	2,369	2,367	2,364	2,362	2,360	2,353	2,360	2,347	28,350
b	Equity Component Grossed Up For Taxes	8.65%	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		413	413	413	413	413	413	413	413	413	413	413	413	4,956
a	Depreciation	1.36%	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization		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
c	Disarmament		273	273	273	273	273	273	273	273	273	273	273	273	3,276
d	Property Taxes	8.666666	0	0	0	0	0	0	0	0	0	0	0	0	0
e	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		3,030	3,026	3,021	3,027	3,024	3,020	3,016	3,012	3,008	3,005	3,001	3,001	47,016
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		3,030	3,026	3,021	3,027	3,024	3,020	3,016	3,012	3,008	3,005	3,001	3,001	47,016

PROGRAM ENERGY FLORIDA  
Environmental Cost Recovery Cases (ERCs)  
Capital Program Detail Report - January 2012 through December 2012  
CARR/CARR Crystal River AFUDC (Project 7.4a)

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

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														478,529
a	Expenditures/Additions		7,724	6,338	(501)	4,871	206,296	4,816	50,638	100,000	100,000	0	0	0	0
b	Changes to Plant		7,724	6,338	(501)	4,871	206,296	4,816	50,638	100,000	100,000	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		17,588,468	17,504,223	17,569,581	17,509,068	17,903,821	17,810,218	17,815,027	17,866,027	17,866,027	18,086,027	18,086,027	18,086,027	18,086,027
3	Less: Accumulated Depreciation		(1,342,264)	(1,364,237)	(1,376,736)	(1,368,236)	(1,436,240)	(1,442,603)	(1,464,773)	(1,487,100)	(1,509,589)	(1,532,149)	(1,564,721)	(1,577,202)	(1,589,853)
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)		16,246,204	16,139,986	16,192,845	16,140,832	16,467,621	16,367,615	16,350,254	16,378,924	16,356,438	16,553,878	16,521,306	16,508,825	16,496,174
6	Average Net Investment		16,247,121	16,231,666	16,212,076	16,182,268	16,278,703	16,368,866	16,384,080	16,418,866	16,484,178	16,621,567	16,698,016	16,698,016	16,678,436
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	39,873	39,836	39,887	39,838	40,043	40,248	40,281	40,380	40,581	40,948	40,583	40,537	40,537
b	Equity Component Grossed Up For Taxes	8.89%	108,631	108,528	108,397	108,264	108,622	109,378	109,413	109,788	110,263	110,318	110,318	110,184	110,184
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	1.80%	21,983	21,669	21,988	22,005	22,263	22,380	22,331	22,698	22,541	22,581	22,581	22,581	22,581
b	Amortization														
c	Dissemination		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	0.007888	11,564	11,567	11,567	11,560	11,866	11,868	11,721	11,787	11,863	11,863	11,863	11,863	11,863
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)		142,151	142,019	141,849	141,887	142,823	143,546	143,728	144,488	144,308	145,508	145,362	145,362	145,146
a	Recoverable Costs Allocated to Energy		142,151	142,019	141,849	141,887	142,823	143,546	143,728	144,488	144,308	145,508	145,362	145,362	145,146
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0

For Project: CARR Crystal River AFUDC - UNIT 4 LBM/AM (Project 7.4b)  
In Dollars

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Changes 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		12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383	12,374,383
3	Less: Accumulated Depreciation		(866,267)	(882,177)	(907,967)	(933,737)	(958,517)	(986,297)	(1,011,077)	(1,036,857)	(1,062,637)	(1,088,417)	(1,114,197)	(1,139,977)	(1,165,757)
4	CWIP - Non-Interest Bearing		(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)	
5	Net Investment (Lines 2 + 3 + 4)		11,517,888	11,509,288	11,489,428	11,449,958	11,419,958	11,399,958	11,369,958	11,339,958	11,311,748	11,289,988	11,269,188	11,249,428	11,229,628
6	Average Net Investment		11,508,098	11,479,316	11,453,538	11,427,766	11,401,978	11,376,188	11,350,416	11,324,638	11,298,868	11,273,076	11,247,288	11,221,498	11,221,498
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	28,308	28,243	28,179	28,116	28,052	27,989	27,926	27,862	27,798	27,735	27,672	27,608	27,545
b	Equity Component Grossed Up For Taxes	8.82%	76,025	76,753	76,680	76,608	76,536	76,464	76,392	76,320	76,248	76,176	76,104	76,032	75,960
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	2.80%	26,780	26,780	26,780	26,780	26,780	26,780	26,780	26,780	26,780	26,780	26,780	26,780	26,780
b	Amortization														
c	Dissemination		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	0.007888	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128	8,128
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)		138,137	139,802	139,886	139,430	138,184	137,668	137,722	137,487	137,251	137,015	136,779	136,543	136,543
a	Recoverable Costs Allocated to Energy		138,137	139,802	139,886	139,430	138,184	137,668	137,722	137,487	137,251	137,015	136,779	136,543	136,543
b	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0

ENRON FLORIDA  
Environmental Cost Recovery Claims (ECRC)  
Capital Program Detail Report - January 2011 through December 2012  
CARR/CARR Crystal River AFUDC (Project 7a) (Note)

For Project: CARR Crystal River AFUDC - SCR Common Items (Project 7a)  
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Changes 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	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702	61,280,702
3	Less: Accumulated Depreciation	(3,858,973)	(3,888,888)	(4,114,228)	(4,261,881)	(4,388,477)	(4,487,953)	(4,624,738)	(4,782,304)	(4,878,881)	(5,087,057)	(5,136,233)	(5,282,864)	(5,380,485)	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	57,421,729	57,391,814	57,166,474	57,018,821	56,892,225	56,792,749	56,655,964	56,498,398	56,401,821	56,193,645	56,144,469	55,997,838	55,902,217	56,899,217
6	Average Net Investment		57,537,916	57,210,280	57,082,884	56,956,028	56,827,412	56,698,786	56,572,188	56,444,334	56,316,808	56,189,282	56,061,856	56,834,630	
7	Return on Average Net Investment														1,817,104
	a. Debt Component (Line 6 x 2.85% x 1/12)	2.86%	141,088	140,788	140,441	140,127	139,813	139,499	139,185	138,871	138,557	138,243	137,929	137,615	373,985
	b. Equity Component (Grossed Up For Taxes)	6.82%	363,372	362,518	361,665	360,812	359,958	359,105	358,252	357,398	356,545	355,692	354,838	353,985	4,844,140
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		127,828	127,828	127,828	127,828	127,828	127,828	127,828	127,828	127,828	127,828	127,828	127,828	1,521,512
	a. Depreciation	2.86%	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. Discontinuation		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	6.827888	40,228	40,228	40,228	40,228	40,228	40,228	40,228	40,228	40,228	40,228	40,228	40,228	482,738
	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)		602,295	601,127	600,989	600,763	600,525	600,468	600,291	600,173	600,066	600,000	600,000	600,000	678,654
	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		602,295	601,127	600,989	600,763	600,525	600,468	600,291	600,173	600,066	600,000	600,000	600,000	678,654

For Project: CARR Crystal River AFUDC - Flue Gas Desulfurization CRS (Project 7a)  
(In Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		2,833	0	(126,604)	(54)	0	0	0	0	0	0	0	0	(122,228)
	a. Expenditures/Additions		2,833	0	(126,604)	(54)	0	0	0	0	0	0	0	0	0
	b. Changes 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	129,850,154	129,852,987	129,852,987	129,777,982	129,727,826	129,727,826	129,727,826	129,727,826	129,727,826	129,727,826	129,727,826	129,727,826	129,727,826	129,727,826
3	Less: Accumulated Depreciation	(8,882,288)	(7,880,832)	(7,318,488)	(7,377,831)	(7,838,208)	(8,084,381)	(8,362,894)	(8,611,331)	(8,888,788)	(9,128,881)	(9,388,484)	(9,644,331)	(9,883,204)	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	120,967,866	121,972,155	122,534,501	122,399,151	121,889,618	121,643,445	121,364,932	121,116,495	120,839,038	120,598,945	120,349,342	120,089,495	119,844,622	119,844,622
6	Average Net Investment		122,820,858	122,662,842	122,341,841	122,820,838	121,762,833	121,644,136	121,346,783	120,887,488	120,729,833	120,470,888	120,212,283	119,963,888	
7	Return on Average Net Investment														3,584,212
	a. Debt Component (Line 6 x 2.85% x 1/12)	2.86%	302,422	301,788	300,988	300,218	299,574	298,938	298,303	297,667	297,031	296,395	295,759	295,124	882,634
	b. Equity Component (Grossed Up For Taxes)	6.82%	821,886	820,148	818,828	818,864	814,126	812,360	810,871	809,844	807,216	805,688	803,181	802,634	9,748,568
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		258,624	258,624	258,375	258,375	258,375	258,375	258,375	258,375	258,375	258,375	258,375	258,375	3,100,698
	a. Depreciation	2.86% (Note 1)	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. Discontinuation		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	6.827888	86,378	86,228	86,188	86,188	86,188	86,188	86,188	86,188	86,188	86,188	86,188	86,188	1,022,428
	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)		1,480,182	1,486,829	1,482,582	1,480,827	1,477,263	1,474,800	1,472,537	1,470,174	1,467,810	1,465,447	1,463,084	1,460,721	17,448,138
	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		1,480,182	1,486,829	1,482,582	1,480,827	1,477,263	1,474,800	1,472,537	1,470,174	1,467,810	1,465,447	1,463,084	1,460,721	17,448,138

Note 1 The depreciation rate for project 7a is a blended rate of the approved depreciation rates associated with the appropriate FERC accounts. PEJ submitted new property costs in 2012 and completed the utilization process for the CARR projects. As a result, the blended rate shown is based on approximately 82.5% of the investment in FERC account 312 at an approved depreciation rate of 2.50%, 7.5% of the investment in FERC account 215 at an approved depreciation rate of 1.8%.

PROJECT 542 ENERGY FLORIDA  
Environmental Cost Recovery Costs (ERC)  
Capital Program Cost Report - January 2011 through December 2012  
CAGR/CARR Crystal River AFUDC (Project 7.4 Revised)

For Project: CARR Crystal River AFUDC - CRR Sootblower & Intelligent Soot Blowing Controls (Project 7.4a)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Charge 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	860,100 (34,888)	860,100 (38,888)	860,100 (38,437)	860,100 (40,208)	860,100 (41,079)	860,100 (43,750)	860,100 (46,821)	860,100 (47,262)	860,100 (48,083)	860,100 (50,834)	860,100 (52,805)	860,100 (54,378)	860,100 (56,147)	860,100
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	0
5	Net Investment (Lines 2 + 3 + 4)	818,302	819,212	811,701	829,892	829,219	828,458	824,177	822,838	821,128	799,264	787,293	795,672	794,651	794,651
6	Average Net Investment		814,417	812,848	810,873	808,104	807,333	806,562	803,791	800,020	800,248	798,478	798,707	794,938	
7	Return on Average Net Investment														23,758
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,004	1,908	1,966	1,901	1,998	1,982	1,978	1,873	1,880	1,885	1,880	1,904	64,582
b	Equity Component (Grossed Up For Taxes)	8.82%	5,446	5,433	5,422	5,418	5,398	5,398	5,324	5,262	5,261	5,239	5,227	5,215	0
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		1,771	1,771	1,771	1,771	1,771	1,771	1,771	1,771	1,771	1,771	1,771	1,771	21,262
a	Depreciation	2.86%	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6,898
c	Discontinuation		568	568	568	568	568	568	568	568	568	568	568	568	0
d	Property Taxes	6.687888	0	0	0	0	0	0	0	0	0	0	0	0	0
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)		8,778	8,781	8,748	8,730	8,713	8,697	8,681	8,664	8,648	8,633	8,618	8,603	118,298
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		8,778	8,781	8,748	8,730	8,713	8,697	8,681	8,664	8,648	8,633	8,618	8,603	118,298

For Project: CARR Crystal River AFUDC - CRR Sootblower & Intelligent Soot Blowing Controls (Project 7.4b)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Charge 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	917,387 (33,338)	917,387 (38,250)	917,387 (37,884)	917,387 (38,072)	917,387 (40,883)	917,387 (42,884)	917,387 (44,885)	917,387 (46,716)	917,387 (48,627)	917,387 (50,538)	917,387 (52,449)	917,387 (54,380)	917,387 (56,271)	917,387
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	0
5	Net Investment (Lines 2 + 3 + 4)	884,049	887,138	889,237	878,328	878,418	874,504	872,587	870,671	868,771	868,869	864,949	863,028	861,127	861,127
6	Average Net Investment		883,103	881,182	878,281	877,370	875,458	873,548	871,637	869,726	867,816	865,904	863,993	862,082	
7	Return on Average Net Investment														25,782
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,173	2,168	2,163	2,158	2,154	2,148	2,144	2,140	2,136	2,130	2,126	2,121	70,012
b	Equity Component (Grossed Up For Taxes)	8.82%	8,808	8,882	8,878	8,886	8,883	8,941	8,828	8,815	8,802	8,788	8,777	8,764	0
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		1,911	1,911	1,911	1,911	1,911	1,911	1,911	1,911	1,911	1,911	1,911	1,911	22,932
a	Depreciation	2.86%	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Amortization		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7,224
c	Discontinuation		802	802	802	802	802	802	802	802	802	802	802	802	0
d	Property Taxes	6.687888	0	0	0	0	0	0	0	0	0	0	0	0	0
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)		10,581	10,573	10,566	10,538	10,520	10,503	10,486	10,469	10,456	10,433	10,416	10,398	125,830
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		10,581	10,573	10,566	10,538	10,520	10,503	10,486	10,469	10,456	10,433	10,416	10,398	125,830

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

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		11,867	2,714	604,009	(51)	0	0	0	200,008	0	0	800,850	0	916,515
a	Expenditures/Additions		11,867	2,714	604,009	(51)	0	0	0	200,008	0	0	800,850	0	916,515
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	108,679,861	108,691,667	108,694,401	108,708,467	108,706,394	108,706,309	108,706,309	108,706,368	108,706,386	108,706,386	108,706,386	108,706,386	108,706,386	108,706,386
3	Less: Accumulated Depreciation	(4,268,184)	(4,269,883)	(4,612,612)	(5,037,566)	(5,291,486)	(5,498,442)	(5,789,389)	(5,833,279)	(6,157,272)	(6,391,216)	(6,609,196)	(6,829,182)	(7,063,049)	(7,063,049)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	200,008	200,000	200,000	200,000	200,000	200,000	800,850
5	Net Investment (Lines 2 + 3 + 4)	104,411,677	104,421,784	104,081,789	103,708,861	103,414,908	103,207,867	102,916,920	102,873,089	102,749,114	102,515,190	102,307,190	102,106,204	101,906,337	102,548,287
6	Average Net Investment		104,287,763	103,691,287	103,028,830	102,648,874	102,424,825	102,200,862	102,077,039	102,053,086	102,779,162	102,508,309	102,581,295	102,667,322	
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	258,384	260,851	254,432	259,009	254,458	253,807	253,368	253,051	252,748	252,186	252,382	252,549	3,047,340
b	Equity Component Grossed Up For Taxes	6.82%	888,752	895,304	884,188	883,015	891,516	880,820	886,523	887,894	898,888	886,389	889,877	888,385	8,261,488
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		223,726	223,729	223,843	223,843	223,843	223,843	223,843	223,843	223,843	223,843	223,843	223,843	2,866,867
a	Depreciation	2.47% (Note 1)	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	Discontinuation		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	0.897888	71,374	71,378	71,444	71,444	71,444	71,444	71,444	71,444	71,444	71,444	71,444	71,444	857,188
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 Expense (Line 7 + 8)		1,248,234	1,248,261	1,244,864	1,243,411	1,241,363	1,238,314	1,237,296	1,236,132	1,234,889	1,232,669	1,233,648	1,234,241	14,872,905
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		1,248,234	1,248,261	1,244,864	1,243,411	1,241,363	1,238,314	1,237,296	1,236,132	1,234,889	1,232,669	1,233,648	1,234,241	14,872,905

Note 1: The depreciation rate for project 7.4 is a blended rate of the approved depreciation rates associated with the appropriate FERC accounts. PEF submitted new property units in 2012 and completed the valuation process for the CARL projects. As a result, the blended rate shown is based on approximately 88% of the investment in FERC account 312 at an approved depreciation rate of 2.50%, 2% of the investment in FERC account 319 at an approved depreciation rate of 1.5%.

For Project: CAR Crystal River AFUDC - CR4 PQD (Project 7.4b)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		2,805	0	(5)	0	0	0	0	0	0	0	0	0	3,800
a	Expenditures/Additions		2,805	0	(5)	0	0	0	0	0	0	0	0	0	3,800
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	138,574,798	138,574,800	138,574,800	138,574,568	138,574,568	138,574,568	138,574,568	138,574,568	138,574,568	138,574,568	138,574,808	138,574,568	138,574,568	138,574,568
3	Less: Accumulated Depreciation	(6,689,989)	(6,689,483)	(6,177,807)	(6,466,382)	(6,754,816)	(7,043,278)	(7,331,734)	(7,620,179)	(7,908,632)	(8,197,086)	(8,485,541)	(8,773,995)	(9,062,449)	(9,062,449)
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)	131,884,809	131,885,317	132,397,003	132,108,236	131,819,752	131,530,290	131,242,834	130,954,389	130,666,396	130,377,500	130,088,600	129,799,603	129,510,606	130,512,117
6	Average Net Investment		131,827,427	132,349,820	132,282,484	132,094,887	132,075,163	132,387,099	132,098,646	131,819,190	131,521,728	131,233,282	130,944,829	130,656,374	
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	329,257	328,562	327,843	327,133	326,423	325,714	325,004	324,294	323,584	322,875	322,165	321,456	3,904,301
b	Equity Component Grossed Up For Taxes	6.82%	894,786	892,879	890,970	889,061	887,152	885,244	883,335	881,426	879,517	877,608	875,699	873,790	8,912,382
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		288,454	288,454	288,454	288,454	288,454	288,454	288,454	288,454	288,454	288,454	288,454	288,454	3,481,450
a	Depreciation	2.40% (Note 1)	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	Discontinuation		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	0.897888	81,864	81,864	81,864	81,864	81,864	81,864	81,864	81,864	81,864	81,864	81,864	81,864	1,009,846
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 Expense (Line 7 + 8)		1,804,158	1,801,839	1,800,901	1,800,282	1,803,824	1,800,988	1,800,347	1,800,708	1,803,071	1,800,432	1,800,432	1,807,794	18,075,982
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		1,804,158	1,801,839	1,800,901	1,800,282	1,803,824	1,800,988	1,800,347	1,800,708	1,803,071	1,800,432	1,800,432	1,807,794	18,075,982

Note 1: The depreciation rate for project 7.4b is a blended rate of the approved depreciation rates associated with the appropriate FERC accounts. PEF submitted new property units in 2012 and completed the valuation process for the CARL projects. As a result, the blended rate shown is based on approximately 98.75% of the investment in FERC account 312 at an approved depreciation rate of 2.50%, 1.10% of the investment in FERC account 319 at an approved depreciation rate of 1.0% and 0.15% of the investment in FERC account 316 at an approved depreciation rate of 1.50%.

**PROGRAM INFORMATION**  
 Environmental Remediation Program (E-RCM)  
 Capital Program Detail Report - January 2012 through December 2012  
 CARRCARR Crystal River AFUDC (Project 7.4 Report)

For Project: CARR Crystal River AFUDC - Gypsum Handling (Project 7.4a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Change to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Refinements		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	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100	20,000,100
3	Less: Accumulated Depreciation	(1,074,830)	(1,116,566)	(1,162,200)	(1,208,026)	(1,248,730)	(1,283,466)	(1,337,180)	(1,380,006)	(1,424,830)	(1,468,360)	(1,512,080)	(1,566,886)	(1,600,530)	(1,600,530)
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)	18,925,270	18,883,534	18,837,900	18,792,074	18,751,370	18,716,634	18,662,920	18,620,094	18,575,070	18,531,740	18,487,020	18,442,214	18,410,570	18,410,570
6	Average Net Investment		18,891,504	18,847,778	18,804,064	18,760,328	18,716,604	18,672,878	18,629,154	18,585,428	18,541,704	18,497,978	18,454,254	18,410,528	
7	Return on Average Net Investment														580,172
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	48,030	48,832	48,724	48,617	48,508	48,401	48,294	48,186	48,078	47,971	47,864	47,756	1,278,662
	b. Equity Component (Grossed Up For Taxes)	8.85%	130,808	132,708	132,413	132,121	131,829	131,536	131,244	130,952	130,660	130,367	130,075	129,782	0
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		43,725	43,725	43,725	43,725	43,725	43,725	43,725	43,725	43,725	43,725	43,725	43,725	524,700
	a. Depreciation	2.50%													0
	b. Amortization														0
	c. Disposal/Retirement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
	d. Property Taxes	6.807500	13,782	13,782	13,782	13,782	13,782	13,782	13,782	13,782	13,782	13,782	13,782	13,782	160,364
	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)		238,644	238,644	238,644	238,245	237,846	237,444	237,045	236,646	236,245	235,846	235,448	235,048	2,948,938
	a. Recoverable Costs Allocated to Energy		238,644	238,644	238,644	238,245	237,846	237,444	237,045	236,646	236,245	235,846	235,448	235,048	2,948,938
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0

For Project: CARR Crystal River AFUDC - CRS Acid Mist Mitigation Controls (Project 7.4b)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
	a. Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Change to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Refinements		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	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705	0,408,705
3	Less: Accumulated Depreciation	(382,000)	(401,867)	(421,284)	(440,881)	(460,478)	(480,075)	(499,672)	(518,269)	(536,866)	(555,463)	(574,060)	(592,657)	(611,254)	(611,254)
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)	2,626,705	2,406,838	2,387,421	2,368,824	2,348,227	2,328,630	2,308,033	2,287,436	2,266,839	2,246,242	2,225,645	2,205,048	2,184,451	2,184,451
6	Average Net Investment		2,614,817	2,580,270	2,545,723	2,511,176	2,476,629	2,442,082	2,407,535	2,372,988	2,338,441	2,303,894	2,269,347	2,234,800	2,234,800
7	Return on Average Net Investment														262,960
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	22,178	22,131	22,083	22,036	21,988	21,940	21,892	21,844	21,796	21,748	21,700	21,652	548,533
	b. Equity Component (Grossed Up For Taxes)	8.85%	60,278	60,144	60,010	59,876	59,742	59,608	59,474	59,340	59,206	59,072	58,938	58,804	1,414,244
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		16,507	16,507	16,507	16,507	16,507	16,507	16,507	16,507	16,507	16,507	16,507	16,507	235,184
	a. Depreciation	2.50%													0
	b. Amortization														0
	c. Disposal/Retirement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0
	d. Property Taxes	6.807500	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	6,177	74,124
	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)		108,226	108,048	107,870	107,691	107,511	107,332	107,153	106,973	106,794	106,614	106,435	106,256	1,288,908
	a. Recoverable Costs Allocated to Energy		108,226	108,048	107,870	107,691	107,511	107,332	107,153	106,973	106,794	106,614	106,435	106,256	1,288,908
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0



**PROGRESS LINE/MT FLORES**  
Environmental Cost Recovery Cases (ERC)  
Capital Program Detail Report - January 2012 through December 2012  
Cost/Cash Crystal River AFUDC (Project 7.A.004)

For Project: CAIR Crystal River AFUDC - FGD Scrubbing Plant (Project 7.004)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Changes 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	7,677,316
3	Less: Accumulated Depreciation	(200,790)	(216,367)	(216,884)	(228,561)	(236,148)	(246,746)	(256,343)	(267,836)	(277,534)	(287,133)	(296,730)	(306,327)	(316,024)	(316,024)
4	CMWP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	7,476,526	7,460,949	7,460,432	7,448,755	7,441,168	7,430,570	7,420,973	7,410,480	7,400,317	7,390,183	7,380,586	7,370,989	7,361,292	7,351,292
6	Average Net Investment		7,471,757	7,462,180	7,452,563	7,442,886	7,433,269	7,423,772	7,414,175	7,404,578	7,394,981	7,385,384	7,375,787	7,366,190	7,356,593
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	18,363	18,300	18,338	18,312	18,288	18,265	18,241	18,218	18,194	18,170	18,147	18,123	18,100
b.	Equity Component (Line 6 x 8.00% x 1/12)	8.00%	49,868	49,883	49,829	49,766	49,701	49,637	49,573	49,508	49,444	49,380	49,316	49,252	49,188
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507	9,507
a.	Depreciation	1.80%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization		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
c.	Disarmament		5,041	5,041	5,041	5,041	5,041	5,041	5,041	5,041	5,041	5,041	5,041	5,041	5,041
d.	Property Taxes	8.007008	0	0	0	0	0	0	0	0	0	0	0	0	0
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)		67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979
a.	Recoverable Costs Allocated to Energy		67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979	67,979
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0

For Project: CAIR Crystal River AFUDC - Coal Pile Runoff Treatment System (Project 7.005)  
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a.	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Changes 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	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108	15,980,108
3	Less: Accumulated Depreciation	(488,038)	(488,897)	(488,956)	(508,919)	(528,882)	(548,845)	(568,808)	(588,771)	(608,734)	(628,697)	(648,660)	(668,623)	(688,586)	(688,586)
4	CMWP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	15,492,070	15,491,211	15,491,152	15,471,189	15,451,226	15,431,263	15,411,300	15,391,337	15,371,374	15,351,411	15,331,448	15,311,485	15,291,522	15,271,559
6	Average Net Investment		15,510,088	15,460,128	15,470,168	15,466,207	15,430,248	15,416,285	15,380,324	15,370,363	15,360,402	15,350,441	15,340,480	15,330,519	15,320,558
7	Return on Average Net Investment														
a.	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	38,180	38,111	38,081	38,012	37,983	37,914	37,885	37,816	37,787	37,718	37,689	37,620	37,551
b.	Equity Component (Line 6 x 8.00% x 1/12)	8.00%	103,783	103,570	103,436	103,303	103,169	103,036	102,903	102,770	102,637	102,504	102,371	102,238	102,105
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses		10,981	10,981	10,981	10,981	10,981	10,981	10,981	10,981	10,981	10,981	10,981	10,981	10,981
a.	Depreciation	1.80%	0	0	0	0	0	0	0	0	0	0	0	0	
b.	Amortization		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
c.	Disarmament		10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	10,486	
d.	Property Taxes	8.007008	0	0	0	0	0	0	0	0	0	0	0	0	
e.	Property Insurance		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	
9	Total System Recoverable Expenses (Lines 7 + 8)		112,310	112,128	111,946	111,762	111,578	111,394	111,210	111,026	110,842	110,658	110,474	110,290	
a.	Recoverable Costs Allocated to Energy		112,310	112,128	111,946	111,762	111,578	111,394	111,210	111,026	110,842	110,658	110,474	110,290	
b.	Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	

For Project: CAIR Crystal River AFUDC - Dibonic Acid Addition System (Project 7.4a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Change to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Replacements		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	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418	1,004,418
3	Less: Accumulated Depreciation	(38,112)	(38,362)	(40,872)	(42,362)	(46,232)	(47,512)	(46,782)	(52,072)	(54,282)	(56,832)	(59,812)	(61,192)	(63,472)	(63,472)
4	CWP - Non-Armed Siting	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	1,004,307	1,004,057	1,004,147	1,001,497	1,049,187	1,049,907	1,004,637	1,042,347	1,049,017	1,037,787	1,025,507	1,033,227	1,030,947	1,030,947
6	Average Net Investment		1,007,167	1,004,667	1,002,907	1,050,327	1,049,047	1,045,787	1,043,067	1,041,207	1,036,027	1,036,647	1,034,267	1,032,067	1,032,067
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	2,801	2,565	2,560	2,594	2,570	2,573	2,567	2,562	2,558	2,550	2,544	2,540	30,841
b	Equity Component Grossed Up For Taxes	8.82%	7,088	7,853	7,338	7,823	7,807	8,947	8,947	8,952	8,946	8,931	8,916	8,901	83,814
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	2.94%	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	2,280	27,360
b	Amortization														0
c	Demolition														0
d	Property Taxes	0.987900	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
e	Property Insurance		718	718	718	718	718	718	718	718	718	718	718	718	8,626
f	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		12,888	12,647	12,827	12,808	12,585	12,564	12,563	12,523	12,561	12,480	12,480	12,430	150,643
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		12,888	12,647	12,827	12,808	12,585	12,564	12,563	12,523	12,561	12,480	12,480	12,430	150,643

For Project: CAIR Crystal River AFUDC - Bottom Ash (PHW) Ash (Ammonia) (Project 7.4a)  
 (in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments														
a	Expenditures/Additions		24,903	238	2,054	246,908	1,399,209	1,084,224	2,870,375	1,504,000	1,340,000	2,306,901	1,842,970	863,040	18,124,088
b	Change to Plant		24,893	238	2,084	2,588	851,585	0	(54,000)	0	0	0	0	11,198,826	0
c	Replacements		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	117,152	142,146	142,381	144,434	147,030	1,008,618	1,008,618	1,044,618	1,044,618	1,044,618	1,044,618	1,044,618	1,044,618	18,241,238
3	Less: Accumulated Depreciation	(986)	(836)	(1,184)	(1,437)	(1,984)	(3,817)	(5,549)	(7,388)	(9,168)	(11,824)	(12,862)	(14,880)	(14,880)	(31,544)
4	CWP - Non-Armed Siting	0	0	0	0	244,400	882,024	2,228,248	2,250,822	10,754,822	12,094,822	14,490,814	18,333,584	18,333,584	0
5	Net Investment (Lines 2 + 3 + 4)	116,167	141,210	141,197	142,999	389,727	1,767,802	2,218,372	8,287,872	11,789,812	12,128,216	15,822,377	17,383,818	18,259,884	18,259,884
6	Average Net Investment		128,838	141,208	142,088	388,387	1,073,388	2,538,173	4,863,388	8,038,868	12,459,128	14,305,288	16,442,048	17,788,601	17,788,601
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	317	347	350	855	2,941	8,245	11,818	22,238	30,963	35,245	40,456	43,761	169,728
b	Equity Component Grossed Up For Taxes	8.82%	861	844	850	1,781	7,177	18,871	32,118	80,438	83,284	86,782	109,941	118,924	528,180
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	2.96%	240	240	253	257	1,823	1,823	1,828	1,828	1,828	1,828	1,828	1,828	30,660
b	Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
c	Demolition														0
d	Property Taxes	0.987900	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
e	Property Insurance		83	83	86	87	721	721	886	886	886	886	886	886	11,978
f	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		1,320	1,833	1,948	2,790	12,462	25,880	48,460	88,188	118,471	133,541	152,810	181,628	772,812
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		1,320	1,833	1,948	2,790	12,462	25,880	48,460	88,188	118,471	133,541	152,810	181,628	772,812

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-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Changes 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	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Average Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	0	0	0	0	0	0	0	0	0	0	0	0	0
b	Equity Component Grossed Up For Taxes	8.62%	0	0	0	0	0	0	0	0	0	0	0	0	0
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	2.66%	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	0.000290	0	0	0	0	0	0	0	0	0	0	0	0	0
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)		0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0

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

Line	Description	Beginning of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1	Investments		0	0	0	0	0	0	0	0	0	0	0	0	0
a	Expenditures/Additions		0	0	0	0	0	0	0	0	0	0	0	0	0
b	Changes 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	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735	361,735
3	Less: Accumulated Depreciation	(14,722)	(15,234)	(15,746)	(16,258)	(16,770)	(17,282)	(17,794)	(18,306)	(18,818)	(19,330)	(19,842)	(20,354)	(20,866)	
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)	347,014	346,502	345,990	345,478	344,966	344,454	343,942	343,430	342,918	342,406	341,894	341,382	340,870	
6	Average Net Investment		346,758	346,246	345,734	345,222	344,710	344,198	343,686	343,174	342,662	342,150	341,638	341,126	
7	Return on Average Net Investment														
a	Debt Component (Line 6 x 2.95% x 1/12)	2.95%	863	862	861	860	858	857	856	854	853	852	851	850	10,155
b	Equity Component Grossed Up For Taxes	8.62%	2,318	2,316	2,314	2,308	2,305	2,301	2,298	2,296	2,291	2,288	2,284	2,281	27,588
c	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a	Depreciation	1.70%	512	512	512	512	512	512	512	512	512	512	512	512	9,144
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	0.000290	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)		3,663	3,660	3,656	3,648	3,645	3,640	3,636	3,631	3,626	3,622	3,617	3,612	47,255
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		3,663	3,660	3,656	3,648	3,645	3,640	3,636	3,631	3,626	3,622	3,617	3,612	47,255

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

PATRICIA Q. WEST

ON BEHALF OF

PROGRESS ENERGY FLORIDA

DOCKET NO. 120007-EI

AUGUST 1, 2012

**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 Section of Progress Energy  
Florida ("Progress Energy" or "Company") as Manager of Environmental  
Services / Power Generation Florida.

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

A. I am responsible for ensuring that environmental technical and regulatory  
support is provided to the implementation of compliance strategies associated  
with the environmental requirements for power generation facilities in Florida.

DOCUMENT NUMBER DATE

05191 AUG-1 2012

FPSC-COMMISSION CLERK

1     **A.**     I am responsible for Pipeline Integrity Management (Project No. 3);  
2             Aboveground Storage Tank Secondary Containment (Project No. 4), Phase II  
3             Cooling Water Intake (Project No. 6), CAIR/CAMR Peaking (Project No. 7.2),  
4             BART Program (Project 7.5), Arsenic Groundwater Standard (Project No. 8),  
5             Underground Storage Tanks (Project 10), Modular Cooling Towers (Project No.  
6             11), Thermal Discharge Permanent Cooling Tower (Project No. 11.1),  
7             Greenhouse Gas Inventory and Reporting (Project No. 12), Mercury TMDL  
8             (Project No. 13), Hazardous Air Pollutants (HAPs) ICR Program (Project No.  
9             14), Effluent Limitation Guidelines Information Collection Request (ICR)  
10            Program (Project No. 15), NPDES Program (Project No.16) and MATS  
11            Program (Project 17).

12

13    **Q.**     **Are you sponsoring any exhibits with your testimony?**

14    **A.**     Yes. I am sponsoring the following exhibits:

- 15            • Exhibit No. \_\_ (PQW-1), which includes a letter re: Progress Energy  
16            Florida's NPDES Renewal Program and associated Administrative Order  
17            that PEF filed in this docket on February 8, 2012; and
- 18            • Exhibit No. \_\_ (PQW-2), which includes a verified Petition to Modify  
19            Scope of Existing Environmental Program that PEF filed in this docket  
20            on March 29, 2012.
- 21            • Exhibit No. \_\_ (PQW-3), which includes a letter re: Progress Energy  
22            Florida's Integrated Clean Air Compliance Plan that PEF filed in this  
23            docket on May 14, 2012.

24

1 A. O&M expenditures for the CAIR/CAMR – Peaking Program are expected to be  
2 \$47,573 or 52% higher than originally projected. This variance is mainly due to  
3 postponement of some testing at the Suwannee and Intercession City plants from  
4 2011 to 2012. In addition, actual costs for some testing and equipment rental  
5 were higher than originally anticipated.

6  
7 **Q: Please explain the variance between the Estimated/Actual project**  
8 **expenditures and the original projections for the Best Available Retrofit**  
9 **Technology (BART) Program (Project 7.5) for the period January 2012 to**  
10 **December 2012.**

11 A: O&M expenditures for the BART Program are expected to be \$27,000 or 100%  
12 higher than originally projected. This variance is due to the need to perform  
13 sulfur dioxide (SO<sub>2</sub>) emissions modeling in support of the Florida Department of  
14 Environmental Protection's (FDEP) ongoing work to amend its State  
15 Implementation Plan as directed by the Environmental Protection Agency  
16 (EPA). The need for this type of effort was referenced in the May 14, 2012  
17 update of PEF's Integrated Clean Air Compliance Plan provided as Exhibit No.  
18 \_\_ (PQW-3).

19  
20 **Q: Please explain the variance between the Estimated/Actual project**  
21 **expenditures and the original projections for the Modular Cooling Towers**  
22 **(Project 11).**

23 A: O&M expenditures for the Modular Cooling Towers are expected to be  
24 \$902,020 or 100% higher than originally projected. As stated in my April 2,

1 2012 are for reasonable storage costs for equipment associated with the  
2 permanent cooling tower.

3

4 **Q. Please explain the variance between the Estimated/Actual project**  
5 **expenditures and the original projections for the National Pollutant**  
6 **Discharge Elimination System (NPDES) Program (Project No. 16) for the**  
7 **period January 2012 to December 2012.**

8 A. O&M expenditures for the NPDES Program are expected to be \$419,554 or  
9 65% lower than originally projected. This variance is primarily due to delay in  
10 work on thermal discharge studies pending authorization to proceed from the  
11 FDEP. In addition, as explained in the February 8, 2012 program update  
12 provided as Exhibit No. \_\_\_ (PQW-1), the Administrative Order issued with the  
13 NPDES renewal permit for PEF's Suwannee Plant includes a new requirement  
14 that PEF did not anticipate when it filed its 2012 cost projections in August  
15 2011. Specifically, the Administrative Order requires PEF to perform a study of  
16 copper discharges from the Suwannee Plant and, depending upon the results,  
17 may require PEF to perform additional feasibility studies to evaluate options to  
18 comply with the copper discharge limit. As required by the Order, PEF  
19 submitted a Plan of Study to FDEP in June 2012. PEF is awaiting the agency's  
20 response to the plan and will proceed with work as outlined in the Order. The  
21 cost projections for 2012 remain at \$40,000 as stated in the February 8, 2012,  
22 NPDES program update.

23

1 100% natural gas as part of its previously approved Integrated Clean Air  
2 Compliance Program. This petition is provided as Exhibit No. \_\_ (PQW-2).

3

4 **Q. Please explain PEF's request for recovery of costs associated with the**  
5 **Anclote Project.**

6 A. As discussed in PEF's petition the EPA published new Mercury and Air Toxics  
7 Standards (MATS) for emissions of various metals and acid gases from both  
8 coal and oil-fired electric generating units (EGUs). Because the Anclote Units  
9 currently fire fuel oil above regulatory thresholds prescribed in the new rule, the  
10 units would be subject to the new MATS for oil-fired EGUs. However, PEF has  
11 determined that the most cost-effective compliance option for PEF's Anclote  
12 Units 1 and 2 is to convert the units to fire 100% natural gas. Details of the  
13 project are provided in PEF's petition and the Direct Testimony of Mr. Joel  
14 Moran.

15

16 **Q. Has the Company projected the costs it will incur associated with Anclote**  
17 **MATS compliance?**

18 A: As provided in Mr. Joel Moran's testimony the total expected cost of the  
19 Anclote MATS compliance project is \$79.3 million.

20

21 **Q. Do the new costs for which PEF seeks recovery qualify for recovery**  
22 **through the ECRC?**

23 A. Yes. Costs for which PEF seeks recovery meet the requirements for ECRC  
24 recovery previously established by the Commission. Specifically, the



1 options to comply with MATS at the Anclote Plant: install emission controls to  
2 meet the new emission limits for oil-fired units or maintain oil-firing below the  
3 heat input thresholds specified in the new rule.. As explained in PEF's March  
4 29, 2012 petition, converting the Anclote units to fire 100% natural gas is the  
5 most reasonable and cost-effective compliance option.

6  
7 **Q: Please discuss PEF's 2012 costs associated with Crystal River Units 4 and 5**  
8 **MATS compliance.**

9 A: As explained in the May 14, 2012 update attached as Exhibit No. \_\_\_ (PQW-3),  
10 when PEF submitted its 2012 projects in Docket No. 110007-EI, PEF expected  
11 to incur approximately \$300,000 in costs for emissions testing needed to assess  
12 mercury, particulate and acid gas emissions from Crystal River Units 4 and 5 in  
13 order to develop the Company's MATS compliance strategy for those units.  
14 Based on a review of the final MATS rule issued on December 21, 2011, as well  
15 as the results of initial emissions testing, PEF has determined that more detailed  
16 emissions testing and continuous monitoring is required to enable PEF to  
17 adequately assess potential mercury control strategies. Among other things,  
18 PEF plans to install mercury monitors that will enable the Company to develop a  
19 longer-term assessment of mercury emissions under a variety of operating  
20 conditions and control options. This longer-term assessment is necessary to  
21 ensure that potential control options can consistently achieve compliance on a  
22 30-day rolling average basis as required under the final MATS rule. The cost of  
23 these activities is expected to be \$1,250,930.

24

1 **Q. Please provide an update of the Cross State Air Pollution Rule (CSAPR)**  
2 **issued by the EPA on July 6, 2011.**

3 A. The CSAPR was stayed by the U.S Court of Appeals for the D.C. Circuit on  
4 December 30, 2011, leaving the Clean Air Interstate Rule (CAIR) in effect until  
5 the litigation against the CSAPR is resolved. Oral argument in that litigation  
6 was held on April 13, 2012, and a decision by the court is expected in the  
7 summer of 2012.

8

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

10 A. Yes.

## Hopping Green & Sams

Attorneys and Counselors  
Writer's Direct Dial No.  
(850) 425-2359

February 8, 2012

**BY HAND-DELIVERY**

**REDACTED**

Martha Carter Brown, Esquire  
Office of General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

Re: *In re Environmental Cost Recovery Clause*, Docket No. 120007-EI  
Progress Energy Florida's NPDES Renewal Program

Dear Martha:

On behalf of Progress Energy Florida, Inc. (PEF or "Company"), I am writing to advise the Commission and the parties of a recent development related to PEF's previously approved NPDES Renewal Program.

In Order No. PSC-11-0553-FOF-EI issued in Docket No. 110007-EI on December 7, 2011, the Commission approved ECRC recovery of PEF's costs associated with new environmental requirements included in various NPDES renewal permits issued or to be issued for various PEF facilities. At the time, a final NPDES renewal permit had not been issued for PEF's Suwannee River Power Plant. Shortly thereafter, however, on December 14, 2011, the Florida Department of Environmental Protection issued a final NPDES renewal permit and associated Administrative Order for the Suwannee Plant. The Administrative Order includes a new requirement that PEF did not anticipate when it filed its petition requesting approval of the new NPDES Renewal Program in March 2011 or when the Company filed its 2012 cost projections in August 2011. Specifically, the Administrative Order requires PEF to perform a study of copper discharges from the Suwannee Plant and, depending upon the results, may require PEF to perform additional feasibility studies to evaluate options to comply with the copper discharge limit. A copy of the Administrative Order is attached. At this time, PEF expects to incur approximately [REDACTED] on the initial copper discharge study, beginning in February, 2012. (Because the projected costs constitute confidential business information, PEF is submitting this letter along with a Request for Confidential Classification).

Because the new copper study requirement is within the scope of the previously approved NPDES Renewal Program, PEF will include the costs associated with the new copper discharge study within the Company's estimated/actual projection filings for that program. We also will keep the Commission apprised of any further developments related to the NPDES Renewal Program during the course of this year's ECRC proceedings.

DOCUMENT NUMBER DATE

00769 FEB-8 2012

Post Office Box 6526 Tallahassee, Florida 32314 119 S. Monroe Street, Suite 300 (32301) 850.222.7500 850.224.8551 fax www.hgslaw.com

FPSC-COMMISSION CLERK

Martha Carter Brown, Esq.  
February 8, 2012  
Page 2

Docket No. 120007-EI  
Progress Energy Florida, Inc.  
Letter Re: NPDES Renewal Program  
Exhibit No. \_\_ (PQW-1)  
Page 2 of 6

In the meantime, please do not hesitate to contact me should you have any questions or comments.

Very truly yours,

HOPPING GREEN & SAMS, P.A.

By:   
Gary V. Perko

Attorneys for PROGRESS ENERGY FLORIDA, INC.

Enclosure

cc: All counsel of record

Hopping Green & Sams

Attorneys and Counselors

**BEFORE THE STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

IN THE MATTER OF:

Florida Power Corp.  
Progress Energy Florida, Inc.  
4037 River Road  
Live Oak, Florida 32060

Administrative Order No. AO-026-TE.

Suwannee River Power Plant  
DEP Permit No: FL0000183

**ADMINISTRATIVE ORDER**

**I. STATUTORY AUTHORITY**

The Department of Environmental Protection (Department) issues this Administrative Order under the authority of Section 403.088(2)(f), Florida Statutes (F.S.). The Secretary of the Department has delegated this authority to the Director of the Division of Water Resources Management, who issues this order and makes the following findings of fact.

**II. FINDINGS OF FACT**

1. Florida Power Corp. Progress Energy Florida, Inc. (Permittee) is a "person" as defined under Section 403.031(5), F.S.
2. The Permittee owns and operates a steam electric power generating facility known as Suwannee River Power Plant ("Facility"). The Facility, located at 4037 River Road Live Oak, Suwannee County, Florida 32060, discharges industrial wastewater into waters of the state as defined in Section 403.031(13), F.S.
3. The Permittee has filed a timely application for renewal of NPDES Permit No. FL0000183 (Permit), under Section 403.088(2), F.S.
4. Once-through cooling water discharges to Suwannee River, which is designated a Class III freshwater pursuant to Rule 62-302.400(14), Florida Administrative Code (F.A.C.), and as an Outstanding Florida Water pursuant to Rule 62-302.700(9)(c)(71), F.A.C.
5. Previous sampling has shown that on occasion the once through cooling water concentrations for total recoverable copper exceed the Class III fresh water quality criterion in Rule 62-302.530(23), F.A.C. The Permittee does not add chemical products that contain copper to the wastewater. It is believed that the source of copper is from material used in construction of the once through cooling water system.
6. At issuance of the previous Permit, the Department considered the Facility eligible for a total recoverable copper mixing zone pursuant to Rules 62-4.244 and 62-302.300(10)(b), F.A.C. Hence, the previous Permit included a mixing zone for total recoverable copper. Compliance with the total recoverable copper water quality standard was demonstrated at the edge of the mixing zone.
7. As part of the permit renewal process, the mixing zone size was re-evaluated with a mathematical model using the most recent data available to the Department. The model results predicted that the required size needed to meet the Class III fresh water quality standard at the edge of the mixing zone within the Suwannee River exceeds the maximum size allowed under Rule 62-4.244, F.A.C. Hence, the Department is unable to approve the continuance of the total recoverable copper mixing zone.
8. The Department finds that:

- a. There is no present, reasonable, alternative means of disposing of the waste other than by discharging it into the waters of the state;
  - b. The granting of an operation permit will be in the public interest; and,
  - c. The discharge will not be unreasonably destructive to the quality of the receiving water.
9. This order and associated wastewater Permit FL0000183 constitute the Department's authorization to discharge pollutants to waters of the state under the NPDES program, and its determination that the Facility is in compliance with Section 403.028, F.S. This order includes an implementation schedule.

### III. ORDER

Based on the foregoing findings of fact,

#### IT IS ORDERED,

10. No later than 180 days after the effective date of this Order, the Permittee shall prepare and submit for the Department's review a plan of study (POS) and schedule for the identification and evaluation of potential copper sources within the Facility and collection of paired intake and discharge data sets that pairs total recoverable and dissolved copper in the Suwannee. The POS shall be designed and implemented to demonstrate that the discharge from the Facility meets the discharge limitations in Part I.A.1. of the Permit. The results of the evaluation shall be submitted in a report (Report) to the Department for review and approval no later than 60 days after the approved POS completion date.
11. If the Report fails to demonstrate that the effluent discharge from the Facility meets the total recoverable copper discharge limitation in Part I.A.1. of the Permit, the Permittee shall prepare a feasibility study (Study) for the evaluation of on-site recycling and treatment options to achieve the discharge limitation(s). The Study shall be submitted to the Department for review and approval no later than 60 days after the approved POS completion date.
12. The Permittee may petition the Department for an appropriate moderating provision or other available relief provided for under Chapters 120 or 403, F.S., and the rules promulgated thereunder. Any petition for a moderating provision shall include an evaluation of all potential on-site reuse and treatment options and the feasibility of each, and sampling of the sediment, using appropriate analytical methods, in and around the outfall for the effluent discharge designated as Outfall D-001 in the Permit. Any such petition shall be submitted no later than 60 days after receipt of Department approval of a Report and shall demonstrate the need for a less stringent discharge limitation than contained in Part I.A.1. of the Permit in accordance with Rule 62-620.620(3), F.A.C.
13. No later than 48 months after the effective date of this Order, the Permittee shall either comply with the total recoverable copper discharge limitations in Part I.A.1. of the Permit, or with an alternative discharge limitation based on the Reports and Study as approved by the Department.
14. Until compliance with the copper limitations in Part I.A.1. of the Permit is achieved as required in III.13. of this Order, the Permittee shall comply with an interim total recoverable copper limitation of 14.0 ug/L at the discharge from Outfalls D-001.
15. The Permittee shall maintain and operate its facilities in compliance with all other conditions of the Permit.
16. This order may be modified through revisions as set forth in Chapter 62-620, F.A.C.
17. Unless otherwise specified herein, reports or other information required by this order shall be sent to: Industrial Wastewater Section, ATTN: Mail Station 3545, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, with a copy sent to: Industrial Wastewater Section, Department of Environmental Protection, Northeast District, 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590.

18. This order does not operate as a permit under Section 403.088, F.S. This order shall be incorporated by reference into NPDES Permit No. FL0000183, which shall require compliance by the Permittee with the requirements of this order.
19. Failure to comply with the requirements of this order shall constitute a violation of this order and Permit No. FL0000183, and may subject the Permittee to penalties as provided in Section 403.161, F.S.
20. This order is final when filed with the clerk of the Department, and the Permittee then shall implement this order unless a petition for an administrative proceeding (hearing) is filed in accordance with the notice set forth in the following Section.
21. If any event occurs that causes delay or the reasonable likelihood of delay, in complying with the requirements of this order, the Permittee shall have the burden of demonstrating that the delay was or will be caused by circumstances beyond the reasonable control of the Permittee and could not have been or cannot be overcome by the Permittee's due diligence. Economic circumstances shall not be considered circumstances beyond the reasonable control of the Permittee, nor shall the failure of a contractor, subcontractor, materialman or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines be a cause beyond the control of the Permittee, unless the cause of the contractor's late performance was also beyond the contractor's control. Delays in final agency action on an application for a relief mechanism are eligible for consideration under this paragraph, provided that none of those delays were a result of late submission by the Permittee. Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, the Permittee shall notify the Department orally at the Department's Northeast District office, (904)-807-3371, within 24 hours or by the next working day and shall, within seven calendar days of oral notification to the Department, notify the Department in writing at Northeast District office, 7825 Baymeadows Way, Suite B-200, Jacksonville, Florida 32256-7590 of the anticipated length and cause of the delay, the measures taken or to be taken to prevent or minimize the delay and the timetable by which Facility intends to implement these measures. If the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of the Permittee, the time for performance hereunder shall be extended for a period equal to the delay resulting from such circumstances.

#### IV. NOTICE OF RIGHTS

A person whose substantial interests are affected by the Department's decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57 of the F.S. The petition must contain the information set forth below and must be filed (received by the clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000.

Petitions by the applicant or any of the parties listed below must be filed within fourteen days of receipt of this written notice. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the notice or within fourteen days of receipt of the written notice, whichever occurs first.

Under Section 120.60(1), F.S., however, any person who has asked the Department for notice of agency action may file a petition within fourteen days of receipt of such notice, regardless of the date of publication.

The petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name, address, and telephone number of each petitioner; the Department permit identification number and the county in which the subject matter or activity is located;
- (b) A statement of how and when each petitioner received notice of the Department action;

- (c) A statement of how each petitioner's substantial interests are affected by the Department action;
- (d) A statement of the material facts disputed by the petitioner, if any;
- (e) A statement of facts that the petitioner contends warrant reversal or modification of the Department action;
- (f) A statement of which rules or statutes the petitioner contends require reversal or modification of the Department action; and
- (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take.

A petition that does not dispute the material facts on which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation under Section 120.573, F.S., is not available for this proceeding.

This action is final and effective on the date filed with the Clerk of the Department unless a petition is filed in accordance with the above. Upon the timely filing of a petition this order will not be effective until further order of the Department.

Any party to the order has the right to seek judicial review of the order under Section 120.68, F.S., by the filing of a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the Clerk of the Department in the Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within 30 days from the date when the final order is filed with the Clerk of the Department.


DONE AND ORDERED on this 14<sup>th</sup> day of December 2011 in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

  
Mark E. Thompson, P.E.  
Director  
Division of Water Resource Management

CLERK STAMP

FILED AND ACKNOWLEDGED on this date, under Section 120.52(7) of the Florida Statutes, with the designated Department Clerk, receipt of which is acknowledged.

  
Clerk

12-14-2011  
Date

Copies furnished to Permit Distribution List



**BEFORE THE PUBLIC SERVICE COMMISSION**

In re: Environmental Cost Recovery Clause

DOCKET NO. 120007-EI

FILED: March 29, 2012

**PROGRESS ENERGY FLORIDA, INC.'S PETITION TO MODIFY  
SCOPE OF EXISTING ENVIRONMENTAL PROGRAM**

Progress Energy Florida, Inc. ("PEF" or "Company"), pursuant to Section 366.8255, Florida Statutes, and Florida Public Service Commission Order Nos. PSC-94-0044-FOF-EI and PSC-99-2513-FOF-EI, hereby petitions the Commission to modify the scope of its previously approved Integrated Clean Air Compliance Program to encompass additional activities such that the costs associated with such activities may be recovered through the Environmental Cost Recovery Clause ("ECRC"). In support, PEF states:

1. **Petitioner.** PEF is a public utility subject to the regulatory jurisdiction of the Commission under Chapter 366, Florida Statutes. The Company's principal offices are located at 299 First Avenue North, St. Petersburg, Florida.
2. **Service.** All notices, pleadings and other communications required to be served on the petitioner should be directed to:

Gary V. Perko  
Hopping Green & Sams, P.A.  
119 S. Monroe St., Suite 300  
P.O. Box 6526 (32314)  
Tallahassee, FL 32301  
Tel. 850.222.7500  
Fax. 850.224.8551  
[gperko@hgslaw.com](mailto:gperko@hgslaw.com)

John T. Burnett  
Dianne M. Triplett  
Progress Energy Services Co., LLC  
299 First Avenue North, PEF-151  
St. Petersburg, FL 33701  
[john.burnett@pgnmail.com](mailto:john.burnett@pgnmail.com)  
[dianne.triplett@pgnmail.com](mailto:dianne.triplett@pgnmail.com)

3. **Cost Recovery Eligibility.** As further discussed below, the U.S. Environmental Protection Agency ("EPA") recently issued new air emission standards for coal and oil-fired electric generating units ("EGUs"). As a result of the new regulations, PEF will incur costs for

DOCUMENT NUMBER DATE  
01831 MAR 29 2012  
FPSC-COMMISSION CLERK

new environmental compliance activities related to its previously approved Integrated Clean Air Compliance Program. As detailed below, the new compliance activities meet the criteria for cost recovery established by the Commission in Order No. PSC-94-0044-FOF-EI in that:

- (a) all expenditures will be prudently incurred after April 13, 1993;
- (b) the activities are legally required to comply with a governmentally imposed environmental regulation that was created, became effective, or whose effect was triggered after the company's last test year upon which rates are based; and
- (c) none of the expenditures are being recovered through some other cost recovery mechanism or through base rates.

The information provided below for each program satisfies the minimum filing requirements established in Part VI of Order No. PSC-99-2513-FOF-EI.

4. PEF's Approved Integrated Clean Air Compliance Plan. In the 2007 ECRC Docket, the Commission approved PEF's 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), the Clean Air Mercury Rule (CAMR), the Clean Air Visibility Rule (CAVR), and related regulatory requirements. See Order No. PSC-07-0922-FOF-EI, at 8 (Nov. 16, 2007). In each subsequent ECRC docket, the Commission approved PEF's annual review of the Integrated Clean Air Compliance Plan, concluding that the Plan remains the most cost-effective alternative for achieving and maintaining compliance with the applicable air quality regulatory requirements. See 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).

5. New Environmental Requirements. As the Commission is aware, in February 2008, the U.S Circuit Court of Appeals for the District of Columbia vacated the CAMR regulation and rejected EPA's delisting of coal-fired EGUs from the list of emission sources that are subject to Section 112 of the Clean Air Act. See Order No. PSC-09-0759-FOF-EI, at pp. 15, 18 (Nov. 18, 2009). As a result, in lieu of CAMR, the EPA was required to adopt new emissions standards for control of hazardous air pollutant emissions from coal-fired EGUs. Id. The 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). Following the public comment period on the proposed rule, the EPA released the final rule on December 21, 2011, with publication in the *Federal Register* following on February 16, 2012. See 77 Fed. Reg. 9304 (Feb. 26, 2012).

6. The final rule establishes new Mercury and Air Toxics Standards ("MATS") for emissions of various metals and acid gases from both coal and oil-fired EGUs, including, potentially, units at PEF's Crystal River Plant (Units 1, 2, 4, and 5), Anclote Plant (Units 1 and 2), and Suwannee Plant (Units 1, 2, and 3). The Clean Air Act generally provides a 3-year time frame to comply with MATS, although the permitting agency has the authority to add one year, and the President has the authority to add up to two additional years.

7. New Compliance Activities for Anclote Units 1 and 2. Anclote Units 1 and 2 currently have a maximum summer rating of 500MW and 510 MW, respectively. The current natural gas firing capability for each unit is limited to 40% of the total heat input. Because the balance of the heat input is from heavy fuel oil, the units would be subject to the new MATS for oil-fired EGUs. However, PEF has determined that the most cost-effective compliance option

for PEF's Anclote Units 1 and 2 is to convert the units to fire 100% natural gas and thereby remove the units from the scope of the new MATS regulation.

8. PEF considered two compliance alternatives for the Anclote units. The first option would achieve compliance with the new MATS through use of emissions controls, specifically low NOx burners and an electrostatic precipitator ("ESP"). The second option would achieve compliance through conversion of the units to operation on natural gas as the single fuel.<sup>1</sup> After estimating the capital costs and unit performance implications of the two options, PEF determined that the natural gas option has economic benefits in terms of both capital costs and fuel savings. Based on conservative cost estimates associated with the emissions controls that would be necessary to achieve oil-fired compliance, the capital cost of the gas conversion is expected to be at least \$12 million less than the capital costs for the emissions controls. PEF also estimated the fuel cost differential of the two options, primarily to ensure that implementation of the gas conversion would not cause an increase in system fuel costs. The analysis demonstrates that the net impact on system cost is positive (savings), indicating an additional benefit.

9. Preliminary studies indicate that the addition of three levels of fuel gas burners in combination with the existing natural gas burners will be required to provide full output on 100% natural gas. Thermal analysis of the boiler for operation on 100% natural gas indicates that a portion of the lower horizontal superheater will need to be removed to limit heat absorption and manage superheater tube metal temperatures. In addition, the gas supply line measurement and regulation ("M&R") facilities will require upgrades to support operation on 100% gas. Finally,

---

<sup>1</sup> A third option, discontinuation of heavy fuel oil use without conversion, was rejected because of its negative effect on fleet capacity and the resulting requirement to purchase or construct additional generation to meet reserve margin and operational requirements, including potential system reliability impacts

the finishing horizontal superheater for each unit will require metallurgy upgrades to accommodate the peak temperatures resultant from the gas conversion. While the additional burners and the replacement superheater form the majority of the boiler work required, other areas of the boiler and its control system may require configuration changes to complete the conversion based on ongoing boiler engineering analysis and condition assessment.

10. Cost Estimates. PEF expects to incur approximately \$79 million in total capital costs to convert the Anclote units to fire 100% natural gas. PEF expects to incur approximately \$26 million in 2012 and the remainder (approximately \$53 million) in 2013. PEF currently anticipates that both converted units will be placed in service by the end of 2013.

11. Prudence of Expenditures. As discussed above, in order to ensure that the costs incurred to comply with the new regulation are prudent and reasonable, PEF performed a comparative analysis and determined that the natural gas conversion project is the most cost-effective compliance option for Anclote Units 1 and 2. To ensure that actual expenditures are reasonable, PEF will competitively bid procurement of major boiler equipment to boiler original equipment manufacturers (OEMs).

12. No Base Rates Recovery of Program Costs. None of the costs for which PEF seeks recovery by this Petition were included in the MFRs that PEF filed in its last ratemaking proceeding in Docket No. 090079-EL. Therefore, the costs are not recovered in PEF's base rates.

13. No Change in Current ECRC Factors. PEF does not seek to change the ECRC factors currently in effect for 2012. The Company proposes to include in its estimated true-up filing for 2012 all program costs incurred subsequent to the filing of this petition through the end of 2012. PEF expects that all of these costs will be subject to audit by the Commission and that

the appropriate allocation of program costs to rate classes will be addressed in connection with subsequent filings.

14. No Material Facts in Dispute. PEF is not aware of any dispute regarding any of the material facts contained in this petition. The information provided in this petition demonstrates that the programs for which approval is requested meets the requirements of Section 366.8255 and applicable Commission orders for recovery through the ECRC.


WHEREFORE, PEF requests that the Commission modify the scope of PEF's previously approved Integrated Clean Air Compliance Program to encompass additional activities associated with the Anclote MATS compliance project described above, such that the costs associated with such activities reasonably may be recovered through the ECRC.

RESPECTFULLY SUBMITTED this 29<sup>th</sup> day of March, 2012.

John T. Burnett  
Associate General Counsel  
Dianne M. Triplett  
Associate General Counsel  
PROGRESS ENERGY SERVICE  
COMPANY, LLC  
Post Office Box 14042  
St. Petersburg, FL 33733-4042  
PEF-151

HOPPING GREEN & SAMS, P.A.

By:

  
Gary V. Perko  
119 S. Monroe St., Ste. 300 (32301)  
P.O. Box 6526  
Tallahassee, FL 32314  
gperko@hgslaw.com  
Tel.: (850) 425-2359  
Fax: (850) 224-8551

Attorneys for PROGRESS ENERGY FLORIDA, INC.

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished to all counsel of record and interested parties as listed below via regular U.S. mail this 29th day of March, 2012.

Martha Carter Brown, Esquire  
Office of General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

J. Jeffrey Wahlen, Esquire  
James D. Beasley, Esquire  
Ausley Law Firm  
Post Office Box 391  
Tallahassee, Florida 32302

J.R. Kelly, Esquire  
Patricia Christensen, Esquire  
Charles J. Rehwinkel, Esquire  
Office of Public Counsel  
c/o The Florida Legislature  
111 West Madison Street, Room 812  
Tallahassee, Florida 32399

Jeffrey A. Stone, Esquire  
Russell A. Badders, Esquire  
Beggs & Lane Law Firm  
Post Office Box 12950  
Pensacola, Florida 32591-2950

Karen S. White, Staff Attorney  
c/o AFLSA/JACL-ULT  
139 Barnes Drive, Suite 1  
Tyndall AFB, Florida 32403-5319

Keef Law Firm  
Vicki Gordon Kaufman/John C. Moyle, Jr.  
118 North Gadsden Street  
Tallahassee, Florida 32301

John T. Butler, Esquire  
Florida Power & Light Co.  
700 Universe Boulevard  
Juno Beach, Florida 33408-0420


Florida Power & Light Co.  
215 S. Monroe Street, Suite 810  
Tallahassee, Florida 32301

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

Susan Ritenour, Esquire  
Gulf Power Company  
One Energy Place  
Pensacola, Florida 32520-0780

Paula K. Brown, Esquire  
Regulatory Affairs  
Tampa Electric Company  
Post Office Box 111  
Tampa, Florida 33601-0111

R. Alexander Glenn, Esquire  
John T. Burnett, Esquire  
Dianne M. Triplett, Esquire  
Progress Energy Service Company, LLC  
Post Office Box 14042  
St. Petersburg, Florida 33733

  
\_\_\_\_\_  
Attorney

# Hopping Green & Sams

Attorneys and Counselors

Writer's Direct Dial No.  
(850) 425-2359

May 14, 2012

Charles W. Murphy, Esquire  
Office of General Counsel  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

Re: *In re Environmental Cost Recovery Clause*, Docket No. 120007-EI  
Progress Energy Florida's Integrated Clean Air Compliance Plan

Dear Mr. Murphy:

On behalf of Progress Energy Florida, Inc. (PEF or "Company"), I am writing to update the Commission and the parties regarding PEF's ongoing integrated clean air compliance planning activities. As discussed below, PEF expects to incur additional costs, beyond those previously anticipated, for emissions monitoring and modeling activities associated with PEF's Integrated Clean Air Compliance Plan.

In Order No. PSC-11-0553-FOF-EI issued in Docket No. 110007-EI on December 7 2011, the Commission approved ECRC recovery of PEF's costs associated with emissions testing and related analyses necessary to develop PEF's strategy for achieving compliance with new hazardous air pollutant standards (now known as "MATS") at Crystal River Units 4 and 5. At that time, PEF expected to incur approximately \$300,000 in costs for emissions testing needed to assess mercury, particulate and acid gas emissions from the Crystal River units. Based on a review of the final MATS rule issued on December 21, 2011, as well as the results of initial emissions testing, PEF has determined that more detailed emissions testing and continuous monitoring is required to enable PEF to adequately assess potential mercury control strategies. Among other things, PEF plans to install mercury monitors that will enable the Company to develop a longer-term assessment of mercury emissions under a variety of operating conditions and control options. This longer-term assessment is necessary to ensure that potential control options can consistently achieve compliance on a 30-day rolling average basis as required under the final MATS rule.

In addition, as noted in PEF's annual review of its Integrated Clean Air Compliance Plan (filed as Exhibit PQW-1 on April 2, 2012), Best Available Retrofit Technology ("BART") requirements for sulfur dioxide ("SO<sub>2</sub>") could become an issue for PEF units depending upon the results of ongoing litigation over EPA's Cross-State Air Pollution Rule ("CSAPR"). EPA is now requiring Florida to amend its State Implementation Plan to facilitate implementation of BART requirements once the CSAPR litigation is resolved.

RECEIVED NUMBER DATE

03059 MAY 14 2012

Post Office Box 6526 Tallahassee, Florida 32314 119 S. Monroe Street, Suite 300 (32301) 850.222.7500 850.224.8551 fax www.hgsiaw.com

FPSC-COMMISSION CLERK



Charles W. Murphy, Esq.  
May 14, 2012  
Page 2

Docket No. 120007-EI  
Progress Energy Florida, Inc.  
Letter Re: Integrated Clean Air  
Compliance Plan  
Exhibit No. \_\_ (PQW-3)  
Page 2 of 3

As a result, PEF will be working with the Florida Department of Environmental Protection to perform air quality modeling necessary to determine whether emissions from PEF units impact visibility conditions so as to trigger BART requirements for SO<sub>2</sub>.

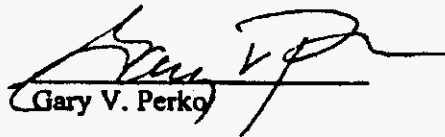
Because the additional emissions monitoring and modeling activities discussed above are within the scope of PEF's previously approved Integrated Clean Air Compliance Plan, PEF will include the costs associated with these activities within the Company's estimated/actual projection filings for that program. We also will keep the Commission apprised of any further developments related to the Integrated Clean Air Compliance Plan during the course of this year's ECRC proceedings.

In the meantime, please do not hesitate to contact me should you have any questions or comments.

Very truly yours,

HOPPING GREEN & SAMS, P.A.

By:

  
Gary V. Perko

Attorneys for PROGRESS ENERGY FLORIDA, INC.

Enclosure

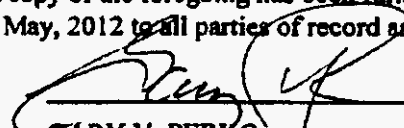
cc: All counsel of record

Hopping Green & Sams

Attorneys and Counselors

**CERTIFICATE OF SERVICE**

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic (\*) or regular U.S. Mail this 17 day of May, 2012 to all parties of record as indicated below.

  
GARY V. PERKO

<p>Charles Murphy, Esq. (*) Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 <a href="mailto:cmurphy@psc.state.fl.us">cmurphy@psc.state.fl.us</a></p> <p>James D. Beasley, Esq. Jeffrey Wahlen, Esq. Ausley &amp; McMullen Law Firm P.O. Box 391 Tallahassee, FL 32302 <a href="mailto:jbeasley@ausley.com">jbeasley@ausley.com</a></p> <p>John T. Butler, Esq. Florida Power &amp; Light Co. 700 Universe Boulevard Juno Beach, FL 33408 <a href="mailto:John.butler@fpl.com">John.butler@fpl.com</a></p> <p>Ken Hoffman Florida Power &amp; Light 215 S. Monroe Street, Ste. 810 Tallahassee, FL 32301-1859 <a href="mailto:Wade.litchfield@fpl.com">Wade.litchfield@fpl.com</a></p> <p>Jeffrey A. Stone, Esq. Russell A. Badders, Esq. Steven R. Griffin Beggs &amp; Lane Law Firm P.O. Box 12950 Pensacola, FL 32591 <a href="mailto:jas@beggslane.com">jas@beggslane.com</a> <a href="mailto:rab@beggslane.com">rab@beggslane.com</a>; <a href="mailto:srg@beggslane.com">srg@beggslane.com</a></p> <p>Ms. Paula K. Brown Tampa Electric Company P.O. Box 111 Tampa, FL 33601 <a href="mailto:regdept@tecoenergy.com">regdept@tecoenergy.com</a></p> <p>Capt Samuel Miller c/o AFLSA/JACL-ULT 139 Barnes Drive, Suite 1 Tyndall AFB, FL 32403-5319 <a href="mailto:samuel.miller@tyndall.af.mil">samuel.miller@tyndall.af.mil</a></p>	<p>J.R.Kelly/Charles Rehwinkel Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, #812 Tallahassee, FL 32399 <a href="mailto:Kelly.jr@leg.state.fl.us">Kelly.jr@leg.state.fl.us</a> <a href="mailto:Rehwinkel.charles@leg.state.fl.us">Rehwinkel.charles@leg.state.fl.us</a></p> <p>Mr. James W. Brew, Esq. c/o Brickfield Law Firm 1025 Thomas Jefferson St., NW 8<sup>th</sup> Floor, West Tower Washington, DC 20007 <a href="mailto:jbrew@bbrslaw.com">jbrew@bbrslaw.com</a></p> <p>Keefe Law Firm Vicki Gordon Kaufman/Jon C. Moyle, Jr. 118 North Gadsden Street Tallahassee, FL 32301 <a href="mailto:vkaufman@kagmlaw.com">vkaufman@kagmlaw.com</a> <a href="mailto:jmoyle@kagmlaw.com">jmoyle@kagmlaw.com</a></p> <p>Ms. Susan D. Ritenour Gulf Power Company One Energy Place Pensacola, FL 32520-0780 <a href="mailto:sdriteno@southernco.com">sdriteno@southernco.com</a></p> <p>White Springs Agricultural Chemicals P.O. Box 300 White Springs, FL 32096 <a href="mailto:Rmiller@wepphosphate.com">Rmiller@wepphosphate.com</a></p> <p>R. Alexander Glenn/John Burnett/Dianne Triplett P.O. Box 14042 St. Petersburg, FL 33733 <a href="mailto:John.burnett@pgnmail.com">John.burnett@pgnmail.com</a> <a href="mailto:Dianne.triplett@pgnmail.com">Dianne.triplett@pgnmail.com</a></p> <p>Paul Lewis, Jr. 106 E. College Ave., Ste. 800 Tallahassee, FL 32301 <a href="mailto:Paul.lewisjr@pgnmail.com">Paul.lewisjr@pgnmail.com</a></p>
---	---

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23  
24

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

JEFF SWARTZ

ON BEHALF OF

PROGRESS ENERGY FLORIDA

DOCKET NO. 120007-EI

AUGUST 1, 2012

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

A. My name is Jeff Swartz. 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 Progress Energy Florida in the capacity of Vice President Power Generation – Florida.

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

A. As Vice President of PEF's Power Generation organization, my responsibilities include overall leadership and strategic direction of PEF's power generation fleet. My major duties and responsibilities include developing and implementing strategic and tactical plans to operate and maintain PEF's non-nuclear generation fleet; recommending projects and additions to the generation fleet; major maintenance programs; outage and project management; recommending retirement of generation facilities; asset allocation; workforce

1           planning and staffing; organizational alignment and design; continuous business  
2           improvements; retention and inclusion; succession planning; overseeing  
3           hundreds of employees and hundreds of millions of dollars in assets and capital  
4           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 in 1985. I have 11 years of power plant and  
9           production experience in various managerial and executive positions within  
10          Progress Energy managing Fossil Steam Operations, Combustion Turbine (CT)  
11          Operations and Nuclear plant operations. While at Progress 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.    What is the purpose of your testimony?**

19    A.    The purpose of my testimony is to explain material variances for the  
20          estimated/actual operation and maintenance (O&M) expenditures and  
21          projections for environmental compliance costs associated with PEF's Integrated  
22          Clean Air Compliance Program for the period January 2012 through December  
23          2012.

24

1 **Q. What current PSC-approved projects are you responsible for?**

2 A. I am responsible for the CAIR Crystal River Project No. 7.4 O&M and capital  
3 costs.

4

5 **Q. How do the estimated/actual project expenditures for the CAIR Crystal  
6 River (Project No. 7.4) compare with PEF's projection project expenditures  
7 for the period January 2012 to December 2012?**

8 A. PEF is projecting O&M expenditures to be approximately \$7.7 million or 24%  
9 lower for this program than originally projected. This variance is primarily being  
10 driven by a \$9.3 million decrease in CAIR Crystal River Project 7.4 – Energy  
11 and a \$1.6 million increase in CAIR Crystal River Project 7.4 – Base.

12

13 **Q. Please explain the reasons for the variance between the Estimated/Actual  
14 project expenditures and the original projections for the CAIR Crystal  
15 River (Project No. 7.4 – Energy) for the period January 2012 to December  
16 2012.**

17 A. The \$9.3 million decrease in the project is primarily due to a \$7.2 million  
18 decrease in Gypsum Disposal/Sales expense due to lower expenses than  
19 originally projected for gypsum removal as well as increased customer sales.  
20 Ammonia and limestone costs are approximately \$0.9 and \$1.9 million lower  
21 than originally projected due to lower than budgeted usage as a result of  
22 transitioning the Acid Mist Mitigation (AMM) system to hydrated lime.  
23 Additionally, PEF expects a \$0.7 million increase in bottom/fly ash reagent  
24 expenses due to use of hydrated lime.

1 **Q. Please explain the reasons for the variance between the Estimated/Actual**  
2 **project expenditures and the original projections for the CAIR Crystal**  
3 **River (Project No. 7.4 – Base) for the period January 2012 to December**  
4 **2012.**

5 A. The \$1.6 million increase in the project is primarily attributable to costs  
6 incurred to handle the fly ash from units 4 and 5. This fly ash has elevated  
7 levels of ammonia (NH<sub>3</sub>) present and is requiring more precautionary measures  
8 to monitor and treat the ash before handling. Transitioning the AMM system to  
9 hydrated lime is mitigating this expense and should eliminate it in the long term.

10

11 **Q. How do the estimated/actual project expenditures for the Crystal River CAIR**  
12 **Project compare with PEF's projection project expenditures for the period**  
13 **January 2012 to December 2012?**

14 A. The estimated/actual total capital expenditures for the Crystal River CAIR Projects  
15 in 2012 are \$22.5 million, which is approximately \$5.4 million or 19% lower than  
16 PEF's 2012 Projection filing. The difference is primarily attributable to lower than  
17 projected costs for the Crystal River Unit 4 (CR4) catalyst, FGD alternative water  
18 Project, FGD blowdown treatment, and FGD lower chloride setpoint operation.  
19 The projection for the CR4 catalyst has been revised to reflect a deferral of some  
20 of the projected spends into 2013. The original projection assumed that the entire  
21 project would be completed in 2012; however, payment schedules moved some  
22 cost into 2013. The FGD alternative water project has been broken down into  
23 discrete projects with smaller scopes of work. Several of these projects are still  
24 under evaluation and undergoing engineering designs; therefore, the spending will

1 be significantly less in 2012. Once the studies and engineering designs are  
2 complete, the implementation of the projects will resume. The FGD blowdown  
3 treatment project is also still in the planning and engineering phase. The majority  
4 of the expenditures associated with the project will take place in 2013 and/or 2014,  
5 once a final solution for compliance is determined and approved. The FGD lower  
6 chloride setpoint operation project cannot be evaluated until the outage in the late  
7 fall. Therefore, only the engineering inspections can be performed this year.

8

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

10 **A. Yes.**

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

JOEL MORAN

ON BEHALF OF

PROGRESS ENERGY FLORIDA

DOCKET NO. 120007-EI

AUGUST 1, 2012

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

A. My name is Joel Moran. My business address is P.O. Box 1551, Raleigh, NC 27602.

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

A. I am employed by Progress Energy Carolina (PEC) as Manager of Project Engineering in the Energy Supply division under the New Generation Projects and Programs (NGPP) group.

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

A. My responsibilities include major project planning and execution. My primary duties involve the management of engineering activities to ensure project scoping is accurate and complete, provide input to estimate development, assist in the development of project execution and contracting strategies, and provide input to the overall project schedules. These duties are relevant to projects that



1 emerge from system planning and environmental planning activities where  
2 specific projects are identified as viable projects that will move forward into  
3 funding, contracting, design, construction, and startup phases. Our group  
4 generally accommodates projects in excess of \$50 million dollars in value. The  
5 NGPP section also will lead and execute programs as needed.

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

8 A. I earned a BS in Mechanical Engineering from North Carolina State University  
9 in 1983 and a MS in Mechanical Engineering from Georgia Institute of  
10 Technology in 1988. I have been registered in the state of North Carolina as a  
11 Professional Engineer since 1989 and am also registered in the state of South  
12 Carolina. In addition, I am a certified Project Management Professional. Prior  
13 to employment with Progress Energy, I worked for major national  
14 architectural/engineering (A/E) firms on firm price power generation projects  
15 both domestic and internationally. These projects included both new generation  
16 and environmental retrofit projects. Project work with Progress Energy includes  
17 engineering management oversight for environmental retrofit projects and new  
18 generation projects.

19  
20 **Q. What is the purpose of your testimony?**

21 A. The purpose of my testimony is to provide background and explanation for the  
22 cost and scope of the Anclote Gas Conversion Project (Project 17.1).

23

1 **Q. What has been your role in the Anclote Gas Conversion Project?**

2 A. I served as the initial Project Manager for the Anclote Gas Conversion Project  
3 since its inception, although we are in the process of transitioning to a new  
4 Project Manager. As the initial project manager, I was responsible for reviewing  
5 the initial engineering studies, schedules, and estimates to ensure the project is  
6 accurately defined and an adequate timeline for the execution of the project had  
7 been allocated. In addition, I worked with others in the organization to secure  
8 project approval and funding, lead internal contract planning and strategy  
9 efforts, and worked with supply chain to contract the boiler modification work  
10 and the balance of plant engineering services. I continue to have direct  
11 involvement in the project as it is transitioned to another Project Manager. As a  
12 result, I have personal knowledge of the current status of the project and  
13 associated engineering activities.

14  
15 **Q Please describe the management structure being used to oversee  
16 implementation of the Anclote Project.**

17 A. Our management structure for execution of major projects relies on a matrix  
18 organizational structure. The Project Manager directs a team that consists of a  
19 Project Engineer (or Engineering Manager), a team of engineering discipline  
20 leads (e.g., mechanical, electrical, civil/structural, etc.), a Quality Manager, and  
21 various supply chain specialists and other personnel who report to functional  
22 managers.

23

1 The Engineering Manager provides direction to the engineering discipline leads  
2 with regard to the technical oversight of the engineering effort for the project.

3 The Engineering Manager addresses technical concerns related to the scope of  
4 the project, oversees the general engineering progress for the job, and keeps the  
5 Project Manager apprised of technical issues that affect cost, schedule, or  
6 quality.

7

8 The engineering discipline leads are responsible for the technical evaluation of  
9 the design of the project. They assure technical compliance with the contracts  
10 and provide technical guidance to the team where areas of the technical  
11 specifications are not clear or have been omitted.

12

13 The Quality Manager provides input and oversight of the engineering,  
14 equipment supplier, and the construction contractor's QA/QC practices and  
15 procedures. The QA Manager provides input to the Test & Inspection plans  
16 related to the project that protect the interests of the Company and end user  
17 ensuring the quality is consistent with company standards and good engineering  
18 practice. The QA Manager ensures technical requirements of relevant codes and  
19 project technical specifications are maintained.

20

21 The supply chain specialists assist the Project Manager and project team in the  
22 competitive bidding of the equipment and services required of the project. They  
23 provide commercial input to contracts with the interest of protecting the

1 Company from adverse terms and conditions that would otherwise introduce  
2 business risk in excess of the Company's normal practice.

3

4 **Q. What are the estimated costs associated with the Anclote Gas Conversion**  
5 **Project?**

6 A. The Company currently estimates total project costs of approximately \$79.3  
7 million. This estimate could change depending on the results of an ongoing  
8 engineering evaluation that the Company is conducting to determine whether  
9 and the extent to which the project will necessitate changes to the Anclote units'  
10 forced draft (FD) fan systems.

11

12 **Q. How much of the total project costs does the Company expect to incur in**  
13 **2012?**

14 A. We currently expect to incur approximately \$22 million of costs for the project  
15 in 2012. Such costs will be incurred for: permitting activities; balance-of-plant  
16 (BOP) detailed engineering services; BOP engineered equipment procurement;  
17 boiler controls engineering; procurement of boiler equipment, materials, and  
18 components needed to convert Unit 1 and associated engineering; securing a  
19 contractor for the installation services required to complete the construction for  
20 both units in 2013; and detailed engineering and procurement of components  
21 needed to modify and upgrade the natural gas metering and regulating station.

22

1 **Q. What steps is the Company taking to ensure that the level of expenditures**  
2 **for the Ancote Gas Conversion Project is reasonable and prudent?**

3 A. PEF developed a phased contracting and procurement strategy to mitigate  
4 project risks and to ensure that project expenditures are reasonable and prudent.  
5 Following completion of initial study evaluations, PEF issued a competitive  
6 solicitation to major boiler original equipment manufacturers (OEMs) for boiler  
7 modification engineering (“Phase 1”) and boiler pressure part supply (“Phase  
8 2”). The boiler modification engineering (Phase 1) includes thermal design,  
9 emissions estimates, performance predictions, vibration analysis, furnace draft  
10 evaluation, control evaluation, and budgetary equipment and engineering  
11 pricing. The boiler pressure part supply (Phase 2) includes procurement of  
12 boiler tubes, headers, valves, burners, burner management system logic, and  
13 other related equipment and materials.

14  
15 Phase 1 and Phase 2 were bid at the same time, but PEF awarded the Phase 1  
16 contract first to allow the Phase 2 scope to be refined through the Phase 1  
17 engineering. In order to ensure competitive equipment pricing, the Phase 1  
18 contract included a pricing commitment from the OEM supplier on Phase 2  
19 scope based on a defined scope included in the initial request for proposals that  
20 would serve as a basis for the cost evaluation of the final engineering solution.  
21 Due to scope synergies and scope interface between engineering and boiler  
22 pressure part supply, PEF ultimately awarded the Phase 2 contract to the same  
23 OEM that performed the engineering evaluation for Phase 1. After completion

1 of the Phase 1 engineering work, PEF competitively bid and awarded the  
2 balance of plant (BOP) engineering. The installation/demolition work will be  
3 competitively bid in the Fall of 2012 once the detailed engineering is sufficiently  
4 complete. PEF decided to bid the boiler pressure parts supply (Phase 2)  
5 separately from the installation/demolition scope to maintain the integrity of  
6 multiple OEM bidders for pressure parts (i.e., not to disqualify those without  
7 install/demo capabilities) and to allow time for the installation/demolition scope  
8 to be better defined.

9

10 **Q. How long will the Anclote Gas Conversion Project take to complete and**  
11 **when is its targeted in-service date?**

12 A. Delivery of OEM pressure parts for Unit 1 will be completed by mid-February  
13 of 2013. The Unit 1 outage to install these components will be completed  
14 second quarter 2012 at which time the Unit 1 conversion will be put in service.  
15 The delivery of the Unit 2 boiler components will be completed by mid-August  
16 2013. The Unit 2 conversion outage will be complete and the unit returned to  
17 service by fourth quarter 2013.

18

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

20 A. Yes.

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13  
14  
15  
16  
17  
18  
19  
20  
21  
22  
23

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

COREY ZEIGLER

ON BEHALF OF

PROGRESS ENERGY FLORIDA

DOCKET NO. 120007-EI

AUGUST 1, 2012

**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 Progress Energy Florida (PEF) as Manager, Environmental Permitting & Compliance.

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

A. My responsibilities include managing environmental permitting and compliance activities for Energy Delivery Florida. Energy Delivery Florida is part of the Florida Distribution business unit of which I support the Distribution and Transmission Operation and Planning Departments.

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

2 A. I received a Bachelors of Science degree in General Business Administration  
3 & Management from the University of South Florida. Prior to my current  
4 position with PEF, I was the Health and Safety Manager for PEF's Delivery and  
5 Transmission Operations and Planning Departments. I have 20 years experience  
6 in the utility industry, holding various operational, supervisor and managerial  
7 roles at Progress Energy.

8

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

10 A. The purpose of my testimony is to explain material variances between 2012  
11 Estimated/Actual project expenditures versus original 2012 cost projections for  
12 environmental compliance costs associated with the FPSC-approved  
13 environmental programs under my responsibility. These programs include  
14 PEF's Substation Environmental Investigation, Remediation, and Pollution  
15 Prevention Program (Projects 1 & 1a), Distribution System Environmental  
16 Investigation, Remediation and Pollution Prevention Program (Project 2) and  
17 Sea Turtle – Coastal Street Lighting (Project 9).

18

19 **Q. Please explain the variance between the Estimated/Actual project**  
20 **expenditures and the original projections for the Substation Environmental**  
21 **Investigation, Remediation, and Pollution Preventions Program (Project 1**  
22 **& 1a) for the period January 2012 to December 2012.**



1 A. O&M project expenditures for the Substation System Program are estimated to  
2 be \$1,161,514 or 28% higher than originally projected. This increase is  
3 primarily attributable to several sites that had significantly higher amounts of  
4 subsurface contamination encountered during remediation that was not evident  
5 during the original visual environmental inspections. Because most  
6 contamination is below ground, it is difficult to determine remediation costs at  
7 substation sites until the remediation process actually begins. Although visible  
8 inspections provide some indication of the potential amount of contamination,  
9 the areal extent and depth of subsurface contamination can only be determined  
10 when the site is excavated. Furthermore, the amount of soil that needs to be  
11 removed to achieve Florida Department of Environmental Protection (FDEP)  
12 clean-up target levels depends upon the results of tests conducted in the field as  
13 the remediation is conducted. As work proceeds, PEF updates cost estimates  
14 based upon actual invoices received from contractors.

15

16 **Q. Please explain the variance between the Estimated/Actual project**  
17 **expenditures and the original projections for the Distribution System**  
18 **Environmental Investigation, Remediation, and Pollution Prevention**  
19 **Program (Project 2) for the period January 2012 to December 2012.**

20 A. O&M project expenditures for the Distribution System Program are estimated to  
21 be \$190,394 or 58% higher than originally projected. This increase is primarily  
22 attributable to 5 transformer sites planned for abatement work in 2011 but  
23 postponed until 2012 due to customer requests, and delayed submittal of

1 invoices to PEF by vendors in 2012 for payment of abatement work completed  
2 in 2011.

3

4 **Q: Please explain the variance between Estimated/Actual project expenditures**  
5 **and the original projections for the Sea Turtle – Coastal Street Lighting**  
6 **Program (Project No. 9) for the period January 2012 to December 2012.A:**

7 A: O&M project expenditures for the Sea Turtle – Coastal Street Lighting Program  
8 are estimated to be \$2,496 or 50% lower than originally projected. This  
9 variance is due to installing amber shields on a smaller quantity of street lights  
10 to prevent turtle disorientation than initially anticipated. PEF is notified by  
11 municipalities or the public when a turtle nesting site is close to a streetlight that  
12 currently does not have a shield in place. As a result of previously performed  
13 retrofitting, PEF is receiving fewer new requests for amber shield installations.

14

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

16 A. Yes.