Hopping Green *⊗* Sams

Attorneys and Counselors

August 1, 2012

RY HAND-DELIVERY

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

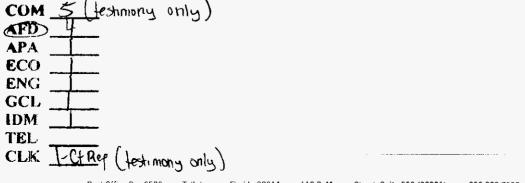
> Re: Docket No. 120007-EI

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.



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.

Gary V. Perko

Attorneys for Progress Energy Florida, Inc.

cc: Certificate of Service

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 1st day of August, 201/2 to all parties of record as

indicated below.

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ORIGINAL

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

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 ____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.

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Attorneys for Progress Energy Florida, Inc.

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DIRECT TESTIMONY OF
3		THOMAS G. FOSTER
4		ON BEHALF OF
5		PROGRESS ENERGY FLORIDA
6		DOCKET NO. 120007-EI
7		AUGUST 1, 2012
8		
9	Q.	Please state your name and business address.
10	A.	My name is Thomas G. Foster. My business address is 299 First Avenue North
11		St. Petersburg, FL 33701.
12		
13	Q.	By whom are you employed and in what capacity?
14	A.	I am employed by Progress Energy Service Company, LLC as Supervisor of
15		Regulatory Planning Florida.
16		
17	Q.	What are your responsibilities in that position?
18	A.	I am responsible for regulatory planning and cost recovery for Progress
19		Energy Florida, Inc. (PEF). These responsibilities include: regulatory
20		financial reports; and analysis of state, federal and local regulations and
21		their impact on PEF. In this capacity, I am also responsible for PEF's
22		Estimated/Actual and Projection filings in the Environmental Cost
23		Recovery Clause (ECRC).
24		

Q.	Please describe your	educational	background a	ınd professional	experience

I joined Progress Energy on October 31, 2005 as a Senior Financial analyst in the Regulatory group. In that capacity I supported the preparation of testimony and exhibits associated with various Dockets. In late 2008, I was promoted to Supervisor Regulatory Planning. Prior to working at Progress I was the Supervisor in the Fixed Asset group at Eckerd Drug. In this role I was responsible for ensuring proper accounting for all fixed assets as well as various other accounting responsibilities. I have six years of experience related to the operation and maintenance of power plants obtained while serving in the United States Navy as a Nuclear operator. I received a Bachelors of Science degree in Nuclear Engineering Technology from Thomas Edison State College. I received a Masters of Business Administration with a focus on finance from the University of South Florida and I am a Certified Public Accountant in the State of Florida.

t

A.

- 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.

- Q. Have you prepared or caused to be prepared under your direction,
 supervision or control any exhibits in this proceeding?
- 24 A. Yes. I am sponsoring the following exhibits:

t		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

ı		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	<u>0&1</u>	A 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.

2. Distribution System Environmental Investigation, Remediation, and 1 Pollution Prevention (Project 2) - O&M 2 PEF is projecting O&M expenditures to be approximately \$0.2 million or 3 58% higher for this program than originally projected. This variance is discussed in the testimony of Mr. Corey Zeigler. 5 3. Emissions Allowances (Project 5) - O&M 7 8 Sulfur dioxide (SO2) and nitrogen oxide (NOx) emission allowance expenses are estimated to be approximately \$3.1 million or 42% lower than originally projected. This variance is primarily driven by the fact that 10 CSAPR was stayed in December of 2011. As PEF advised in a letter to the 11 Commission dated January 9, 2012, due to Cross State Air Pollution Rule 12 (CSAPR) being stayed, the NOx inventory was not written off in 2011 and 13 the 3 year amortization the Commission approved last year was not 14 necessary as the allowances still have value. Consistent with Order No. 15 16 PSC-11-0553-FOF-EI PEF, has continued to comply with CAIR by continuing to expense NOx allowances based on actual usage in 2012 and 17 this has resulted in a decrease in expense as compared to the projected 18 19 expense based on a 3 year amortization of the remaining balance.

20

21

22

23

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

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

I	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

2	Q.	How do the Estimated/Actual Capital recoverable investments for January
3		2012 through December 2012 compare with PEF's original projections?
4	A.	Total recoverable capital investments itemized on Form 42-6E, are projected to
5		be approximately \$3.4 million or 2% lower than originally projected. Below are
6		variance explanations for those approved Capital Investment Projects with
7		significant variances. Individual project variances are provided on Form 42-6E.
8		Return on Capital Investment, Depreciation and Taxes for each project for the
9		Estimated/Actual period are provided on Form 42-8E, pages 1 through 18.
10		
11	Capi	tal Investment Project Variances – Recoverable Costs:
12		1. CAIR (Project 7.x) - Capital
13		PEF is projecting capital investment activities to be approximately \$3.4
14		million or 2% lower for this program than originally projected. This variance
15		is primarily attributable to lower than projected average investment in project
16		7.4 and lower than projected depreciation expense due to the unitization of
17		the project 7.4 assets.
18		
19		2. SO2/NOx Emmissions Allowances (Project 5)
20		PEF is projecting these costs to be approximately \$0.1 million or 5% higher
21		than originally projected due to higher than projected average investment
22		balance. This is due to less amortization of the NOx investment balance

l		than projected due to Cross State Air Pollution Rule (CSAPR) beign 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

Interest Provision (in Dollars)

Line	Description	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Extraded July 12	Estimated August 12	Estimated Suptember 12	Estimated October 12	Estimated November 12	Estimated Decymber 12	End of Period Total
1	Beginning True-Lip Amount (Form 42-2£, Line 7 + 7a + 10)	\$7,096,625	\$5,979,931	\$3,334,164	\$195,130	(\$1,411,952)	(\$1,446,229)	\$336,885	\$4,026,325	\$8,408,764	\$12,594,774	\$14,351,890	\$14,212,500	
2	Ending True-Lip Amount Before Interest (Line 1 + Form 42-26, Lines 5 + 8)	5,979,539	3,333,694	194,784	(1,411,897)	(1.446.086)	336,940	4,026,150	8.408.267	12,593,934	14,350,812	14,211,357	12,943,337	
3	Total of Beginning & Ending Yrue-Lip (Lines 1 + 2)	13.076.164	9.313.629	3,528,948	(1,216,767)	(2,858,038)	(1,109,289)	4.363.034	12,434,592	21,002,698	26,945,586	28,563,248	27,155,837	
4	Average True-Lip Amount (Line 3 x 1/2)	8,538,082	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%	Q.12%	0.11%	0.00%	0.12%	0.13%	0.10%	8.10%	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%	
1	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%	9.100 %	0.100%	0.100%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.006%	0.010%	0.008%	0.000%	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 refersts the fully adjusted amount.

PROGRESS ENERGY FLORIDA

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

Variance Report of O&M Activities (in Dollars)

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

			(1)	(2)	(3)	(4)
			Estimated/	Projection	Variance	_
Line			Actual	Filing	Amount	Percent
1	Descr	fiption of O&M Activities - System				
	1	Transmission Substation Environmental Investigation, Remediation, and Pollution				
		Prevention	\$4.026,525	\$1,991,964	\$2,034,561	102%
	12	Distribution Substation Environmental Investigation, Remediation, and Pollution	1,226,665	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	1,386,804	1,518,000	(131,196)	-9%
	4	Above Ground Tank Secondary Containment	9	0	0	0%
	5	SO2/NOx Emissions Allowances	4.283,834	7,334,975	(3,051,141)	-42%
	å	Phase il Cooling Water Intaks	Q	0	0	0%
	6.4	Phase II Cooling Water Intake 315(b) - Intim	0	0	0	0%
	7.2	CAIR/CAMR - Peaking - Demand	138,273	90,700	47,573	52%
	7.4	CAIR/CAMR Crystal River - 8880	15,034,802	13,399,625	1,635,177	12%
	7.4	CAIR/CAMR Crystal River - Energy	9,143,354	18,447,976	(9,304,522)	-50%
	7.4	CAIR/CAMR Crystal River - A&G	178.904	253,875	(74,971)	-30%
	7.5	Best Available Regraft Technology (BART) - Energy	27,000	0	27,000	100%
	8	Arsenic Groundweter Standard - Base	0	0	0	0%
	9	See Turtle - Coastal Street Lighting - Distrib	2,496	4,992	(2,496)	-50%
	11	Moduler 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	Hezardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0%
	15	Effluent Limitation Guidelines (CR Program - Energy	0	0	0	0%
	15	National Pollutant Discharge Elimination System - Energy	228,446	648,000	(419,554)	-85%
	17	Marcury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	15,800	300,000	(283,200)	-94%
•	17.1	Mercury & Air Toxic Standards (MATS) Anciote - Energy	0	0	0	0%
2	Total	I O&M Activities - Recoverable Costs	\$37,117,319	\$48,420,819	(\$9,303,500)	-20%
3	Reco	overable Costs Aflocated to Energy	13,599,435	28,730,951	(13,031,517)	-49%
4	Reco	overable Costs Allocated to Demand	23,417,884	19,689,866	3,728,016	19%

•

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)

End of

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

O&M Activibes (in Dollars)

					6	Actual	Actual	Estimated	Estimated	Estimated	Esternated	Estimated	Estimated	Penod
		Actual January 12	Actual Entrumo 13	Actual	Actual Aoni 12	May 12	June 12	July 12	August 12	September 12	October 12		December 12	Total
Line	Description	January 12	FOUNDARY 12	maga Cori 12	791									
1	Description of O&M Activities													
	•													
	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$448,238	\$393,677	\$378,008	\$589,159	\$432,936	\$324,510	\$243,333	\$243,333	\$243,333	\$243,333	\$243,333	\$243,333	\$4.026,525
	ta Distribution Substation Environmental Investigation,	••••	•							\$153,446	\$153,446	\$153,446	\$153,446	1,226,665
	Remediation, and Pollution Prevention	88,536	81,169	71,152	17,804	(8,414)	55,741	\$153,446	\$153,446	\$100,446	\$133,440	4155,446	\$133,445	,
	 Distribution System Environmental Investigation, Remediation. 	133,710	25,738	59,067	55,706	(16,412)	60,185	٥	1.000	12,000	190,400	٥	0	521,394
	and Pollution Prevention 3 Pipeline Integrity Management, Review/Update Plan and Risk	133,710	23,736	38,001	90,.00	(10,110)		-	•				**** 500	4 202 004
	3 Pipeline Integrity Management, Heview/Update Hain and risk. Assessments - Intrin	21,277	30,555	62,082	34,756	(112,192)	29,317	34,000	152,000	137,000	34,000	482,000 0	462,000 0	1,386,804 0
	4 Above Ground Tank Secondary Containment - Pkg	0	0	0	D	0	0	462,196	469,679	0 344,372	286,042	258,059	211,970	4,283,834
	5 SO2/NOx Emissions Allowances	284,120	243,360	392,893	377,749	487,020	466,374 0	492,199	0.00	344,372	200,514	0	0	0
	6 Phase II Cooling Water Intake 316(b) - Base	0	0	0	0	Ğ	ŏ	ŏ	ō	ō	0	0	0	0
	6a Phase II Cooling Water Intake 316(b) - Intm	0	7,928	(14,477)	58.230	38,350	10,876	٥	0	Q	37,365	0	0	138,273
	7.2 CAR/CAMR - Peaking 7.4 CAR/CAMR Crystal River - Base	1.092.077	1,747,307	1 357 587	1,360,115	1,066,320	1,161,161	1,001,217	1,210,292	1,245,207	971,768	1,418,518	1,403,239 684,567	15,034,802 9,143,354
	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 14,909	650,058 14,909	385,535 14,909	14,909	178,904
	7.4 CAR/CAMR Crystal River - A&G	6,980	14,822	22,511	9,460	18,302 A	17,376 11,670	14,909 5,254	14,909 9,876	14,800	14,500	17.800	, ,,,,,,	27,000
	7.5 Best Available Retroft Technology (BART) - Energy	0	0	0	0		11,979	3,234 A	0	ŏ	ō	ŏ	Q	0
	8 Arsenic Groundwater Standard - Base	0	0	ů	ŏ	ŏ	ŏ	415	416	416	416	415	416	2,496
	9 Sea Turtle - Coastal Street Lighting - Distrib 11 Modular Cooling Towers - Base	o o	Ď	451,261	ŏ	ō	442,191	8,568	0	0	٥	0	0	902,020
	11 Modular Cooling Towers - Base 12 Greenhouse Gas Inventory and Reporting - Energy	ō	0	0	0	0	0	0	0	0	0	0	0	ů
	13 Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0	0	0	0	0 8	0	0	ŏ	ă	ŏ
	14 Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0	0	0	۵	ŏ	•	õ	ŏ	ō	ō
	15 Effluent Limitation Guidelines ICR Program - Energy	0 8,597	9.101	3.889	6,858	7,718	40,248	36.897	30,810	22,122	23,882	24,723	13,600	228,448
	16 National Pollutant Discharge Elimination System - Energy 17 Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	9,387	16,800	3,000	0	0	0	0	0	0	G	o.	0	16,800
	17 Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy 17.1 Mercury & Air Toxic Standards (MATS) Anciole - Energy	ă	0	0		, o	0	<u> </u>	0	0	0	0	0	
						2 000 014	3,442,127	2,713,025	3.011.829	2,865,570	2,605,619	2,980,937	3,207,480	37,117,319
2	Total of O&M Activities	2,456,579	3.079.942	4,211,416	3,/30,/18	2,806,074	3,444,141	2,113,025	5,511,522	2,000,000	_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
3	Recoverable Costs Allocated to Energy	665,761	778,746	1,824,230	1,611,479	1,387,183	1,340,770	1,257,137	1,236,433	1,069,260	959,982	668,318	910,137	13,699,435
•	100000000000000000000000000000000000000						****	243,333	243,333	243,333	243,333	243,333	243,333	4.026.525
4	Recoverable Costs Allocated to Demand - Transm	448,238	393,677 106,907	378,008 130,219	589,159 73,510	432.936 (24,825)	324,510 115,926	153,862	154,862	165.862	344.262		153,862	1,750,555
	Recoverable Costs Allocated to Demand - Distrib	222,246 1,092,077	1.747.307	1.808.843	1.360.115	1.066,320	1,603,352	1,009.785	1,210,292	1,245,207	971,768		1,403,239	15.936,822
	Recoverable Costs Allocated to Demand - Prod-Base 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	1,386,804
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	7,928	(14,477)	58,230	34,350	10,876	0	0	Q 44.000	37,365		14,906	138,273 178,904
	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	14,500	14,400	170,007
	Part II Part II Part I	0.99120	0.99240	0.99560	0.99550	0.99520	0.99280	0.99460	0.99440	0.99390	0.99370	0.99410	0.99490	
5	Retail Energy Jurisdictional Factor	0.55120	0.002.70	0.01000	5.0000									
6	Retail Transmission Demand Junedictional Factor	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795	0.70795			0.70795 0.99624		0.70795 0.99624	
	Retail Distribution Demand Jurisdictional Factor	0.99624	0.99624	0.99524	0.99624	0.99624	0.99624 0.91683	0.99624 0.91683	0.99624 0.91683		0.99624		0.81683	
	Retail Production Demand Jurisdictional Factor - Base	0.91683 0.64519	0.91663 0.64519	0.91683 0.84519	0.91683 0.64519	0.81683 0.64519	0.84519	0.84519	0.64519		0.64519		0.64519	
	Retail Production Demand Jurisdictional Factor - Intra Retail Production Demand Jurisdictional Factor - Peaking	0.95339	0.95339	0.95339	0.95339	0.95339	0.95330	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	
					4 -04 007	. 200 626	1.331,116	1,250,599	1,229,509	1,052,799	953,934	664,374	905,495	13,621,510
7	Jurisdictional Energy Recoverable Costs (A)	859,902	772,827	1,816,203	1,504,227	1,380,525	1,331,110	1,230,380	1,220,000	1,002,100		,	4-0,-0-	
	Jurisdictional Demand Recoverable Costs - Transm (B)	317,330	278,704	267,511	417,095	306.497	229,737	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)		153,283	154,280		342,968		153,283	1,743,972 14,611,361
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,001,249	1,501,984	1,658,402	1,246,994	977,635	1,470,002	925,601	1,109,633		890,947 21,936		1,286,532 310,981	14,011,361 894,750
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	13,727	19,714	40,054	22,431	(72,385) 36,563	18,915 10,370	21,936	980,89 D	88,391 O	36.623		310,001	131,829
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0 6,467	7,559 13,732	(13,802) 20,854	55,516 5,784	16,955	16,097	13,811	13,811	•	13,811		13,811	165,735
	Jurisdictional Demand Recoverable Costs - A&G (B)	0.401	19,134	*A'A-	3,,04	:3.224								
6	Total Jurisdictional Recoverable Costs for O&M									****	#0 +0+ c0=	#2 645 255	#1 0 4 3 3 7A	£34 040 730
•	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	12,634 150	\$2,431,487	32,010,256	34.042.37U	334.018 /38
	•													

Mobile:

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

Form 42-6E

PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC)

Calculation of the Estimated / Actual Amount January 2012 through December 2012

Docket No. 120007-El Progress Energy Florida, Inc. Witness T.G. Foster

Exhibit No. __(TGF-1) Variance Report of Capital Investment Activities - Recoverable Costs Page 5 of 26 (in Dollars)

		(1) Estimated/	(2) Projection	(3) Varian	(4)
Line	-	Actual	Filing	Amount	Percent
1	Description of Capital Investment Activities 3.x Pipetine Integrity Management - Bartow/Anciote Pipetine 4.x Above Ground Tank Secondary Containment 5 SO2 / NOx Emissions Allowances 7.x CAIR/CAMR 9 See Turtle - Coastal Street Lighting 10.x Underground Storage Tanks 11 Modular Cooling Towers 11.1 Thermat Discharge Permanent Cooling Tower 18 National Pollutant Discharge Elimination System (NPDES) - Intermediate	\$454,882 2,029,384 2,576,839 167,639,338 1,413 31,000 5,244 47,255 54,025	\$451,442 2,084,603 2,449,462 170,991,289 1,695 30,940 5,256 47,435 191,525	\$3,440 (55,239) 127,377 (3,351,952) (282) 60 (12) (180) (137,500)	1% -3% 5% -2% -17% 0% 0%
	17.x Mercury and Air Toxics Standards (MATS)	38,011	191,323	38,011	100%
2	Total Capital Investment Activities - Recoverable Costs	\$172,877,371	\$176,253,647	(\$3,376,277)	-2%
3	Recoverable Costs Allocated to Energy	2,710,280	2,514,359	\$195,921	8%
4	Recoverable Costs Allocated to Demand	170,167,091	173,739,288	(3,572,197)	-2%

Notes:

Column (1) is the End of Period Totats 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)

End of

PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ERC) Catculation of the Estimated J Actual Amount January 2012 through December 2012

Capital Investment Projects-Recoverable Costs (in Dollars)

*1	Courselina	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	Extension 12	Estimated November 12	Estimated December 12	Period Total
Line	Description													
1	Description of Investment Projects (A)										\$37.647	\$37,572	\$37,490	\$454,862
	3.1 Pipeline Integrity Management - Bartow/Anciole Pipeline - Intermediate	\$38,316	\$38,241	\$38,167	\$38,093	\$36,018	\$37,944	37,870 133,902	\$37,795 133,598	\$37,721 133,294	132,991	132,687	132,384	1,608,475
	4.1 Above Ground Tank Secondary Contamment - Peaking	136,692	135,340	135,107	134,806	134,569	134,205	32,007	31,962	31,897	31,842	31,786	31,731	384,422
	4.2 Above Ground Tank Secondary Contamment - Base	32,340	32,284	32,229	32,173	32,118	32,063	3,037	3,031	3.027	3,022	3.017	3,012	36,467
	4.3 Above Ground Tank Secondary Containment - Intermediate	3,065	3,061	3,056	3,052	3,045	3,041	212,243	207,981	204,258	201,375	198,886	196,737	2,576,839
	5 SOZNOX Emissions Allowances - Energy	233,651	231,238	228,328	224,604	220,849 a	216,485	212.213	0	0	0	. 0	0	0
	7.1 CAIR/CAMR Anciote- Intermediate	0		0	0	21.090	21.057	21.025	20,943	20.960	20,926	20,896	20,863	252,494
	7.2 CAIR CT's - Peaking	21,219	21,167	21,155	21,122	2,544	2,644	2.644	2.644	2,644	2,644	2,644	2,644	31,726
	7.3 CAMR Crystal River - Base	2,644	2,644	2,644	2,644 13,921,806	13,913,874	13,906,254	13,910,206	13,931,940	13,948,631	13,944,381	13,946,036	13,970,635	167,250,686
	7.4 CAIR/CAMR Crystal River AFUDC - Base	13,975,743	13,954,944	13,937,239	13,621,806 7,965	8,895	B 151	7,809	7,994	7,994	7,994	7,994	7,994	95,430
	7.4 CAIR/CAMR Crystal River AFUDC - Energy	7,649	7,847	7,122	115	115	113	115	117	120	122	124	127	1,413
	Sea Turtle - Coastal Street Lighting -Distribution	115	115	116	1,749	1.746	1,744	1.741	1,738	1,735	1,733	1,730	1,727	20,907
	10.1 Underground Storage Tanks - Base	1,757	1,755 850	1,752 847	846	844	842	840	838	838	835	832	631	10,093
	10.2 Linderground Storage Tanks - Intermediate	851		437	437	437	437	437	437	437	437	437	437	5,244
	11 Modular Cooling Towers - Base	437	437	3.955	3,949	3,945	3,940	3,936	3,931	3,926	3,922	3,917	3,812	47,255
	11.1 Crystal River Thermal Discharge Compliance Project - Base	3,963	3,950 650	3,935 1,070	1.540	1.561	1,737	2,271	3,186	4,101	5,015	9,588	22,621	54,025
	16 National Pollutant Discharge Elimination System (NPDES) - Intermediate	576	904	1,070	0.00	,,,	4	1,837	4,124	5,439	7,154	8,869	10,564	38,011
	17 MATS - Crystal River 4 & 5 - Energy	Ů		Š	ň	ō	ó	0	. 0	O_	0	0	<u> </u>	0
	17.1 MATS - Anciote Conversion - Energy			<u></u>		<u> </u>								
2	Total Investment Projects - Recoverable Costs	\$14,457,918	\$14,434,561	\$14,413,223	\$14,396,122	\$14,383.851	\$14,370,665	\$14,371,919	\$14,392,300	\$14,405,020	\$14,402,042	\$14,407,914	\$14,443,737	
		241,300	239,085	235,450	232,790	229,744	224,644	221,089	220,099	217,591	216,523	215,749	215,315	2,710,280
3	Recoverable Costs Allocated to Energy	115	115	115	115	115	113	115	117	120	122	124	127	1,413
	Recoverable Costs Allocated to Distribution Demand	****										40 00ê 55B	14.611.096	167,749,242
	Recoverable Costs Allocated to Demand - Production - Base	14,016,884	13,966,023	13,978,256	13,962,758	13,964,764	13,047,082	13,850,970	13,972,642	13.987,270	13,984,959	13,986,550	63,982	555,467
•	Recoverable Costs Allocated to Demand - Production - Intermediate	42,806	42,611	43,140	43,531	43,589	43,564	44,016	44,851	45,685	46,519	51,009 153,582	153,247	1,860,969
	Recoverable Costs Allocated to Demand - Production - Peaking	156,811	156,527	156,262	155,920	155,650	156,262	154,927	154,591	154,254	153,919			1,000,000
_	A . U.P Link Andrews Control	0.99126	0.99240	0.99660	0.99550	0.99520	0.90280	0.99480	0.99440	0.99380	0.99370	0.99410	0.99490	
•	Retail Energy Jurisdictional Factor Retail Distribution Demand Jurisdictional Factor	0.99624	0.99624	0.99624	0.99624	0.99624	0.99624	0.99824	0.99624	0.99624	0.99624	0.99624	9.000	
	Maria Diseasing Chinasa Shaharana Lavan										0.91663	0.91683	0 91683	
	Retail Demand Jurisdictional Factor - Production - Base	0.91663	0.91683	0.91663	0.91663	0.91683	0 91683	0.91663	0.91683	0.91663		0.54519	0.64519	
•	Retail Demand Jurisdictional Factor - Production - Intermediate	0.64519	0.64518	0.64519	B.64519	0.64519	0.64519	0.64519	0.64518	0.64519 0.95339		0.95339	0.95339	
	Retail Demand Jurisdictional Factor - Production - Peaking	0.95339	0.96339	0.95339	0.95339	0.96339	0.95339	0.95339	0.95339	9. p.3339	4.444	3.0000		
								200 745	218,867	216,363	215,159	214,476	214,217	2,694,086
7	Jurisdictional Energy Recoverable Costs (B)	239,177	237,268	234,414	231,742	228,841	223,026	220,736 115	210,007	120	122	124	127	1,408
•	Jurisdictional Demand Recoverable Costs - Distribution (B)	115	115	115	115	115	113	113	***	140				
						40 704 484	12,787,108	12,790,673	12.810.542	12,823,983	12,821,834	12,823,293	12,845,788	153,797,594
4	Jurisdictional Demand Recoverable Costs - Production - Base (C)	12,851,104	12,631,978	12,815,689	12,801,480	12,794,151 28,110	28,107	28,400	28,937	29,475	30,014	32,910	41.268	358,381
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	27,619	27,621	27,833	28,086		148,026	147,708	147,386	147,965	146,745	146,424	146,104	1,774,233
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	149,502	149,232	148,979	148,661	148,404	140,020	141,700	141,000	,	,		-	
	Total Jurisdictional Recoverable Costs for	213 367 F14	\$13 <u>,246,213</u>	\$13 227 030	\$13,210,083	\$13,199,421	\$13,186,379	\$13,187,628	\$13,205,848	\$13,216,976	\$13,213,874	\$13,217,227	\$13,247,504	\$158,625,701
	Investment Projects (Lines 7 + 6)	113,401,016	613'74A0'3	712,521,030	+ 1-1-1-1-1-1-1									

⁽A) Each project's Total System Recoverable Expenses on Form 42-8E, Line 9; Form 42-8E, Line 5 for Projects 5 - Altowances and Project 7, 4 - Reagents (B) Line 3 x Line 5
(C) Line 4 x Line 6

Return on Capital Investments, Depreciation and Taxas For Project: PUPELINE INTEGRITY MANAGEMENT - BartowiAnciote Pipeline (Project 3.1) (In Dollars)

				•		(In Dollars)									End of
		Beginning of Pency Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Esumated July 12	Estimated August 12	Extrated September 12	Estimated October 12	Estimated November 12	Estimated December 12	Pened Total
Line	Description	L GIRO VANCOUNT	45												**
1	Investments a. Expenditures/Additions b. Cleanings to Plant c. Reterments d. Other (A)		\$8 8 0 0	\$0 0 0	\$0 0 0	\$0 9 9	\$0 G Q	\$0 0 0	\$0 0 0	\$0 0 0	\$0 0 0	\$0 0 0	\$0 0 0	\$0 0 0 9 3,719,068	\$8
2	Plani-in-Service/Depreciation Base Less: Accumulated Depreciation	3,719,062 (751,335)	3,719,968 (759,463)	3,719,068 (767,591)	3,719,06 8 (775,719)	3,719,068 (783,847)	3,719.06 8 (791,975)	3,719,068 (800,193)	3,719,06 8 (808,231) 0	3,719,068 (816,359) 0	00_	3,719,068 (832,615) 0	3,719,068 (840,743) 0	(848,871) 0	
3	CWIP - Non-Interest Bearing		. 0	<u> </u>	0 013 340	\$2,935,221	\$2,927,093	\$2,918,965	\$2,910,837	\$2,902,709	\$2,894,581	\$2,886,453	\$2,070,325	\$2,870,197	
5	Not investment (Lines 2 + 3 + 4)	\$2,967,727	\$2,963,666	\$2,951,477 \$2,955,541	\$2,943,349 \$2,947,413	\$2,939,285	\$2,931.157	\$2,923,029	\$2,914,901	\$2,906,773	\$2,868,645	\$2,890,517	\$2,862,389	\$2,874,261	
6	Average Net Investment													7,072	96,184
7	Return on Average Net Investment (8) a. Debt Component (Line 6 x 2.95% x 1/12) b. Equity Component Grossed Up For Taxes c. Other	2.95% 8.02%	7,292 19,816 0	7,272 19,761 0	7,252 19,767 0	7,232 19,653 0	7,212 19,598 B	7,192 19,544 B	7,172 19,490 0	7,152 19,435 9	7,132 19,361 0	7,112 19,327 0	7,092 19,272 0	19,218	234.202
8	Investment Expenses a. Depreciation (C) b. Amortization c. Dismardement d. Property Taxes (D)		8,128 9 0 3,080	8,126 G D 3,080	8.126 0 0 3,080	8,126 0 0 3,080	8,128 6 0 3,080	8,128 0 0 3,080	6,128 0 0 3,060 0	8,126 0 0 3,060 0	0	8,126 0 0 3,060 0	9 9	0	97.536 0 0 36,960
	e. Other		9									*23 # A	1 \$37,577	\$37,498	454,682
9	Total System Recoverable Expenses (Lines 7 + 8) a. Recoverable Costs Allocated to Energy		\$38,316 0 \$38,316	. 0	\$38,167 0 \$38,167	\$38,093 0 \$38,093	\$36,018 0 \$36,018	\$37,944 0 \$37,944	\$37,870 0 \$37,670	\$37,766 0 \$37,796) 0	6	, 0	0	0
	b. Recoverable Costs Allocated to Demand		9,0,010	400,241				5115	N/A	N/A	NA	NA	NA	N/A	
10 11	Energy Jurisdictional Factor Demand Jurisdictional Factor - Production (Intermed	nate)	NIA 0.64519	NA 0.64519	N/A 0.64519	N/A 0.54519	N/A 0.64519	NA 0.64519	0.64519	0.64519	0.64519		0.64519	0. 6 4519	D
12 13	Retail Energy-Related Recoverable Costs (E) Retail Demand-Related Recoverable Costs (F)		24,721 		24,825 \$24,625	24.577 \$24.577	24,529 \$24,529	24,481 \$24,481	24,433 \$24,433	24,38 \$24,38	24,337 \$24,337	24,281 \$24,281	24.24 224.24	•	293,484 \$293,484
14	Total Jurisdictional Recoverable Costs (Lines 12 * 1	3)	324,721	927,873	547,040										

- Notes:

 (A) N/A

 (B) Line 6 x 10.96% 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% (inclus multiplier = 1.626002). Based on 2010 rate casa Order PSC-10-0131-FOF-EI.

 (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail the 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 90 x Line 10

 (F) Line 90 x Line 11

Return on Capital Investments, Depreciation and Taxes For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - PEAKING (Project 4.1) (in Dollars)

Line	Description		ginning of ad 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	Esimaled November 12	Estimated December 12	End of Period Total
1	krivestments					\$ 3.083	\$ (1,706)		\$0	\$0	\$0		\$0	\$0	50 :	5,267
	a. Expenditures/Additions			\$ (6,417)	\$ 10,309 10,309	3,083	(1,706)	\$ (1) (1)		~	9	<u> </u>	~	Õ	ă	5,267
	b. Cleanings to Plant			(6,417)	פטג,טו ח	3,003 N	(1,700)	(*,	ō	ŏ	ŏ	ō	ō	Ō	ō	
	c. Retrements d. Other (A)				ŏ	ŏ	ă	ă	ã	ō	ā	Ö	0	0	0	
	a. Celer (A)			•	•	•	_	•								
2	Plant-in-Service/Depreciation Base	•	1,296,536	11,290,119	11,300.428					,	11,301,603		11,301,803	11,301,803	11,301,803	
3	Less: Accumulated Depreciation		(1,211,068)	(1,244,233)	(1,277,421)					(1,443,379)	(1,476,570)		(1,542,952)	(1,576,143)		
4	CWIP - Non-Interest Bearing		(0)	(0)	(0)	(0)	(0)		(0)		(0)	(0)		\$9,725,660		
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	\$9,691,615	\$9,858,424	\$4,860.53	\$9,792,042	\$9,758,851	\$9,723,000	\$3,034,40H	
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)													** ***		202.004
	a. Debt Component (Line 6 x 2.95% x 1/12)	2 95%		24,765	24,685	24,623	24,543	24,459	24,377	24,296	24,214	24,132	24,051	23,969	23,887	292,004 793,551
	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 G	65,13 5 G	64,917 O	(100,00)
	c. Other			0	0	0	0	0	0	0	0	O.	v	· ·	•	•
	Investment Expenses															
-	s. 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	٥	0	0	9	٥	0	0	0	ů.	0
	c. Dismentiement			0	Q	0	0	D	0	0	0	0 10,389	10,389	10,389	10,389	124,654
	d. Property Taxes (D)			10.361	10,372	10,375	10,374	10,449	10,389	10,389	10,389	10,369	(U,369	10,369	10,309	124,034
	e. Other		-	<u>Q</u>		9			<u> </u>	<u> </u>		<u>_</u>	<u> </u>		<u>v</u>	<u>v</u>
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	1,508,475
•	a. Recoverable Costs Allocated to Energy			0	C	0	0	0	. 0	0	0	0	Û	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
				N/A	NA	NA	N/A	NA	NA	NA	NA	NA	N/A	N/A	N/A	
10	Energy Jurisdictional Factor			D 95339	0.95339	0.95339	0.95339	0.95339	0.95339		0.95339			0.95339		
11	Demand Jurisdictional Factor - Production (Peaking)			u #03339	U.80008	g. p.coos	U.B0338	U-044338		5.30000		4.0-000	_/			
12	Retail Energy-Related Recoverable Costs (E)			0	0	0	0	0	٥	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	127,981	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-EL

(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail tile only on assets placed inservice. Calculated in that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on ongrial cost.

⁽E) Line 9a x Line 10

⁽F) Line 9b x Line 11

Return on Capital Investments, Depreciation and Texas For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Base (Project 4.2) tin 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	so	\$0	\$0	\$0	\$0	\$0	3 0
	a. Expenditures/Additions			\$0	\$0 0	\$0	\$0	\$0	40	70		70	7	70	Ö	-
	b. Clearings to Plant			U		ŭ	ň	0	, i	5	ŏ	Ď	ŏ	. ō	ŏ	
	c. Retirements d. Other (A)			ŏ	ŏ	ŏ	ŏ	ő	ŏ	Ö	Ō	Ō	0	0	0	
2	Plant-in-Service/Depreciation Base		2.886,271	2,686,271	2.586.271	2.686.271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,886,271	2,686,271	2,886,271	2,686,271	
1	Less: Accumulated Degreciation		(215,858)	(221,904)		(233,996)	(240,042)		(252,134)		(264,226)		(276,318)	(282,364)	(268,410)	
ž	CWIP - Non-Interest Bearing		(2.0,000,	,,,,,	0	0	0	0	9	0	0	0	0	0	0	
5	Net Investment (Lines 2+ 3 + 4)	-	\$2,670,413	\$2,564,367	\$2,658,321	\$2,652,275	\$2,646,229	\$2,640,183	\$2,634,137	\$2,628,091	\$2,622,045	\$2,615,999	\$2,609,953	\$2,603,907	\$2,597,861	
6	Average Not Investment			\$2,667,390	\$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	\$2,600,584	
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	6,480	6,473	6,450	6,444	6,429	8,414	6,399	77,770
	b. Equity Component Grossed Up For Taxes (B)	4.02%		17,835	17,794	17,754	17,713	17,673	17,833	17,592	17,552	17,511	17,471	17,430	17,390	211.348
	c. Other			6	Q.	0	0	o	0	0	U	0	·	U	٠	٠
8	invesiment Expenses													E 646	0 040	77 564
	a. Depreciation (C)			6,046	6,046	8,046	6,046	6,046	6,046	6,046 0	6,046	6,046 0	6,046 0	6,046 0	6,046 D	72,552 0
	b. Amortzation			0	0	0		0	N/A	N/A	O N/A	N/A	N/A	N/A	N/A	N/A
	c. Dismantement			N/A 1,896	N/A 1,896	N/A 1,896	N/A 1,896	N/A 1,896	1,896	1,896	1,896	1,896	1,896	1,896	1,896	22,752
	d. Property Taxes (D) a. Other			1,030	1,696	1,096	1,000	0.50	0	0		0	0	0	0	0
	e. Crist		•	У	<u>_</u>	<u>_</u>	X	×			- -	······································				
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			Đ	0	0	0	0	0	٥	٥	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			NIA	NA	NA	NA	NA	NA	NA	NA	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)			0.91683	0.91663	0.91683	0.91683	0.91683	0.91683	0.91683	0.91663	0.91683	0.91683	0.91683	0.91683	
12	Retail Energy-Related Recoverable Costs (E)			٥	D	٥	٥	G	0	0	0	0	0	0	Q	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 + 1)	3)		\$29,550	\$29,599	\$29,549	\$29,497	\$29,447	\$29,396	\$29,345	\$29,295	\$29,244	\$29,194	\$29,142	\$29,092	\$352,450

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-EL.

[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. Based on 2010 rate case Order PSC-10-0131-FOF-EL.

[C) 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 9b x Line 10

Return on Capital Investments, Depreciation and Taxes For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Intermediate (Project 4.3) (in Dollers)

												Estimated	Estimated	Estimated	End of Period
		Beginning of	Actual	Actual	Actual	Actual	Actual	Actual June 12	Esumated	Estimated	Estimated September 12	October 12	November 12		Total
Line	Description	Penod Amount	January 12 I	ebruary 12	March 12	April 12	May 12	June 12	JUNY 12	AUGUSI 12	Johnson 12				
												••	**	\$0	so
1	investments		\$0	\$0	\$0	\$0	\$0	\$0	50	\$0	\$0	\$0	\$0 0	~~~	V-
	a. Expenditures/Additions b. Clearings to Plant		•	0	0	0	0	0	0	0	Ü	ő	ă	ŏ	
	c. Reprements		0	0	0	0	0	ŭ	ŭ		ŏ	ŏ	Ğ	Ó	
	d. Other (A)		0	0	0	0	U	U	•	•	•	-	_		
	G. 2000 (14)			000 00T	290,297	290,297	290,297	290,297	290,297	290,297	290.297	290,297	290,297	290,297	
2	Plant-in-Service/Depreciation Base	290,297	290,297	290.297 (36,050)		(37,114)	(37,646)	(38,178)		(39,242)	(39,774)	(40,306)	(40,838)	(41,370)	
3	Less: Accumulated Depreciation	(34,986)	(35,518)		. 0	a a	` ่อ	Ò	· · · · · · · · ·	Q	Q	<u>0</u>	0	\$248,928	
4	CWIP - Non-interest Bearing	\$255,312	\$254,780	\$254,248	\$253,716	\$253,184	\$252,652	\$252,120	\$251,588	\$251,056	\$250,524	\$249,992	\$249,460	\$240,320	
5	Net Investment (Lines 2+ 3 + 4)	45.44.24.18	20, 21, 23							****	\$250,790	\$250,258	\$249,726	\$249,194	
	Average Net Investment		\$255,046	\$254.514	\$253,982	\$253,450	\$252,918	\$252,386	\$251,854	\$251,344	\$200,790	81.30,230	92.10,120		
•	NAME OF STREET STREET														
7	Return on Average Net Investment (B)				***	624	622	621	620	618	617	616	614	613	7,443
•	a. Debt Component (Line 6 x 2.95% x 1/12) 2.95		627	626 1,702	625 1,698	1.595	1,691	1,657	1,684	1,680	1,677	1,673	1,670	1,666	20,228
	b. Equity Component Grossed Up For Taxes 8.02	%	1,705 0	1,792	1,000	0.000	٥	Ç	0	0	٥	0	0	0	0
	c. Other		•	•	•										
_	1									F22	532	532	532	532	6.384
8	investment Expenses a. Depreciation (C)		532	532	532	532	532	532 0	532	532 0	332	3.0		0	0
	b. Americation		0	0	Đ	0	0	N/A	N/A	N/A	N/A	N/A	NA	NA	NA
	c. Dismantiement		N/A	N/A	N/A	N/A 201	N/A 201	201	201	201	201	201	201	201	2,412
	d. Property Taxes (D)		201	201	201	201			Ö	D	0	0	0	<u> </u>	0
	e. Other						<u>x</u>							\$3,012	36,467
			\$3,065	\$3,061	\$3,056	\$3,052	\$3,046	\$3,041	\$3,037	\$3,031	\$3,027	\$3,022		\$3,U12 0	30,40
9	Total System Recoverable Expenses (Lines 7 + 8)		0	0	0	0	0	0	Q	0	0 \$3.027	\$3,022		\$3,012	36,467
	a. Recoverable Costs Allocated to Energy b. Recoverable Costs Allocated to Demand		\$3,065	\$3,061	\$3,056	\$3,052	\$3,046	\$3,041	\$3,037	\$3,031	\$3,027	\$3,022	44,941	00,010	
	R. Lieberton grade Landening on a service.						N/A	NA	NA	NA	NA	NA	N/A	N/A	
10	Energy Jurisdictional Factor		NA	NA	NA	N/A 0.64519							0.64519	0.64519	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.64519	0.64519	0.54519	0.04019	U.G-013	Ų.D-1014		Ţ.Ţ.J.				_	
			۵	0	a	0	0	٥		0	0			0	0 23,528
12	Relail Energy-Related Recoverable Costs (E)		1,978	1,975	1,972	1,969	1,965	1,962		1,956	1,953			1,943 \$1,943	\$23,528
13	Retail Demand-Related Recoverable Costs (F)		\$1,978	\$1,975	\$1,972	\$1,969	\$1,965	\$1,962	\$1,959	\$1,956	\$1,953	\$1,950	\$1,947	41,843	\$23,340
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)														

Notes:

(A) NA

(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. Based on 2011 Effective Tax Rate on original cost.

(E) Line 9a x Line 10 (F) Line 9b x Line 11

Schedule of Amorazation and Return DEFERRED GAIN ON SALES OF EMISSION ALLLOWANCES (Project 5) (in Dotters)

								Actual	Acquai	Esternated	Estimated	Estimated	Esternated	Esternated	Esimalad	End of Penad
Line	Description		Baginning of Period Amount	Adual January 12	Actual Fabruary 12	Actual March 12	Actual April 12	May 12	June 12	July 12					December 12	Total
1	Working Capital Dr (Cr) a. 16810g1 SO ₂ Emission Allowance Inventory		4 075 160	\$4,961,926	\$4 926 504	\$4 830 184	\$4,834,396	\$4,777,766	\$4,725,137	E4.671.645	\$4.617.997	\$4,678,619	\$4,542,704	\$4,508,812	\$4,487,131	\$4,487,131
	b. 25401Ft. Auctional SQ Allowance			•		- •		(1,342,720)				(1.171.661)		(1,096,131)	(1,943,366)	(\$1,043,366)
	c. 1581002 NOx Emission Allowance Inventory		22.265.776		21,702,453		20,941,782	20,467,232	20,010,721	18,566,253		10,752,797	18.459.805	18,192,872	17,969,919	17,959,819
	c. Other			0	0	0	0	<u>D</u>	0	0	*20 404 925	0 000 000	<u>*24 972 613</u>	631 615 664	#33 403 594	\$21,403,584
2	Total Working Capital		25,687,420	\$25,403,298	\$25,159,938	\$24,767,045	124,389,290	\$23,902,216	\$23,435,903	\$22,973,701	\$22,504,020	\$22,138,633	321,5/3,013	\$21,010,034	\$21,403,584	921,403,304
3	Average Net Investment			\$25,545,356	\$25,261,618	\$24,963,492	\$24,578,171	\$24,145,786	\$23,669,0 60	\$23,204,805	\$22,736,868	\$22,331.842	\$22,816,634	\$21,744,564	\$21,509,569	
4	Return on Average Net Working Capital Balance (A) s. Debt Component (Line 3 x 2.95% x 1/12)	2.95%		62,850	62,201	81,418	60,470	59,406	50,233	57,091	55,945	54,943	54,168	53,498	52,920	693,143
_	b. Equity Component Grossed Up For Taxes	8.03%		170,801	169.037 \$231.238	166,910 \$226,326	164,334 \$224,804	\$220,849	158,256 \$216,489	155,152 \$212,243	152,036 \$207,981	149,315 \$204,258	147,207 \$201,375	145,368 \$198,886	143,817 \$196,737	1,883,596 2,576,839
5	Tatel Return Component (B)			\$233,651	1231,230	\$110,310	32 24 (834	9220,000	\$F 19,403	94 74,4 74	24.07.29.	9444.249	7291,219	7:1157	2-1-4-0-1	
8	Expense Or (Cr) e. 5090001 SO ₂ Allowance Expense			26,263	23,232	89,509	4,796	56,534	52,620	53,492	53,648	39,478	35,615	33,892	21,681	491,057
	b. 4074004 Amortization Expense			(42.669)	(42,869)				(42,765)		(42,765) 458,798	(42,765) 347,659	(42,765) 292,963	(42,766) 266,932	(42,766) 233,054	(513,180) 4,305,958
	c. 5090003 NOx Allowance Expense d. Other			300.527	262,797	346,053	414,637	474,531	456,511	451,468 D	430,794	341,000	292,893	200,00	230,034	0
7	Net Expense (C)			264,120	243 360	392,893	377,749	487,020	466,374	462,196	469 679	344,372	286,042	258,050	211,970	4,283,634
8	Total System Recoverable Expenses (Lines 5 + 7) a. Recoverable costs allocated to Energy			\$517,771 517,771	\$474,598 474,598	\$821,221 \$21,221	\$602,553 602,553	\$707,868 707,860	\$682,863 882,863	\$574,439 \$74,439	\$477,460 677,660	\$548,630 \$48,630	\$487,417 487,417	\$456,945 456,945	\$408,707 408,707	8.860,673 8.860,673
	b. Recoverable costs allocated to Demand			0		•	0	0	4	0	0	Q.	Ö	0	0	0
9 10	Energy Jurisdictional Factor Demand Jurisdictional Factor			D.99129 N/A	0.99240 N/A	0.99560 N/A	0.99550 N/A	0.99520 N/A	0.99280 N/A	0.99480 N/A	0.99440 N/A	0.99390 N/A	0.99370 N/A	0.99410 N/A	0.99490 N/A	
11 12	Retail Energy-Related Recoverable Costs (D) Retail Demand-Related Recoverable Costs (E)			\$513,215 0	\$470,991 0	\$618,488 G	\$599,84 \$ Q	\$704,472 0	\$677,946 0	\$670,932 0	\$673.865 0	\$545,284 Q	\$484,346 Q	\$454,249 0	\$406,622 0	6.620,261 Q
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 513,215	\$ 470,991	\$ 618,488	\$ 599,641	\$ 704,472	\$ 677,946	\$ 670,932	673,865	\$ 545,284	\$ 484,346	\$ 454,249	\$ 406,622	6,820,251

Miles:

(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 83%, and statutory income tax rate of 38.575% (inc Tax multiplier = 1.528002). Based on 2010 rate case Order PSC-10-0131-FOF-EL (B) Line 5 is reported on Capital Schedule (C) Line 7 is reported on OBM Schedule (D) Line 8a x Line 9

(E) Line 8a x Line 9

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

4.	.		Beginning of Penad Amount	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated October 17	Estimated	Estimated	End of Period Total
Line	Description		Penad Amount	January 12	redruary 12	Manch 12	April 12	May 12	JUNE 12	July 12	August 12	September 12	CALDOO 12	1404011001 17	Docombo 12	1001
1	investments					_										
	a. Expenditures/Additions			\$6	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	20	\$0	\$0	\$0
	b. Cleanings to Plant			0	0	0	0	0	0	0	0	0	0	0	u .	
	c. Retirements			0	0	0	0	0	0	0	0	0	0	0	U	
	d. Other (A)			0	0	0	0	0	0	0	0	0	0	0	U	
	2 Plant-in-Service/Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	o	
	3 Less: Accumulated Depreciation		0	0	0	0	0	0	٥	0	0	0	0	0	0	
	4 CWIP - Non-Interest Bearing		. 0	0	0	. 0	0	0	0	. 0	0	0	0	0	0_	
	5 Net investment (Lines 2 + 3 + 4)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	6 Average Net Investment			a	0	0	٥	0	D	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	Q	0	٥	ō	0		٥	0	0
	b. Equity Component Grossed Up For Taxes	8.02%		٥	0	Đ	0	0	0	0	D	0		0	Q.	0
	c. Other			0	0	0	0	0	0	0	0	0	Q	0	0	Q
	8 Investment Expenses															
	a. Depreciation (C) 1.60%			a	0	0	٥	0	0	0	0	0	0	0	0	0
	b. Amortization			0	0	0	D	0	0	0	0	0	_	0	Q	.0
	c. Dismantlement			N/A	N/A	NA	NA	NA	NA		N/A	NIA				N/A
	d. Property Taxes (D) 0.008310			٥	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other			- 0	0	0	_ 0	<u>Q</u>	0		0	0	0	0		0
	9 Total System Recoverable Expenses (Lines 7 + 8)			G	a	0	٥	٥	ø	0	0	0	٥	0	0	0
	a. Recoverable Costs Allocated to Energy			0	0	0	0	Q	0	0	0	0		0	0	Q
	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	NA	NA	NA	N/A	NA	NA				
11	Demand Jurisdictional Factor - Production (Intm)			0.64519	0.64519	0.64519	0.64519	0 64519	0.64519	0.64519	D.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			Ð	0	0	0	0	0	0	0	Q	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)			\$0	\$O	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

- 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

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

Line	Description	Beginning of Period Amoun	Actual L 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 Penod 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	Ü	0	
	c. Retirements		0	0	0	D	0	0	ű	U		Ů	ŭ	0	
	d. Other (A)		0	0	0	U	U	v	v	U	U	U	· ·	·	
2	Plant-in-Service/Depreciation Base	1,936,108	1,936,108	1,936,108	1,936,108	1,935,108	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	(176,016	(179,560)	(183,104)	(186,648)	(190,192)	(193,736)	(197,280)	(200,824)	(204,364)	(207,912)			(218,544)	
4	CWIP - Non-Interest Bearing	(0	(0)	(0)		(0)	(0)	(0)	(0)	(0)			(0)	(0)	
5	Not Investment (Lines 2 + 3 + 4)	\$1,760,000	\$1,756,548	\$1,753,004	\$1,749,460	\$1,745,916	\$1,742,372	\$1,738,828	\$1,735,284	\$1,731,740	\$1,728,196	\$1,724,652	\$1,721,108	\$1,717,564	
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	\$1,722,860	\$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	139,513
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	O.
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	٥	0	0	, 0	0	0	0	0
	c. Dismantlement		NA	NA	NA	NA	NA	NA	, NJA	NVA	NA	NA	NA	NA	NA
	d. Property Taxes (D)		1,593	1,593	1,593	1,593	1,593	1,583	1.593	1,593	1,593	1,593	1,593	1,593	19,116
	e. Other		0	<u>_</u>	0	- 0	0	0	0	0	<u> </u>	0	<u> </u>	Q Q	<u> </u>
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		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95339	0.95339	0.96339	0.95339	0.95339	0.95339	0.95339	0.95339	0.96339	0.95339	0.95339	0.95339	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	50	\$0	\$0	٥
13	Retail Demand-Related Recoverable Costs (F)		20,230	20,200	20,169	20,135	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	1	\$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

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 inservice. 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 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

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 Penad Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Esameted July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Penod Total
1	investments		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	a. Expenditures/Additions		~~		ã	ō	Ö	ō	Ō	0	0	0	0	0	
	b. Clearings to Plant c. Regimements		ă	ŏ	Ď	0	0	0	0	0	0	0	Q	0	
	d. Other (A)		ō	ō	0	٥	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	o.	0	0	0	0	0	0	0	0	0	0	0	D O	
3	Less: Accumulated Depreciation	0	0	0	000.00	289,107	289,107	289,107	289,107	289,107	289,107	289.107	289,107	269,107	
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	\$289,107	
5	Net Investment (Lines 2 + 3 + 4)	\$289,107	\$289,107	1/99, IU/	\$200, IV	\$203,197	\$203,101	\$200,101	94.00	2300,107		4			
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	
7	Return on Average Net Investment (B)						744		711	711	711	711	711	711	\$8.532
	a. Debt Component (Line 6 x 2.95% x 1/12)	2.95%	711	711	711	711 1,933	711 1,933	711 1,933	1,933	1,933	1,933	1,933	1.933	1,933	23,196
	b. Equity Component Grossed Up For Taxes a. Other	6.02%	1,933 0	1, <u>93</u> 3 0	1,933 0	1,933	0	0	0	0	0	0	0	0	0
8	Investment Expenses			•	•	0	0	0	0	o	0	۵	0	0	0
	a. Depreciation (C) 2.10%		0	0	0	Ď	ŏ	ŏ	ő	ŏ	ŏ	ŏ	ō	ō	G
	b. Amortization		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	N/A
	c. Dismantlement d. Property Taxes (D)					D	0	0	0	0	0	D	0	0	0
	e. Other		ō	Ŏ	Ŏ	0	0	0	0	0	8	0	Q	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	D	0	0	0	0	0	0	0	8	0	24 728
	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		NA	NA	N/A	N/A	N/A	NA	NA	NA	NA	NA	N/A	NA	
11	Demand Junschtlonal 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 (E)		\$0	\$0	\$0	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Relai 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-EL.

(C) Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.

⁽E) Line Sa x Line 10 (F) Line Sb x Line 11

PROGRESS ENERGY FLORIDA Environmental Cost Reserviny Chasto (ECRC) Culturations of this Estimated J Achael Amount Johnney 2012 through December 2012

Return on Cogdid Investments, Departments and Teams For Propet: CARICAMR - Stone (Propet 7 4 - Crystal Rests FGD and SiCR) (on Oatlors)

					E au Danie	- CARLCANIA - I	Propert 7 4 · C	rystai Ross FGD wei	ECRI)							Ens of
					rurray		(as Codore)							E uterated	Enteretant	Percel
									Australi	Employ	فجنهجينو E	Estimated September 12	Estampled October 12	November 12	December 12	Total
				Actual	Actual	Actual	Actual April 12	Actions May 12	June 12	July 12	August 12	September 12				
			Segment of word Amount	January 12	February 12	Mayor 12	April 12						\$2,404,391	12,644,644	\$1,006,706	\$22,541,962
Line	Description							\$1,000,173	\$2,361,835	\$3,203,198	\$5,867,822 \$75,805	\$1,790,400 186,000	92,404,		19,010,725	
				\$16,468	\$30,020	1746,104	\$587,479 14,215	1,157,670	4,220	(4,000)	an, an	,	•	•	ĭ	
1	a Esperatuses/Addisons			86,995	29.673	68,786	,,,,,,	•	•		•	•	0	•	_	
	b. Clearings to Plant			•	•	•	ă		•		_			1,246,641,220	1,267,000,946	
	c. Referensités			•	•		•			1,247,586,415	1,248,541,220	1,248,841,220	1,248,641,229	(86,939,797)	(91,300,104)	
	4. Other (A)					1,246,393,194	1,248,407,319	1,247,565,188	1,243,560,415	(79,566,014)	(81,908,463)	(84.252,900)	(86,586,362)	19 332 799	1,319,750	
			1,246,224,667	1,246,294,863	1,244,324,336	(70,181.710)	(72,536,679)	(74,863,571)	(77,236,250)	7.671.517	12,593,534	14.293.934	10.000.125	\$1,179,034,193	\$1,177,440,631	
,	Plant-in-Service/Depreciation Base		(63,157,213)	(46,501,963)	(481,846,794	814.201	1,460,400	2.116,700	4,444,321 \$1,174,806,477	\$1,175,670,018	11,175,225,291	\$1,170,672,747	\$1,178,733,163			
3	Lane: Accumulated Depression		214,040	240,510	240,986	\$1,177,119,505	11.175.337.046	\$1,174,796,326	31.1/3.00.01/				\$1,138,702,720	\$1,178,883,693	\$1,178,367,382	
i i	CWIP - AFUDG-Interest Bearing	-	\$1,163,261,561	\$1,161,633,218	11.176.716.436	_ BILITANIAN			\$1,174,003,402	\$1,175,230,240	\$1,177,447,865	\$1,178,946,700	\$1,116,000,100	•,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
ś	Not investment (Lines 2 + 3 + 4)				\$1,179,875,826	\$1,177,019,016	\$1,178,228,321	\$1,175,967,896	B1'11s'mor'see	•-,						34,773.147
				\$1,162,157,350	\$1,178,610,000	01,						2,000,582	2,840,077	2,600,422	2,860,127	94,500,015
	Average hist investment							2,881,634	2,000,363	2,001,460	2,866,860	7,862,846	7,681,020	7,842,230	7,876,711	A4'76'0'A-+
				2,905,476	2,907,963	2,868,049	2,865.866	7,864,716	7,064,048	1 667 862	7,872,824	,,		•	•	_
7		2.95%		7,804,116	7,884,863	7,675.780	7,864,475		•	•	•	=				
	b. Equity Congorant Grossed Up For Teases	1.02%		7,004,110		. •	•	-						2,343,445	2,360,366	28,142,952
	e. Other			_						2,341,868	2,342,840	2,343,445	2,343,446	2,343,040		٥
	# CH_					2,344,947	2,344,988	2,346,863	2,341,008	2,341,004	4,5 =	0		N/A	NA	NIA
	Investment Expenses			2,344,761	2,344,800	2,344,941	9	•		N/A	NA.	NA	N/A	810,930	832,429	0,843,570
•	a. Depreciation (C)				•	***	MA	NA	NA.	819,232	\$10,673	819,938	619,636	0.00		
	h. Amortization			WA	N/A	NA 818,463	018.477	819,232	819,236	0.0						
	c. Durandenori			818,398	018,410	0.0	0_						\$13,844,391	\$13,946,036	\$13,970,636	\$167,259.600
	d Property Taxon (D)								\$13,606,254	\$13,010,205	\$13,931,940	\$13,946,631	813,544,441	0		
	g. Other				\$13,864,944	\$13,937,239	\$13,621,605	\$13,913,874	010,000	•	9	£13,046,631	513,944,361	\$13,940,036	\$13,010,63	\$187,256,666
	Turner firm 7 4 40			\$13,876,743	513,000,010		•	\$12,013,074	\$13,000,754	\$13,010,705	\$13,031,940	£12'000'001	• • • • • • • • • • • • • • • • • • • •			
•	Total System Recoverable Expenses (Lines 7 + 6) a. Recoverable Code Allocated to Energy			\$13,075,74	\$13,964,944	\$13,937,238	\$13,921,898	\$19,012,014	•••••			NA	NA	MA	NIA 0.0166	
	b. Recoverable Costs Allocated to Devend			\$13,615,144				SNA	NA	NA	N/A 0.0166		8.91663	0.91863	0.0100	•
	P. Manufallian come variants a service			МА	NA	NA	AM Dagies		0.91667	0.01687	0.0100				. 50	
	Energy Juredictional Factor			0.91063		0.61883	4 4 4 4 4 4				\$0	\$0	30	50	12 BOK 702	153,344,254
10	Demand Junetickienel Fector - Production (Base)			0.01.00			\$0	\$6	50	10		12,796,991	12,764,631	17,799,148 \$12,786,148		\$153,348,754
11				\$45		10 12,270,004		12,754,662	12.749.874	17,753,790 112,753,798	\$12,773,225		\$12,784,631	312,789,144	4.4,444	
12	Ruted Energy-Related Recoverable Costs (E)			17.813,345	17,794,315			\$12,758,642	\$12,740,670	912,194,594						
13				\$12,813,395	\$12 794,310	\$72,710,MPT										
14	Total June dictional Recoverable Costs (Lines 12 + 13	,														
											A . P PLAN FOR SI					

- (A) MA
 (B) Line 6 x 10 BYS, x U12. Seased on ROE of 10 5%, weighted cost of equity component of capital structure of 4 83%, and penutory increase laz rate of 25,575%, first lax multiplier = 1 626002). Based on 2010 rose case Order PSC-10-0131-FOF-E1.
 (C) Depreciation columnated only on seases placed in-service structure of Capital Rever section of Capital Program Dated file. Calculated on that activated as Line 2 x rate x V12. Based on 2018 Effective Tax Ress on organic cont.
 (C) Program (a) a rate of a rate of

Schedule of Amortization and Return For Project: CAIRICAMR - Energy (Project 7.4 - Resigents and By-products) (in Dosars)

Line	Description		Beginning of Pencel Amount	Actual January 12	Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 12	Esumpted August 12	Eshmated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Penod Total
1	Working Capital Dr (Cr) a. 1544001 Attending inventory b. 1544004 Limestone Inventory		\$ 21,613 742,609	\$ 36,991 871,443	\$ 39,953 767,379	\$ 55,091 694,894	3 50,699 945,556	\$ 24,461 \$ 924,342	41,144 792,332	\$ 41,390 1 832,642	\$ 41,390 832,642	\$ 41,390 832,642	\$ 41,390 832,842	632,642	532,642	832,542
2	Total Working Capital		\$ 764,222		\$ 807,332	\$ 749,895	\$ 996,254	\$ 946,003 \$	833,478	8 674,032	674,032	\$ 874,032	\$ 874,032	\$ 874,032	\$ 074.032	874,032
3	Average Net Investment			835,326	657,683	776.513	873,074	972,529	891,140	653,754	874,032	674,032	874,032	874,032	674,032	
•	Return on Average Net Working Capital Balance (A. a. Debt Component (Line 3 x 2:95% x 1/12) b. Equity Component Grossed Up For Taxes) 2.95% 8.02%		2,058 5,592	2,111 5,736	1,916 5,206 7,122	2,146 5,836	2,383 6,503	2,192 5,958 8,151	2,161 5,706 7,809	2,150 5,844 7,994	2.150 <u>5.844</u> 7.904	2,150 5,844 7,994	2,150 5,844 7,994	2,150 5,844 7,994	\$25,670 69,760 95,430
5	Total Return Component (8)			7,649	7,847	7,122	7,986	8,895	8.131	1,009	1,034	[7444		7,389		90,130
6	Expense Dr (Cr) e. 5020011 Ammonia Expense b. 5020012 Limestone Expense c. 5020013 Dibacic Acid Expense d. 5020003 Gypsum Disposal/Sale e. 5020014 Boltom/Fly Ash Reagents Expense f. Other			178,354 238,713 0 (91,656) 47,833	179,808 428,179 4,678 (230,431) 127,050 0	276,179 570,270 0 424,468 156,530	270,740 497,453 0 318,394 140,285	269.594 522,742 0 (49,994) 150,092	257,205 525,836 0 (112,969) 152,205	229,246 372,413 0 69,824 81,307	221,684 358,914 0 67,269 78,202	197.367 353,026 0 66,070 78,300	184,784 332,128 0 62,053 71,094	110,185 196,154 0 36,723 42,473	197,347 348,207 0 64,980 74,033	2,572,493 4,744,037 4,876 624,741 1,197,204
7	Net Expense (C)			373,044	509,484	1,427,447	1,226,872	892,445	822,270	752,790	726,068	592,768	650,058	385,535	684,567	9,143,353
8	Total System Recoverable Expenses (Lines 5 + 7) a. Recoverable costs allocated to Energy b. Recoverable costs allocated to Demand			\$360,693 360,693 \$0	517,331	1,434,568	1,234,856	\$901,340 901,340 \$0	\$830,428 830,428 \$0	\$760,599 760,599 \$0	\$734,062 734,062 \$0	\$700,760 700,760 \$0	\$658,652 456,052 \$0	\$393,530 393,530 \$0	\$692,561 692,561 \$0	\$9,238,763 9,238,783 \$0
<i>e</i> 10	Energy Jurisdictional Factor Demand Jurisdictional Factor			0.99120 N/A	0.99240 N/A	0.99560 N/A	0.99550 NIA	8.99528 N/A	0.9626G N/A	0.99480 N/A	0.99440 N/A	0.99390 MA	0.99370 N/A	0.9941Q N/A	0.99480 N/A	
11 12	Retail Energy-Related Recoverable Costs (D) Retail Demand-Related Recoverable Costs (E)			377,343 D	513,3 99 Q	1,428,256 0	1,229,301	897,014 Q	624,449 9	756,644 0	729,952 0	696,485 0	653,906 0	381,208 . G	689,029 0	9,186,967 0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 1)	2)		\$ 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 4.93%, and statutory income tax rate of 36 575% (inc tax multiplier × 1.628002). Based on 2010 rate case Order PSC-10-0131-FOF-E).

(B) Line 5 is reported on Capital Schedule.

(C) Line 8a x Line 9

(E) Line 8b x Line 10

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	Estimated July 12	Estimated August 12	Estimated September 12	Estimated October 12	Estimated November 12	Estimated December 12	End of Period Total
1	Investments												**	****	64 700
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$283	\$283	\$283	\$283	\$283	\$283 0	\$1,700
	b. Clearings to Plant		0	0	0	٥	0	0	0	0	0	0	0	0	
	c. Retirements		0	Q.	0	0	0	0	. 0	0	0	0	0	ů	
	d. Other (A)		0	0	0	U	Ų	0	U	v	ď	U	U	U	
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	
3	Less: Accumulated Depreciation	(1,324)	(1,350)	(1,376)	(1,402)	(1,428)	(1,454)	(1,480)							
4	CWIP - Non-Interest Bearing	<u> </u>	0	. 0	<u> 0</u>	0	0	<u> </u>	283	567	850	1,133	1,417	1,700	
5	Net Investment (Lines 2 + 3 + 4)	\$8,875	\$8,849	\$8,823	\$8,797	\$6,771	\$8,745	\$8,719	\$8,976	\$9,234	\$9,491	\$9,748	\$10,006	\$10,263	
6	Average Net Investment		8,862	8,836	8,810	8,784	8,756	8,732	8,848	9,105	9,362	9,620	9.677	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
		8.02%	59	5 9	50	59	59	58	59	61	63	64	66	68	734
	c. Other		0	Q.	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	Q.	0	0	0	0	0
	c. Dismantlement		N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N/A	N/A
	d. Property Taxes (D) 0.009674		8	8	8	ð	4	8	8	8	8	8	8	8	96
	s. Other		0	0	0	<u> </u>	0		0	0	0	<u> </u>	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
	g. Recoverable Costs Allocated to Energy		0	D	0	0	G	0	0	D	0	0	0	0	٥
	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	NA	NA	N/A	N/A	N/A	N/A	N/A	NA	NA	NA	NA	
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	
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 stalkdory income tax rate of 38.575% (inc Tax multiplier = 1.628002). Based on 2010 rate case Oder 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

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

Line	Description	Beginning of Period Amoun		Actual February 12	Actual March 12	Actual April 12	Actual May 12	Actual June 12	Estimated July 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	20	\$0	\$0	\$0	\$0	\$0	\$0	20	\$0
	b. Clearings to Plant		Q.	0	0	0	0	0	0	G	0	0	0	Q	
	c. Retirements		0	٥	0	0	0	0	0	0	Q.	0	0	0	
	d. Other (A)		0	٥	0	0	D	0	٥	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	168,941	168,941	168,941	166,941	168,941	168,941	188,941	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)	(23,206)	(23,504)	(23,800)	(24,096)	(24,392)	(24,688)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0_	0	Q.	.0	0	0	0	0	<u>D</u>	
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 <u>,141</u>	\$144,845	\$144,549	\$144,253	
6	Average Net Investment		147,657	147,361	147.065	146,769	146,473	146,177	145,881	145,565	145,289	144,993	144,697	144,401	
7	Return on Average Net Investment (B)														
		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
B	Investment Expenses														
	a. Depreciation (C) 2.10%		296	296	296	296	296	296	296	296	296	296	296	296	3,552
	ti. Amortization		0	G	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	NA	NA	NA	NA	NA	NA	NA	N/A	NA	NA	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			<u>u</u>		<u>u</u>		<u> </u>	<u>v</u>	<u> </u>	<u> </u>	<u>v</u>	<u></u>		<u> </u>
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	Û	ø	C	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		NA	NA	NA	NA	NA	NA	NA	NA	N/A	NA	NA	NA	
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 (E)		\$0	50	\$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	1,590	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 Oder PSC-10-0131-FQF-EI.

⁽C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EL (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

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 December 12	End of Penod Total
1	investments				••			**		•	•0	**	*^	\$0	\$0
	a. Expenditures/Additions		\$0	\$0	\$0	20	\$0	20	\$0 0	\$0 0	\$0 0	\$0 0	\$0 0	•u	•
	b. Cleanings to Plant		0	0	0	9	0	0	-	_	-	-	-	0	
	c. Ratirements		0	0	0	0	0	0	0	0	0	_		•	
	d. Other (A)		0	0	q	0	Q	0	D	D	0	0	0	0	
2	Plant-In-Service/Depreciation Base	76,006	76,008	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)	
Ĭ	CWIP - Non-Interest Bearing	Ó	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 (nvestment		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 (8)														
•		95%	157	157	156	156	155	155	154	154	153	153	152	152	1,854
		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	C	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		G	0	0	0	0	0	0	0	0	0	. 0	0	0
	c. Dismantlement		N/A	NIA	NA	N/A	NA	N/A	NIA	NA	NA	NA	NA	NA	NA
	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	<u>Q</u>	0	0		0	0	0	0	0
. 9	Total System Recoverable Expenses (Lines 7 + 8)		\$851	\$850	\$847	\$846	\$844	\$842	\$840	\$839	\$836				\$10,093
	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0			0	0
	b. Recoverable Costs Allocated to Demand		\$851	\$850	\$847	\$846	5844	\$842	\$840	\$839	\$836	\$835	\$832	\$831	\$10,093
10	Energy Jurisdictional Factor		N/A	N/A	NA	NA	N/A	NA	N/A	N/A	N/A	NA	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	0.84519	0.64519	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$9	\$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	<u>5</u> 36	6.512
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$549	\$548	\$546	\$546	\$545	\$543	\$542	\$541	\$530	\$539	\$537	\$536	\$6,512

Notes:

SINSA.

(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-EL.

(C) Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EL.

(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

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

			Beginning of	Actual	Actual	Actual	Actual	Actual	Actual		Estimated	Estimated	Estimated	Estimated	Estimated December 12	End of Penod Total
Line	Description		Penod Amount	January 12	February 12	March 12	April 12	May 12	June 12	JUN 12	August 12	September 12	OCIODOF 12	INCAGURDO: 15	December 12	TOTAL
1	investments															
	a. Expenditures/Additions			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant			O	0	8	Đ	٥	0			0	0	Q	0	
	c. Retirements			0	G	C	0	0	0	0	0	0	6	a	D	
	d. Other (A)			O	٥	a	0	a	0	0	0	0	0	. 0	U	
2	Plant-in-Service/Depreciation Base		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)	(655,141)	(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	<u> </u>	0	0	0	<u> </u>	0	0	<u> </u>	0	
5	Net Investment (Lines 2 + 3 + 4)	-	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
6	Average Net Investment			0	a	٥	D	0	0	0	0	0	0	0	۵	
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	G	Đ	0	Q
	b. Equity Component Grossed Up For Taxes	8.62%		D	0	0	D	0	0	0		0	0	0	Q	0
	c. Other			Q	0	0	0	0	0	G	0	0	0	0	Q	0
8	Investment Expenses															
	a. Depreciation (C) 20.00%			C	0	0	0	0	0	٥	0	0	0	0	Q	0
	b. Amortization			0	0	0	9	Đ	0	Q	0	0	0	0	0	. 0
	c Dismandement			NA	NA	NA	NA	NA	NA	NA	NA	NIA	NA	NA	NA	NA
	d. Property Taxes (O) 0.007880			437	437	437	437	437	437	437	437	437	437	437	437	5,244
	e Other			<u>o</u> _	0	0	0	0	0		<u>C</u>	0		0		
9	Total System Recoverable Expenses (Lines 7 + 8)			\$437	\$437	\$437	\$437	\$437	\$437	\$437		\$437			\$437	\$5,244
	a. Recoverable Costs Allocated to Energy			0	0	G	0	0	٥	٥	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
,	O Energy Jurisdictional Factor			N/A	NA	NA	N/A	NA	NA	NA	NA	N/A	NA	N/A	NA	
	1) Demand Jurisdictional Factor - Production (Base)			0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91663	0.91683	0.91683	
1	2 Retail Energy-Related Recoverable Costs (E)			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	3 Retail Demand-Related Recoverable Costs (F)			401	401	401	401	401	401	401	401	401	401	401	401	4,808
1	4 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 tex rate of 38.575% (inc tex 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. 060162-El.
(D) Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.

⁽E) Line 98 x Line 10

⁽F) Line 9b x Line 11

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

																End of
			Beginning of	Actual	Actual	Actual	Actual	Actual	Actual	Estimated	Estimated	Estimated	Estimated	Estreted	Estimated	Period
Line	Description		Period Amount		February 12	March 12	April 12	May 12	June 12	July 12	August 12	September 12	October 12	November 12	December 12	Total
1	investments			\$2,899	\$262,420	\$9,923	\$60,592	\$32,954	\$46,812	\$24,671	\$24,671	\$24,671	\$24,871	\$24,671	\$24,671	\$563,727
	a. Expenditures/Additions			92,000 0	6	0	0	0	0		D	0	0	0	0	
	b. Clearings to Plant c. Rekrements			ō	ŏ	ō	Ŏ	Ó	٥		0	0	Q	Q.	0	
	d. Other (A)			100,526	100,295	101,559	103,267	104,150	104,965	106,069	106,879	107,694	108,515	109,340	110,170	
	di Calan (rd												224 725	204 725	361.735	
2	Plant-in-Service/Depreciation Base		361,735	361,735	361,735	361,735	361,735	361,735	361,736	361,735	361,735	361,735	361,735 (19,842)	361,735 (20,354)		
3	Less: Accumulated Depreciation		(14,722)	(15,234)		(16,256)	(16,770)	(17,282)	(17,794)	(18,306)	(18,818) 17,367,084	(19,330) 17,499,450		17,766,647		
4	CWIP - AFUDC Bearing		16,074,201	16,177,626	16,540,341	16,651,953	16,615,912	16,953,016	17,104,794	17,235,534 \$17,578,964					\$10,242,350	
5	Net investment (Lines 2 + 3 + 4)		\$18,421,214	\$16,524,127	\$16,886,330	\$16,997,431	\$17,160,877	311.01(410	317,998,735	317,379,595	817,710,042	417,041,048	#11.W17.YEE	414.104.483	W.1824.054	
					\$346,248	\$345,734	\$345,222	\$344,710	\$344,198	\$343,686	\$343,174	\$342,662	\$342,150	\$341,638	\$341,126	
6	Average Net Investment (B)			\$346,758	\$340,246	\$343,734	9.749,222	#J44,110	2000,100	00.0,000	40.0,	00.00,000	•	•••••	4	
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	643	842	841	839 2,281	10,155 27,596
	b. Equity Component Grossed Up For Taxes	8.02%		2,318	2,315	2.312	2,308	2,305	2,301	2,298	2,295	2,291	2,288 0	2,284	2,261	21,3 0 0
	c. Other			0	a	0	0	0	0	0	0	٠	·	٧	•	•
	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	٥	O	Ō	0	٥	0	0
	c. Diementlement			0	0	Ô	0	a	0		G	0		0	700	N/A 3,360
	d. Property Taxes (E)			280	280	280	250	280	240	280	280	280	280	280	280	3,360
	e. Other		-	0				<u> </u>	0				<u>.</u>	X	<u>v</u>	<u>~</u>
				\$3,963	\$3,959	\$3,955	\$3,949	8 3,945	\$3.940	\$3,936	\$3,931	\$3,926	\$3,922	\$3,917	\$3,912	\$47,255
	9 Total System Recoverable Expenses (Lines 7 + 8) a. Recoverable Costs Allocated to Energy			204,c4 D	#3,#3# G	33,55	0	0.540	6	0	0	D	Đ	0	. 0	0
	Recoverable Costs Allocated to Demand			\$3,963	\$3,959	\$3,955	\$3,949	\$3,945	\$3,940	\$3,936	\$3,931	\$3,926	\$3,922	\$3,917	\$3.912	\$47,255
	B. (NICLISH AND CORE AND CORE IN COMMUNIC			40,000	V =(40.000										
1	10 Energy Jurisdictional Factor			NA	NA	NA	NA	N/A	NA	NA	N/A	NA	NA	N/A	N/A	
	1 Demand Jurisdictional Factor - Production (Base)			0.91683	0.91683	0.91683	0.91683	0.01683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
	12 Date Date			50	\$0	\$0	50	\$0	50	\$0	\$0	\$0	\$0	\$0	\$0	0
	12 Retail Energy-Related Recoverable Costs (F) 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
	13 regal Demand-Palated Recoverable Costs (Lines 12 + 1)	3)	-	\$3,633	\$3,630	\$3,626	\$3,621	\$3,617	\$3,612	\$3,600	\$3,604	\$3,599	\$3,596	\$3,591	\$3,587	\$43,325
	id fritti frittiffirmin in international fritti fritti in in	-,	_	42,444	70,000											

Notes:

(A) AFUDC rate reflected within Docket 100134-EI per Order PSC-10-0604-PAA-EI.

(B) Line represents the Average Net Investment suctuding 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 Re. 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.

(F) Line 9a x Line 10

(G) Line 9b x Line 11

PROGRESS ENERGY FLORIDA

Environmental Cost Recovery Clause (ECRC)
Calculation of the Estimated / Actual Amount January 2612 through December 2612

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

Line	Description		Beginning Period Amo		Actual January 12	Actua February		Actual March 12		ctual of 12	Actual May 12		Actual uno 12	Estimated July 12	Eshmali Augusi		Estimated September 12	Estimated October 12	Estimati Hovembe		Estimated December 12
\$	investments			_					_	~			** ***	S 100,000	S 100.6	•••	S 100,000	\$ 100,000	* 000	.000	\$ 825,033
	a. Expenditures/Additions			1	5,735	\$ 12,	657	\$ 76,949	•	26,110 1	į 21 n	\$	16,504	* 100,000	a 100,1	~~	\$ 100,000 0	0.00,000		,	2.323,361
	b. Clearings to Plant c. Retrements						ň	ŏ		ñ	ă		Ď	ŏ		õ	ŏ	ŏ		ě	0
	d. Other (A)				ŏ		ō	ŏ		ē	ō		Ō	Ō		0	ō	0		٥	0
2	Plant-in-Service/Depreciation Base			٥	Ð		0	٥		٥	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			(3,195)
4	CWIP - Non-Interest Bearing	_	60,0		65,766		443	155,393		81,503	181,524		198.328	298,328	398.1 \$ 398.1		498,328 5 498,328	598,328 \$ 598,328	1,498 \$ 1,498		\$ 2,320,166
5	Net Investment (Lines 2 + 3 + 4)	-	\$ 80,0	51 ;	65,786	3 78,	443	\$ 1 <u>55,393</u>	\$ 1	81,503 1	181,524	1	198,326	\$ 298,328	3 390,	28	490,320	3 295,326	3 1,430	320	<u>3 2,320,100</u>
6 .	Average Net Investment				62,919	72.	115	115,918	1	68,448	181,513		189,926	248,328	348,	128	448,328	548,328	1,048	,328	1,909,247
7	Return on Average Net Investment (8)																		_		
		2.05%			155		177	288		414	447		467	811		157	1.103 2,998	1,349 3,666		.579 .008	4,597 12,7 66
	Equity Component Grossed Up For Taxes Other	1.02%			421 0	•	482 D	782 0		1,126 0	1,214		1,270	1,650 0	2,3	0	2,996	3,000		.50,5	14,199
					•		-	·													
8	Investment Expenses a. Depreciation (C) 3.30%				٥		٥	٥		0	٥		a	a		Ð	٥	0		٥	3,195
	b. Amortization				ă		ā	ŏ		ă	ō		Q	ō		٥	Q	0		0	Q
	c. Dismantlement				NA	NA		NA	4	WA.	NA		N/A	NA	NA		NA	NA	NA		NA
	d. Property Taxes (D) 0.010140				0		0	P		O	0		0	0		0	0	0		0	1,963
	e. Other			-	<u> </u>		Ç	<u> </u>		Q	<u>Q</u>					<u> </u>	<u></u>	<u>Q</u>		Ģ	
9	Total System Recoverable Expenses (Lines 7 + 8)				\$576	5	659	\$1,070		\$1,540	\$1,661		\$1,737	\$2,271	\$3,1	86	\$4,101	\$5,015	\$9.	588	\$22,621
	Recoverable Costs Allocated to Energy				0		0	6		0	0		0	0		0	0	9		0	0
	b. Recoverable Costs Allocated to Demand				\$576	\$	659	\$1,070		\$1,540	\$1,661		\$1,737	\$2,271	\$3,1	86	\$4,101	\$5,015	\$9.	588	\$22.621
1	0 Energy Jurisdictional Factor				NA	NA		N/A		WA .	N/A		NA	NA	N/A		N/A	NA	NA		NA
1	1 Demand Jurisdictional Factor - Production (Intermediate)				0.64519	0.64	519	0.64519	1	0.64519	0.44519		0.64519	0.64519	0.64	510	0.64519	0.64519	0.6-	4519	0.64519
	2 Retail Energy-Related Recoverable Costs (E)				0		0	0		0	0		9	٥		0	0	0		0	0
	3 Retail Demand-Related Recoverable Costs (F)			_	372		425	690		994	1.072		1,121	1,465	2.0		2,646	3.236		186	14,595
1	4 Total Jurisdictional Recoverable Costs (Lines 12 + 13)			_	\$372	\$	425	\$690		5994	\$1.072		\$1,121	\$1,465	\$2,0	56	\$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.
(D) Line 2 x rate x 1/12. Based on 2011 Effective Yax Rate on original cost.
(E) Line 9 x Line 10
(F) Line 90 x Line 11

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

Line	Description	Beginning of Penad 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 Panod Total
1	Investments a. Expenditures/Additions b. Cleanings to Plant		\$0 0	\$0 0	\$0 0	\$0 0	\$0 0	\$930 0	\$400,000 0	\$100,000 D	\$147,500 0	\$187.500 0	\$187,500 Q	\$187,500 0	\$1,250,930
	c. Retirements d. Other (A)	•	0	0	0	0	0	0	0	0	8	0	t o	0	
2	Plant-in-Service/Depreciation Base	٥	G	0	0	٥	0	0	0	٥	a	0	0	0	
3	Less: Accumulated Depreciation	0	0	0	Q	٥	Q	0	0	0	688,430	875.930	1,063,430	0 1,250,930	-
4	CVMP - Non-Inserest Bearing	0			0		- 0	930	400,930 \$400,930	500,930 \$500,930	\$688,430	\$875,930		\$1,250,930	
5	Not investment (Lines 2 + 3 + 4)				30				*****	4244.344		90 (N. 9 A	41,300,330	\$1,550.350	
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%	٥	٥	n	۵	0	,	494	1,109	1,463	1,924	2,386	2,847	10,224
		8.02%	ŏ	ō	ŏ	ŏ	ō	3	1,343	3,015	3,976	5,230	6,483	7,737	27,787
	c. Other		Ó	0	0	0	0	9	0	٥	0	0	0	0	0
8	Investment Expenses a. Depreciation (C) 2.50%			a	a	D	۵	٥	٥	0	٥	D	0	٥	٥
	b. Amortization		ŏ	ŏ	ŏ	ŏ	ŏ	Ō	ő	0	ō	ġ.	0	0	٥
	c. Dismanilement		N/A	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	N/A
	d. Property Taxes (D) 0.008310		0	Q.	٥	0	٥	0	0	0	0	0	0	0	0
	e. Other											<u>v</u>	X_		
	9 Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$4	\$1,837	\$4,124	\$5,4 39	\$7,154		\$10,584	\$38,011
	a. Recoverable Costs Allocated to Energy		0	0 £ 0	0	0	á So	\$	1,837	4,124 \$0	5,43 9 50	7,154 \$0	636,6 02	10,584 \$0	38,011 \$3
	b. Recoverable Costs Allocated to Demand		\$0	20	\$0	\$0	#0	\$0	\$0	\$u	30	20	***	*0	au au
	10 Energy Jurisdictional Factor 11 Demand Jurisdictional Factor		0.99120 N/A	0.99240 N/A	0.99560 N/A	0.99550 N/A	8.99520 N/A	5.99280 N/A	0.99480 N/A	0.9944Q N/A	0.99390 N/A	0.99370 N/A	0.99410 N/A	0.99490 N/A	
	12 Retail Energy-Related Recoverable Costs (E) 13 Retail Demand-Related Recoverable Costs (F)		0	0	0	8	0	4	1.427	4,101	5,406	7,109	8,817	10,530	37,794 0
	14 Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	so	so	\$0	\$0	, si	\$1,827	\$4,101	\$5,406	\$7,109	\$8,817	\$10,530	\$37,794
				<u></u> _											

Notes:
(A) N/A
(B) Line 5 x 10.98% x 1/12. Based on RDE 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-FDF-EL.
(C) 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)

		•	(1) Estimated/		(2) Amended	(3) Vanan	(4) ce
Line	-		 Actual		Projection	Amount	Percent
1	Descrip	stion of Investment Projects		_			4000
	3	Pipeline Integrity Management - Bartow/Anclote Pipeline-Intermediate	\$ 6	\$	0	\$ 6	100%
	4.1	Above Ground Tank Secondary Containment - Peaking	5,267		Q	5,267	100%
	4.2	Above Ground Tank Secondary Containment - Base	0		0	0	0%
	4.3	Above Ground Tank Secondary Containment - Intermediate	٥		. 0	0	0%
	5	SO2/NOx Emissions Allowances - Energy (A)	21,403,584		18,627,860	2,775,724	15%
	7.1	CAIR/CAMR Anclote- 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)	
	7.4	CAIR Crystal River AFUDC - Energy (A)	874,032		591,276	282,756	48%
	9	Sea Turtle - Coastal Street Lighting -Distribution	1,700		0	1,700	100%
	10.1	Linderground Storage Tanks-Base	0		0	0	0%
	10.2	Underground Storage Tanks-Intermediate	0		0	0	0%
	11	Modular Cooling Towers - Base	0		Đ	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		٥	1,250,930	100%
	17.1	Mercury & Air Toxic Standards (MATS) Anciole-Intermediate	 22,186,874		0	22,186,874	100%
2	Total in	vestment Projects - Capital Expenditures	\$ 71,091,412	\$	49,428,360	\$ 21,663,052	44%

(A) Working Capital

Form 42-9E

PROGRESS ENERGY FLORIDA

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

Progress Energy Florida Capital Structure and Cost Rates

Class of Capital		Retail Amount	Sta	offf Adjusted	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE .	5	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%
Total	\$	6,238,618	\$	6,302,27 8	100.00%		7.881%	10.976%

 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

For Propert: PSPELINE INTEGRITY MANAGEMENT - Addresses Road Force (Propert 3 to)

		Fac Play	pel PPELSE	#1EART 1	- Collecti							Enterated	Esterated	Period Total
	Bayrary of	فسفده	Actual Feb-12	Actual Mar-12	Actual Age-12	Actual May-12	Actual Jun 12	Enteredad 34-12	Aug-12	Sep-17	Oct-12	Nov-12	Dec-12	
O	Person Amount	Jan-12	7 42							٥	0			
<u> Сем Динацион</u>						۵		•		•	•		6	
1 inches		0	9	•		•	•		ě	•	•	i	•	
a. Expendita militablem		•	•	:	ĭ	•	•			•	•			
a Clearage in Plant		•	•	i	•	•	•	_		37,003	33,663	37,003	33,463 (7,441)	
4 Remarks		•	•	•		27/095	27 m2	33,662	37,963	(7.27%)	(7.332)	(7,367)	(r	
4 COM		33/405	33,462	22 445	33,863	(2,863)	(7.117)	(7.171)	(3,22 <u>6)</u> 0			24.564	24.512	
2 Plant-o-Senece/Deprecution Buse	33,163 (6,793)	(6,847)	(4,601)	(4.004)	(2,000)			24.702	24.728	20,474	24,429			
A transferred Designation	661.00				28.944	24.000	24.434	- A.O.			26,647	26,663	26,636	
a court - the interest Spiriti.	27,140	27,108	27.043	24,900			26,863	24,809	24,756	36,701	A ,			
6 Mel Investment (Loren 2 + 3 + 4)			27,079	27,826	24,671	26,917	A						16	762
		27,123	21 7214								•		177	2,163
& Average Half Severited						=	**	•	179	179	170	176	"4	•
		41	67	96		180	186	176	"	•	•	•		
	LINE	181	181	181	144	•	•	•	•					
b. Equity Component General Up For Team	LAST		•	•	•							\$4	H	***
c Other							44	M	54	• •	-		•	AMA
-			44	u	54	, u	7				, MA	NA.	NA 26	326
8 Investment Expenses 1.60%		, M	7	0	•			HA	NA	2	24	. 29		0
a. Deprezadent			MA	NIA	NA	78A	26	24	7	3		9		
à Americanos		· · · · · · · · · · · · · · · · · · ·	**	26	-	-	9					325	224	7830
Commissioned B. Mark 20		-		9				127	721	72	, 131		•	3 1929
d Property Court 6.5000.20 c. Other				329	326	128	121			32		326	324	
		330	336				32	32		. 22	_			
8 Total System Recoverable Expenses (Lines 7 + 6)			330	. 226	221	328	-							
8 Total System Costs Absolut to Everys 8 Reconstraint Costs Absolut to Demons		338												
- Commercial Contr. All Collect In Commercial								± 3.16d						

For Project: PSPELINE INTEGRITY MANAGEMENT - Propins Last Outschen (Project 3: 16) (m. Delicité)

				•						E - 1	Extended	the same of	Dec 12	Total
							Actual	Esterated	Extended Aut-12	Sep-12	Oct-12	Nov-17	000 12	1
		A. returned	Actual	Actual	Actual Act-12	Aubusi May-17	Apr-12	J& 12	A441-12	77.				
	Bujarany of	12	F	144-12	Agi-12								•	0
) and Department	Period Amount						_			0		•	•	
1.010				•	٥	•		Ĭ.		•		•	•	
1 Investments		•	•		ē	•	. :	Ä	•	•	•	•	•	
a. Eventhamiladana		•	:	ā	•	•	:	•	•	•			2,040,636	
b Chaptege to Flori		•		i	•	•	•			2,640,636	2,640,636	2,840,636	(727,631)	
g Padromyrin		•	•			2,641,636	2,640,636	2,640,636	2,640,635	(710,405)	(716,100)	(721.816)	4121,001)	
4 CBip		2,640,636	2,640,636	2,440,436	2,040,016	(007,504)	(863,306)	(exp(exp)	(704,747)	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1,910,720	1.013.006	
Community Series	2,640,636	(664,760)	(6/0,421)	(670,142)	1201.003	(1.036.800	1,030,100	1,921,447	1.01.1.01	1.21-2.2	
2 Plant in Sarvini Dograzzatus (Lans 3 Lans: Acquisidad Dograzzatus	(464,674)	1			10477	1.643.042	1.947.331	1.041.416				1,921,647	1,915,986	
4 CHEP - Non-Interest Bearing	1,961,667	1.975.936	1,0/0,215	1,004,404				1,544,471	1,936,760	1,833,026	1,627,306	.,		
6 jud impairmed (Liter 2 + 3 + 4)				1,067,365	1,961,634	1,866,813	1,000,102	1,000,00						57,412
		1,976,767	1,6/3,676	1,000						4,754	4,742	4,729	4,714 12,810	164,243
& Average Hat Inventored							4,780	4,764	4,770	12,026	12,000	12,645	12,510	•
			4,804	4,840	4.626	4.012 12,070	13,038	13,001	12,943		4		•	
2 Report on Average Not Investment. a. Chapt Component (Line 8 x 2 th/L x 1/12)	2.06%	4,868 13,231	13,162	13,164	13,116		•	•	•	•				
b. Equity Component Ground Up For Taxon	1.67%	122	•	•	•	•						8,721	6,721	68,662
F Sirah Comboners conserved.		_						6,721	6,721	£,721	3,721		•	***
s. Citrar				6,721	6,721	5,721	6,721		•	•		N/A	NA.	34,344
& Investment Expenses		6,721	6,721	b.100	•	•		N/A	NA	NA. 2.167	2,167	2,167	2,107	
a Degracelate 1.60%		•	***	NA	NA.	16A 2.187	2,107	2,187	2,187	2,107	-			
A Americana		7,167	2,167	2.187	2,10/	2,167							25,432	306,631
S. Ournerdannell		4.007							26,641	26,349	364,66	25,484	• •	
4. Priparity Laure					20.000	26,700	26,746	36,003		•	2	25,464	2442 L	XW.431
* Co-		24,007	26.854	26,802		•	26.146	20,005	26,841	26,546				
O Total System Recoverable Experient (Lines 7 + 8)		•	26,004	20,000	25,004	24,746	A .14						-	3 C :
Total System Recovered to Everyy Recoverable Costs Alexand to Everyy		24,007	20,000											Exhib
Recoverable Codes Advanted to Deserve														2.2
														~ ~ 1

For Project: PIPELINE INTEGRITY MANAGEMENT - Pipeline Controls Upgrade (Project 1 tc) (In Content)

<u>Lone</u> <u>I</u>	Description	Regiming of Period Amuses	Actual Jan-12	Actual Feb-12	Actual Mai-12	Aghad Apr-12	Actual May 12	Actual Jun-12	Estimated Jul 12	Estimated Aug-12	Estimated Say-12	Edituded Oct-12	Entracted Nov-12	Estimated Dec-12	End of Parted Total
1 inventuante s. Expenditures,// b. Cinerrega la Pa c. Heltramarts d. Other			g 0 0	4 0 0	0	0	4 D 0	6 0 8	9 6 8	0 0	4 6 6	0 0	9 9 9	6 0 0	q
2 Plant in Serveral 3 Lens. Accordate 4 CWP - Non-tribu 5 Nat Inventment (L	ni Deprecation ni Bourg	408 407 (85,372) (9) 824,034	909,467 (67,342) (6) 922,094	909,407 (89,312) (9) 829,094	900,407 (91,262) (0) 910,129	909,407 (93,262) (0) 616,154	909,407 (96,222) (93 814,184	909,407 (97,582) (91 812,214	909,407 (98,142) (9) 910,244	909.407 (101.132) (9) 904.274	909,407 (103,142) (0) 809,304	904,407 (106,072) (0) 604,334	809,407 (107,642) (0) 802,384	909,407 (109,612) (0)	
6 Average Had brown			673,040	621,079	619,109	817,138	815,100	813,199	811,229	109.250	807,280	006,310	803,340	801.329	
7 Return on Average a. Debt Compose b. Equity Compos c. Other	nd (Line d a 2 th h. x 1/12) and (Line d a 2 th h. x 1/12) and Gronned Up For Teases	2.95% 8.62%	2,025 5,503 0	2,020 5,406 9	2,015 6,477 6	2,010 5,464 8	2,438 5,460 0	2,001 5,437 . 0	1,646 5,424 S	1.991 5.411 0	1,006 5,306 0	1,981 5,386 0	1,970 6,371 0	1,972 5,368 0	23 879 66.166 0
8 (overbreef Expension 6. Depreciation 6. Ameritzation c. Demantisment 6. Property Takes 6. Other	2.40%	_	1,970 0 AWA 753	1,679 6 N/A 753	076,1 Q AMA 753 Q	1,970 , 0 NA 763	1,870 0 AM AM 253	1,976 6 N/A 753	1,970 0 NA 763 0	1,870 0 NWA 753 0	1,970 0 NMA 763	1,970 0 NA 753	1,970 0 H/A 753	1,970 0 NAA 753	23.44C 0 H/A 9.036
a. Recoverable Çu	overable Expenses (Lines 7 + 6) els Allocated to Energy nais Allocated to Dessarel	•	10,251 0 10,251	10,233 8 10,233	10,216 0 10,216	10,197 8 10,197	19.179 0 10.178	10,161 6 10,161	10,143 6 10,143	10, 126 0 10, 126	10, 107 G 10, 107	10,000	10,070 0 10,070	10,063	121,823 6 121,623

For Project: PSPELINE INTEGRITY MANAGEMENT - Control Recon Management (Project 3.1d) On Defensi

Line	Description	Beginning of Period Amoun	Actual 1 Jun-12	Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul 12	Extension Aug-12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Esterated Dec-12	End of Postod Total
	weeken/fa														
	Expension (Additions			0	•	0	•	0	0		6	0	4		
	Cingrings to Plant Patronages		•	9		0	•	0	•	•	0	o		ė	-
	Other		0			•	•	٥	•		•	٥	•	0	
•	· 		•	0	•	0			•	•	•	0	•	0	
2 P	hint-st-Service/Degraciation Sees	130,000	135,974	135.074	135,074	136,074	136,074	136 074	135 074	136 B74	135 074	***			
	ses: Accomistad Degraduation	(166		(964)	(1.341)	(1,724)	(2,107)	(2.490)	(2.073)			136,074	135,074	135,074	
4 0	WIP - Non-Interest Bearing	, ,,	, ,	''	(1,011)	11,124)	(2,007)	12.444)	(2.074)	(3.254)	(3,630)	(4,022)	(4,406)	(4.700)	
5 84	at investment (Lucas 2 + 3 + 4)	134,670	134,490	134,110	133,733	133,360	132,007	132,504	132,201	131,018	121,436	124 67 7	420 1170		
				100,710		147,447		14.4	142,201	135,010	131,439	131,052	130,640	130,286	
€ As	varage Nat Investment		134,446	134.306	133,625	133,642	133,150	132,776	132,343	132,016	131,627	131,244	130,461	139,478	
7 R	aken on Average hist Investment														
	Dabl Computant (Limit # 2 95% a 1/12)	2.96%	321	330	329	329	326	327	326	905	324				
	Equity Component Ground Up For Taxos	LEPS	601	100	865	843	890	944	24	326 863	960	323	122	321	3,915
•	Other											676	876	M/2	10,638
			•	•	-	-	•	•	•	•	•	•	u	0	
	ventenart Expenses														
	Depreciation 3.49%		363	341)	383	343	363	363	363	343	363	363	363	343	4,596
	Americanos		•			•	0	0	0	-			~		7,300
	Describerant		NA	NA	NA	N/A	NA	NA	NA	NA	WA	NIA	NIA	3WA	NIA
	Property Teams 0.000536		152	112	112	112	112	112	117	112	112	112	112	112	1,344
•	Other														0
9 To	olel System Responsable Expenses (Lines 7 + 8)		1,727	1,723	1,718	6,717	1,713	1,710	1,705	1,703					
-	Recoverable Code Allocated to Energy			1.745	, <u></u>	1,717	1,714	1,710	1,700	1,743	1,8 90 0	1,000	1,862	1,400	20,493
b.	Recoverable Ceuis Allocated to Destand		1.727	1,723	1,719	1,717	1,712	1,710	1,700	1,703	1.000	1,896	Q (,642	4.554	
	·			1,720	1.7.0	1,117	1,710	1.710	1,700	1.703	1,000	1,866	1,002	1.400	20,493

For Project: ABOVE GROUND TAINS SECONDARY CONTAINMENT - TURNER CTo (Project 4.1a) (bt.Onlers)

<u>Lme</u>	Desgraphen	Begave Percet A		Actual Feb-12	Actual Mar-12	Actual Apr-12	Actual May 12	Actual Jun 12	Estematus) Jul-12	Extended Aug-12	Esterated Sep-12	Esternated Oct-12	Estimated Nov-12	Enterestant Onc-12	End of Ponns Total
1 Invest	Phoritis .														
	pendoures/Additions			o	۵	Ó	٥						_	_	_
	unings to Plant		ā	ō	ă	ō	ī	ĭ		ŏ	Ä			•	•
	remark.			9		Ō	ō	ā	ě	ň	Ä	×	×	×	
d Other			•	•	٥	0	0		Õ	ě	ă	ě	ĕ	- 3	
2 Plant-s	n-Service/Depressition Base	2 08	5,500 2,066,500	2,000,500	2 064.599	2.086,540	2.066 599	2.006 549	2.066.500				_		
	Accumulated Depression		6,070) (163,202)	(100,326)	(173,448)	(170,571)	(183,004)	(100,017)		2,044,549	2,046,589	2,006,556	2,086,569	2,046,599	
4 CWIP	- Non-interest Begreng	•	,	,,	(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,,,,,,,,,	(man/man)	(1400.011)	{193,940}	(100,063)	(204,186)	(200,300)	(214,432)	(219,666)	
6 Net les	referent (Lane 2 + 3 + 4)	1,90	520 1,903,397	1,000,274	1,663,151	1,000,020	1,002,905	1,877,742	1,8/2,060	1,867,536	1,062,413	1,867,240		<u>_</u>	
					7,000,000		1,000,000		3,314,444	1,441,44	1,554,213	1,801,740	1,852,167	1,847,044	
€ Averag	pa Hali (nombroard		1,005,050	1,000,636	1,006,713	1,890,560	1,005,467	1,000,344	1,675,221	1,6/0,008	1,864,675	1,050,052	1,864,779	1,849,604	
7 Return	On Average Nat Investment	,													
a Deb	x Component (Lase E s. 2.95% x 1/12)	2.86%	4.600	4,677	4.004	4.951	4,439	4,620	4.814	4.601	4,500	4,570			
♦ Equ	sty Component General Lip For Taxas	8.82%	12,744	12,700	12.0/5	12,541	12,047	12,6/2	12,530	12,504	12,470	12,436	4.6 43 12.401	4,561	66,439
4. Oth	AT .		· ·	•	•	0	0	.2,3.2	0	12,000	12,450 D	12,430	12.401	12,367	150,463
& Irrenato	ROFE Experimen												-	•	•
a Dep	decision 2.98%		5,123	5,123	5.123	5,123	5.123	5,123			4				
b. Am	Dritzalion			-,-2-		9,123	5.1/3	3.123	5,123	5,123	6,123	5,123	5.123	5.123	61,478
	transferment		N/A	N/A	N/A	N/A	NA	N/A			9	0	0		e e
	party Taxon 8.012430		2.141	2,141	2,141	2,141	2,141	2,141	NA 2,141	N/A 2.141	N/A 2.141	NA 2,141	NA	N/A	HA
8 (Ma				-,		0,171	2,141	2,171	2,141	2.141	2,161	2.141	2.141	2,141	25.662
O Total C	ystem Recoverable Expenses (Lines 7 + 8)														
- ILLE	ymani naczystacja czyanaca (Lings / + 8) Protekla Costs Albertalist lo Ecuagy		24,897	24.060	24,403	24,565	24,510	24,462	24,416	24,348	24, 122	24,215	24,226	24,182	293,270
h Ber	overable Costs Allocated to Demand			•	•			0	4	•	.,		6		
			24,067	24,860	24,803	24,554	34.510	24.462	24.418	24,3 60	24,322	24,275	24,220	24,167	293,270

For Project: ABOVE GROUND TAME SECONDARY CONTAINMENT - BARTOW CTo (Project 4.1b)

Line	Description	Beginning of Period Amount	Actual Jun-12	Actual Feb 12	Actual Mai-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Entireptent Sep-12	Entropled Oct-12	Enternated Nov-12	Estmated Occ-12	End of Ported Total
	edmerás														
	Apondiures/Additions			4	8	۰	۰				•			_	
	Clearings to Plant Nationalism		•	0	0	•		ō	ŏ	i	ă		ă	ů,	9
4.0			9	•	•	9	•	0	0		ō	ē	ā	ŏ	
			•	•	•	0	•	٥	0		Ģ	0	Q.	0	
2 Plant	4-in-Service/Deplessation Base	1,473,801	1,473,601	1,473 801	1 473 401	1.473.001	1.473.801	1.473.801				_			
معيا 3	Accumulated Dependence	(115,671)	(115,356)	(123,041)	(120,726)	(130,411)	(134,096)	(137,701)	1.473,801 (141,4 06)	1,473,891 (145,151)	1,473 801	1,473 BO1	1,473,801	1,473,801	
1 CWI	P - Non-Internet George	(0)	. 0		0	(····································	, , , , , ,	(1.22.141)	1171,700)	(190,101)	(140,836)	{152.521}	(150.206)	(159.001)	
3 Met I	investment (il.mes 2 + 3 + 4)	1,350,130	1 354 445	1,350,700	1,347,075	1,341,390	1,339,706	1,336,020	1,332,336	1,124,660	1,324,965	1,321,200	1,317,596	1,313,910	
4 Aver	raçio Mini leventralmi		1,366,200	1.362,603	1,346,916	1,340,233	1,341,548	1.337,863	1,334,178	1,330,493	1,124,808	1,323,123	1,319,430	1,316,753	
7 Ratu	en on Averege Net koveniment														
	hebi Component (Lose & s. 2.95% s. 1/12)	2.95%	1.137	3,326	3.310	3.310	3,301	3.292	3,202	3,273					
	spoly Companied Ground Up For Taxos	4.62%	8,088	9,944	2010	8,994	£ 970	8.945	8,821	3,273 8,898	3,264 6,871	3.755 8.847	3.246	3,237	39.444
6. QI			0	•	•		0	9	~~.		2	0.007	4.022	8,797	107,194
a kwa	stwort Expenses										•	~	•	•	
# D:	Optionation 3,90%		3,845	3,665	3,886	3,005	3,686								
	Mortization				3,000		J. 98 5	3,646	3,646	3,005	3,646	3,985	3,005	3.846	44,220
	months and		NA	NIA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A Q	NA D	N/A	
4.0	roperty Taxon 6.010540		1,245	1,245	1,245	1,245	1,246	1,245	1,246	1,246	1,245	1,245	1.24b	N/A 1,245	NA 14,940
- ~		-			<u> </u>	1								0	
B Total	System Recoveration Experience (Lines 7 + 8)		17.336	17,302	17.264	17,234	17.201	17,107							
e Re	coverable Cosis Allocated to Energy		9				17.201	17.107	17,123	17,060	17.085	17.032	18,548	16,984	205,798
8 P4	ecoverable Costs Allocated to Demand		17.336	17,302	17,268	17,234	17.201	17,167	17,133	17,000	17,086	17,032	14,00E	16,064	262746

PROMISS and HOT FLUGISM.
Enthalmental Coal Receivey Disse of CRC;
Capital Program Daile Support - Approp 20 to Strongle Dissession 2014
Aport Glong Light Statistical Constitutional Projects 4: 1-43 Recept
Aport Glong Light Statistical Constitutional Projects 4: 1-43 Recept

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

Line	<u>Description</u>	Seymon Amount	Activat Jan-12	Actual Feb 12	Ackers May-12	Actived Apr-12	Actual May 12	Achus Jun-12	Estmated Job 12	Extending Aug-12	Estimated Say-17	Estimated Oct-12	Embousiesi Mos-12	Enhancied Onc-17	End of Paried Total
	siriorits.								_						<u> </u>
	spendikona/Additions		۵					•		_	_				
	herings to Physics offerences		ō	i	ě	ă	ă	8	ž	•	0	0	ō	G	0
4.0			•	Ó	ō	ē	· ·		ă	ĭ			9	Q	
k U			0	•	0	0	•	•	0	ă	7	ž	a .	•	
2 Plant	-in-Satvica/Depreciation Base								-	•	•	•	•	•	
3 Less	Accumulated Department	5.681.664 (365.460)	1,981,864	1,661.864	1,001,664	1.001,044	1,051,064	1,061,064	1,661,064	1.061.064	1,061,664	1.061.664	1,681 864	1,661,664	
4 CWI	P - Non-Interest Bearing	(300,444)	(404,588)	(413.737)	(422,870)	(432,614)	(441,164)	(450,793)	(468.432)	(460,571)	(477.710)	(486,846)	(405,005)	(506.12/)	
5 Had b	Fernicant (Lines 2 + 3 + 4)	1,200,206	1,267,006	1,247,427			0			. 0				0	
			1.497,000	1741,421	1,230 766	1,229,646	1,229,510	1211,371	1,202,232	1,193,003	1,183,864	1,174,616	1,146,676	1,154,537	
# Aver	aga Nel Invastment		1,261,636	5,252.48T	1,243,368	1,234,219	1,226,000	1,216,941	1,206,802	1,107,063	1,180,524	1,179,386	1.1/0.344	1,161,107	
7 Retu	m on Average Het Investment														
t. De	stit Component (Line 6 x 2 95% x 1/12)	2.56%	3,104	1.002	1 068										
b Eq	party Component Ground Lip For Tanan.	LA2%	6.436	6,374	4,313	3.037 8,252	3,014 8,191	2,942 8,130	2,989	2.947	2,924	2.902	2,679	2.867	35,766
6.0≡	New York Control of the Control of t			5.47	4,313	4.202	U. 191	8,130	4,069	4,000	7,947	7.000	7,824	7,763	87,193
			•	•	•	•	•	•	0		0	0	٠	0	
	Interil Experience														
	springer		0,130	0,130	0.130	0.130	8,130	8,130	9,139	1,139					
	rortszisse								4,	7,130	9,130	0,139	9,130	8,139	10k,aas
			N/A	NA	NA	NA	NA	NA	N/A	N/A	N/A	N/A		0	0
* Di			1,245	1,245	1.245	1,245	1,246	1,245	1.246	1.245	1,245	1.246	NA 1,245	N/A 1,245	NA
	-	-			<u> </u>				0				1,240	1,290	14,940
9 Total	System Recoverable Expenses (Lone 7 • 8)											· · · · · · · · · · · · · · · · · · ·		<u>-</u>	
s. Rec	contrible Costs Allocated to Energy		21,124	21,540	21,754	21.673	21,500	21,100	21,422	21,330	21,255	21,172	21,047	21.004	267.667
b. Re	coverable Code Alexaded to Designat		21.924	21,849	24 0	0			0	0	6		0		4
			21,824	21,860	21,754	21 873	21,540	21,508	21,422	21,239	21,256	21,172	21,087	21,004	25/.587

For Project: ABOVE GROUND TANK RECONDARY CONTAINMENT - AVDN PARK CTs (Project 4.1d) St. Dellaris

Litros	Description	Beginning of <u>Period Amesical</u>	Ach _{ed} Jan (2	Achuel Feb-12	Actual Man-12	Actual Apr-12	Actual May-12	Act _{ord} Jun-17	Estracted 3412	Entrated Aug 12	Estimated Sep-12	Estimated Oct-12	Estimated Nov-12	Estimated Out-12	End of Period Total
	enia ndikeree/Additions Mga to Phint		0		9		o	٥	•	0		0		0	0
c. Rains c. Other			9		0	0	0	0	. 0	5 9 6	0	0			•
3 Loos Ad 4 CWP - N	ServiceOoperistion Base Connectation Non-Interest Bearing	178,838 (38,345)	178.936 (38,861)	1/8,930 (38,777)	178,838 (40,463)	176,936 (41,200)	176.836 (41.825)	178,636 (42,661)	178,638 (43,367)	174,636 (44,073)	176,936 (44,786)	(76,936 (46,506)	176,936 (44,221)	(78,93g (46,93))	
	olment (Lines 2 + 3 + 4) Not investment	140,583		139 101	130,445	137,720	137.613	136.297	135,581	134,866	134,149	13747	132,717	112,001	
7 Return or	n Average Net Investment		140,235	130,510	136,803	130.007	137,371	136,866	136,939	136,223	134,507	133,701	133,076	132,300	
b. Equity c. Other	Component (Line 8 x 2 96% > 1/12) Component Grammal Lip For Taure	2.96% 6.62%	345 836 6	343 833 0	341 828 G	340 923 0	3.34 916 0	338 914 0	334 909 6	333 804 0	331 800 0	329 866	327 800	326 966	4,023 10,636
6 Impaine 4 Depre 6 Americ			710	716	716	710	714	718	716	118	716	716	716	716	8.542
C Disma G Proper Cities			N/A 133	NA 133	N/A 133	N/A 133	NA 208	NA 148	N/A 148	NIA 140	N/A 145	N/A 148	N/A 144	N/A 148	0 N/A 1,778
4. Rezove	iem Recoverable Expenses (Lines 7 + 6) Hibles Coale Affocaled to Energy erables Coale Affocaled to Oquerno		2,132 6 2,132	2,126 0 2,125	2,118 0 2,118	Z,112 0 2,112	2.140 0 2.140	2,114 0 2,114	2.107 0 2.107	2,101 0 2,101	2,094 8 2,094	2,000 0 2,000	2,001 6 2,001	2,076	25,327 0 25,327

PHOCHE SE CHE HOT FLOWING. Exvironmental Coal Reservey Clema (E CRC) Could Programs Swall Request - Jamesty 2012 Strongh December 2013 Almos Creamy Hank Servening Commissional Projects 6.1-4.3 Sampy

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - SAYBORG CTs (Project 4.1e)

<u>L pun</u>	Democrátyczki	Begaving of Period Amount	Actual Jan-12	Actual Feb-12	Actival Mar-12	Actual Apr-12	Actual May 12	Actual Jun-12	Estimated Jul-12	Estimated Aug-12	Emmand Sep-12	Estimated Oct-12	Estended Nov-12	Estemated Dec-12	End of Period Total
1 Investor	nerits emilies en/Additions					•	•		^					•	٥
	regs to Plant		ĭ	ï	:	·	:	ĭ	š		ĕ	ă	ĭ	ă	•
s: Pote	rements			•	•		•		é	ė	0	Q	ā	0	
4.000	•		•	•	•	•	•	•	•		•	0	•		
2 Plant in	-Service/Depreciation Sans	730,295	730,296	730,296	730,296	730.296	730,246	730.266	730,296	730,266	730,266	730,296	730,295	730,296	
	Acceptanted Depreciation	(80,420)	(91,246)	(83,072)	(94.898)	(98,724)	(99,550)	(100,376)	(102,302)	(104,029)	{105,054}	(107,000)	(100,500)	(111,332)	
	Hon-Interest Bearing	0				•									
E Nat Inve	oshmant (Linus 2 + 3 + 4)	640,876	639,040	637,223	436,397	433,5/1	631,745	620,010	626,043	826,267	624,441	622,815	620,766	618,963	
& Average	e Mel immediaturs		639,962	630,136	636,310	634,464	632,658	630,632	829,008	827,180	625,354	623,526	621,702	816,876	
	on Average Net Savestawat														
	t Component (Line 6 x 2 96% x 1/12) By Component Grosset Up For Yayan	2.16% 8.62%	1.675	1,570 4,267	1,566 4,254	1.541 4.242	1,567 4,230	1,552 4,218	1,548 4,206	1,543 4,193	1,630 4,181	1,834 4,100	1.630 4.167	1,626 4,145	16.600 50.541
c Otto		FIELD	4.27		1.231	124	4,230	1,218	1,240	4,193	9	1.100	4,197	4,145	90,341
	neré Experiens														
a Dear			1,826	1,826	1,626	1,626	1.826	1,026	1,826	1,620	1,826	1,626	1,426	1,626	21.912
h. Amo			.,	.,	1,020	1,044	1.42.0	1,44	,,220	1,020 Q	1,020	1,000	1.42	1,020	21.012
c. Dian	nardiernovii		MA	NIA	N/A	NA	N/A	N/A	N/A	NIA	NA	N/A	N/A	N/A	NIA
	only Tanas 8.818146		517	817	817	817	017	417	417	417	017	617	417	017	7,404
e. Othe											9	9			e.
@ Total Sy	ystem Recoverable Experies (Lines 7 + 6)		8,297	8,200	8,263	8,246	6,230	8,213	8,197	8,179	0.163	6,148	6,130	6.113 E	98,467
a. Reco	versite Costs Allocated to Energy				•	•			0	•	0	0	6	اه	0
b. Flace	overeide Costs Allocated to Damand		6,267	0.205	6.203	8.246	4,230	8.213	8,197	0,179	8,163	8,148	8,130	#.113 L	19.407

For Project: ABOVE GROUND TANK SECONDARY CONTAMMENT - SUMAMMEE CTo (Project 4.1f) (in Collect)

Linu	Description	Beginning Period Amo		Action Feb-12	Actual May-12	Actual Apr-12	Actual May-12	Actual aun 12	Estated d	Estimated Aug-12	Estimated Sep-12	Enternated Oct-12	Estimated Nov-12	Estimated Dec-12	End of Period Total
1 Invest	rime da														
e. Ex	spenderes/Additions			a		٥	٥		٥	0	0	۵	•		
	learings to Plant		i	ā	ě	ē	i	ě	ě	ě	ō	ă	ă	ă	•
	ditumente		•	•			•	P	0		0	٥	0	0	
₫. 04	her		•	•	•	•	•	•	9	•			6	0	
2 Plant.	-51-Service/Outrocation Rans	1,037.1	99 1,037,199	1.037 188	1,037,190	1,037,199	1,037,199	1,037,199	1.037.199	1,037,199	4 53 5 4 50	1.037.196	1,037,199	1.037,199	
	Acceptabled Degregation	(162,8		(150,512)	(101,364)	(164,218)	(187,000)	(169,920)	(1/2,/72)	(675,624)	1,037,198 (179,479)	(181, 126)	(184,180)	(187,032)	
	- Non-interest Bearing	1.00.0	0 1	,,,,,,,,,	,,	0		1	1114,112)	10,00,000	(110,410)	(141,444)	(,	(100,100)	
	rvestment (i,max 2 + 3 + 4)	864,3	91 801,530	878,647	975,836	972.943	6/0.131	967.279	994,427	961,575	864,723	455,971	853,019	a60,167	
8 Avera	nge Hat Investment		862,966	860,113	977.261	674,409	881,56F	946,706	805.863	863,001	860,149	857,297	854,445	861,583	
a De	m on Average Net Investment etil Component (Line 6 z 2.95%; z 1/12) puty Component Grunent Up For Tenes	2.96% 8.62%	2,172 8,004	2,166 6,846	2,150 6,006	2.151 5.840	2,144 6,627	2,137 5,000	2,130 5,780	2.123 5.770	2,11 6 5,751	2,108 5,732	2,102 6,713	2,045 5,894	25,602 60,585
4. Os	Per		6	•	•	0	٥		0			0	0	0	0
3 invest	iment Experience														
a. Ca	precision 3.39%		2.852	2,862	2,862	2,862	2,862	2,062	2,652	2,852	2.052	2,852	2,852	2 862	34,224
	norte ation		•		•	•	0		0	•	•	0	9	0	9
	omentoment Openly Yawa 9.000508		N/A	N/A	N/A	N/A	N/A	N/A	NIA	N/A	N/A	NA.	NA	NA	NKA
# DW			742	742 0	742	742	742	742	742	142	742 0	742	742	742 0	8,804
0.7-44										-					
	System Recoverable Expenses (Linus 7 + 8) coverable Costs Allocated to Enargy		11.670	11,644	F1,01E	11,561	11,585	11,530	11.513	11,487	11.461	11.436	11,400	11,383	130,316
	coverable Costs Allocated to Demand		11,870	11.644	11.648	11,501	11,566	11,636	11,512	11,447	11,461	11,436	11,409	11,383	139.315

PROCESS AN AGY ELOREIA.

Evaluation of Carl Bosonery Clean (ECRC)
Capital Programs Death Regularia - January 2012 Reveals December 2718
Abous Granus State Sevendary Contemporary (Projects 6.1 - 6.1 Secur)

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BoRARY CTs (Project 4.1g) in Bollets)

Lime	Description	Beginning of Period Amou		Actual Feb-12	Actual Mar-12	Actual Act-12	Actual May-12	Actual Jun-12	Esternatud Jul-12	Estimated Aug 12	Estimated Sep-12	Estimated Oct-12	Entimated Nov-12	Estimated Dec-12	Period Total
	larante gueralikatus/Additiona earsus ta Plant		(6,417) (6,417)	10,309 16,309	3.083 3.083	(1,708) (1,708)	(1) (1)	0	9	:	0		9	0	6,267
c. Ra d. Qti	derepairtik Leg		0	0	:	;	•	:	i	:	0	:	:	:	
3 Late.	in-Service/Depreciation Base Accumulated Depreciation	3.611.63 (163.05		3,616,528 (179,497)	3.618,611 (107,337)	1,614,905	3 418,904 (203,011) (0)	3,616,904 (210,848) (01	3.616,904 (216,666) (0)	3.610.904 (220.622) (01	3,616,994 (234,366) (01	3,614,904 (242,194) (0)	3,616,994 (260,033) (6)	3,416,604 (267,470) (0)	
	*- Nurs-Interest General receivers (Lines 2 + 3 + 4)	3,447,7	g) (0) 5 3,433,667	1,436,032	3,431,274	2.421.731	3,413,993	1,408,054	3.300,210	3,340,342	3,142,545	3,3/4,700	3 366 871	1,350,034	
€ Avera	ge Hel karadrand		3,440,671	3,434,784	3,433.463	3,426,503	3,417,812	3,400,974	3,402,137	3.304,300	3,346,463	3,378,626	3,370,766	3,362.662	
e. De	n on Average Net Inventment de Component (Line 6 x 2 95% x 1/12) puly Component Groused Up For Tusse her	2.05% 0.02%	9.466 23,006 0	6.451 22,944 B	8,448 22,966 0'	8.430 22,910 8	8,408 22,862 6	8,3M0 22,600 8	8.370 22.747 8	8.351 22.896 8	6.332 22.643 0	8,312 22,540 9	8,2W) 22,634 0	8,274 22,485 0	100,525 273,186 0
e De ls. An c. Du	precision 2.00% springeria 2.00% springeria		7,811 0 N/A 1,734	7,834 0 N/A 3,746	7,840 6 NA 3,748	7,637 0 NA 3,747	7,837 0 N/A 3,747	7,837 6 N/A 3,747	7,837 6 N/A 3,747	7,837 6 M/A 3,747	7.837 6 H/A 3,147	7,837 6 H/A 3,747	7,837 0 MA 3,747	7,837 0 N/A 3,747	94,018 0 NAA 44,350
s. De			43,016	42,998	42,894	42,424	42,946	49,774	42.801	42,436	42,560	42,486	42,416	42,343	b12,492
a Re	coverable Costs Allocated to Energy soverable Costs Allocated to Demand		43,015	47,996	47,994	0 42,624	42,645	42,774	0 42,701	42,630	42,560	42,446	Q 42,415	42,343 42,343	0 612,662

For Project: ABOVE GROUND TANK SECONDARY CONTABILENT - University of Floride (Project 4.1h) (in Delam)

<u>Line</u>	<u>Demorphon</u>	Beynning of Pared Amount	Actual Jan-12	Actual Fab-12	Actual May-12	Actual Apr-12	Actual May-12	Actual Jun-12	Estamatest Ad-12	Estimated Aug. 12	Enteredad Sep 12	Estended Oct-12	Hov 12	Extension Dec-12	End of Ported Total
1 investment e Expendi b. Chenny e. Referen d. Other	kuree/Additions is to Plant		0 4 0	0 0 0	0 0 0 0	0 0	0 0 0	0	0 0 9 8	0 5 8	0 0 0	0 0 0	9 9 9 0	0 0 0	o
3 Lote: Accu 4 CWIP - Nor	ruce/Depreciation Base mutation (Depreciation -Virturest Bearing und (Linus 2 + 3 + 4)	141.426 (42.990) (9) 90,444	141,436 (43,238) 0 pa,208	141,435 (43,462) 6 97,977	\$41,435 (43,886) 0 97,736	(41,436 (43,834) 0 87,500	141 436 (44.170) 0 07.284	141.436 (44.408) 0 07.028	141.436 (44.642) 0 96.792	141,436 (44,878) 9 96,564	141,436 [46,114] 0 99,370	141,435 (45,350) 0 96,084	(45,546) (45,546) 0 85,648	141,436 (46,822) 0 96,612	
6 Average Ne	il knygekment		96,170	98,000	97 964	97,616	97.302	87,148	86,910	06.474	96,438	96,702	86,986	\$6,730	
a. Dabi Co	overage Not Investment mponent (Line 6 a 2.65% s 1/12) amponent Grossed Up For Taxes	2.04% 8.02%	242 867 0	241 66.0 0	241 864 0	240 663 0	240 861 0	239 860 0	236 648 0	238 646 0	237 846 0	23 <i>1</i> 643 0	23s 642 0	236 840 0	2,466 7,786 0
8 investment : a. Deprece b. Amortes c. Dement d. Property e. Other	ition 2.00%, ition promi		238 9 NA 170	236 0 N/A 170	238 0 NA 170	236 B N/A 170	236 0 NA 170	230 0 N/A 170	236 0 AVA 170	238 G NA 170	236 D N/A 170	230 6 N/A 170	236 0 NA 170	236 0 N/A 1/0	268,5 0 AVA 040,5
9 Total System a. Recovers	ts Recoverable Expenses (Lines 7 + 8) this Costs Alecated to Energy able Costs Alecated to Demaral	•	1,305 0 1,305	1,303 0 1,303	1,301 d 1,301	1,290 G 1,290	1,297 G 1,297	1,296 0 1,296	1,292 0 1,292	1,290 0 1,240	1,200 G 1,206	1,296 0 1,296	1,294 0 1,294	1,282 0 1,282	15,522 0 16,522

For Propost: ABOVE GROUND TANK SECONDARY CONTAMMENT - Miggins (Project 4.14) (In Dollars)

1.006	Description		Segment of Period Amount	Actual Jun-12	Actual Feb 12	Actual Mar-12	Actual Apr 12	Actual May 12	Actual Jun-12	Extended Jul-12	Enterated Aug-12	Estimated Sup-12	Estimated Oct-12	Estimated Non-12	Fetendad	End of Period
	Politicanile.												00.12	1939-17	Dac-12	Tutal
	Expensitures/Additions			_												
	Security to Plant			9	0	9			٥	5			_	_		
	Papit gritagija				•		٥	•	0	ō		7	9	0	0	4
4.0	None .			•	•	B	0	•	0	Ď	ā	, ,	•		0	
				•	•		•	•		i				9	q	
2 Plant	T-m-Service/Department Seems									-	•	•	•	0	0	
3 Lunio	· Accumulated Depressable		304.966	364,000	304,944	394,966	394.948	394,968	364.068	304 966	304 058	394 988				
4 CWR	P - Non-Internal Seatons		(64,444)	(64,221)	(\$7,946)	(50,775)	(\$1,552)	(84, 329)	(65,106)	(06,463)	(66,660)	(70,437)	364 NGB	394,966	394.966	
5 Ned 1	Investment (Lines 2 + 3 + 4)		· <u>-</u>	<u> </u>		_ •		0		,,,	tan'anil	[70,437]	(72.214)	(73.891)	(76.744)	
		-	340,524	336,747	334,970	335,193	333,414	33),636	129,042	329,086	<u></u>			<u>-</u>		
4 4	rage Het Investigeers								44.04	<u>#3.000</u>	328.300	324,531	322,754	320,9/7	319,200	
•	-do Humanitaina			339,636	337,868	336,081	334,304	332,527	330,750	320,673						
7 5.4.	em on Average Hall Investment								J	24.073	327,198	376.410	323,042	321,005	320,000	
, ,	an ou said him mention															
	and Companied (Lens 8 x 2.00% x 1/12)	2.96%		636	631	427	822	•••								
e Q	quity Component Grossed Up For Taxes	4.02%		2.271	2.250	3,247	2.736	818	814	\$06	6Ca.	801	796	792	704	9,734
e u						4.477	2.7-45	2.223	2,211	2.200	2,160	2,176	2.164	2,152	7,140	26,468
				•	•	•	v	٥	9		6	6	۵		0, 1-4J	
B IIIving	almord Experient												•	_	•	•
	AMERICAN EAST.			1,777	1.777	1.777										
	morkzulon			`,.,,	1.17	3,117	1,373	1,777	1.733	1.777	1,777	1,777	1,777	1,111	van	
	en de ligações de la compania de la			NA	NA	N/A	0	9	٥	6	- 6			1,777	um	21,324
	reporty Testers 8.819148			334	334		HA	NA	MA	NA	NIA	N/A	NIA	NA.	0	•
A Ca	ther .				334	334	134	334	3.14	334	334	334	334	334	N/A	MA
			_					9			. 0		***	334	334	4,000
9 Total	System Recoverable Expenses (Linux ? + 0)			6,218	5,291											 _
a. He	COVERNED Coals Allocated to Engine			-2.4	U.241	à, 186	5,100	5,152	5,136	5.120	5.104	5,040	5,071		C	
* **	COVERNIA Courts Affordist to Consumo			4.218	5.201		. 0	0	0	0	6		2.07	6,066	5,036	41,637
				-214	0.241	ē. 186	5, 100	4,152	b.12g	5,520	6 104	5.000	sari	6,956		
												3.000	2.011	a,U36	5,038	61,037

For Project: ABOVE GROUND TANK SECONDARY CONTARMENT - CRYSTAL RIVER) 5-2 (Project 4.3) lin Dellega)

Long Description	Beginning of Period Amount	Activity Jun-12	Actual Feb-12	Actual Mar-12	Astroni Apr. 12	Achini May 12	Actual Jun 12	Estimates Jul 12	Estimates Aug. 12	Estimated Sep-12	Expension	Entropled	Estimated	Englad Parked
\$ leventromag										_ 34* {2	Oct 12	Nov-12	Dati-12	7oral
a. Experidence Addition		_												
b. Clearings to Plant			0	6	0	0	٥				_			
a Petrochuris			•	•	•	ò	ă			· ·	0	0	Ů	Q.
4. Cities		9	8	•			Ď	ă	·	· ·	9	9	0	
		ų.	•	6	•	8	ā	ă	7			0	0	
2 Plant-in-Service/Depreciation Base	33.062	13 000					_	•	•	•	•	0	•	
3 Lane. Accumulated Depression	(10.9%)	33,002	33.062	32.005	33.092	33,002	33,992	33,022	33,042	33,062	22.444			
4 CWP - Non-Internal Bearing	(include)	(11,007)	(31,1 0 0)	(11,301)	(11.403)	(11,506)	(11.692)	(11,709)	(11,011)	(11,913)	33,092	33,062	33,002	
6 Net Investment (Lines 2 4 3 + 4)	22,097	31.00		<u>•</u>	0		4	0	()	(11,013)	(12.016)	(12,117)	(12,219)	
		21,006	21,000	21,701	21,999	21,547	21,446	21 343	21,201	21,179	<u>-</u>			
E Average Net investment		22,048							1:491		21,077	20.076	20.8/3	
		22,046	21,944	21.842	21,740	21,636	21.534	21,434	21,332	** ***				
7 Return on Average Nat Investment									21,-42	21,230	21,126	21,026	20.924	
a. Deta Component (Less 8 a 2 86% a 1/12)	214%	54												
b Equity Component Ground Up For Taxon	6.42%	147		54	63	1-3	\$3	43	5.2					
c. Colour		147	147	146	145	145	141	143	743	12	62	52	61	633
		•		0	0				7.00	142	141	141	140	1,724
Immediment Expenses							•	•	•	D	•	0	•	
a. Depreciation 3.70%		102												
le Amerikanien c Ournerstaansel		-	102	102	102	102	102	102	102	102				
		N/A	N/A D			•	è			1112	(03	102	102	1,224
d. Property Taxon. 8,867998 s. Other		29	22	NA 23	N/A	NA	HVA	N/A	HA	N/A	0	9	•	0
s. upp			-44	4	22	22	74	22	22	727	N/A	NA	NA	NA
B Total System Recoverable Expenses (Linux 7 + 8)			<u>-</u>							- 4		22	22	264
n. Plactivistatio Coats Alectrical to Energy		125	325	324	***							P		
Recoverable Coals Allocated to Descript		-0	~~		322	322	321	326	319	316	21/	317	C-	
		326	326	324	322	322	0	0	0	•	***	,,,,,	316	3,845
						322	351	129	310	318	217	317	315	3445

PRODUCES ENERGY FLOWAR. Frankritened Coef Branchy Clamo (CCBC) Capital Programs Datal Support - January 2012 Strongs Dominion 2013 Above Gramar Land Society Consistence of Pringings 61 - 62 Strongs

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 4.5 5 (Project 4.2a) (in Italian)

Line	<u>Description</u>		igniving of Actual toti Amount Jan-12	Azluaj Fab-12	Actival 12 1412	Actual Age-12	Actual May 12	Actum Jun-12	Estimated Jul-12	Esterated Aug-12	Esterated Sep 12	Cot-12	Entrested Hov-12	Embraded Dec-12	End of Ported Total
	epitronija -														
	Expenditures/Additures Clowings to Plant		1		0	0	0	a	0	b	0	b		0	0
	CHARLES		9	•	0	۵	•	•	•	0	•	Ğ	ā	•	-
4.0					•	•	•		•	Þ	•	0		G.	
			•		9	0	Đ	Ð			•		•	٥	
2 Plan	nt-en-Service/Depressation Same		2,463,179 2,663,179	2,853,178	2,863,179	2.063.176	2,463,170	2,663,178	2,653,178	2,863,170	2,862,179	2,863,179			
	a: Accumulated Deprendighon		(204,863) (210,807		(222,026)	(228,630)	(234,583)	(240,527)	(246,471)	(262,416)	(354,360)	(264,303)	2,953,179	2,863,179	
	RP - Hun-Interest Busing		0 0	0	,,,,,,,	1	1237,((240,520)	1200,0111	(202,140)	(American)	(200,00)	(270.247)	(274.101)	
\$ 10ml	kreviknosi (Lmax 2 + 3 + 4)		2,648,316 2,642,377	2,636,426	2,630,464	2,624 540	2.618.598	2,612,852	2,004,708	2,600,764	2,504,620	2,549,876	2,502,912	2,575,990	
# Ave	rago Piul Javonimoni		2,045.344	2,439,400	2,633,456	2.427.512	2.621.568	2,015,024	2.609,666	2,603,736	2,547,792	2,501,848	2,586,804	2,579,600	
7 Flat.	um on Average Nel Investment														
a 0	Debt Component (Lose # x 2.95% x 1/12)	Z.86%	6,506	8.464	8.479	2.405	8.450	8 436	6.421	0.404	6.391	6,3/7			
	Equity Companent Ground Up For Taxes	4.62%	17.467		37,00E	17,568	17,528	17,489	17,440	17,408	17,300	17,330	6.362 17,290	6,344	77,136
e. C	Other			•	q	•						********	11,240	17,250	209,625
l ton	nationale Experience											-	-	•	•
	Depression 2,50%		5,944	5 944	5.044										
b A	Amerika alican		0,	0,544	D.004	5,044	0.644	5,044	5.044	5,944	5,944	5,944	5,944	5,844	71,326
s. D	Discrete Alleger and		N/A	NA	N/A	N/A °	N/A	N/A	N/A B	WA G			0		•
d P	Property Tames 8,867989		1.874		1,874	1,674	1,874	1.874	1,874	1,074	NA 1,874	N/A 1,874	NA	N/A	NA
• 0	Other C							1.0.7	0.070	1,014	1,674	1,674	1,8/4	1,674	22,400
9 Total	d System Recoverable Expenses (Linus 7 + 8)		****									<u>_</u>			
6 R4	accoverable Costs Allocated to Energy		22,013	31,960	31.906	31,861	31,796	31,742	31,000	31,633	21,670	31,925	31,470	31,418	340,577
4.8	Technicable Costs Alecated to Demand		25 013	31,980	9 31,906	31,861	31.798				0	Q	0	٥	0
			32013	31,980	21,900	41,861	31,790	31,742	31,666	21,633	31.576	31,125	31,470	31.418	340.577

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Ancieto (Project 4.3) (8) Quillets)

Line	Description		njiming of red Amueri	Actual Jan-12	Actional Fasts 12	Actual Mas-12	Achel Apr:12	Actual May-12	Activati Jun-12	Emand At 12	Estendad Aug-12	Enternated Sep-12	Estingled Oct-12	Enhanced Nov-12	Estended Do: 12	End of Pariod Total
1 Inves																
	HPARINE ON ANALONS			0		•		Ď	a							_
	herrige to Plant				ō	ō	ā	ě	ă	ā	ĭ	ă	ž	Ň	7	0 -
	कीर का _{म्या} केर			0	D		ō	Č	ě	ě	ō	ï	ž	ž	ž	
4 04	na:				0		0		۵	0	ō	ă	ă	ŏ	3	
ر استام د	in-Service/Depreciation Blane		290.297											-	_	
	Agranated Consecution		(34,006)	290,297	290 297	290,297	200,207	290.297	200.297	200,207	200,263	200,297	240,747	290,297	290,297	
	- Non-interest Course		(36.000)	(36,618)	(36.060)	(36,562)	[37,114]	(37.646)	[36,176]	(30,/10)	(30.342)	(39,774)	(40,305)	(40,838)	(41,370)	
	rventmert (Lines 2 + 3 + 4)		265,312	254,760						<u> </u>		0		- 0		
•					264,744	753,734	253, IM	252.662	262,120	251,546	261,054	259.524	249,962	249,440	240,020	
6 Avere	nge Mei Inventment			255,048	254,514	253,062	263,450	252,910	252,386	251.854	261,322	260,790	260,25e	240,726	249,194	
7 Retur	m on Average Hall Investment															
a De	abl Component (Law 6 x 2.95% x 1/12)	2.66%		62 7	626	825	824	622	621							
	ully Computer's Grossed Up For Taxes	A SIN		1,796	1,702	1,096	1,006	1,691	1.467	520 1,694	618	617	416	614	613	1.443
e Oi	har'				1,7CE	٠,		1,00	1.487	1.00	1,440	1,627	1.873	1,670	1,000	20,226
				_	•	•	•	•	•	•	•	•		•	•	0
	bmord Experimen															
	eproduce 2,30%			532	532	532	532	532	532	532	273	632	4.74		***	
	mortuzation,				•		. 7		~~~	~~	~~	632	532	532	532	6,384
	promption and			NA	N/A	AWA.	N/A	N/A	N/A	FWA	NKA	N/A	N/A	N/A	4	0
	openty Tanan 6.004318			201	201	201	201	201	301	70° 20 L	20:	201	201	707 201	N/A	NA
e. Cal	ter .									. 0	<u> </u>	-	-41	201	301	2,412
9 Total 5	System Recoverable Expenses (Lines 7 + 6)												-		<u>-</u>	
Res	Over able Costs Allocated to Energy			3,006	3,081	3,066	3,062	3.046	3,041	3,037	3,031	3,927	3,022	3.017	3,012	36,467
h Flo	COverable Code, Allocated to Demand			3.000	3,001	3.058			0	0	. 4	9	0	٠	0	~ o [
				3,000	2,001	3,050	3,062	3,048	3,941	3,037	3,031	3,027	3,022	3,017	3,012	

For Project: CAIR CTs - AVDN PARK (Project 7.3n) jim Doljeck)

Line	<u>Deso</u> casylicat	Beginning of Period Amusci	Actual Jun-12	Actual Fab-12	Actual Mar-12	Actual Ago-17	Actual May-12	Actual Art 12	Estenated At-12	Estimated Aug-12	Extended Say-12	Estimated Oct-12	Estended Nov-12	Entenated Day 12	Ported Total
1 100	eakmer da						•	a		0	ů.		8	•	0
	Examples and Additions		•	0	D		×	ā	ě	0	0	•		Ÿ	
	Clearings to Plant		•	0	Ų		7		•			0			
	Retrestatio		•	9 -	9		ž	Ā	i		٥	0	•	•	
			0	0	Q.	•	•	•	•	_					
•	Citiqui							161.754	181.754	181,754	161,754	161,754	161,754	161,754	
	and the second second second	101.754	161,754	181,754	161,754	101,754	161,754		(17,077)	(17,481)		(18,200)	(18,493)	{19,09 / }	
	ent-un-ServicialOups scanton Bent	(14,246)	(14,863)	(15,957)	(15,461)	(15,865)	(16,200)	(16,673)	(17,507)	,,	1,		0	0	
	es Accumulated Depresented	(11,210)	(. 0	0			- 9		144,273	143,000	143,466	143,041	142,667	
40	MP - Nun-interest Bearing	147,506	147,101	146,697	149,293	145,000	145 465	145,081	144,877	177418	1-1,7-1				
	d investment (Lines 2 + 3 + 4) erage hid investment		147,303	146,800	146,466	146,081	146.687	145.283	144,878	144,475	144,071	143,667	143,263	142,869	
										365	364	353	362	361	4,278
7 R4	gum on Average Net Investment Det Communication & 2 95% x 1/12) 2.9	***	342	361	360	350	356	367	350	(A)	962	961	258	965	11,540
			=	982	879	677	874	971	986	-		~;		0	
	Equity Component Grossed Up For Yaxes B.A. Other	•	•	•	•	•	0	0	•	•	•		•		
	_								484	404	404	404	404	404	4,845
	Decreasion 3.00%		404	404	404	404	404	401	404	~~				0	0
					0	0	0	0	-	N/A	NA	N/A	N/A	NA	NA
	Amorkanian		N/A	WA	NA	N/A	NA	HIA	N/A	134	134	134	134	134	1.608
	Demonstrated		134	134	134	134	134	134	134	134			0	. C	
	Property Taxon 8.000036 Clim	-			9.						1,865	1,662	1,845	1,844	22,374
			1,005	(,461	1,877	1,874	1,670	1.000	1,863	1,860	1,000	1,002			0
e To	old System Recoverable Expenses (Units 7 + 6)			·		•	0	٥	•			1,862	1,048	1,844	22.374
	Recoverable Code Allocated to Energy Recoverable Code Allocated to Demand		1,885	1,861	1,077	1,874	1,670	L add	1,863	1,850	1,000	1,000	1,444	.,	

For Project: CARLCTo - BARTOW (Project 7.3b) (in Dollath)

Line Dyscratos	Regimeng of Penad Amount	Actual Jan-12	Actual Feb-12	Actual Mm-12	Actual Apr-12	Actual May-12	Actual Jun-12	Esterated J-8-12	Entervated Aug-12	Estenated Sep 12	Extension Oct-12	Esternatural Nove-12	Enterneted Duc-12	Period Yetal
1 ierwestmonte a Expandifuree/Additions b: Cantrage to Peuri c: Relevanteda d: Other		0 0 0	•	0 0 4 0	0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 215,347	0 0 0 275.347	0 0 0 0 0	0 0 0 0 275,34 <i>i</i>	0 0 0 0 2/5,347	0 0 6 0 275,347	a
2 Paint-in-Service/Depreciation Bree 3 Lees. Acceptabled Depreciation 4 CVMP - Non-Interest Bearing 5 Nat Investment (Lines 2 + 3 + 4)	275,347 (29,001) 0 247,346	275,347 (28.448) 9 246,898	275.347 [28,815] 0 244.532	276.347 (29.182) 0 246.165	275,347 (29,549) 0 245,798	(29,916) 0 246,431	(30,283) 0 245,084	(30,660) 0 244,867	(31,017) 8 244,336	(31,364) 0 243,963	(31,751) 0 243,546	{32,110) 0 243,220	(37.486) 0 247.862	
Average Nat Investment Flature on Average Nat Investment Debt Component (Line 8 x 2.95% x 1/12)	2.95%	247,083	246,218 607	246,340 #0#	246,942 805	246,615 804 1,642	245,246 903 1,646	244,861 802 1,637	244.514 402 1,836	244,147 401 1,632	243,780 eou 1,630	243,413 549 1,628	243,048 500 1,625	2,235 (8,663
County Companient Grossed Up For Taines Cities Streetment Expension	e.ark	1,662 0 367	1,660 0 367	1.647 0 367	1,646 0 367	1,942 0 367	207	361	367	367	367	0 3#7 0	367 0	0 4.40e 6
a Copensatore 5.86% b Annoclasion c Dismonthisterii d Properly Taxes e. Other	<u>-</u>	8 233 0	0 NVA 0	233 0	233 0	N/A 233	7.77 7.77 7.77 7.77 7.77 7.77 7.77 7.7	N/A 233 Q	NAY 527	745 233 0	MA 233	N/A 223	233 2 2,823	2,706 0 34,008
9 Total System Recoverable Experimes (Lines 7 + 8) e Recoverable Coets Allocated to Energy b Recoverable Coets Allocated to Demand		2,860 0 2,860	2,667 0 2,667	2,863 0 2,863	2,860 G 2,866	2,846 0 2,646	2,843 8 2,843	2,630 0 2,630	2,457 0 2,437	2,633 8 2,633	2,430 6 2,430	2,827 2,827	2,623	34,044

PROGRESS ESERGY FLORIDS
Environmental Const Recovery Claims (ECRC)
Combal Programs Shells Report - January 2012 Bringh December 2012
Codff Clip Straight 2 J Basely

For Project: CAR CTo - RAYBORO (Project 7.3c) (in Dollars)

	Bayinning o Payod Amus		Activati Feb-12	Arteni Mar-12	Actual Apr-12	Actual May-12	Actual Jun-12	Extension 34-12	Extended Aug-12	Estimated Sep-12	Estimated Oct-12	Estanded Nov-12	Dec-12	Period Total
Live Description												_	_	0
1 Inventourie		_			٠		•	0	•	•	0			•
p. Expenditored/Additions			ĭ	ā	ě	0					ž			
b Clearings to Plant		ž		ě		•	•	9		:	ă	i i	0	
g. Repersorin		ž.	ĭ			•	•	•	v	•	•	•		
4. Other		•	_						196,666	198,986	198,988	100,000	106,998	
_	198.9	an 196,988	198 988	196,966	198,986	196,900	190,000	198 946 (22,860)	(23,271)	(23,052)	(24,633)	(24,414)	(24,796)	
2 Plant in-Service/Deprecation Base	(20.2		(20,006)	(21,300)	(21,747)	(22, 128)	(22,500)	,	8	(,	9.	0	0	
3 Lune. Accumulated Depression	,						176,479	179,040	175,717	176,336	174,800	174,574	174,193	
4 CWP - Non-Internal Bearing	176,7	95 1/9,364	170,003	177,622	177,241	178,000	1/0,9/0		7.416.27					
5 had hoved-mind (Lorus 2 + 3 + 4) 6 Augusgo Ned Investment		174,676	176,104	177,813	177,432	177,061	176,670	176,269	175,998	175,527	175, 148	174,705	174,364	
											431	430	429	5,211
7 Return on Average Not Investment		436	438	437	437	434	436	434	433	432 1,174	1,171	1,169	1,195	14, 160
a Oubl Commonent (Line 6 x 2.85% x 1/12)	2.86%	1,194	1.101	1,100	1,188	1,164	1,181	1,178	1,170	1.174	(,1/1		.,	0
b. Equity Component Greened Up For Taxon	0.02%	1,100			0		•	•	•	•	•	-	· ·	
c Other		•	•	-										
									381	381	381	361	361	4,572
8 investment Experience		361	381	361	381	361	301	301			•		0	G C
a Depreciation 2.36%					٥	•	M/A	NA U	N/A	NA .	N/A	NA	HIA	NA
b. Amortenion		NA	MA	NA.	NIA	NA	166	168	105	106	146	108	100	2,016
c. Demonthment d. Property Taxon 8.819146		168	166	160	198	-			0					<u></u>
a Other			6		B	<u></u>	-						2,144	25,959
4 000				2.176	2,172	2,169	2,186	2,162	2,168	2,166	2,161	2,148 û	2,144	
9 Total System Recoverable Expenses (Lines 7 •	· N)	2,162	2,176 0	4,174	2,112	-,			•	0	2,161	2,140	2,144	25,959
Recoverable Costs Allocated to Energy Recoverable Costs Allocated to Demand		2,187	2,178	2,175	2,172	2,100	2,166	2,142	2,186	2,156	2,181	2.1-		

For Project: CAIR CTs - Dollary (Project 7:24) (in Bollari)

Line Description		Regioning of errod America	Actual Jan-12	Actual Feb-12	Actual Mar-12	Actual Apri-12	Actual May-12	Actual Jun-12	Enterested 34-12	Estimatest Aug 12	Estimated Sep-12	Enterrated Oct-12	Enterested Nov-12	Esterated Day 12	Period Total
1 investments				_			6	٥	0	•	0	0	٥	9	9
a Especializati/Additions			9	0		ï	ã	ě		•	•	•		ž	
b. Clearings to Plant.			e e			i i			0	•	•			Ä	
c. Relicements					ž	ĭ	ē		•	•	•	0	•	•	
d. Other			0 47,667	9 87,867	a7.067	67.667	67,967	57,967	87,667	47,967	67,667 {13,692}	97,947 (13,021)	87,467 (14,040)	87 847 (14,268)	
2 (Hent-in-Service/Depreciation Base)		0/,067 (11,631)	(14,860)	[12,000]	(12,200)	(12,507)	(12,726)	(12,946)	(13,164)	(13,363)	(13,442)	(10,000.4)	(,,,,,,,,,		
3 Louis Appareclated Depressment		(0)	,,,,,		0	9	0				74,006	73,846	73,627	73,498	
4 CMP - Non-Interest Searing		70,034	75,817	75,564	75,379	75,140	74,941	14,722	74,503	74,764	/1/99	14.4.4			
5 Not Investment (Lines 2 + 3 + 4) 4 Average had Investment	-	19,59	75,426	75,797	75,480	75,260	75,060	74,835	74,612	74,363	74,174	73,866	73,734	73.617	
7 Return on Average Net Investment				•			106	184	184	163	182	162	181	181	2,206
a. Code Component (Line 8 x 2 86% 4 1/12)	2.05%		167	166	186	185 503	502	100	490	467	464	404	463	462	6, 06 6
b Equity Component Ground Up For Taxon 6. Other	8.62%		506	60E 0	0	-	-	0	0	•	•	•	٩	9	•
8 Investment Experient a Degraciation 3.00%			210	210	210	219	218	210	216	219	210	210 Q	219 6	219 0	2,620
h Assorbanion			•	•		N/A	N/A	N/A	N/A	NA	MA	NA	N/A	N/A	NA 1,082
a. Dismontherniant			PMA.	NA	NA	91			81	91	91	91	91	Wit .	1,002
d Property Tenan 6.012436		_	91 	91								<u>e</u>			11,921
9 Total System Recoverable Expenses (Lines 7 + 1	1)		1,005	1,002	1,001 0	908	907 D	994	993 - EMB	990	984 0 188	906 0 000	<u></u>	963	11.921
a. Recoverable Costs Allocated to Energy b. Recoverable Costs Allocated to Detrained			1,006	1.002	1,001	900	100	994	-	740	-				

For Project: CAIR CTo - HIGGINS (Project 7.3e)

Lum	Quacinton		Sapterny of Period Amount	Actual Jan-12	Actual Feb-12	Actual Mar-12	Achus Au-17	Actual May-12	Actual Jun-12	Estimated Jul 12	Extrasted Aug-12	Estended Sep-12	Estimated On-12	Estunated Nov-12	Esternated One-12	End of Period Yold
1 Inggan	eris militros/Additions			0	0				۰	۰		•	۰		0	۰
	steps to Physi			ō	•			a		٥		٥	•	•	0	
& Flyde				e	•	•	•	•	0	•	•	•	•	•	•	
d. Othe	•			6		•	•	•		•	•	•	6	•	•	
2 Plant-in	-ServiniCerrecution Base		347,198	347,100	347,195	347,198	347,198	347,195	347.108	347,196	347.108	347,198	347,190	347, 168	347,198	
3 Lune: /	Accumulated Departmenton		(26,769)	(27.000)	(20,447)	(20,285)	(30,125)	(30,984)	(31,803)	(37,642)	(33,401)	(34, 320)	(36.169)	(36,900)	(34,437)	
4 CMP -	Non-Internal Bearing		`		Q.											
S Nat Inv	ustment (Linus 2 + 3 + 4)		320,429	319,590	310,751	317,012	317,073	316.234	\$15,394	314,564	313.717	312,878	312,039	311,200	310,361	
6 Avenue	s Nat treesjaners			330,000	518,176	214,331	317,492	210,063	315,814	314,975	314,136	313,207	312,460	311,619	310,780	
7 Return	on Average Nel Investment															
	Component (Line 8 x 2 95% x 1/12)	2.85%		707	786	783	781	779	กเ	774	773	771	799	767	766	0,312
	ty Component Grossed Up For Takes	8.62%		2 140	2,134	2,120	2,123	2,117	2,112	2,100	2,100	2,006	2.089	2,084	2,079	25,300
€ Othe				•	0	•	9	•	•	•	0	•	٥	0	•	٥
& December	eri Espanese															
4 Dept				639	836	636	839	830	830	839	838	839	836	839	839	10,088
h. Ama				•	0			•	•			•	•	0	•	0
E. Dierr	and a second			NIA	NA	NA	PVA.	NIA	NA	NA	NA	NIA	WA	NIA	MA	NA
d Prop	ently Famou 6.010100			202	293	793	293	293	293	293	263	263	243	293	26/3	3,516
# C##				<u></u>							<u>_</u>	<u> </u>	<u></u>			
9 Total S	jetom Recoverable Experies (Lines 7 + 6	4		4.050	4.051	4,043	4.038	4,028	4,021	4,013	4,005	3.995	3,990	3,663	3.975	44.202
	verable Costs Allocated in Energy	•			0			0		0	Đ	6	•	0	4	٥
	remitte Couls Allocated to Comuni			4,060	4.061	4,043	4,039	4,026	4,021	4,013	4,005	3.000	3.940	3,963	3,975	44,202

For Project: CAR CTo - INTERCESSION CITY (Project 7.2f)

Line	<u> Dimeriston</u>	Penod Ass		Actual Fab-12	Actual May-12	Artest Age-12	Actual May-12	Actual Am 12	Estimated Ad-(2	Aug-12	Extended Sep-12	Estimated Sci-12	Entervalved Nov-12	Estamentari Dec-12	End of Period Total
1 kwas	olimente -														
a. E.	provide and Addenius		0	0	0	0		0	0	9	0			0	0
	Journal to Plant		ě	ő	Ď		ō	•	•		0		0	0	
	atronists.					0	0	۰	0	0		5	0		
4.0	Ever .		•	0	•	•	•	0	•	0	0	0	0	9	
2 Plant	-a-Service/Degrecation Bare	346	,583 349,683	349,563	349,583	349,563	349,583	349,583	349,583	349,583	349,543	349.583	349,543	349,563	
3 Lees	Accumulated Degreeation	(M	(347) (36,134)	(39,821)	(40,706)	(41,495)	(42,202)	(43,000)	(43,854)	(44,643)	(45.430)	(48,217)	(47,004)	(47,791)	
4 CYME	P - Hon-Internal Souths	•	0 5	•		•	Ď						0		
6 Hall b	nvestment (Linux 2 + 3 + 4)	311	237 310,459	304,643	300,674	306,006	30/,307	304.518	305,720	304,941	304, 154	303,347	302,580	301,793	
@ Avera	age Nei investment		310,843	310,068	300,200	360,442	307.896	306,900	308,121	306,334	304.647	303,700	302,873	302,186	
7 Retur	nt on Average Net Investment														
		2.86%	765	763	741	750	757	766	763	761	740	747	745	743	8,048
A Ec	guilty Component Greenest Us For Taxes	LETE	2,078	2,073	2,000	2.043	2.057	2,862	2,047	2,042	2,036	2,631	2,026	2,020	24,590
s O	ther		•		4	•	0	0	•	0	•	•	q	•	•
ê Inves	strated Extratage														
a D	apreciation 2,79%		787	767	787	747	767	787	767	787	707	787	767	787	8,444
h. Ar	المتأمية المبرة		8					0	•	•	•	•	•	9	
G. Dav	nanaffiniary		NIA	NA	N/A	N/A	NA	NIA	N/A	MA.	NA	NIA	NA	NA	NA
4.0	ropesty Taries 0.000000		242	202	242	262	262	262	362	262	242	242	262	242	3,144
e. CI	ther			<u> </u>	9							0			
9 Total	System Personnable Expenses (Lines 7 + 8)		3,802	3,206	3,078	3,871	3,463	3,866	3,849	3.842	3,634	3,427	3,820	3,812	46,226
a. Re	coverable Costs Alexandria to Every		6	•	a		0			p		0		٥	0
a. Re	ecoverable Costs Allocated to Demand		3.892	1,006	3.878	3,871	3,863	3,866	3,048	3,842	3,834	3,027	3,626	3,812 [_	49,229 (

End of

For Propert; CAIR CTs - TURNER (Project 7.3g) (in Dollars)

•		Regenting of	- Actual Jan-12	Actual Feb-12	Actual Mm-12	Activel Apr-12	Actual May-12	Actual Jun-12	E-medical 3-6-12	Extension Aug-12	Extended Sep-12	Expended Oct-12	Extended Nov-12	Esteroled Dec-12	Pariod Yotal
Lave	Description .	Period Amount	JB7 16									_			a
								٥	0	٥	9	•	ŭ	ŏ	
\$ Investor			0	•		ž		ŏ		•	0		Ĭ.	ė	
	ndha esificialism			0	•	ž			•	•	•		ī	•	
	erge to Pterf.		•	a	0	ŭ	i i				•	•	•	_	
c Rollin			•		•	Þ	•						134,912	134,012	
4 Q8-4	•						134,012	134.012	134,012	134,012	134,012	134.012		[12,501]	
		134,012	134,012	134 012	134,012	134,012		(11,707)		(12,046)	[12,100]	(15,323)	(12,457)	(12,027)	
2 Plant #	Service/Depression Rate	(10,963)	(11,117)	(11,251)	(11,346)	(11,510)	{11.0531	,,,,,,,,		. 0	0		<u> </u>	121,421	
3 Lane: A	Accumulated Depressions	(10/200)	,			•		122,225	122 091	121,967	(21,423	121,486	121,565	181.361	
4 CWIP -	Han-Interest Scoreng	123,029	122,005	122,791	172,627	122,463	122,350	18244				-			
5 Not live	episonet (Lines 2 + 3 + 4)	123,028	164						122,168	122,024	121,000	121,758	121,622	121.488	
=	·		122,962	122,820	127,094	122,569	122,426	122,292	1,22, 100		•				
6 Average	e Mat Investment		122.000												2416
	V								201	300	300	309	246	200	3,610
7.0-	on Average Net Investment			303	30.7	302	301	301	301	816		814	613	612	9,806
((1000)	Component (Less 6 a 2 95% x 1/12)	r. 96%	303	121	820	818	019	818	617	•••			•	٥	0
	my Component Grossmi Lip For Taxon	1.62%	622	-		V.I.	2	0	•	•	•	-			
			•			•									
s. Diffe											134	134	134	134	1,804
					***	134	134	134	134	134	,,,				9
	mari Experienti 1,30%		134	134	134		0	6	0	•	N/A	N/A	NA	N/A	NA
				. •		N/A	NA	NA	HA	NA.		139	139	139	1,460
	onization.		NA	MA	N/A		139	139	130	139	130	1		2_	
g. OW	marificational		139	138	130										
d. Pro												1,367	1,385	1,384	16,802
a. Oth						1,394	1,303	1,362	1,301	1,300	1,386	1,347		0	6
			1,396	1,398	1,305	1.454		0	0	•		1,367	1,346	1,384	10,692
B Tatal S	System Recoverable Expenses (Lines 7 + 6)		0			1,304	1,383	1,302	1,391	1,386	1,386	1,307	.,-		
a Red	percebia Costa Allocaled to Energy		(,398	1,366	1,306	1,384	1,000	.,							
a. Res	coverable Costs Allocated to Centeral														

For Project: CAIR CTs - SUMANNES (Project 7.3h) (in Deleth)

	Segment of Particl Amount	Actual Jan-12	Actual Fab 12	Actual Man-12	Actual Apr-12	Actual May-12	المبحد <u>12 - اعط</u>	Estension Ad-12	Esterated Aug-12	Estimated Sep-12	Entiredad Oct-17	Enterprised Nove 12	Duc-12	Period Total
Line Description									_	_	•	۰	۰	G
1 investments			_		۵	•	•	0	•		ï	ŏ	•	
a Expenditures/Additions		0			ō	0	•	0			ŏ	9	0	
b. Charrege to Plant		•	ž	i	0	•				Ā	i		•	
Salayanah		•	×		ē	P	۰	•		•	_			
4 Cities			•	•					381 560	301,500	381,560	361,540	381,560	
		381,569	381.560	301,549	361,580	341,540	361,540	381,560	(20,030)	(28,451)	(29,664)	(30,277)	(30,690)	
2 Plant-in-Service/Depreciation Buse	361.569	(26,147)	(26,560)	(26,673)	(21,306)	(27,790)	(25,212)	(20,625)	(24,000)	B		0_	0	
3 Lane Accomplished Communication	(26,734)	(201,147) O		•				362,936	362,522	362,108	351,944	361,283	360,876	
4 CMP - Non-Interest Bearing	366,626	365,413	365,000	354,587	354,174	353,791	Z1348							
S that investment (Linux 2 + 3 + 4)		356,619	366,208	364.783	364,360	363,967	363,564	363.141	362,728	362.315	361,902	351,466	36 (,076	
4 Average hist investment										_		405	864	10,434
					972	671	670	200	868 2,368	867	996	2,360	2,347	29,350
7 Return on Average had Investment a. Debt Component (Line 6 x 2 95% x 1/12) 2.95%		8.75	974	673 2,372	2,360	2.167	2.364	2,361	2,368	2,356	2,363	2,440	-,	
b. Equity Component Grouned Up For Types 8.62%		2,278	2,316	2,3/2	4			•	0	•	•	•		
c Other			0	ų.	•	-								
e Unio										413	413	413	413	4,956
\$ investment Expunses			413	413	413	413	413	413	413	413	7.0	0	•	0
a Department 1.30%		413	713	7.0		٥	٥	0	NA AM	NA.	NVA	N/A	HIA	AVE
h. Americanica		N/A	NA.	NA .	MA	NA	NIA	WA 273	273	273	273	273	2/3	3,274
c. Comerciament		273	2/3	273	273	512	513	210	0.0		0			<u></u>
d Property Tours 4.000000			. 0				×						3,867	47,016
e. COM	-					3,924	3,930	3,918	3,912	3,909	3,905	3,901		,
		3,939	3,935	1,925	3,827			0			3 206	3,901	3.007	47.015
9 Total System Recoverable Expenses (Lines 7 + 8) a Recoverable Costs Allocated to Energy b Recoverable Costs Allocated to Demand		7,63 6	3,636	3,931	3,927	2,624	2,920	3,916	3,912	3,900	3,906	3. .		

For Project, CASE Crystal Report AFUGG - Access Read and Validate Service System (Project 7.4a) Sn Delices

	Haganery of	Actual Jon 12	Ardeni Feb 12	Actual May 12	Actual Age 12	Actual, May 12	Activel Art-17	Esterated Ad-13	Estroyand Aver 12	540-12	Cot-12	Enterested Nor-12	Date 12	Federal
Line Unicophis	Passal Amend	1,724	5,330	(501)	4.871	206,296	4,516 4,519	60,440 60,660	100,000	100,000 100,000	6	:	•	479,528
p. Expanditure/Additions b. Classings to Plant		1,724	6,336	(301)	6,6?) 0	206,286 0		•	:	:	:	:	÷	
c. Retrievents d. Color 2 Plant in Service/Organization Base	17,500,440 (1,332,241)	17,594,223 (1,364,237)	17,569,581 (1,374,736)	17.509,060 (1.308,236)	17,603,831 (1,420,240)	15,610,218 (1,642,603)	17.615,027 (1,464,272)	17 865 027 {1,467,103}	17,666,027 (1,568,680)	18.1005,027 (1,532,140) g	10.006,027 (1.044,121) 0	10.044,021 (1.517,302)	10,045,027 (1,045,023) 0	
3 Laus Accountains Depression	(1,322,244)	(1,2,1,1)	0_		19,103,001	16.367.715	16,319,216	14,3/1,494	19,436,498	14,532,667	14,510,304	19.497,725	14,445,144	
4 CWSP - Man-Internal Benerry 5 Hest Incombined (Lines 2 + 3 + 4)	18,754,754	14.279.006	16.223,325 14.231,466	16,212,075	10, (12,254	16,275,793	16,340.005	18,384,089	16,416,094	18,494,178	10.621,667	16.499,210	16,478,436	
S Average Net Investment Platen on Average Net Investment a Date Component (Jun 6 x 2 M/h x 5/12) Equity Component Greenet Ny For Taxes	2 66% 8.00%	39,673	30,636 198,538	39.867 109,397	39,636 166,264 0	40,043 108,622 6	40.748 160,379 B	40,261 109,413 8	40.390 100,766 6	40,581 116,763 S	40,545 \10,400 B	40,583 110,318 8	40,53F 110,164 0	482,934 1,312,427 0
c. Other B proceedings Experients a Deprecedings A monitorings c Department d Programy Totals a Basicopt		21,993 G SMA 11,554	21,660 8 MA 11,567	21 806 B NA 11,567	22,006 0 N/A 11,140	22,203 6 14A 11,006	22.348 B NA 11,646 B	22,331 9 96A 11,731	22,444 8 NA. 11,787	22,561 Q NUA 51,863 O	22,581 8 NA 11,865 6	22,581 0 MA 11,863 0	22,581 0 90A 11,863 d	367,636 6 HAA 140,602
Property Insurance Other Total System Recoverable Expenses (Lines 7 * 8) Recoverable Costs Alterated to Emery Recoverable Costs Alterated to Emery		182,151 B 182,151	142,010	161,840 8 181,840	101,067 6 101,007	162,623	163,595 8 (63,696	183,736 8 163,749	184,406 B 184,406	186,338 0 185,308	185,558 0 185,558	186,352 8 186,352	196,146 8 196,146	9 1

For Project: CASE Crystal River AFUDC - UNIT 4 LISBAN (Project 7.86) Un Delical

														Eres of
•	<u>Bayrreng</u> di	Actual	Leanning	Aceus	Actual Aur-12	Actual May-12	Actual Jun-12	Enternatural July 12	Estructed Aug-17	Bay 12	Ctd-12	Entracted Hoy-12	Dec 12	Total
Line Description	Percel Associate	<u>100-12</u>	<u>F⇒12</u>	Mar-12	4.12	77.11								
Line Description													a	•
1 Investments							0 .	•	:		•		•	
a ExpenditmentAdditions		:		ĭ		9	•	•	:	ì	•	•		
b Cleanings to Plant			i	•	•	•	•	:		Ĩ	•		•	
g. Reductionally			ā	•	•	•	•	•	•					
4. Other		•					12,314,383	12,374,343	12,3/4.363	12,374,363	12,374,363	17.374,363	12.374.363	
	12,374,383	12,374,363	12,374,363	12,374,383	17,374,363	12,374,363 (866,297)	[1,941,973]	(1,036,067)	(1,002,637)	(1,886,417)	(1,114,187)	(1,139.977)	(1.106,757)	
2 Plant-in-Service/Depreciation Base	(866,307)	[862,177]	(180,100)	(453,737)	(866,517)	(9)	(0)	(9)				19	10,200,429	
3 Loss. Accumulated Depresention 4 CWG* - Non-Internal Manning	(5)	191	194			11,300,000	11,363,300	11,337,526	11.311.74	11.295.006	11,219,188	11,234,408	11,404,744	
\$ 16st Investment (Loren 2 + 3 + 4)	11.517.905	11,482,208	11,466,429	11,440,045	11.414.005						11,273,074	(1,247,298	11,221,516	
\$ 168 streament frames a c a c a)				11,463,538	11,427,714	11,481.076	11,376,196	11,360,416	11,324,636	11,346,664	41311714	112412	******	
S Average Hist imperiental		11,505,000	11,479,316	11,483,54	11,41,100	,								
								-1 414	21,842	27,790	27,735	27,672	27,600	335,487
7 Robert on Average Het Inventioned		26,308	20,243	26,179	26.116	24.062	27 900	27 926 79.8 0 1	75,710	75,540	15,314	75,201	74,020	911,725
Daniel Continuental (Limb 9 n. 2 96% n. 1/12)	3.06% 8.02%	76,925	76,753	76,660	70,400	10,236	26,062	19.000		•	•	•	•	•
b. Equally Compared Consond Up For Taken	8.87%			•	•	•	•	•						
s. Cober												25,790	25,180	339,390
& Investment Expenses					26,180	25,700	25,790	25 780	25,180	25,700	25,780	,		
e Depression 2.66%		26.700	26.780	25,700	21,744		•	•			NAA -	NA	NA	NA
American		•	NA.	NA .	NA	NA	HA	NA	MA 0,120	NA 8,126	6,126	6,126	8,129	W7,512
a Describenci		MA 8,126	1,126	8,126	8,126	0,126	8,126	8,126	, 120			•	•	•
d Property lases 0.007030		B. 140	0,100			•	•	:				Ł	_	
e. Properly insurance		i	ė.										136,543	1.064,004
I OM						136,194	137,660	137,723	137,467	131,251	137,015	136,770	1,36,343	
9 Total Bystom Recoverable Expenses (Lines 7 + 9)		130,137	130,902	130,000	138 430	1,50,150					137,015	136,779	135 543	_1,454,294.1
a Recoverable Code Allocated to Energy			120,807	134,444	136 430	138,184	137,968	127.123	137,467	137,261	137,018	130,	,—	
h Characteristic Coats Advantaging to Democrat		136,137	120,000			,=								

For Project: CASS Crystal River AFUDC - BCS Commun Stones (Project 7.4s) So Dellata)

Description
The continuents
1 tonominants
8
8
Committee Comm
6. Relimentation d. Obser 6. 1240,702 51,24
d. Obsert
2 Print in Sentero-Depreciation Base 61,290,702 81,290,
2 Plantin-Senter/Deprecentary Date 61,260,702 81,260,70
2 Plant in Seminated Department Communication Department (A, 166, 673) (3,000.040) (4,144,200) (4,144,
3 Logar Accommendated Depressions 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9
4 CMP - Non-determit Security 57,401,729 57,274,103 57,404,477 57,018,617 58,001,229 59,002,129 59,
5 Not incomplaned (Lates 2 + 3 + 4) 27,227-296 57,227-2
6 Austign Hall friendstreet 57,337.916 57,240,260 53 (65,006 56,006 50) (60,007 12 10,007 12 10,007 130,547 13
6 Average Had breakment 136.871 136.567 139.243 137.826 137.826 1.972.104 2 Party on Average Had breakment 136.871 136.567 139.243 137.826 4.544.40
7 Seaton and Australia Mal (repulsivant) 130-513 130-600 130,106 130-513 130-500 130,106 130-513 130-500 150,106 130-513 130-510 150,5
2 Design an Auguste Net Branch and Control of the C
Debt Communit 6 at 6 a 2 800 a 1/12) 2.30% 1912
b Equity Compound Option United Section United Sectio
a Citier
127 EPR 127 EP
127 E26 127 E26 127 E26 127 E26 127 E26
Taranta 2.60% MA NA NA
A ample street 10 and 1
NA 700 40 220 40 220 WALL
6. Distringuistraturi 4.0.229 40.228 40.229
a Papady Municipa
4 0000
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
A Toro Company Company Com 7 + 10 402,764 412,364 4239,442
MA 201 MA 201 MA 201
a Reconstruction Costs Allocated to Exhibity 662,396 661,127 669 666,760 667,425 664,425 664,127 662,596 661,127 662,596 662,596 661,127 662,596 662,596 662,596 662,596 662,5

For Project: CASK Crystal Siver AFUDC - Fins See Describetestion CRS (Project 7.40) (in Delicts)

																	End of
				Hegaving of	Actual	Actual	Actual	Actival Age-17	Actual May-12	Actual Jun-12	Eppropried Jul-12	Estimated Aug-12	Extracted hep-17	Estate of Oct-17	Esterated Nov-17	Dep-12	Period Total
	0			Person American	Jan-12	Feb 12	Mar-12										
Late	Descriptor		-										_	_			(122,278)
1 lovestmin								(54)				•					,
					2,833		(126.004)	(54)	ī	٥				•	:		
P. S. Marie	us to Plate!				2,633	•	125 004	(34)	i				6	•		:	
					•	•	•		:		•		•			•	
c Reier						•		•	•	•	-						
4. Other										*** *** ***	129,727,926	120,727,030	128,727,626	129,777,426	129,127,926	129,727,826	
				129,869,154	120 852,007	129,852,867	129 737 962	129,727,826	129,777 926	120.727,826	(0,611,331)	10,000,700	(0,120,001)	(0.304,466)	(0,644,831)	(0,003.204)	
2 Plant to S	erace/Depression Base			(0.002.290)	(7,000,032)	(7,319.454)	(7,577,031)	(7,834,204)	(8,084,581)	(0.362,044)	(0,011,221)	P		` •_		<u>•</u>	
	القاطعان أعضن ببير			(a'ans'eas)	(3.000.00)		`					120.668.279	120,500,046	129,341,470	120,043,095	119.624.726	
4 CWAP - N	وجدنة اعدماراني				122,762,156	122.533.531	122,190,151	121,201,720	121.633.345	121,374,070	121.114.595		195.445.54				
S Hallman	page (Linux 2 + 3 + 4)			123,047,946	144,194,144	188-41-0-1							120,729,033	120,470,468	120,212,283	110,063,000	
	-					122,002,043	122,341,641	122,620.539	121,702,633	121,504,138	121,346,783	130,967,498	140,120,000	I page 1			
S. Avenue I	Not (presidented				122,020,068	164,000.000	100,000										
														299,395	295,740	265.124	3,584,212
1 11-1	Average Net Investment						304 999	300.219	200.574	260.038	700,303	207.003	297,631	405,449	863,761	802,034	9,740,508
, part (component (Line 6 x 2 95%	L V (2)	2.96%		302,422	201,700	816.600	\$15,864	814,126	#12,349	\$10,671	666,644	467,216				
t Emile	Compensat Germani Up Fo	a Tanan	4.60%		821,006	820 ,146	010,000	440,000	211,100					•	•	•	•
			-		•	•	•	•	•	•							
c. Other																44 114	3,100,000
									Or a 374	258,375	254.376	254,376	258,375	258,375	254,375	256,375	3,100,000
2 produces		2.38% (Note 1)			268,624	258,624	264,175	250,375	254.376	230,310	4		•	•			
u Cappe		T-MAN (second 1)				•	•	•		***	N/A	NG	NA	NA	NA	NIA	A 000 170
h Ameri					N/A	NA	NA	34A	MA	N/A ES. 160	86,186	86,188	86,186	Mb, 186	85,100	65,166	1,022.429
e Diame		6.047505			86,279	№.270	8h.168	85,186	86,188				6	•	0	•	
d Proper		B. 007 (000)						•	•	•			ō				
	th parestone				ň												
L Other				-							1,462,537	1,440,174	1,447,818	1,445,447	1,443,084	1,440,721	17,448,136
					1,469,182	1.466,679	1,467,563	1,480.027	1,467,263	1.454.000	1,484,501	.,,			•		
# Total Sys	non (lacoverskie Experses	(F4000 1 + g)						•			1,652,537	1,440,174	1,447,810	1,445,447	1,443,004	1,440,721	17,444,130
a Recov	estation Contra Afternated to Ex				1,466,182	1,465,829	1,462,543	1,466,627	1,457,263	1,454,800	1.405,547	1,000,114	.,544,4				
b. Recov	carette Costs Alboured to D				1,400,100	.,											

Node 1. The despectations note for propert 7 off is a blanded mate of the approved depression rates associated representation and the property critical and approved depression rate of the property critical and approved depression rate of 1 DNs. 19% of the mountment on FERC account 315 at an approved depression rate of 1 DNs.

POCHAR SA EM BOY ELDROA Enformational Cost Removely Chann & CRC) Capital Program Bord Support - Jamesty 2010 through December 2012 CARROANT Coping Mare Affair (Program 2-4-Remov)

For Project: CASR Crystal River AFUCC - CRS Socializator & Intelligent Seed Streeting Controls (Project 7.4g) (in Bellets)

			-			100000000000000000000000000000000000000									End of
Lane Omnocappion		Buyening of Passed Amount	Actual Jun-12	Actual Feb-12	Actual Mar-12	Actual Aur-12	Acquel May 12	Actual Aur 12	84 12	Equated Aug-12	Sep-12	Dut-12	Estimated Nov-12	Esterated Dec-12	Period Total
Line Dissorption							_		۰		•		•	•	
) incompression				9	•	•	:		ă	•	•	0	•		
a. Esperaturas/Arichara			•	•	•	:		i		•	•	•			
b Charroys to Plant a Relimentation			4					•		•	•	•	•	-	
é. Cipur		850,166	800,198	860.198	840 ,198	868 199	#60,196 [63,790]	664,100 [45,521]	(47,262)	660, 196 (49.063)	860, (48 (50,834)	859.198 (62,606)	650,100 (64,378)	960,198 (56,147)	
2 Plant in Service Coursession Base		(34,895)	(869, 845)	(38,437)	(40,204)	(41,079)	(extran)	F-12.5	(
3 Lane. Accumulated Depression						005,219	906,446	004.077	102.105	901.135	700,344	797,563	795,822	194,951	
4 CWMP - Non-Interest Statement 5 Next Investment (Lines 2 + 3 + 4)		815,300	813.532 814,417	812,948	810,875	200,104	200,220	946,662	963,791	949,489	900,246	790,476	796,707	764,938	
6 Average Net Investment 7 Return on Average Net Investment a. Date Component (I. see 8 x 2.85% x 1/12) b. Equity Component Games (Up For Taxon	2.96% 6.82%		2,004 6,446	1,800 6,433 6	1,966 6,422	1,891 6,418 B	1,986 6,308 8	1 962 5,360 0	1,678 5,374 5	1,873 5,362 8	1,000 5,361 G	1,985 5,339 (f	1,080 5,327 8	1,958 8,315 0	23,758 64,562 9
e Ober 2 Investment Experient a. Ospressinte b. Americation C. Designification d. Property Turins a. Property Turins a. Property Turins C. Designification C. Designification Designifi			1,771 0 NA. 544 0	1,771 6 MA 640 6	1,771 0 966. 368 8	1,771 B NAA 408 B	1,771 9 NA 368 8	1 771 0 NAA 858 8	5,771 8 MA 958 8	1,771 6 NAA 658 8	1,771 B NAA MAB B	1,771 6 N/A 508 8	1,771 8 N/A 868 0 0	1,771 6 96A 806 8	21.252 6 HMA 6,606 0 9
6. Other 8 You'd System Recoverable Expenses (Lines 7 + 8) a. Recoverable Costs Allocated to Energy b. Becoverable Costs Allocated to Direct			u,178 0 9,778	6,761 B B,761	9.749 B 9.746	0,730 8 0,730	9.713 8 9.713	100,0 0 700.0	9,661 9 9,661	9,564 8 8,664	8,648 8 9,648	0,613 6 0,633	0,418	6,400	0 116 284

For Proposit: CASR Crystal Rever AFUGC - CR4 Southierum & Intelligent Sout Blewing Controls (Proposit 7.4%) (In Dellars)

Long Deputighten	Beginning of Period Amount	Achus Jan-12	Actual Feb 12	Acqual Mor-12	Actual Apr-12	Actual May-12	Acked har-12	ا ستوسط 12 صد	Esteraind Aug-12	Ephradud Sup-12	Oct-12	Eutomaterá Nure-12	Day 12	Puriod Total
1 izvenimenta a. EppendhemilAddenny b Clasings to Plant a. Retirementa d Other		0	:	0 0 0	:	9	0 6 •	:	•	0 0 0	•	0	0 0 0 917.397	6
2 Plant in Service/Depression Been 3 Lane: Assumption Depression	917,397 (23,239)	017,367 (045,46) 0	917,367 (37,161) 9	817,397 (38,072) G	817,367 (40,663) - 8	617,387 (42,884) 0	817,397 (44,60%) 9	817,397 (46,714) 9 #70,642	917,397 (48,627) 0 946,771	617,397 (60,536) 6	917,397 (62,449) 9 964,949	917,307 (54,300) 0 963,030	(60.271) 951,127	
d CMIP - Non-Internal Beauty 8: Had inventment & June 2 + 3 + 4) 8: Average Nat Inventment	694,050	462,148 863,103	869.237 861.192	979.325 979.261	879.41E 877,376	875.450	\$72,548 \$73,548	671,637	Adia,720	962,616	985,604	663,663	847,082	
7 Return on Average Net Investment	1.06% 1.02%	2,173 8,005 8	2,160 3,862 0	2,163 5,876 6	2,150 5,866 0	2 154 5 863 6	2,148 6,941 6	2,164 5,826 0	2,148 6,815 0	2,10h 6,602 8	2,130 6,750 0	2, 126 6,277 9	2,121 5,764 0	25,762 70,012 8
8 Inventoreré Expenses a Depresention b Assertiation C Disconnière d Properly Talent a Properly Talent		1,911 B NAA 602 d	1,911 0 NAA 802 0	1,911 6 MKA 802 8	1,911 6 164A 802 8	1,911 6 16A 902 6	1,811 8 NA 802 9	1,811 8 Aug 0 0	1,611 B N/A #02 E	HAA AMA Bass B	1.911 8 N/A 802 0	1.911 9 MA 802 6	1,911 S NAA 802 9	22,932 0 H/A 1,224
Total System Recoverable Expenses (Limit F + B) Recoverable Code Allocated to Energy Recoverable Code Allocated to Demons		10,581 0 10,581	18.573 0 10,573	10,566 9 10,566	10 \$38 6 10,536	10,520 0 (0,520	10.503 8 10.563	10,486 8 10.486	10.466 0 10.466	10.466 8 10.468	10,433 B 10,433	10,416 B 10,416	10,360 0 10,360	125,030 0 125,040

For Project: CASR Crystal Shor AFUDC - GR6 SCR (Propost T-61)

Line	Dencember		Beyinney of Penal Amount	Actual Jan-12	Actual Feb-12	Actual New-12	Arbini April2	Actival May 12	Actual Just 12	Esteratesi Jul-12	Extracted Aug 12	Estates 549-12	E stanged Oct-12	Eutovalent Harr 17	Estimated Onc-12	East of Period Total
£ Januarina							4				200,004			900-1000	0	916.515
	rdil/Ppi/Addar/16			11 607	2,714 2,714	\$24,000 104,006	(51) (11)	:	ĭ			Ž.	ě		•	
	regs to Plant			11.867	2,734		('')		ā		i	ō		i	•	
c Flater				÷		i	- 1	ī	i	i	Ĭ.	0	•	0		
4. Other				•	•	•	•	•	=	=						
2 84	Sarvica/Depression Base		100,679,861	100.001.007	106,694,401	106,796,407	(44,746,396	106,796,396	100,700,705	100,790,366	100,760,364	100,710,398	199,786,398	108,798.398	104,798,398	
	Acadington Digetterature		(4,300,150)	(4,100,003)	(4,612,612)	(5,037,566)	(5,261,466)	(B.496,442)	(5,700,300)	(5,833,376)	(0,167.272)	(8.36),216)	(6,005,160)	(6,829,162)	(7,063,040)	
	Nun-iranima Gaaring			9							200,000	290.040	200,000	800,000	900,000	
	Marine (S. press 2 + 3 + 4)		104.313.722	104,101,805	193,860,786	103,789,861	161.634.697	103.312.964	103,086,015	102.006.047	102.041.124	102,517,180	102 303 237	102,766,263	102,545,360	
	Net Insulated			104,367,763	103,001,297	163,626.630	103,646,874	103,424,825	102,200,002	1402,977 (40)	102,053,095	102,739,162	102,506,309	102,581,286	100,067,322	
	on Avigage Mat Investment					258 432	255.000	254 454	253,807	253,260	253.051	252,740	257,186	262.362	257,540	3.047.340
	Compares (Lee 6 a 2 95% a 5/12)	2.074		256.364	266,661	255 4.12 884,198	203,026 883,016	W1,516	##C.#20	em.523	867,004	FML 800	996,300	896,877	885,386	9,201,498
	y Component Groused Up For Taxon	6.62%		484,752	606,30 <u>4</u>											
e. Other	r				•	•	•	•	-	•	-	=				
S Investme	eri Ficernat												*****	223,943	223,943	2,686,887
a Days	scretce 2.47% (Note 1)			223,/24	223,720	223 843	277.943	223,943	273,043	223,943	223,943	\$13,943	223,943	223,943	223,043	2,500,000
h Ameri								N/A	N/A	HAA .	NA.	NA	N/A	NIA	NA -	- MA
	ericani e e e e e e e e e e e e e e e e e e e			NIA	NKA	NA 71,444	N/A 71.944	71,444	71,444	71,444	71,444	71,004	71,444	71,444	11,444	867,198
	eatly T _{EMB} 9.007000			71.374	71,370	71,444	11.4	41.000	.,,		1,,					
	uly housean					š		:	ĭ		_	Ď	i i			0
f. Colour			-													
O Total Su	Anno 1 + 4)			1,248.234	1,240,261	1,244,884	1,243,411	1,241,363	1,239,314	1,237,206	1,236,132	1,234,000	1,232,966	1,233,848	1,234,341	14,872,906
	verable Costs Afficated to Energy				•						•					
	country Coats Alborried to Ostropus			1,748.234	1.748,261	1,244,004	1,243.411	1,241,383	1,239,314	1,237,200	1,236,132	1,234,940	1,232,940	1,232,646	1,234,341	14.872.906

Note 1: The deprecention rate for project 7 4th is blanched rate of the approximal depreciation, rate of the experience of the experience

For Project: EAST Crystal Steet APUDC - CR4 FQD (Project 7.48) (in Delice)

Lene	Description		Regress Percel A		Actual Feb 12	Actual Mar-17	Actual Age 12	Adhai May 12	Actions Jun-12	Estimated July 12	Estimated Aug 12	Entrated Sep-12	Estimated Oct-12	Estimates Nov-12	Extension Dec 12	End of Period Total
1 Invest					_											3,840
	produces Additions			1.006 3.006		(S)				ĭ	:					
	sarings to Plant			****		~~				i i	i		ě	Ĭ		
					•	:	- :		i i				ā	ā		
4.00	Mar			•		•	•	•	•	•	•	-				
			130,57	D 708 139.574.000	139,574 800	130 174,568	139,574,566	130,574,598	139.574.594	130,574,566	139.574.596	139,574,598	139,574,998	136.9 / 9.566	639,574,599	
	en Servicia Depression Beter Accuração de Depression			0,960) (6,660,463)	(0,177,007)	(8.444.362)	(6,754,814)	(7.043,276)	(7,231,734)	(7.620,178)	(7,804,632)	(0.107,005)	(5,480,641)	(0,773,006)	(0,012,440)	
	- Mon-Interest Desirect		40.00	N. 2007 (M. 2007)	(m, 12.1.00.)	(0.000.000)		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
	- Min-Caller (man)		133,64	6.707 133.846,147	(33,399,663	133,100,234	132,819,700	132.531.326	132,242,672	131.064.448	131,066,943	131,377,500	131,000,006	130,800,601	130,512,147	
3 ME II				144.44		170.700.4	1000									
4 Aven	go Mil investmiril			133,427,427	(33,540,020	133.252.464	132,984,007	137,675,163	132,367,000	132,046,646	131,819,196	131,321,738	131,233,262	130,044,620	130,850,374	
7 Planta	n can Avanaga Hali Inscabinski													***		*****
a. De	<u>ald Component (Line 6 x 2 05% t</u>	1/12)	2.04%	329.267	326,552	221,843	327,133	756 453	325,714	325,004	374,284	323,586	322.075	222,165	321,456	3,604,301
b. Eq	Comments Grouped Up For	Tanas	8,62%	994,7M	#E2.879	(447), WE (996,02 E	200,166	885,104	943,236	861,367	679,370	\$27,446	875,521	013,682	10,610,363
s Off				•	•	•	•	4	•	•	•	•	•	•		•
& Javani	mari Espansos													300,454	288,454	3,481,450
	وجيزات الماني	2.48% (Note 1)		200.454	200.464	200,464	204,454	208.454	288,454	248,464	200,464	200,454	200.454	140,004	244,434	3,401,444
				•						****	***	NA	NA T	86A	N/A	NA.
				NA.	NA	WA.	NA.	NA 81,854	N/A 81,654	96A 81,864	NA 91,864	81,854	91,854	81,654	\$1,464	1,040,644
		2.007000		B1,864	81.054	81,854	B1,864	81,894	81,000	41,000	W1,7004	E1,000	W1.007	4,44	0	
	obsigi mentence			•				:	:				ř			
f. On	₩															
h Total	System Hacoverstia Expenses (Lines 7 + 81		1,004.150	1,901,530	1,560,001	1,599,262	1,563,824	1,540,660	1.500,347	1,565,700	1,563,071	1,580,432	1,677,704	1,070,150	19,0/5,942
	poyethin Costs Allucated to Eng			•		•		•	•							
	coverable Costs Atmosted to Du			1,494,166	1.001,538	1,586,901	1,644,262	1,593,624	1,946,986	1,546,347	1,546,706	1,642,6/1	1.580,432	1,577,794	1,976,104 [19.015.693

Note 1: The deprecession rate for project 7 4jm is blancing rate of the systematic project and the project in the project of t

PROGRESS ENCROYS LORMA Rendromental Evel Basewer Clause R CRIC Capital Programs Death Engaged - January 2013 demands in CAMILLARIE Crystal Stone APADIC (Project F.d Basey)

For Project: CAIR Grystel Reser APUDC - Gyppoun Hondling (Project F-4b) Un Belletti

			For Project:	CVE Colone one	<u>lie Delieral</u>		•							End of
	Bayerang of Period Amount	Actual	Actual Feb 12	Actual Mar-17	Arami Arr-13	Actual May 12	Actual Jun 12	Estimated Jul-12	Esternatural Augu 12	Ephenoted Sep-12	():0+12	Enterented Nov-12	Entered Duc-12	Period Tatal
Description.	LANGE VINCTURE									_	•			
			_			۰			•	•	ĭ	ā	0	
1 inventures a Enginetare/Additions		•	•	ï	i		•		•		i		8	
à Cleangs to Plant		•	•		ā				•		ì	•	•	
g. Regissements		•	:		ā	•	•	•	•	_				
d. Oliur 2 Planto-SanzulDepuziaton Hate	29,466,196	20,666,105	20,000,100 (1,102,200)	20,006,108 (1,206,006)	20,965 108 (1,248,735)	20,966,106 (1,203,466)	20,066,198 {1,337,189}	20.006.198 (1,360.005)	20,966,196 (1,424,638)	20,000,196 (1,466,355)	20,986,196 (1,512,090)	20,005,105 (1,565,885)	20,984, 198 (1,599,530) 9	
3 J.mai. Assumulated Depressiones	(1,9/4,630)	(1, 116,546)	(1.05,200)	(1,222,20)		1			40 543 546	19.519.641	10.476.110	10,432,391	10,300,500	
4 CWP - Hon-belovest Bessering	0_		19.625.91	19,792,191	10,736,446	19,494,741	19,661,918	16 807 791	19 543 548	19419411	. 1501.01.15			
5 Hal Inventorent (Litter 2 + 3 + 4)	19,913,309	19.100.541	19,929,919	19,804,054	10,700,329	19,716,894	10,672,679	10,029,164	19,585,429	19,341,704	10.407,979	18,454,254	19,410,529	
Average Net Ironishment Redum on Average Net Irronisment Date Component (Lone 6 x 2 666 x 1/12) Equity Congonent Ground the For Tones	2 86% 8.87%	19,801,504 48,939 132,968	48,632 132,708	48,724 132,413	48.61F 132.121	46 500 131,829 6	48 401 131,536 8	48.204 131,244 \$	48,166 130,962 0	48,079 138,666 0	47,971 130,367 8	47,864 120,675	47,756 129,762 0	560,172 1,676,662 B
E. Custor B. Investment Expenses B. Degraceation 2.56%		43.725	43,725	43.725	43,725	43,736	43,725	43,726 B	43,726 0 N/A	43 725 9 NA	43,725 9 MA	43,726 Q HAA	43,726 B	624,700 0 96A 100,464
h Amortialism		MA	NA.	NIA "	N/A	NA	N/A	13,762	12,782	13,702	13,762	13,782	13,762	100,-100 A
e Discontinued		13.782	13.792	13,792	13,782	13,107	13,742	13,748	,	•	•		:	
d. Property Tourn 0.007000		13.74			•				i					
e. Property insurances (Other		<u> </u>	<u>i</u>			231,946	237,444	237,045	238,846	236,245	236,845	236,448	235,045	2,848,938
		236,444	Z30,046	736,844	236,246	231 346	237,444	•	•		235.646	236,448	Z35,044	2,846,936
Folial System Recoverable Expenses (Lines F + 4) Recoverable Code Allocated to Energy Recoverable Code Allocated to Demand		130,444 1	236,04 6	238,644	238,246	237,845	23/.444	237,046	236,645	234.745	2.5.0-0	130,		

For Project: CAM Grystal Rheer AFUDC - CRS Asid blind Mingelson Controls (Project 2.44) in Dallotsi

			For	Project: Giller U	Arm	in College									End of
		legerang of prod Antogré	Actual Jun-12	Advel Feb 12	Actual Mari 12	Actual Apri-12	Actual May 12	Actual Jun-12	<u> اور اور ا</u>	Aur-12	Estimated Says 12	Oct-12	Nov-12	Dec-12	Parted Total
Line Description		Para Para Para Para Para Para Para Para											a		9
1 imminent							•	•	•	Ž.	i	i		•	
a Expensional Additions			:		ī		•	•				•	0	•	
b Cleanings to Plant				Ĭ	6	- 0	•	•	:	ă	ė.		•		
c Retroposition				ě		•	0		•	_			_		
d Color 2 Plant on Sarvecol Depressation Hose		e 406,705	9,406.706	9,409,795	9,408,705 (440,681)	9,406,795 (460,478)	9,406.706 [480.075]	9,406,706 (409,672)	9,468,706 (519,200)	9,400,706 (538,606)	9,405,705 (558,463)	9,406,705 (576,006)	8,406.79 <u>6</u> (587,667) 0	9,406,708 (617,254) 9	
3 Lami: Accumulated Depression		(382,080)	(401,867)	(421,284)	(sear/age)	(-m-,-1-)	4	<u> </u>			0.846.742	9,929,646	8,000,040	0.789,451	
4 CMb - Hite-releaset Brownd					8,006,826	0.040.227	1,024,030	8.107.033	1.657.436	0.047,630		1.747.77			
5 Ned Inventorest (Lates 2 + 3 + 4)	_	0.024.615	9,904,014 9,814,817	8,986,421 8,986,270	0.975,023	0,964,024	8,938,429	8,916,832	8,597,236	0,817,638	8,868,041	8,836,444	8,516,647	6,769,256	
8 Avenige Nat Investment			9,514,517	•				21,636	21.000	21,842	21,794	21 745	21.007	21,649 64,633	247,065 714,640
7 Return as Average Net Investment	2.96%		22,178	22,131	22,063	22,636	21,005	50,070	30.499	\$9.357	50,220	56,006	\$8,004	80,033	114,040
a. Outs Compunent (Line 6 x 2 95% x 1/12)	2.07		40,276	66,144	60,813	\$6,002	39,731 0				•	9	0	•	-
b. Equity Conspound Gramed Up For Teach	4.44.2			•	•	•		•	•						
e Other 8 Investment Expension				10,507	19,507	16,507	19,587	19.507	19.507	10,607	19,597	18,58f B	19,597	19,597 G	235, 184 0
g. Depressables 2.50%			16,307	0	.,	•	٥	•		N/A	N/A	N/A	PAN .	Plant.	NA
Amodanion			NIA T	NA -	N/A	NA	N/A	NIA	NA 8.177	6,177	4,177	6.1/7	0,177	4,177	74.134
c Decemberated			\$.177	6,177	0,177	0.177	0,177	6,177	4.166			•	•	9	•
d. Property Teatres. 0.207500			0.17.	~	•	•		:		ă					
e. Property Industrial			, i										109,436	106,214	1,200,900
1. Other						198,591	107 511	107.332	107,153	100,073	108,794	108,614	100,430	0	•
8 Total System Recoverable Expenses (Lines F + 6)			100,226	106,048	197,879	107,001				0	500,704	108.514	105.435	106,256	12#4.64
Recoverable Costs Allocated to Energy Recoverable Costs Allocated to Descript			100.27\$	100,048	959,101	100.100	107,511	197,332	197,153	108,973	300,104	,,	7-4		

For Propert: CAIR Crystal Moor AFUDC - FGD Suttling Pond (Propert 7-4nt) (in Delictal)

			agening of most Amount	Actual Jan-12	Actual Fab 12	Actual Mur-12	Actual Age-17	Actual Liby-17	Actual Jun-12	Extrated 3d-12	Aug. 12	Sep-17	Estimated Oct-12	Nun-12	Day 12	Period Yolel
tine Desirit	Ann		and standard							_	_				٥	٥
1 imagineris						•		•	•	:		ă	•	•	•	
n. Egundhery/Addition	re,				i	•	•	•			i		•	•	•	
6 Chimings to Phort				i	•			•	:	Ā			•	•	•	
g. Religionship d. Other				•	•	•	7,477,316	7,477,310	7.877.316	7,677,216	3,677,310	7,677,316	7,677.318	7,677,516 (306,327)	1,617,316 (315,424)	
2 Plant in Service/Depre	Julian Base		7,677,316 (200,700)	7,677.314 (218,367)	7,677,316 (218,864)	7,677 316 (226 561)	(230,148)	(246,746)	(254,342)	(267,630)	(217,536)	(297,133)	(204,735)		7,301,392	
3 Lass: Accumulated Da	province		(6)					7,426,515	7.418.074	7,409,377	7,399,799	7,380,183	7,360,544	7,370,940		
4 CMP - Non-Internal Br	(+3+4)	=	7,479,556	7,446,960	1,461,162	7,447,196	7,430,166	7,433,389	7,423,772	2,414,175	7,404,579	7 384,981	7,386,384	1,375,167	7,386,190	
S Average Nat Inspector	•			7,471,757	7,442,140	1,402,300									45.455	219,936
-	_							10 200	10.204	18.241	18 718	ta. 194	10,170	16,147	16,123 48,252	595,250
7 Return on Average Nat	Insperiment	2.00%		18,363	10,350	10.336	16.312	49 791	44,637	48,573	49,500	48,444	48,360	44,316		0
p. Chaid Compressed (L.	mg 6 s 2 (45% K 1/12)	1.00%		49,058	49,863	40,829	45,765	47.00		0		•	•		•	_
6 Equity Companied (Richard (de Lite comm			•	•	•	•	•								
									0,597	9,587	9,507	0,645	196,9	8,547	0,567	115,184
8 investment Experient				9,597	9,507	e,swi	9,597	9 507	0,597	9,567	•		9	•		AU4
a. Degrazation	1.00%			0	•		•		NA.	N/A	NA	NA	NA	NA	NIA 5.041	60,482
h Assorbasion				WA	NA	WA	₩A	NA 5 041	5.041	5,041	6,941	6,041	5,041	5,041	3,061	~
s. Demonstrates	6.667888			5,041	5,041	5,041	5,041	3.041				•	•	•	:	ĭ
4. Property Value						•	•			ī						
 Properly leasurement 			_					¥.					62,166	87,101	82,013	949,948
(Citizal					82,893	82,403	82,716	82,427	82,548	62,452	82,394	82,276	42,1 11		8	٥
6 Total System Recover	able Expenses (Lines 7 + 0)			82,679	2.50						62,304	82,219	82,188	42,101	82,013	200,144
a Recoverable Costs b. Recoverable Costs	Allocated to Energy			62,976	42,040	62,603	42,715	12.497	82,540	82.463	62.300	2 ,7,4				

For Project: GAIR Crystal River AFUGC - Coal Plin Rundil Treatment System (Project 7.in) (a. Balletti)

		-			أدعواهما هز									End =
	Beginning of Peed Anturi	Acumi Juer 12	Actual Fab-12	Actual 12 - 141	Ameri Apr-12	Actual May-12	हे के की जिल्हा 12	E	E-matel Aug 17	Estimated Sep-12	Cot-12	Nov-12	Esterated Dec-12	Period Total
Line Description									_	•			a	
t impetiments		_				Q	0	•		ï	ā	•		
e. Expendence Address				ĭ	•	•	•		- :		ē	•	٥	
b. Climangs to Plant			- 1	i	•	•		7	I		6	•	8	
c. Representa			i i			•		•	•	-	="			
d. Clinar 2 Plant in Berviow/Depression Rame	15,986,198 (448,038)	15,986,108 (486,997)	(6,046,108 (486,968)	15,000.105 (508,010)	16,600.100 (526.600)	15,669,108 (548,641)	(5,949,108 (566,462)	10.000, 1GB (285, 862)	(5,989,106 (806,234) d	15,000,106 (420,666) 0	\$5,960,100 (940,640) 0	15,960,106 (006,897)	15.050.108 (000,505)	
3 Loss Assumented Depreciation	(,,,	```					15,300,343	16,340,342	15,340,421	15,320,440	15,399,486	15.200.530	
4 CMP - Non-Internal Beauty	11,520,070	13,509,100	15,480,148	15,460,167	15.440.224	15.420.295	15,400,304	12.004.01						
# Plant in-markening (Lines 2 + 3 + 4)	11,300,011	(5,610,000	15,460,120	15,470,100	16,466,207	15,430,246	15,416,286	15,300,374	15,370,363	15,360,402	15,330,441	16,310,460	(5,290,519	
© Average Not Innumbered ? Return on Average Not Inventored e. Delt Compount (Ann & z.2 8%) x 1/12) b. Equity Component Govered Up For Younn c. Other	2:06% 6:075	36,140 163,783 6	36,611 143,570 8	38,081 103,436 8	\$ 167.302 \$615	37,963 183,148 8	37 914 183.036 8	37 AMS 102.809	37,816 102,766 8	37,767 162,636 8	37,716 102,902 8	37,000 102,300 0	37,619 1627,236 9	454,678 1,235,630 9
E L'ONNE I Inventoure l'Experient Ougressienn Accontation C Demonitation Property Team Property Insent		19,061 G NJA 19,486 - 8	19,001 0 NA 10,406 0	19,061 8 NsA 60,486 0 8	19,964 9 N/A 10,466 0	10,061 8 NrA 10,486 6	19 941 9 NA 19,486 8	19,051 0 N/A 50,480 8	19,961 0 MA 10,466 8	19,861 0 NA 19,486 0	18,961 6 M/A 10,486 6	19.961 0 NAA 10.438 0	19,961 0 84A 10,486 0	230 532 0 NAA 125,632 0
Cober Total System Recoverable Expension (Lines ? + 8) Recoverable Costs Allocated to Everity		1/2,310 0 1/2,310	172.126 0 172.126	171,844 0 171,844	171,762 6 171,762	1/1,570	171,397 0 171,397	171,214 171,214	171,032 8 121,032	1 (0,060 8 170,000	170,467 0 170,467	170,486 B 170,486	170,361 0 198,98)	2 (204, 600) 0 000, 6615

For Propert: CAIR Grystal Stear AFUDC - Different Acid Addition System (Project 2-Au)

Line	(haspitality)		nymeng of may Agranad	Actual Jun 12	Actual Feb-12	Açamı Mari 12	Actual Apr-12	Actual May 12	Actual 340-17	Esterated July 12	Estatement Augs-12	E-manual 6-ap-12	Esterated Oct-12	Enteropheni New 12	Extracted Dec-12	Emp of Parind Total
1 (promise					_			_	_	_	_			_	_	_
	rendheren/Additions Aungs to Physil			:	:	:	:	:	:		2	2	9	•		
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Fac Project: Crystal River Thormal Discharge Compliance Project AFUDC - MET Tweer (Project 11.1b) (In Dollaria)

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ORIGINAL

ŀ		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DIRECT TESTIMONY OF
3		PATRICIA Q. WEST
4		ON BEHALF OF
5		PROGRESS ENERGY FLORIDA
6		DOCKET NO. 120007-EI
7		AUGUST 1, 2012
8		
9	Q.	Please state your name and business address.
10	A.	My name is Patricia Q. West. My business address is 299 First Avenue North,
11		St. Petersburg, FL 33701.
12		
13	Q.	By whom are you employed and in what capacity?
14	A.	I am employed by the Environmental Services Section of Progress Energy
15		Florida ("Progress Energy" or "Company") as Manager of Environmental
16		Services / Power Generation Florida.
17		
18	Q.	What are your responsibilities in that position?
19	A.	I am responsible for ensuring that environmental technical and regulatory
20		support is provided to the implementation of compliance strategies associated
21		with the environmental requirements for power generation facilities in Florida.
22		

1	Α.	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
15 16		 Exhibit No (PQW-1), which includes a letter re: Progress Energy Florida's NPDES Renewal Program and associated Administrative Order
		<u> </u>
16		Florida's NPDES Renewal Program and associated Administrative Order
16 17		Florida's NPDES Renewal Program and associated Administrative Order that PEF filed in this docket on February 8, 2012; and
16 17 18		Florida's NPDES Renewal Program and associated Administrative Order that PEF filed in this docket on February 8, 2012; and Exhibit No(PQW-2), which includes a verified Petition to Modify
16 17 18 19		Florida's NPDES Renewal Program and associated Administrative Order that PEF filed in this docket on February 8, 2012; and Exhibit No(PQW-2), which includes a verified Petition to Modify Scope of Existing Environmental Program that PEF filed in this docket
16 17 18 19 20		Florida's NPDES Renewal Program and associated Administrative Order that PEF filed in this docket on February 8, 2012; and Exhibit No(PQW-2), which includes a verified Petition to Modify Scope of Existing Environmental Program that PEF filed in this docket on March 29, 2012.
16 17 18 19 20 21		Florida's NPDES Renewal Program and associated Administrative Order that PEF filed in this docket on February 8, 2012; and Exhibit No(PQW-2), which includes a verified Petition to Modify Scope of Existing Environmental Program that PEF filed in this docket on March 29, 2012. Exhibit No(PQW-3), which includes a letter re: Progress Energy

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 ₂) 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,

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

Q.

A.

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

O&M expenditures for the NPDES Program are expected to be \$419,554 or 65% lower than originally projected. This variance is primarily due to delay in work on thermal discharge studies pending authorization to proceed from the FDEP. In addition, as explained in the February 8, 2012 program update provided as Exhibit No. ___ (PQW-1), the Administrative Order issued with the NPDES renewal permit for PEF's Suwannee Plant includes a new requirement that PEF did not anticipate when it 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. As required by the Order, PEF submitted a Plan of Study to FDEP in June 2012. PEF is awaiting the agency's response to the plan and will proceed with work as outlined in the Order. The cost projections for 2012 remain at \$40,000 as stated in the February 8, 2012, NPDES program update.

1		100% natural gas as part of its previously approved integrated Clean Al
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

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

A:

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

As explained in the May 14, 2012 update attached as Exhibit No. ____ (PQW-3), when PEF submitted its 2012 projects in Docket No. 110007-EI, PEF expected to incur approximately \$300,000 in costs for emissions testing needed to assess mercury, particulate and acid gas emissions from Crystal River Units 4 and 5 in order to develop the Company's MATS compliance strategy for those 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. The cost of these activities is expected to be \$1,250,930.

- Please provide an update of the Cross State Air Pollution Rule (CSAPR) 1 Q. issued by the EPA on July 6, 2011. 2 The CSAPR was stayed by the U.S Court of Appeals for the D.C. Circuit on 3 A. December 30, 2011, leaving the Clean Air Interstate Rule (CAIR) in effect until 4 the litigation against the CSAPR is resolved. Oral argument in that litigation 5 was held on April 13, 2012, and a decision by the court is expected in the 6 summer of 2012. 7
- 8
- 9 Q. Does this conclude your testimony?
- 10 A. Yes.

Hopping Green & Sams

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

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 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.

בטטויאבצי או אמבס יטאבני

Martha Carter Brown, Esq. February 8, 2012 Page 2 Docket No. 120007-EJ
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.

Gary V. Perion

Attorneys for PROGRESS ENERGY FLORIDA, INC.

Enclosure

cc: All counsel of record

Docket No. 120007-EI
Progress Energy Florida, Inc.
Letter Re: NPDES Renewal Program
Exhibit No. __(PQW-1)
Page 3 of 6

BEFORE THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

IN THE MATTER OF:

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

Administrative Order No. AO-026-TL

Suwannee River Power Plant DEP Permit Not FL0000183

ADMINISTRATIVE ORDER

E. 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.

IL FINDINGS OF FACT

- 1. Florida Power Corp. Progress Energy Florida, Inc. (Permittee) is a "person" as defined under Section: 403.031(5), F.S.
- The Permittee owns and operates a steam electric power generating facility known as Suwannes River Power
 Plant ("Facility"). The Facility, located at 4037 River Road Live Calk, Suwannes 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 403.085(2), F.S.
- Once-through cooling water discharges to Suwannee River, which is designated a Class III freshwater
 pursuant to Rule 62-302,400(14), Fforida Administrative Code (P.A.C.), and as an Outstanding Fforida 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 systems.
- 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), P.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, P.A.C. Hence, the Department is unable to approve the continuance of the total recoverable copper mixing zone.
- 8. The Department finds that:

Administrative Order No. AO-026-TL PEF Suwames River Power Plant NPDES Permit No. FL0000183 Oocket No. 120007-EI
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- 2. 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 403.088, F.S. This order includes an implementation schedule.

III. ORDER

Based on the foregoing findings of fact,

IT IS ORDERED,

- 10. No later than 130 days after the effective date of this Order, the Permittee shall prepare and submit for the Department's review a plant of study (POS) and schedule for the identification and evaluation of potential copper sources within the Facility and collection of paired intake and discharge date 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 LA.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, P.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 LA.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. I. 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 34.0 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.

Administrative Order No. AO-026-TL PEF Suwannee River Power Plant NPDES Permit No. FL0000183 Docket No. 120007-E1
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- 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)-807-3171, 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, Suits B-200, Jacksonville, Floride 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 Sections 120.60(3), P.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:

Administrative Order No. AO-026-TL PEF Suwannes River Power Plant NPDES Permit No. FL0000183

Docket No. 120007-FI Progress Energy Florida, Inc. Letter Re: NPDES Renewal Program Exhibit No. __ (PQW-1)

- (c) A statement of how each petitioner's substantial interests are affected by the Department actions
- (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 actions.
- (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 25-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filling of a perition 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 diffective 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 filling 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 appropriatedistrict court of appeal. The notice of appeal must be filled within 30 days from the date when the final order in filed with the Clerk of the Department.

DONE AND ORDERED on this / 4 th day of Dagatant 2017 in Tallahassee, Florida.

STATE OF SEORIDA DEPARTMENT TRONMENTAL PROTECTION

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 Skulder

Clerk

12-14-2011

Date

Copies furnished to Permit Distribution List

Docket No. 120007-E)
Progress Energy Florida, Inc.
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Environmental Program
Exhibit No. ___ (PQW-2)
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BEFORE THE PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause	DOCKET NO. 120007-EI
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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. <u>Petitioner.</u> 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. <u>Service</u>. 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

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
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 a contract of the new regulations, PEF will incur costs for a contract of the new regulations.

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FPSC-COMMISSION CLERK

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Progress Energy Florida, Inc.
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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).

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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

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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. 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,

¹ 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

Progress Energy Florida, Inc. Petition to Modify Scope of Existing Environmental Program Exhibit No. (PQW-2)

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CONTRACTOR ABOVE

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-EI. 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

Docket No. 120007-EI Progress Energy Florida, Inc. Petition to Modify Scope of Existing **Environmental Program** Exhibit No. __ (PQW-2) Page 6 of 7

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 2 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:

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.

Docket No. 120007-El Progress Energy Florida, Inc. Petition to Modify Scope of Existing Environmental Program Exhibit No. ___ (PQW-2) Page 7 of 7

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. Jeffry 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

Docket No. 120007-EF Progress Energy Florida, Inc. Letter Re: Integrated Clean Air Compliance Plan Exhibit No. __(PQW-3) Page 1 of 3

Hopping Green & Sams

Attemess 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 ("SO2") 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.

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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 SO₂.

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:

CGary V. Perko

Attorneys for Progress Energy Florida, Inc.

Enclosure

cc: All counsel of record

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

Page 3 of 3

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 / day of May, 2012 to all parties of record as indicated

below.

TARY V. PERKO

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rab@beggslane.com; srg@beggslane.com

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Paul Lewis, Jr. 106 E. College Ave., Ste. 800 Tallahassee, FL 32301 Paul.lewisir@pgnmail.com

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DIRECT TESTIMONY OF
3		JEFF SWARTZ
4		ON BEHALF OF
5		PROGRESS ENERGY FLORIDA
6		DOCKET NO. 120007-EI
7		AUGUST 1, 2012
8		
9	Q.	Please state your name and business address.
10	A.	My name is Jeff Swartz. My business address is 299 First Avenue North, St.
11		Petersburg, FL 33701.
12		
13	Q.	By whom are you employed and in what capacity?
14	A.	I am employed by Progress Energy Florida in the capacity of Vice President
15		Power Generation – Florida.
16		
17	Q.	What are your responsibilities in that position?
18	A.	As Vice President of PEF's Power Generation organization, my responsibilities
19		include overall leadership and strategic direction of PEF's power generation
20		fleet. My major duties and responsibilities include developing and
21		implementing strategic and tactical plans to operate and maintain PEF's non-
22		nuclear generation fleet; recommending projects and additions to the generation
23		fleet; major maintenance programs; outage and project management;
24		recommending retirement of generation facilities; asset allocation; workforce
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planning and staffing; organizational alignment and design; continuous business improvements; retention and inclusion; succession planning; overseeing hundreds of employees and hundreds of millions of dollars in assets and capital and operating budgets.

A.

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Q. Please describe your educational background and professional experience.

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

A.

Q. What is the purpose of your testimony?

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

ı	Q.	what current PSC-approved projects are you responsible to:
2	Α.	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	Α.	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

levels of ammonia (NH3) present and is requiring more precautionary measures 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.

Q. How do the estimated/actual project expenditures for the Crystal River CAIR

Project compare with PEF's projection project expenditures for the period

January 2012 to December 2012?

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

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

- 9 Q. Does this conclude your testimony?
- 10 A. Yes.

ORIGINAL

1		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DIRECT TESTIMONY OF
3		JOEL MORAN
4		ON BEHALF OF
5		PROGRESS ENERGY FLORIDA
6		DOCKET NO. 120007-EI
7		AUGUST 1, 2012
8		
9	Q.	Please state your name and business address.
10	A.	My name is Joel Moran. My business address is P.O. Box 1551, Raleigh, NC
11		27602.
12		
13	Q.	By whom are you employed and in what capacity?
14	A.	I am employed by Progress Energy Carolina (PEC) as Manager of Project
15		Engineering in the Energy Supply division under the New Generation Projects
16		and Programs (NGPP) group.
17		
18	Q.	What are your responsibilities in that position?
19	A.	My responsibilities include major project planning and execution. My primary
20		duties involve the management of engineering activities to ensure project
21		scoping is accurate and complete, provide input to estimate development, assist
22		in the development of project execution and contracting strategies, and provide
23		input to the overall project schedules. These duties are relevant to projects that

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

A.

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

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

Q. What is the purpose of your testimony?

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

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

Q

Α.

A.

Please describe the management structure being used to oversee implementation of the Anclote Project.

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

The Engineering Manager provides direction to the engineering discipline leads with regard to the technical oversight of the engineering effort for the project. The Engineering Manager addresses technical concerns related to the scope of the project, oversees the general engineering progress for the job, and keeps the Project Manager apprised of technical issues that affect cost, schedule, or quality. The engineering discipline leads are responsible for the technical evaluation of the design of the project. They assure technical compliance with the contracts and provide technical guidance to the team where areas of the technical specifications are not clear or have been omitted. The Quality Manager provides input and oversight of the engineering, equipment supplier, and the construction contractor's QA/QC practices and procedures. The QA Manager provides input to the Test & Inspection plans related to the project that protect the interests of the Company and end user ensuring the quality is consistent with company standards and good engineering practice. The QA Manager ensures technical requirements of relevant codes and project technical specifications are maintained.

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The supply chain specialists assist the Project Manager and project team in the competitive bidding of the equipment and services required of the project. They 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
. ~	Q.	110W much of the total project costs does the Company expect to mear in
13	Q.	2012?
	Q. A.	
13		2012?
13 14		2012? We currently expect to incur approximately \$22 million of costs for the project
13 14 15		2012? We currently expect to incur approximately \$22 million of costs for the project in 2012. Such costs will be incurred for: permitting activities; balance-of-plant
13 14 15 16		2012? We currently expect to incur approximately \$22 million of costs for the project in 2012. Such costs will be incurred for: permitting activities; balance-of-plant (BOP) detailed engineering services; BOP engineered equipment procurement;
1314151617		We currently expect to incur approximately \$22 million of costs for the project in 2012. Such costs will be incurred for: permitting activities; balance-of-plant (BOP) detailed engineering services; BOP engineered equipment procurement; boiler controls engineering; procurement of boiler equipment, materials, and
13 14 15 16 17		We currently expect to incur approximately \$22 million of costs for the project in 2012. Such costs will be incurred for: permitting activities; balance-of-plant (BOP) detailed engineering services; BOP engineered equipment procurement; boiler controls engineering; procurement of boiler equipment, materials, and components needed to convert Unit 1 and associated engineering; securing a
13 14 15 16 17 18		We currently expect to incur approximately \$22 million of costs for the project in 2012. Such costs will be incurred for: permitting activities; balance-of-plant (BOP) detailed engineering services; BOP engineered equipment procurement; boiler controls engineering; procurement of boiler equipment, materials, and components needed to convert Unit 1 and associated engineering; securing a contractor for the installation services required to complete the construction for

Q. What steps is the Company taking to ensure that the level of expenditures for the Anclote Gas Conversion Project is reasonable and prudent?
 A. PEF developed a phased contracting and procurement strategy to mitigate

project risks and to ensure that project expenditures are reasonable and prudent. Following completion of initial study evaluations, PEF issued a competitive solicitation to major boiler original equipment manufacturers (OEMs) for boiler modification engineering ("Phase 1") and boiler pressure part supply ("Phase 2"). The boiler modification engineering (Phase 1) includes thermal design, emissions estimates, performance predictions, vibration analysis, furnace draft evaluation, control evaluation, and budgetary equipment and engineering pricing. The boiler pressure part supply (Phase 2) includes procurement of boiler tubes, headers, valves, burners, burner management system logic, and other related equipment and materials.

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

of the Phase 1 engineering work, PEF competitively bid and awarded the balance of plant (BOP) engineering. The installation/demolition work will be competitively bid in the Fall of 2012 once the detailed engineering is sufficiently complete. PEF decided to bid the boiler pressure parts supply (Phase 2) separately from the installation/demolition scope to maintain the integrity of multiple OEM bidders for pressure parts (i.e., not to disqualify those without install/demo capabilities) and to allow time for the installation/demolition scope to be better defined. Q. How long will the Anclote Gas Conversion Project take to complete and when is its targeted in-service date? Delivery of OEM pressure parts for Unit 1 will be completed by mid-February A. of 2013. The Unit 1 outage to install these components will be completed second quarter 2012 at which time the Unit 1 conversion will be put in service. The delivery of the Unit 2 boiler components will be completed by mid-August 2013. The Unit 2 conversion outage will be complete and the unit returned to service by fourth quarter 2013.

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19 Q. Does this conclude your testimony?

20 A. Yes.

ORIGINAL

ı		BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
2		DIRECT TESTIMONY OF
3		COREY ZEIGLER
4		ON BEHALF OF
5		PROGRESS ENERGY FLORIDA
6		DOCKET NO. 120007-EI
7		AUGUST 1, 2012
8		
9	Q.	Please state your name and business address.
10	A.	My name is Corey Zeigler. My business address is 299 First Avenue North, St
11		Petersburg, Florida 33701.
12		
13	Q.	By whom are you employed and in what capacity?
14	A.	I am employed by Progress Energy Florida (PEF) as Manager, Environmental
15		Permitting & Compliance.
16		
17	Q.	What are your responsibilities in that position?
18	A.	My responsibilities include managing environmental permitting and compliance
19		activities for Energy Delivery Florida. Energy Delivery Florida is part of the
20		Florida Distribution business unit of which I support the Distribution and
21		Transmission Operation and Planning Departments.
22		
23		and the second of the second o

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1	Ų.	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.

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

A.

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

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

I		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.