



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

July 31, 2015

VIA ELECTRONIC FILING

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

Re: *Environmental Cost Recovery Clause; Docket No. 150007-EI*

Dear Ms. Stauffer:

On behalf of Duke Energy Florida, Inc. ("DEF"), please find attached for electronic filing in the above referenced docket:

- DEF's Petition for Approval of 2015 Environmental Cost Recovery Actual/Estimated True-Up;
- Pre-filed Direct Testimony of Thomas G. Foster and Exhibit Nos. ____ (TGF-3) and ____ (TGF-4);
- Pre-filed Direct Testimony of Patricia Q. West;
- Pre-filed Direct Testimony of Mike Delowery;
- Pre-filed Direct Testimony of Garry Miller; and
- Pre-filed Direct Testimony of Jeffrey Swartz.

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

Respectfully,

s/Matthew R. Bernier

Matthew R. Bernier
Senior Counsel

Matthew.Bernier@duke-energy.com

MRB/mw
Enclosures

Duke Energy Florida, Inc.

Docket No.: 150007

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished via electronic mail to the following this 31st day of July, 2015.

s/Matthew R. Bernier
Attorney

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BEFORE THE PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 150007-EI

Dated: July 31, 2015

**DUKE ENERGY FLORIDA'S PETITION FOR APPROVAL OF 2015
ENVIRONMENTAL COST RECOVERY ACTUAL/ESTIMATED TRUE-UP**

Duke Energy Florida, Inc. ("the Company"), hereby petitions for approval of its Environmental Cost Recovery Clause ("ECRC") actual/estimated true-up for the period January 2015 to December 2015. In support of this Petition, the Company states:

1. As discussed in the testimony of Thomas G. Foster filed contemporaneously with this Petition, the Company's total actual/estimated true-up for this period is an under-recovery, including interest, of \$779,602. This amount will be added to the final true-up over-recovery of \$1,419,043 for 2014 discussed in Mr. Foster's April 1, 2015 testimony filed in this docket, resulting in a net over-recovery of \$639,441. Documentation supporting the actual/estimated and net true-up over-recovery is contained in Commission Schedules 42-1E through 42-9E, which are provided as Exhibit No. __ (TGF-3) to Mr. Foster's testimony of today's date. Additional cost information for specific ECRC programs are presented in the testimonies of Michael Delowery, Garry Miller, Jeffrey Swartz, and Patricia Q. West, which also are being filed contemporaneously with this Petition.

2. The ECRC actual/estimated 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.

WHEREFORE, Duke Energy Florida, Inc., respectfully requests that the Commission:
approve the Company's ECRC actual/estimated true-up for the period January 2015 through
December 2015 as set forth in the testimony and supporting exhibits of Mr. Foster.

RESPECTFULLY SUBMITTED this 31st day of July, 2015.

By: s/Matthew R. Bernier
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
DIRECT TESTIMONY OF
THOMAS G. FOSTER
ON BEHALF OF
DUKE ENERGY FLORIDA
DOCKET NO. 150007-EI
July 31, 2015

Q. Please state your name and business address.

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

Q. Have you previously filed testimony before this Commission in Docket No. 150007-EI?

A. Yes, I provided direct testimony on April 1, 2015.

Q: Has your job description, education, background and professional experience changed since that time?

A. No.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present, for Commission review and approval, Duke Energy Florida's (DEF) actual/estimated true-up costs associated with environmental compliance activities for the period January 2015 through

1 December 2015. I also explain the variance between 2015 actual/estimated cost
2 projections versus original 2015 cost projections for emission allowances
3 (Project 5).

4
5 **Q. Have you prepared or caused to be prepared under your direction,**
6 **supervision or control any exhibits in this proceeding?**

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

- 8 1. Exhibit No. __TGF-3, which consists of PSC Forms 42-1E through 42-
9 9E; and
- 10 2. Exhibit No. __TGF-4, which provides details of capital projects by site.

11 These exhibits provide detail on DEF's actual/estimated true-up capital and
12 O&M environmental costs and revenue requirements for the period January
13 2015 through December 2015.

14
15 **Q. What is the actual/estimated true-up amount for which DEF is requesting**
16 **recovery for the period of January 2015 through December 2015?**

17 A. The 2015 actual/estimated true-up is an under-recovery, including interest, of
18 \$779,602 as shown on Form 42-1E, line 4. This amount is added to the final
19 2014 true-up over-recovery of \$1,419,043 as shown on Form 42-2E, Line 7a,
20 resulting in a net over-recovery of \$639,441 as shown on Form 42-2E, Line 11.
21 The calculations supporting the 2015 actual/estimated true-up are on Forms 42-
22 1E through 42-8E.

23

1 **Q. What capital structure, components and cost rates did DEF rely on to**
2 **calculate the revenue requirement rate of return for the period January**
3 **2015 through December 2015?**

4 A. The capital structure, components and cost rates relied on to calculate the
5 revenue requirement rate of return for the period January 2015 through
6 December 2015 are shown on Form 42-9E. This form includes the derivation of
7 debt and equity components used in the Return on Average Net Investment,
8 lines 7 (a) and (b), on Form 42-8E. Form 42-9E also cites the source and
9 includes the rationale for using the particular capital structure and cost rates.

10
11 **Q. How do actual/estimated O&M expenditures for January 2015 through**
12 **December 2015 compare with original projections?**

13 A. Form 42-4E shows that total O&M project costs are estimated to be \$2.2 million
14 higher than originally projected. This form also lists individual O&M project
15 variances. Explanations for these variances are included in the direct
16 testimonies of Garry Miller, Jeffrey Swartz and Patricia Q. West, except for
17 Emission Allowances which is below.

18
19 **Emissions Allowances (Project 5) – O&M**

20 SO₂ and NO_x expenses are estimated to be approximately \$1.5 million higher
21 than originally projected. This increase is primarily attributable to unusable
22 NO_x emission allowances due to the expiration of the Clean Air Interstate
23 Rule (CAIR) on December 31, 2014. CAIR was replaced by the Cross-State

1 Air Pollution Rule (CSAPR) on January 1, 2015, as explained in my April 1,
2 2015 direct testimony. Consistent with Order No. PSC-11-0553-FOF-EI,
3 DEF is treating the costs associated with the unusable NOx emission
4 allowances as a regulatory asset and amortizing it over three (3) years,
5 beginning January 1, 2015, until fully recovered by December 31, 2017, with
6 a return on the unamortized investment.

7
8 **Q. How do estimated/actual capital recoverable costs for January 2015**
9 **through December 2015 compare with DEF's original projections?**

10 A. Form 42-6E shows that total recoverable capital costs are estimated to be
11 approximately \$676k higher than originally projected. This form also lists
12 individual project variances. The return on investment, depreciation expense
13 and property taxes for each project for the actual/estimated period are provided
14 on Form 42-8E, pages 1 through 19. Explanations for these variances are
15 included in the direct testimonies of Michael Delowery, Mr. Miller, Mr. Swartz
16 and Ms. West.

17
18 **Q: Does DEF seek to change the ECRC factors established for 2015 for the**
19 **recovery of Coal Combustion Residual (CCR) compliance costs?**

20 A: DEF does not seek to change the ECRC factors established in 2014 in Order No.
21 PSC-14-0643-FOF-EI. The Company proposes to include costs incurred in
22 2015 in the actual/estimated true-up balance. The Company will include
23

1 program costs projected for 2016 and beyond in the appropriate projection
2 filings.

3

4 **Q: How will CCR compliance costs be allocated to rate classes?**

5 A: DEF proposes that capital and O&M costs associated with the CCR compliance
6 program be allocated to rate classes on an energy basis.

7

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

9 A. Yes.

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Docket No. 150007-EI

Duke Energy Florida

Witness: T. G. Foster

Exh. No. __ (TGF-3)

Page 1 of 28

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

January 2015- December 2015
Calculation for the Current Period Actual / Estimated Amount
Actuals for the Period January 2015 - June 2015
Estimates for the Period July 2015 - December 2015

Docket No. 150007-EI

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015
(in Dollars)

Form 42-1E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. __ (TGF-3)
Page 2 of 28

<u>Line</u>	<u>Period Amount</u>
1 Over/(Under) Recovery for the Period (Form 42-2E, Line 5)	\$ (787,565)
2 Interest Provision (Form 42-2E, Line 6)	7,963
3 Sum of Current Period Adjustments (Form 42-2E, Line 10)	<u>0</u>
4 Final True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2016 to December 2016 (Lines 1 + 2 +3)	<u>\$ (779,602)</u>

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42-2E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 3 of 28

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

Line	Description	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	ECRC Revenues (net of Revenue Taxes)	\$3,526,142	\$3,506,269	\$3,739,966	\$3,893,292	\$4,144,320	\$4,771,971	\$5,055,172	\$5,102,618	\$5,151,316	\$4,749,354	\$3,987,776	\$3,691,015	\$51,319,212
2	True-Up Provision (Order No. PSC-14-0643-FOF-EI)	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	1,262,748	15,152,979
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	\$4,788,890	4,769,017	5,002,714	5,156,040	5,407,068	6,034,720	6,317,920	6,365,366	6,414,064	6,012,102	5,250,525	4,953,764	66,472,191
4	Jurisdictional ECRC Costs													
	a. O & M Activities (Form 42-5E, Line 9)	\$2,261,276	3,308,076	3,001,928	2,882,870	3,020,190	2,307,839	3,491,803	3,701,012	3,543,366	3,342,029	2,991,418	4,161,811	38,013,623
	b. Capital Investment Projects (Form 42-7E, Line 9)	2,406,310	2,430,007	2,426,400	2,420,237	2,406,987	2,461,109	2,510,481	2,518,972	2,529,213	2,532,769	2,548,249	2,560,420	29,751,155
	c. Other (A)						(\$505,022)							(505,022)
	d. Total Jurisdictional ECRC Costs	\$4,667,587	\$5,738,084	\$5,428,328	\$5,303,107	\$5,427,178	\$4,263,927	\$6,002,284	\$6,219,984	\$6,072,579	\$5,874,799	\$5,539,667	\$6,722,231	67,259,756
5	Over/(Under) Recovery (Line 3 - Line 4d)	\$121,304	(969,066)	(425,614)	(147,067)	(20,109)	1,770,793	315,636	145,382	341,485	137,303	(289,143)	(1,768,468)	(787,565)
6	Interest Provision (Form 42-3E, Line 10)	1,280	1,145	989	649	662	726	620	548	477	405	311	151	7,963
7	Beginning Balance True-Up & Interest Provision	15,152,979	14,012,814	11,782,145	10,094,771	8,685,605	7,403,410	7,912,180	6,965,688	5,848,869	4,928,083	3,803,043	2,251,463	15,152,979
	a. Deferred True-Up - January 2014 to December 2014 (2014 TU filing dated 4/1/15)	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043
8	True-Up Collected/(Refunded) (Line 2)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(15,152,979)
9	End of Period Total True-Up (Lines 5+6+7+8)	\$15,431,857	13,201,188	11,513,814	10,104,648	8,822,453	9,331,223	8,384,731	7,267,913	6,347,126	5,222,086	3,670,506	639,441	639,441
10	Adjustments to Period Total True-Up Including Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
11	End of Period Total True-Up (Over/(Under) (Lines 9 + 10)	\$15,431,857	\$13,201,188	\$11,513,814	\$10,104,648	\$8,822,453	\$9,331,223	8,384,731	\$7,267,913	\$6,347,126	\$5,222,086	\$3,670,506	\$639,441	\$639,441

Notes:

(A) Other amount represents the retail portion of 2014 cost adjustments.

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42-3E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 4 of 28

Interest Provision
(in Dollars)

Line	Description	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Beginning True-Up Amount (Form 42-2E, Lines 7 + 7a + 10)	\$16,572,022	\$15,431,857	\$13,201,188	\$11,513,814	\$10,104,648	\$8,822,453	\$9,331,223	\$8,384,731	\$7,267,913	\$6,347,126	\$5,222,086	\$3,670,506	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2E, Lines 5 + 8)	15,430,577	13,200,043	11,512,825	10,103,999	8,821,791	9,330,497	8,384,111	7,267,365	6,346,649	5,221,681	3,670,195	639,290	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	32,002,600	28,631,900	24,714,013	21,617,814	18,926,439	18,152,950	17,715,334	15,652,096	13,614,562	11,568,807	8,892,281	4,309,796	
4	Average True-Up Amount (Line 3 x 1/2)	16,001,300	14,315,950	12,357,007	10,808,907	9,463,220	9,076,475	8,857,667	7,826,048	6,807,281	5,784,404	4,446,141	2,154,898	
5	Interest Rate (Last Business Day of Prior Month)	0.10%	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%
6	Interest Rate (Last Business Day of Current Month)	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%	0.08%
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.20%	0.19%	0.18%	0.15%	0.16%	0.18%	0.16%	0.16%	0.16%	0.16%	0.16%	0.16%	0.16%
8	Average Interest Rate (Line 7 x 1/2)	0.100%	0.095%	0.090%	0.075%	0.080%	0.090%	0.080%	0.080%	0.080%	0.080%	0.080%	0.080%	0.080%
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.008%	0.008%	0.008%	0.006%	0.007%	0.008%	0.007%	0.007%	0.007%	0.007%	0.007%	0.007%	0.007%
10	Interest Provision for the Month (Line 4 x Line 9)	\$1,280	\$1,145	\$989	\$649	\$662	\$726	\$620	\$548	\$477	\$405	\$311	\$151	\$7,963

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42 4E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. __ (TGF-3)
Page 5 of 28

Variance Report of O&M Activities
(In Dollars)

Line	Description	(1) Actual / Estimated	(2) Projection Filing	(3) Variance Amount	(4) Percent
1	O&M Activities - System				
1	Transmission Substation Environmental Investigation, Remediation and Pollution Prevention	\$1,275,359	\$737,004	\$538,355	73%
1a	Distribution Substation Environmental Investigation, Remediation and Pollution Prevention	(166,032)	777,000	(943,032)	-121%
2	Distribution System Environmental Investigation, Remediation and Pollution Prevention	58,344	16,000	42,344	265%
3	Pipeline Integrity Management - Bartow /Anclote Pipeline - Intm	516,698	497,610	19,088	4%
4	Above Ground Tank Secondary Containment	0	0	0	0%
5	SO2/NOx Emissions Allowances - Energy	3,614,732	2,158,534	1,456,198	67%
6	Phase II Cooling Water Intake 316(b) - Base	146,275	180,000	(33,725)	-19%
6.a	Phase II Cooling Water Intake 316(b) - Intm	130,350	140,000	(9,650)	-7%
7.2	CAIR/CAMR - Peaking	48,570	47,174	1,396	3%
7.4	CAIR/CAMR Crystal River - Base	15,306,635	16,017,101	(710,466)	-4%
7.4	CAIR/CAMR Crystal River - Energy	14,267,141	12,887,257	1,379,884	11%
7.4	CAIR/CAMR Crystal River - A&G	137,080	148,737	(11,658)	-8%
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	3,457	0	3,457	100%
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0%
8	Arsenic Groundwater Standard - Base	39,116	16,000	23,116	144%
9	Sea Turtle - Coastal Street Lighting - Distrib	1,132	1,200	(68)	-6%
11	Modular Cooling Towers - Base	0	0	0	0%
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0%
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0%
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0%
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0%
16	National Pollutant Discharge Elimination System (NPDES) - Energy	217,622	271,200	(53,578)	-20%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	585,126	431,723	153,403	36%
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	0	0	0	0%
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	3,748,826	3,799,988	(51,162)	-1%
18	Coal Combustion Residual (CCR) Rule - Energy	391,004	0	391,004	100%
2	Total O&M Activities - Recoverable Costs	\$40,321,435	\$38,126,529	\$2,194,906	6%
3	Recoverable Costs Allocated to Energy	22,827,908	19,548,702	3,279,206	17%
4	Recoverable Costs Allocated to Demand	\$17,493,527	\$18,577,827	(\$1,084,300)	-6%

Notes:

Column (1) - End of Period Totals on Form 42-5E
Column (2) - 2015 Projection Filing Form 42-2P
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42-5E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 6 of 28

O&M Activities
(in Dollars)

Line	Description	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	O&M Activities - System													
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	(\$18,825)	\$28,217	(\$15,474)	\$33,802	(\$23,735)	\$236,136	\$697,565	\$67,534	\$67,534	\$67,534	\$67,534	\$67,534	\$1,275,359
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	105,181	69,374	49,077	54,260	83,342	(210,344)	(514,256)	39,467	39,467	39,467	39,467	39,467	(166,032)
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	476	368	0	4,093	0	1,323	13,869	25,069	1,624	1,624	1,624	8,274	58,344
3	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intm	29,476	79,207	83,458	49,356	49,845	5,644	44,656	35,011	35,011	35,011	35,011	35,011	516,698
4	Above Ground Tank Secondary Containment - Peaking	0	0	0	0	0	0	0	0	0	0	0	0	0
5	SO2/NOx Emissions Allowances - Energy	(8,868)	(6,935)	(7,374)	(8,585)	(2,165)	2,130	6,537	9,890	8,606	9,144	(8,663)	(8,142)	(14,424)
5	NOx Emissions Allowances Regulatory Asset	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	3,629,156
6	Phase II Cooling Water Intake 316(b) - Base	0	35,625	0	15,836	14,814	17,400	0	20,867	20,867	20,867	0	0	146,275
6a	Phase II Cooling Water Intake 316(b) - Intm	30,255	(776)	22,264	20,009	18,523	657	0	0	0	0	0	39,417	130,350
7.2	CAIR/CAMR - Peaking	29,570	0	19,000	0	0	0	0	0	0	0	0	0	48,570
7.4	CAIR/CAMR Crystal River - Base	1,084,061	1,133,842	1,126,742	1,194,033	1,395,628	1,169,897	1,214,572	1,212,572	1,195,572	1,304,572	1,372,572	1,902,572	15,306,635
7.4	CAIR/CAMR Crystal River - Energy	741,862	930,348	1,377,092	1,275,650	1,009,776	793,128	1,234,626	1,470,883	1,429,691	1,523,973	1,042,896	1,437,217	14,267,141
7.4	CAIR/CAMR Crystal River - A&G	8,693	6,214	14,399	8,455	16,633	14,146	11,423	11,423	11,423	11,423	11,423	11,423	137,080
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	0	3,457	0	0	0	0	0	0	0	0	0	0	3,457
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Arsenic Groundwater Standard - Base	7,444	1,187	0	6,936	0	8,019	0	15,531	0	0	0	0	39,116
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	0	982	50	50	50	0	0	1,132
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
16	National Pollutant Discharge Elimination System (NPDES) - Energy	4,640	(16,114)	24,512	72,556	8,095	32,769	0	13,683	41,915	0	3,383	32,183	217,622
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	43,654	1,269	6,086	9,497	454	16,823	82,649	82,649	99,349	80,899	80,899	80,899	585,126
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	22,871	896,818	148,602	16,231	337,304	123,730	653,378	478,378	431,378	83,378	168,378	388,378	3,748,826
18.0	Coal Combustion Residual (CCR) Rule - Energy	0	0	0	0	0	0	110,302	104,702	44,000	44,000	44,000	44,000	391,004
2	Total O&M Activities - Recoverable Costs	\$2,382,920	\$3,464,531	\$3,150,814	\$3,054,559	\$3,210,944	\$2,513,887	\$3,858,734	\$3,890,140	\$3,728,917	\$3,524,372	\$3,160,954	\$4,380,664	\$40,321,435
3	Recoverable Costs Allocated to Energy	804,159	1,808,843	1,548,918	1,365,349	1,353,464	968,579	2,087,493	2,160,185	2,054,939	1,741,394	1,330,893	1,974,536	19,198,752
	Recoverable Costs Allocated to Energy - NOx Regulatory Asset	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	3,629,156
4	Recoverable Costs Allocated to Demand - Transm	(18,825)	28,217	(15,474)	33,802	(23,735)	236,136	697,565	67,534	67,534	67,534	67,534	67,534	1,275,359
	Recoverable Costs Allocated to Demand - Distrib	105,657	69,743	49,077	58,352	83,342	(209,021)	(499,405)	64,586	41,141	41,141	41,091	47,741	(106,556)
	Recoverable Costs Allocated to Demand - Prod-Base	1,091,505	1,170,653	1,126,742	1,216,805	1,410,443	1,195,316	1,214,572	1,248,970	1,216,438	1,325,438	1,372,572	1,902,572	15,492,027
	Recoverable Costs Allocated to Demand - Prod-Intm	59,732	78,431	105,722	69,365	68,369	6,301	44,656	35,011	35,011	35,011	35,011	74,428	647,049
	Recoverable Costs Allocated to Demand - Prod-Peaking	29,570	0	19,000	0	0	0	0	0	0	0	0	0	48,570
	Recoverable Costs Allocated to Demand - A&G	8,693	6,214	14,399	8,455	16,633	14,146	11,423	11,423	11,423	11,423	11,423	11,423	137,080
5	Retail Energy Jurisdictional Factor	0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187	
	Retail Energy Jurisdictional Factor - NOx Regulatory Asset	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	
6	Retail Transmission Demand Jurisdictional Factor	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
	Retail Production Demand Jurisdictional Factor - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Production Demand Jurisdictional Factor - Intm	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Production Demand Jurisdictional Factor - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
	Retail Production Demand Jurisdictional Factor - A&G	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	
7	Jurisdictional Energy Recoverable Costs (A)	779,391	1,772,485	1,512,673	1,316,333	1,282,407	925,961	2,031,865	2,096,921	1,992,834	1,690,252	1,295,911	1,938,735	18,635,768
	Retail Energy Jurisdictional Factor - NOx Regulatory Asset (A)	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	3,554,033
8	Jurisdictional Demand Recoverable Costs - Transm (B)	(13,215)	19,809	(10,863)	23,730	(16,663)	165,775	489,712	47,411	47,411	47,411	47,411	47,411	895,340
	Jurisdictional Demand Recoverable Costs - Distrib (B)	105,193	69,437	48,862	58,096	82,976	(208,103)	(497,213)	64,302	40,960	40,960	40,911	47,531	(106,088)
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,013,844	1,087,361	1,046,575	1,130,230	1,310,090	1,110,269	1,128,155	1,160,106	1,129,889	1,231,134	1,274,913	1,767,204	14,389,770
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	43,427	57,022	76,863	50,430	49,706	4,581	32,466	25,454	25,454	25,454	25,454	54,112	470,423
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	28,364	0	18,226	0	0	0	0	0	0	0	0	0	46,590
	Jurisdictional Demand Recoverable Costs - A&G (B)	8,103	5,793	13,423	7,882	15,505	13,187	10,649	10,649	10,649	10,649	10,649	10,649	127,787
9	Total Jurisdictional Recoverable Costs - O&M Activities (Lines 7 + 8)	\$2,261,276	\$3,308,076	\$3,001,928	\$2,882,870	\$3,020,190	\$2,307,839	\$3,491,803	\$3,701,012	\$3,543,366	\$3,342,029	\$2,991,418	\$4,161,811	\$38,013,623

Notes:

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

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42 6E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 7 of 28

Variance Report of Capital Investment Activities
(in Dollars)

Line	Description	(1) Actual / Estimated	(2) Projection Filing	(3) Variance Amount	(4) Percent
1	Capital Investment Activities - System				
3.x	Pipeline Integrity Management - Bartow/Anclole Pipeline	\$286,019	\$284,672	\$1,347	0%
4.x	Above Ground Tank Secondary Containment	1,747,450	1,792,602	(45,152)	-3%
5	SO2/NOx Emissions Allowances	1,279,248	1,351,895	(72,647)	-5%
7.x	CAIR/CAMR	800,444	837,763	(37,319)	-4%
7.5	Best Available Retrofit Technology (BART)	0	0	0	0%
9	Sea Turtle - Coastal Street Lighting	1,372	1,538	(166)	-11%
10.x	Underground Storage Tanks	27,877	29,233	(1,356)	-5%
11	Modular Cooling Towers	0	0	0	0%
11.1	Crystal River Thermal Discharge Compliance Project	6,019,823	5,994,976	24,847	0%
16	National Pollutant Discharge Elimination System (NPDES)	1,869,774	1,862,499	7,275	0%
17x	Mercury & Air Toxics Standards (MATS)	19,523,407	18,783,264	740,143	4%
18	Coal Combustion Residual (CCR) Rule	57,703	0	57,703	100%
2	Total Capital Investment Activities - Recoverable Costs	\$31,613,117	\$30,938,442	\$674,675	2%
3	Recoverable Costs Allocated to Energy	20,973,173	20,222,911	\$750,262	4%
4	Recoverable Costs Allocated to Demand	\$10,639,944	\$10,715,531	(\$75,587)	-1%

Notes:

Column (1) - End of Period Totals on Form 42-7E
Column (2) - 2015 Projection Filing Form 42-3P
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42-7E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 8 of 28

Capital Investment Projects-Recoverable Costs
(in Dollars)

Line	Description	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investment Projects - System (A)													
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intermediate	\$24,031	\$23,981	\$23,934	\$23,886	\$23,837	\$23,789	23,882	\$23,834	\$23,784	\$23,735	\$23,688	\$23,638	\$286,019
4.1	Above Ground Tank Secondary Containment - Peaking	119,125	118,842	118,558	118,274	117,989	117,706	118,077	117,791	117,502	117,217	116,928	116,643	1,414,652
4.2	Above Ground Tank Secondary Containment - Base	25,061	25,034	25,007	24,982	24,956	24,930	25,094	25,069	25,042	25,015	24,990	24,963	300,143
4.3	Above Ground Tank Secondary Containment - Intermediate	2,738	2,733	2,728	2,724	2,719	2,714	2,727	2,724	2,719	2,714	2,710	2,705	32,655
5	SO2/NOX Emissions Allowances - Energy	120,297	117,777	115,249	112,730	110,188	107,599	105,902	103,220	100,528	97,841	95,228	92,689	1,279,248
7.1	CAIR/CAMR Anclote- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	19,049	19,023	18,988	18,959	18,928	18,897	18,988	18,958	18,929	18,897	18,868	18,837	227,321
7.3	CAMR Crystal River - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
7.4	CAIR/CAMR Crystal River AFUDC - Base	35,607	35,658	35,773	36,024	36,296	36,428	36,826	41,640	41,613	41,547	41,480	41,416	460,308
7.4	CAIR/CAMR Crystal River AFUDC - Energy	9,950	9,531	9,257	8,918	8,997	9,604	9,794	9,439	9,401	9,305	9,279	9,338	112,815
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Sea Turtle - Coastal Street Lighting -Distribution	115	115	115	114	114	114	114	114	114	114	114	115	1,372
10.1	Underground Storage Tanks - Base	1,589	1,587	1,584	1,582	1,579	1,577	1,584	1,582	1,579	1,577	1,574	1,572	18,966
10.2	Underground Storage Tanks - Intermediate	750	748	747	745	743	742	743	742	741	738	737	735	8,911
11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (Post 2012) (B)	3,325	3,299	3,273	3,248	3,222	3,195	3,171	3,145	3,119	3,092	3,067	3,041	38,192
11.1	Crystal River Thermal Discharge Compliance Project - Base (2012) (B)	524,030	519,947	512,073	507,865	503,814	499,763	495,908	491,821	487,734	483,645	479,559	475,472	5,981,631
16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	157,034	156,748	156,636	156,539	156,451	155,720	155,983	155,552	155,243	154,933	154,622	154,313	1,869,774
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	7,680	8,801	8,403	9,308	10,666	11,448	13,270	20,282	32,895	35,685	36,649	37,396	232,485
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	1,441,130	1,441,351	1,440,182	1,438,514	1,436,454	1,434,657	1,442,706	1,440,600	1,438,494	1,436,388	1,434,282	1,432,176	17,256,928
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	69,846	82,002	96,056	119,162	142,065	191,208	204,238	213,113	217,839	222,265	235,304	240,893	2,033,994
18	Coal Combustion Residual (CCR) Rule	0	0	0	0	0	0	431	3,241	7,557	11,872	17,315	17,287	57,703
2	Total Investment Projects - Recoverable Costs	\$2,561,356	\$2,567,176	\$2,568,563	\$2,583,574	\$2,599,018	\$2,640,091	\$2,659,438	\$2,672,867	\$2,684,833	\$2,686,580	\$2,696,394	\$2,693,229	\$31,613,117
3	Recoverable Costs Allocated to Energy	1,648,903	1,659,462	1,669,147	1,688,632	1,708,371	1,754,516	1,776,341	1,789,895	1,806,714	1,813,356	1,828,057	1,829,779	20,973,173
	Recoverable Costs Allocated to Distribution Demand	115	115	115	114	114	114	114	114	114	114	114	115	1,372
4	Recoverable Costs Allocated to Demand - Production - Base	65,582	65,578	65,637	65,836	66,053	66,130	66,675	71,436	71,353	71,231	71,111	70,992	817,609
	Recoverable Costs Allocated to Demand - Production - Intermediate	184,553	184,210	184,045	183,894	183,750	182,965	183,335	182,852	182,487	182,120	181,757	181,391	2,197,359
	Recoverable Costs Allocated to Demand - Production - Peaking	138,174	137,865	137,546	137,233	136,917	136,603	137,065	136,749	136,431	136,114	135,796	135,480	1,641,973
	Recoverable Costs Allocated to Demand - Production - Base (2012)	524,030	519,947	512,073	507,865	503,814	499,763	495,908	491,821	487,734	483,645	479,559	475,472	5,981,631
5	Retail Energy Jurisdictional Factor	0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
6	Retail Demand Jurisdictional Factor - Production - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Demand Jurisdictional Factor - Production - Intermediate	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Demand Jurisdictional Factor - Production - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
	Retail Demand Jurisdictional Factor - Production - Base (2012)	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
7	Jurisdictional Energy Recoverable Costs (C)	1,598,116	1,626,106	1,630,089	1,628,010	1,618,681	1,677,318	1,729,005	1,737,475	1,752,111	1,760,101	1,780,006	1,796,604	20,333,622
	Jurisdictional Demand Recoverable Costs - Distribution (C)	114	114	114	113	113	113	113	113	113	113	113	114	1,366
8	Jurisdictional Demand Recoverable Costs - Production - Base (D)	60,915	60,912	60,967	61,151	61,353	61,424	61,931	66,353	66,276	66,163	66,051	65,941	759,436
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (D)	134,176	133,926	133,806	133,696	133,592	133,021	133,290	132,939	132,674	132,407	132,143	131,877	1,597,546
	Jurisdictional Demand Recoverable Costs - Production - Peaking (D)	132,542	132,246	131,940	131,639	131,336	131,035	131,478	131,175	130,870	130,566	130,261	129,958	1,575,046
	Jurisdictional Demand Recoverable Costs - Production - Base (2012) (D)	480,446	476,703	469,484	465,626	461,912	458,198	454,663	450,916	447,169	443,420	439,674	435,927	5,484,139
9	Total Jurisdictional Recoverable Costs - Investment Projects (Lines 7 + 8)	\$2,406,310	\$2,430,007	\$2,426,400	\$2,420,237	\$2,406,987	\$2,461,109	\$2,510,481	\$2,518,972	\$2,529,213	\$2,532,769	\$2,548,249	\$2,560,420	\$29,751,155

- Notes:
- (A) Each project's Total System Recoverable Expenses on Form 42-8E, Line 9; Form 42-8E, Line 5 for Projects 5 - Emission Allowances and Project 7. 4 - Reagents.
 - (B) The POD project spend and revenue requirements associated with 2012 and prior activities are jurisdictionalized using the 2012 Production Base Demand separation factor.
The revenue requirements associated with the 2013 period and after are jurisdictionalized using the 2013 Production Base Demand separation factor.
 - (C) Line 3 x Line 5
 - (D) Line 4 x Line 6

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	
3	Less: Accumulated Depreciation	(709,777)	(715,421)	(721,065)	(726,709)	(732,353)	(737,997)	(743,641)	(749,285)	(754,929)	(760,573)	(766,217)	(771,861)	(777,505)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$1,904,928	\$1,899,284	\$1,893,640	\$1,887,996	\$1,882,352	\$1,876,708	\$1,871,064	\$1,865,420	\$1,859,776	\$1,854,132	\$1,848,488	\$1,842,844	\$1,837,200	
6	Average Net Investment		\$1,902,106	\$1,896,462	\$1,890,818	\$1,885,174	\$1,879,530	\$1,873,886	\$1,868,242	\$1,862,598	\$1,856,954	\$1,851,310	\$1,845,666	\$1,840,022	
7	Return on Average Net Investment (B)														
	a. Debt Component		3,170	3,160	3,152	3,142	3,133	3,124	3,155	3,145	3,135	3,126	3,116	3,107	37,665
	b. Equity Component Grossed Up For Taxes		13,110	13,070	13,031	12,993	12,953	12,914	12,976	12,938	12,898	12,858	12,821	12,780	155,342
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	67,728
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	25,284
	e. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$24,031	\$23,981	\$23,934	\$23,886	\$23,837	\$23,789	\$23,882	\$23,834	\$23,784	\$23,735	\$23,688	\$23,638	286,019
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		24,031	23,981	23,934	23,886	23,837	23,789	23,882	23,834	23,784	23,735	23,688	23,638	286,019
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		17,471	17,435	17,401	17,366	17,330	17,295	17,363	17,328	17,292	17,256	17,222	17,186	207,944
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,471	\$17,435	\$17,401	\$17,366	\$17,330	\$17,295	\$17,363	\$17,328	\$17,292	\$17,256	\$17,222	\$17,186	\$207,944

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	
3	Less: Accumulated Depreciation	(2,407,191)	(2,440,418)	(2,473,645)	(2,506,872)	(2,540,099)	(2,573,326)	(2,606,553)	(2,639,780)	(2,673,007)	(2,706,234)	(2,739,461)	(2,772,688)	(2,805,915)	
4	CWIP - Non-Interest Bearing	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
5	Net Investment (Lines 2 + 3 + 4)	\$8,894,613	\$8,861,386	\$8,828,159	\$8,794,932	\$8,761,705	\$8,728,478	\$8,695,251	\$8,662,024	\$8,628,797	\$8,595,570	\$8,562,343	\$8,529,116	\$8,495,889	
6	Average Net Investment		\$8,877,999	\$8,844,772	\$8,811,545	\$8,778,318	\$8,745,091	\$8,711,864	\$8,678,637	\$8,645,410	\$8,612,183	\$8,578,956	\$8,545,729	\$8,512,502	
7	Return on Average Net Investment (B)														
	a. Debt Component		14,794	14,740	14,686	14,630	14,575	14,520	14,653	14,599	14,541	14,484	14,428	14,374	175,024
	b. Equity Component Grossed Up For Taxes		61,187	60,958	60,728	60,500	60,270	60,042	60,280	60,048	59,817	59,589	59,356	59,125	721,900
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	398,724
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	119,004
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$119,125	\$118,842	\$118,558	\$118,274	\$117,989	\$117,706	\$118,077	\$117,791	\$117,502	\$117,217	\$116,928	\$116,643	1,414,652
	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		119,125	118,842	118,558	118,274	117,989	117,706	118,077	117,791	117,502	117,217	116,928	116,643	1,414,652
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		114,269	113,998	113,726	113,453	113,180	112,908	113,264	112,990	112,713	112,439	112,162	111,889	1,356,991
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$114,269	\$113,998	\$113,726	\$113,453	\$113,180	\$112,908	\$113,264	\$112,990	\$112,713	\$112,439	\$112,162	\$111,889	\$1,356,991

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	2,399,039	
3	Less: Accumulated Depreciation	136,385	133,353	130,321	127,289	124,257	121,225	118,193	115,161	112,129	109,097	106,065	103,033	100,001	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2+ 3 + 4)	\$2,535,424	\$2,532,392	\$2,529,360	\$2,526,328	\$2,523,296	\$2,520,264	\$2,517,232	\$2,514,200	\$2,511,168	\$2,508,136	\$2,505,104	\$2,502,072	\$2,499,040	
6	Average Net Investment		\$2,533,908	\$2,530,876	\$2,527,844	\$2,524,812	\$2,521,780	\$2,518,748	\$2,515,716	\$2,512,684	\$2,509,652	\$2,506,620	\$2,503,588	\$2,500,556	
7	Return on Average Net Investment (B)														
	a. Debt Component		4,224	4,218	4,213	4,208	4,203	4,198	4,248	4,243	4,238	4,232	4,227	4,222	50,674
	b. Equity Component Grossed Up For Taxes		17,464	17,443	17,421	17,401	17,380	17,359	17,473	17,453	17,431	17,410	17,390	17,368	208,993
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	36,384
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		341	341	341	341	341	341	341	341	341	341	341	341	4,092
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$25,061	\$25,034	\$25,007	\$24,982	\$24,956	\$24,930	\$25,094	\$25,069	\$25,042	\$25,015	\$24,990	\$24,963	300,143
	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		25,061	25,034	25,007	24,982	24,956	24,930	25,094	25,069	25,042	25,015	24,990	24,963	300,143
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		23,278	23,253	23,228	23,205	23,180	23,156	23,309	23,285	23,260	23,235	23,212	23,187	278,788
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$23,278	\$23,253	\$23,228	\$23,205	\$23,180	\$23,156	\$23,309	\$23,285	\$23,260	\$23,235	\$23,212	\$23,187	\$278,788

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297
3	Less: Accumulated Depreciation	(53,886)	(54,411)	(54,936)	(55,461)	(55,986)	(56,511)	(57,036)	(57,561)	(58,086)	(58,611)	(59,136)	(59,661)	(60,186)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2+ 3 + 4)	\$236,412	\$235,887	\$235,362	\$234,837	\$234,312	\$233,787	\$233,262	\$232,737	\$232,212	\$231,687	\$231,162	\$230,637	\$230,112	
6	Average Net Investment		\$236,149	\$235,624	\$235,099	\$234,574	\$234,049	\$233,524	\$232,999	\$232,474	\$231,949	\$231,424	\$230,899	\$230,374	
7	Return on Average Net Investment (B)														
	a. Debt Component		394	393	392	391	390	389	393	393	392	391	390	389	4,697
	b. Equity Component Grossed Up For Taxes		1,628	1,624	1,620	1,617	1,613	1,609	1,618	1,615	1,611	1,607	1,604	1,600	19,366
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		191	191	191	191	191	191	191	191	191	191	191	191	2,292
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,738	\$2,733	\$2,728	\$2,724	\$2,719	\$2,714	\$2,727	\$2,724	\$2,719	\$2,714	\$2,710	\$2,705	32,655
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		2,738	2,733	2,728	2,724	2,719	2,714	2,727	2,724	2,719	2,714	2,710	2,705	32,655
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,991	1,987	1,983	1,980	1,977	1,973	1,983	1,980	1,977	1,973	1,970	1,967	23,741
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,991	\$1,987	\$1,983	\$1,980	\$1,977	\$1,973	\$1,983	\$1,980	\$1,977	\$1,973	\$1,970	\$1,967	\$23,741

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

SO2 and NOx EMISSIONS ALLOWANCES - Energy (Project 5)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total	
1	Working Capital Dr (Cr)															
	a. 0158150 SO ₂ Emission Allowance Inventory	\$3,551,712	\$3,541,054	\$3,528,463	\$3,518,291	\$3,507,286	\$3,489,908	\$3,468,236	\$3,442,156	\$3,412,724	\$3,384,575	\$3,355,889	\$3,345,009	\$3,333,608	\$3,333,608	
	b. 0254020 Auctioned SO ₂ Allowance	(238,548)	(219,021)	(199,495)	(179,969)	(160,378)	(140,836)	(121,293)	(101,751)	(82,209)	(62,666)	(43,124)	(23,581)	(4,039)	(4,039)	
	c. 0158170 NOx Emission Allowance Inventory	578,825	1,981	1,981	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)	10,310,625	10,585,040	10,282,610	9,980,180	9,677,751	9,375,321	9,072,891	8,770,461	8,468,032	8,165,602	7,863,172	7,560,743	7,258,313	7,258,313	
2	Total Working Capital	\$14,202,614	\$13,909,053	\$13,613,559	\$13,318,503	\$13,024,658	\$12,724,393	\$12,419,834	\$12,110,867	\$11,798,547	\$11,487,511	\$11,175,937	\$10,882,170	\$10,587,882	\$10,587,882	
3	Average Net Investment		\$14,055,834	\$13,761,306	\$13,466,031	\$13,171,580	\$12,874,526	\$12,572,113	\$12,265,350	\$11,954,707	\$11,643,029	\$11,331,724	\$11,029,054	\$10,735,026		
4	Return on Average Net Working Capital Balance (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.00%	2.03%	23,426	22,936	22,443	21,953	21,458	20,954	20,710	19,659	19,134	18,623	18,126	249,608	
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%	96,871	94,841	92,806	90,777	88,730	86,645	85,192	83,034	80,869	78,707	76,605	1,029,640	
5	Total Return Component (C)			\$120,297	\$117,777	\$115,249	\$112,730	\$110,188	\$107,599	\$105,902	\$103,220	\$100,528	\$97,841	\$95,228	\$92,689	1,279,248
6	Expense Dr (Cr)															
	a. 0509030 SO ₂ Allowance Expense		\$10,658	\$12,591	\$10,172	\$11,005	\$17,378	\$21,672	\$26,080	\$29,433	\$28,149	\$28,686	\$10,880	\$11,401	218,104	
	b. 0407426 Amortization Expense		(19,526)	(19,526)	(19,526)	(19,590)	(19,542)	(19,542)	(19,542)	(19,542)	(19,542)	(19,542)	(19,542)	(19,542)	(234,509)	
	c. 0 509212 NOx Allowance Expense		0	0	1,981	0	0	0	0	0	0	0	0	0	1,981	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
7	Net Expense (D)		(8,868)	(6,935)	(7,374)	(8,585)	(2,165)	2,130	6,537	9,890	8,606	9,144	(8,663)	(8,142)	(14,424)	
8	Amortization of NOx CAIR Emission Allowances (A)		302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	3,629,156	
9	Total System Recoverable Expenses (Lines 5 + 7)		\$413,858	\$413,271	\$410,305	\$406,575	\$410,453	\$412,158	\$414,869	\$415,540	\$411,564	\$409,415	\$388,995	\$386,977	4,893,980	
	a. Recoverable Costs Allocated to Energy		111,429	110,842	107,875	104,145	108,023	109,729	112,439	113,110	109,134	106,985	86,565	84,547	1,264,824	
	b. Recoverable Costs Allocated to Energy - NOx CAIR Emission Allowances (A)		302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	302,430	3,629,156	
10	Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187		
11	NOx Regulatory Asset Energy Factor (12/2014) (A)		0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930	0.97930		
12	Retail Energy-Related Recoverable Costs (E)		\$107,997	\$108,614	\$105,351	\$100,406	\$102,352	\$104,901	\$109,443	\$109,798	\$105,836	\$103,843	\$84,290	\$83,014	1,225,844	
13	NOx CAIR Emission Allowances Recoverable Costs (A)		296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	3,554,033	
14	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 404,166	\$ 404,783	\$ 401,520	\$ 396,575	\$ 398,522	\$ 401,070	\$ 405,612	\$ 405,967	\$ 402,005	\$ 400,012	\$ 380,459	\$ 379,184	\$ 4,779,877	

Notes:

- (A) \$10,889,450 (\$578,825 Line 1c Beg Bal + \$10,310,625 Line 1d Beg Bal) unusable NOx emission allowances due expiration of Clean Air Interstate Rule (CAIR) on 12/31/14 replaced by Cross State Air Pollution Rule (CSAPR) on 1/1/15. DEF is treating these costs as a regulatory asset and amortizing these costs over 3 years consistent with Order No. PSC-11-0553-FOF-EI.
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 5 is reported on Capital Schedule
- (D) Line 7 is reported on O&M Schedule
- (E) Line 9 x Line 10
- (F) Line 8b x Line 10

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42-8E
Page 6 of 19

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 14 of 28

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	
3	Less: Accumulated Depreciation	1,745,561	1,742,011	1,738,461	1,734,911	1,731,361	1,727,811	1,724,261	1,720,711	1,717,161	1,713,611	1,710,061	1,706,511	1,702,961	
4	CWIP - Non-Interest Bearing	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	(275,023)	
5	Net Investment (Lines 2 + 3 + 4)	\$1,632,292	\$1,628,742	\$1,625,192	\$1,621,642	\$1,618,092	\$1,614,542	\$1,610,992	\$1,607,442	\$1,603,892	\$1,600,342	\$1,596,792	\$1,593,242	\$1,589,692	
6	Average Net Investment		\$1,630,517	\$1,626,967	\$1,623,417	\$1,619,867	\$1,616,317	\$1,612,767	\$1,609,217	\$1,605,667	\$1,602,117	\$1,598,567	\$1,595,017	\$1,591,467	
7	Return on Average Net Investment (B)														
	a. Debt Component		2,717	2,714	2,705	2,700	2,694	2,688	2,717	2,711	2,706	2,699	2,693	2,688	32,432
	b. Equity Component Grossed Up For Taxes		11,237	11,214	11,188	11,164	11,139	11,114	11,176	11,152	11,128	11,103	11,080	11,054	133,749
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	42,600
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	18,540
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$19,049	\$19,023	\$18,988	\$18,959	\$18,928	\$18,897	\$18,988	\$18,958	\$18,929	\$18,897	\$18,868	\$18,837	227,321
	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		19,049	19,023	18,988	18,959	18,928	18,897	18,988	18,958	18,929	18,897	18,868	18,837	227,321
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		18,273	18,248	18,214	18,186	18,156	18,127	18,214	18,185	18,157	18,127	18,099	18,069	218,055
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$18,273	\$18,248	\$18,214	\$18,186	\$18,156	\$18,127	\$18,214	\$18,185	\$18,157	\$18,127	\$18,099	\$18,069	\$218,055

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$6,058	\$12,003	\$21,452	\$43,572	\$26,097	\$11,157	\$20,000	\$8,843	\$0	\$0	\$0	\$0	\$149,183
	b. Clearings to Plant		0	0	0	0	0	0	2,144,255	8,843	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$1,797,770	1,797,770	1,797,770	1,797,770	1,797,770	1,797,770	1,797,770	3,942,024	3,950,867	3,950,867	3,950,867	3,950,867	3,950,867	
3	Less: Accumulated Depreciation	(45,950)	(49,147)	(52,344)	(55,541)	(58,738)	(61,935)	(65,132)	(68,329)	(75,957)	(83,585)	(91,213)	(98,841)	(106,469)	
4	CWIP - Non-Interest Bearing	2,003,915	2,009,973	2,021,976	2,043,427	2,087,000	2,113,097	2,124,255	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$3,755,735	\$3,758,596	\$3,767,402	\$3,785,657	\$3,826,032	\$3,848,933	\$3,856,893	\$3,873,696	\$3,874,911	\$3,867,283	\$3,859,655	\$3,852,027	\$3,844,399	
6	Average Net Investment		\$3,757,165	\$3,762,999	\$3,776,529	\$3,805,844	\$3,837,482	\$3,852,913	\$3,865,294	\$3,874,303	\$3,871,097	\$3,863,469	\$3,855,841	\$3,848,213	
7	Return on Average Net Investment (B)														
	a. Debt Component		6,261	6,272	6,294	6,343	6,396	6,422	6,527	6,541	6,536	6,524	6,510	6,498	77,124
	b. Equity Component Grossed Up For Taxes		25,894	25,934	26,027	26,229	26,448	26,554	26,847	26,910	26,888	26,834	26,781	26,729	318,075
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,197	3,197	3,197	3,197	3,197	3,197	3,197	7,628	7,628	7,628	7,628	7,628	60,519
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		255	255	255	255	255	255	255	561	561	561	561	561	4,590
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$35,607	\$35,658	\$35,773	\$36,024	\$36,296	\$36,428	\$36,826	\$41,640	\$41,613	\$41,547	\$41,480	\$41,416	460,308
	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		35,607	35,658	35,773	36,024	36,296	36,428	36,826	41,640	41,613	41,547	41,480	41,416	460,308
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		33,074	33,121	33,228	33,461	33,714	33,836	34,206	38,677	38,652	38,591	38,529	38,469	427,557
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$33,074	\$33,121	\$33,228	\$33,461	\$33,714	\$33,836	\$34,206	\$38,677	\$38,652	\$38,591	\$38,529	\$38,469	\$427,557

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property taxes calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42-8E
Page 8 of 19

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 16 of 28

Schedule of Amortization and Return
For Project: CAIR/CAMR - Energy (Project 7.4 - Reagents and By-Products)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0154401 Ammonia Inventory	\$358,058	\$213,381	\$145,932	\$76,722	\$185,870	\$219,806	\$269,526	\$185,206	\$185,206	\$185,206	\$185,206	\$185,206	\$185,206	\$185,206
	b. 0154200 Limestone Inventory	853,417	900,378	967,621	972,915	848,430	848,430	906,551	907,388	908,556	898,712	886,345	892,664	900,036	900,036
2	Total Working Capital	\$1,211,475	\$1,113,760	\$1,113,553	\$1,049,637	\$1,034,300	\$1,068,236	\$1,176,077	\$1,092,594	\$1,093,762	\$1,083,918	\$1,071,551	\$1,077,870	\$1,085,242	1,085,242
3	Average Net Investment		1,162,618	1,113,656	1,081,595	1,041,969	1,051,268	1,122,157	1,134,336	1,093,178	1,088,840	1,077,734	1,074,710	1,081,556	
4	Return on Average Net Working Capital Balance (A)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
5	Total Return Component (B)		1,938	1,856	1,803	1,737	1,752	1,870	1,915	1,846	1,839	1,820	1,815	1,826	\$22,016
			8,013	7,675	7,454	7,181	7,245	7,734	7,879	7,593	7,563	7,486	7,465	7,512	90,799
			9,950	9,531	9,257	8,918	8,997	9,604	9,794	9,439	9,401	9,305	9,279	9,338	112,815
6	Expense Dr (Cr)														
	a. 0502030 Ammonia Expense		336,452	371,240	632,960	416,443	397,689	510,591	442,256	443,771	427,726	452,345	291,840	427,905	5,151,217
	b. 0502040 Limestone Expense		224,414	276,877	461,037	487,554	547,044	432,768	414,987	420,796	410,375	436,850	282,783	416,914	4,812,400
	c. 0502050 Dibasic Acid Expense		0	0	0	0	0	0	0	0	0	22,000	0	0	22,000
	d. 0502070 Gypsum Disposal/Sale		44,201	116,724	(30,496)	70,071	(74,756)	(474,028)	(19,000)	207,389	207,389	207,389	207,389	207,389	669,660
	b. 0502040 Hydrated Lime Expense		136,075	162,321	299,567	301,583	122,658	303,539	381,383	383,927	369,201	390,389	245,884	370,010	3,466,536
	f. 0502300 Caustic Expense		720	3,186	14,024	0	17,140	20,257	15,000	15,000	15,000	15,000	15,000	15,000	145,329
7	Net Expense (C)		741,862	930,348	1,377,092	1,275,650	1,009,776	793,128	1,234,626	1,470,883	1,429,691	1,523,973	1,042,896	1,437,217	14,267,141
8	Total System Recoverable Expenses (Lines 5 + 7)		\$751,812	\$939,879	\$1,386,349	\$1,284,568	\$1,018,773	\$802,732	\$1,244,420	\$1,480,322	\$1,439,092	\$1,533,278	\$1,052,175	\$1,446,556	14,379,956
	a. Recoverable Costs Allocated to Energy		751,812	939,879	1,386,349	1,284,568	1,018,773	802,732	1,244,420	1,480,322	1,439,092	1,533,278	1,052,175	1,446,556	14,379,956
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Retail Energy-Related Recoverable Costs (D)		728,657	920,988	1,353,908	1,238,452	965,288	767,412	1,211,259	1,436,968	1,395,599	1,488,248	1,024,518	1,420,328	13,951,624
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 728,657	\$ 920,988	\$ 1,353,908	\$ 1,238,452	\$ 965,288	\$ 767,412	\$ 1,211,259	\$ 1,436,968	\$ 1,395,599	\$ 1,488,248	\$ 1,024,518	\$ 1,420,328	\$ 13,951,624

Notes:

(A) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).

See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.

(B) Line 5 is reported on Capital Schedule

(C) Line 7 is reported on O&M Schedule

(D) Line 8a x Line 9

(E) Line 8b x Line 10

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	(\$0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)	(\$0)
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun	2.00%	Jul-Dec	2.03%	0	0	0	0	0	0	0	0	0	0
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%	0	0	0	0	0	0	0	0	0	0	0	0
	c. Other (G)			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.5600%		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D) 0.008573		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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 Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$150	\$300
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$11,324	11,324	11,324	11,324	11,324	11,324	11,324	11,324	11,324	11,324	11,324	11,324	11,324	
3	Less: Accumulated Depreciation	(2,307)	(2,336)	(2,365)	(2,394)	(2,423)	(2,452)	(2,481)	(2,510)	(2,539)	(2,568)	(2,597)	(2,626)	(2,655)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	150	300	
5	Net Investment (Lines 2 + 3 + 4)	\$9,017	\$8,988	\$8,959	\$8,930	\$8,901	\$8,872	\$8,843	\$8,814	\$8,785	\$8,756	\$8,727	\$8,848	\$8,969	
6	Average Net Investment		\$9,002	\$8,973	\$8,944	\$8,915	\$8,886	\$8,857	\$8,828	\$8,799	\$8,770	\$8,741	\$8,787	\$8,908	
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun	2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		15	15	15	15	15	15	15	15	15	15	15	15	180
	c. Other		62	62	62	61	61	61	61	61	61	61	61	62	736
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.0658%		29	29	29	29	29	29	29	29	29	29	29	29	348
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D) 0.009035		9	9	9	9	9	9	9	9	9	9	9	9	108
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$115	\$115	\$115	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$115	1,372
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$115	\$115	\$115	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$114	\$115	1,372
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - (Distribution)		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		114	114	114	113	113	113	113	113	113	113	113	114	1,366
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$114	\$114	\$114	\$113	\$113	\$113	\$113	\$113	\$113	\$113	\$113	\$114	\$1,366

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	
3	Less: Accumulated Depreciation	(31,792)	(32,088)	(32,384)	(32,680)	(32,976)	(33,272)	(33,568)	(33,864)	(34,160)	(34,456)	(34,752)	(35,048)	(35,344)	
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)	\$137,149	\$136,853	\$136,557	\$136,261	\$135,965	\$135,669	\$135,373	\$135,077	\$134,781	\$134,485	\$134,189	\$133,893	\$133,597	
6	Average Net Investment		\$137,001	\$136,705	\$136,409	\$136,113	\$135,817	\$135,521	\$135,225	\$134,929	\$134,633	\$134,337	\$134,041	\$133,745	
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun	2.00%	Jul-Dec	2.03%										
	b. Equity Component Grossed Up For Taxes		944	942	940	938	936	934	939	937	935	933	931	929	2,724
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	11,238
8	Investment Expenses														
	a. Depreciation (C) 2.1000%		296	296	296	296	296	296	296	296	296	296	296	296	3,552
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D) 0.008573		121	121	121	121	121	121	121	121	121	121	121	121	1,452
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,589	\$1,587	\$1,584	\$1,582	\$1,579	\$1,577	\$1,584	\$1,582	\$1,579	\$1,577	\$1,574	\$1,572	18,966
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,589	\$1,587	\$1,584	\$1,582	\$1,579	\$1,577	\$1,584	\$1,582	\$1,579	\$1,577	\$1,574	\$1,572	18,966
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,476	1,474	1,471	1,469	1,467	1,465	1,471	1,469	1,467	1,465	1,462	1,460	17,617
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,476	\$1,474	\$1,471	\$1,469	\$1,467	\$1,465	\$1,471	\$1,469	\$1,467	\$1,465	\$1,462	\$1,460	\$17,617

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42-8E
Page 12 of 19

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. ___ (TGF-3)
Page 20 of 28

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	
3	Less: Accumulated Depreciation	(19,349)	(19,552)	(19,755)	(19,958)	(20,161)	(20,364)	(20,567)	(20,770)	(20,973)	(21,176)	(21,379)	(21,582)	(21,785)	
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)	\$56,657	\$56,454	\$56,251	\$56,048	\$55,845	\$55,642	\$55,439	\$55,236	\$55,033	\$54,830	\$54,627	\$54,424	\$54,221	
6	Average Net Investment		\$56,556	\$56,353	\$56,150	\$55,947	\$55,744	\$55,541	\$55,338	\$55,135	\$54,932	\$54,729	\$54,526	\$54,323	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other		94	94	94	93	93	93	93	93	93	92	92	92	1,116
			390	388	387	386	384	383	384	383	382	380	379	377	4,603
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.2000%		203	203	203	203	203	203	203	203	203	203	203	203	2,436
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D) 0.009890		63	63	63	63	63	63	63	63	63	63	63	63	756
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$750	\$748	\$747	\$745	\$743	\$742	\$743	\$742	\$741	\$738	\$737	\$735	8,911
	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		\$750	\$748	\$747	\$745	\$743	\$742	\$743	\$742	\$741	\$738	\$737	\$735	8,911
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		545	544	543	542	540	539	540	539	539	537	536	534	6,479
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$545	\$544	\$543	\$542	\$540	\$539	\$540	\$539	\$539	\$537	\$536	\$534	\$6,479

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Return on Capital Investments, Depreciation and Taxes
For Project: CRYSTAL RIVER THERMAL DISCHARGE COMPLIANCE PROJECT - AFUDC - Base (Project 11.1) - 2012 and Prior Year Spend
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	(36,519)	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$5,724,328	5,724,328	5,247,301	4,733,754	4,260,379	3,787,003	3,313,628	2,840,253	2,366,877	1,893,502	1,420,126	946,751	473,375	
3	Less: Amortization (B)	0	(477,027)	(477,027)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$5,724,328	\$5,247,301	\$4,770,273	\$4,260,379	\$3,787,003	\$3,313,628	\$2,840,253	\$2,366,877	\$1,893,502	\$1,420,126	\$946,751	\$473,375	(\$0)	
6	Average Net Investment		\$5,485,814	\$5,008,787	\$4,515,326	\$4,023,691	\$3,550,316	\$3,076,940	\$2,603,565	\$2,130,189	\$1,656,814	\$1,183,439	\$710,063	\$236,688	
7	Return on Average Net Investment (C)														
	a. Debt Component		9,143	8,348	7,526	6,706	5,917	5,129	4,396	3,597	2,798	1,998	1,199	400	57,157
	b. Equity Component Grossed Up For Taxes		37,808	34,520	31,119	27,731	24,469	21,206	18,084	14,796	11,508	8,219	4,932	1,644	236,036
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)		477,027	477,027	473,375	473,375	473,375	473,375	473,375	473,375	473,375	473,375	473,375	473,375	5,687,809
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		52	52	52	52	52	52	52	52	52	52	52	52	625
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$524,030	\$519,947	\$512,073	\$507,865	\$503,814	\$499,763	\$495,908	\$491,821	\$487,734	\$483,645	\$479,559	\$475,472	5,981,631
	a. Recoverable Costs Allocated to Demand (2012)		524,030	519,947	512,073	507,865	503,814	499,763	495,908	491,821	487,734	483,645	479,559	475,472	5,981,631
	b. Recoverable Costs Allocated to Demand (2013)		0	0	0	0	0	0	0	0	0	0	0	0	0
10	Demand Jurisdictional Factor - Production (Base) (2012) (E)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
11	Demand Jurisdictional Factor - Production (Base) (2013) (E)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Demand-Related Recoverable Costs (2012) (F)		\$480,446	\$476,703	\$469,484	\$465,626	\$461,912	\$458,198	\$454,663	\$450,916	\$447,169	\$443,420	\$439,674	\$435,927	\$5,484,138
13	Retail Demand-Related Recoverable Costs (2013) (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$480,446	\$476,703	\$469,484	\$465,626	\$461,912	\$458,198	\$454,663	\$450,916	\$447,169	\$443,420	\$439,674	\$435,927	\$5,484,138

Notes:

- (A) N/A
- (B) Investment amortized over three years in accordance with Order No. PSC-13-0381-PAA-EI.
- (C) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (D) Property taxes calculated in CR Thermal Discharge Project section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) The POD project spend and revenue requirements associated with 2012 and prior activities are jurisdictionalized using the 2012 Production Base Demand separation factor. The revenue requirements associated with the 2013 period and after are jurisdictionalized using the 2013 Production Base Demand separation factor.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Return on Capital Investments, Depreciation and Taxes
For Project: CRYSTAL RIVER THERMAL DISCHARGE COMPLIANCE PROJECT - AFUDC - Base (Project 11.1) - Post 2012 Spend
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$36,319	36,319	33,292	30,266	27,239	24,213	21,186	18,159	15,133	12,106	9,080	6,053	3,027	
3	Less: Amortization (B)	0	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$36,319	\$33,292	\$30,266	\$27,239	\$24,213	\$21,186	\$18,159	\$15,133	\$12,106	\$9,080	\$6,053	\$3,027	(\$0)	
6	Average Net Investment		\$34,806	\$31,779	\$28,752	\$25,726	\$22,699	\$19,673	\$16,646	\$13,620	\$10,593	\$7,566	\$4,540	\$1,513	
7	Return on Average Net Investment (C)														
	a. Debt Component		58	53	48	43	38	32	28	23	18	12	8	3	364
	b. Equity Component Grossed Up For Taxes		240	219	198	178	157	136	116	95	74	53	32	11	1,509
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)		3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	36,319
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,325	\$3,299	\$3,273	\$3,248	\$3,222	\$3,195	\$3,171	\$3,145	\$3,119	\$3,092	\$3,067	\$3,041	38,192
	a. Recoverable Costs Allocated to Demand (2012)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand (2013)		\$3,325	\$3,299	\$3,273	\$3,248	\$3,222	\$3,195	\$3,171	\$3,145	\$3,119	\$3,092	\$3,067	\$3,041	38,192
10	Demand Jurisdictional Factor - Production (Base) (2012) (E)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
11	Demand Jurisdictional Factor - Production (Base) (2013) (E)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Demand-Related Recoverable Costs (2012) (F)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (2013) (G)		\$3,088	\$3,064	\$3,040	\$3,017	\$2,992	\$2,967	\$2,945	\$2,921	\$2,897	\$2,872	\$2,848	\$2,824	35,475
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$3,088	\$3,064	\$3,040	\$3,017	\$2,992	\$2,967	\$2,945	\$2,921	\$2,897	\$2,872	\$2,848	\$2,824	\$35,475

Notes:

- (A) N/A
- (B) Investment amortized over three years in accordance with Order No. PSC-13-0381-PAA-EI.
- (C) Jan - Jun 2014 Line 6 x 10.39% x 1/12. Jul - Dec 2014 Line 6 x 10.27% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% (Jan-Jun) or 5.08% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (D) N/A
- (E) The POD project spend and revenue requirements associated with 2012 and prior activities are jurisdictionalized using the 2012 Production Base Demand separation factor. The revenue requirements associated with the 2013 period and after are jurisdictionalized using the 2013 Production Base Demand separation factor.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		(\$35,679)	\$22,117	\$12,770	\$19,778	\$17,268	(\$62,938)	(\$28,062)	\$0	\$0	\$0	\$0	\$0	(\$54,746)
	b. Clearings to Plant		(35,679)	22,117	12,770	19,778	17,268	(62,938)	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$12,949,257	12,913,579	12,935,695	12,948,466	12,968,244	12,985,511	12,922,573	12,922,573	12,922,573	12,922,573	12,922,573	12,922,573	12,922,573	12,922,573
3	Less: Accumulated Depreciation	0	(35,871)	(71,803)	(107,771)	(143,794)	(179,865)	(215,761)	(251,657)	(287,553)	(323,449)	(359,345)	(395,241)	(431,137)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	(28,062)	(28,062)	(28,062)	(28,062)	(28,062)	(28,062)	
5	Net Investment (Lines 2 + 3 + 4)	\$12,949,257	\$12,877,708	\$12,863,892	\$12,840,695	\$12,824,450	\$12,805,646	\$12,706,812	\$12,642,854	\$12,606,958	\$12,571,062	\$12,535,166	\$12,499,270	\$12,463,374	
6	Average Net Investment		\$12,913,482	\$12,870,800	\$12,852,293	\$12,832,572	\$12,815,048	\$12,756,229	\$12,674,833	\$12,624,906	\$12,589,010	\$12,553,114	\$12,517,218	\$12,481,322	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other														
			21,522	21,451	21,420	21,388	21,358	21,260	21,401	21,317	21,257	21,196	21,135	21,075	255,780
			88,998	88,704	88,576	88,440	88,320	87,914	88,036	87,689	87,440	87,191	86,941	86,692	1,054,941
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.3333%		35,871	35,932	35,968	36,023	36,071	35,896	35,896	35,896	35,896	35,896	35,896	35,896	431,137
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D) 0.009890		10,643	10,661	10,672	10,688	10,702	10,650	10,650	10,650	10,650	10,650	10,650	10,650	127,916
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$157,034	\$156,748	\$156,636	\$156,539	\$156,451	\$155,720	\$155,983	\$155,552	\$155,243	\$154,933	\$154,622	\$154,313	1,869,774
	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		\$157,034	\$156,748	\$156,636	\$156,539	\$156,451	\$155,720	\$155,983	\$155,552	\$155,243	\$154,933	\$154,622	\$154,313	1,869,774
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		114,168	113,960	113,879	113,809	113,745	113,213	113,404	113,091	112,866	112,641	112,415	112,190	1,359,382
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$114,168	\$113,960	\$113,879	\$113,809	\$113,745	\$113,213	\$113,404	\$113,091	\$112,866	\$112,641	\$112,415	\$112,190	\$1,359,382

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$30,431	\$9,608	\$32,461	\$199,244	\$82,915	\$102,779	\$301,204	\$1,326,204	\$476,204	\$126,204	\$76,204	\$76,204	\$2,839,659
	b. Clearings to Plant		497,491	6,929	16,452	46,672	909	0	0	2,078,353	476,204	126,204	76,204	76,204	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$263,323	760,814	767,743	784,195	830,867	831,776	831,776	831,776	2,910,128	3,386,332	3,512,536	3,588,739	3,664,943	
3	Less: Accumulated Depreciation	(11,074)	(11,620)	(13,052)	(14,513)	(15,904)	(17,448)	(18,992)	(20,536)	(22,080)	(28,126)	(34,395)	(40,798)	(47,336)	
4	CWIP - Non-Interest Bearing	561,960	94,901	97,579	113,589	266,161	348,167	450,946	752,149	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)	\$814,209	\$844,095	\$852,271	\$883,271	\$1,081,123	\$1,162,495	\$1,263,729	\$1,563,389	\$2,888,048	\$3,358,206	\$3,478,140	\$3,547,941	\$3,617,607	
6	Average Net Investment		\$829,152	\$848,183	\$867,771	\$982,197	\$1,121,809	\$1,213,112	\$1,413,559	\$2,225,719	\$3,123,127	\$3,418,173	\$3,513,041	\$3,582,774	
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun	2.00%	Jul-Dec	2.03%										
	b. Equity Component Grossed Up For Taxes		8.27%		8.33%										
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) Blended		546	1,432	1,461	1,391	1,544	1,544	1,544	1,544	6,046	6,269	6,403	6,537	36,262
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D) 0.001703		38	109	112	108	118	118	118	118	481	498	509	520	2,847
	e. Other (E)		0	0	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(5,967)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,680	\$8,801	\$8,403	\$9,308	\$10,666	\$11,448	\$13,270	\$20,282	\$32,895	\$35,685	\$36,649	\$37,396	232,485
	a. Recoverable Costs Allocated to Energy		7,680	8,801	8,403	9,308	10,666	11,448	13,270	20,282	32,895	35,685	36,649	37,396	232,485
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
12	Retail Energy-Related Recoverable Costs (F)		\$7,443	\$8,624	\$8,207	\$8,974	\$10,106	\$10,945	\$12,917	\$19,688	\$31,901	\$34,637	\$35,685	\$36,718	\$225,845
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$7,443	\$8,624	\$8,207	\$8,974	\$10,106	\$10,945	\$12,917	\$19,688	\$31,901	\$34,637	\$35,685	\$36,718	\$225,845

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 990007-EI, Order No. PSC-99-2513-FOF-EI.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$204,857	\$211,629	\$1,865	\$60,882	(\$34,562)	\$64,739	\$0	\$0	\$0	\$0	\$0	\$0	\$509,410	
	b. Clearings to Plant		204,857	211,629	1,865	60,882	(34,562)	64,739	0	0	0	0	0	0		
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0		
	d. Other - AFUDC (A)		0	0	0	0	0	0	0	0	0	0	0	0		
2	Plant-in-Service/Depreciation Base	\$134,240,865	134,445,722	134,657,351	134,659,216	134,720,098	134,685,536	134,750,275	134,750,275	134,750,275	134,750,275	134,750,275	134,750,275	134,750,275		
3	Less: Accumulated Depreciation	(2,898,693)	(3,142,062)	(3,385,814)	(3,629,570)	(3,873,436)	(4,117,239)	(4,361,159)	(4,605,079)	(4,848,999)	(5,092,919)	(5,336,839)	(5,580,759)	(5,824,679)		
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3)	\$131,342,171	\$131,303,660	\$131,271,537	\$131,029,646	\$130,846,662	\$130,568,297	\$130,389,116	\$130,145,196	\$129,901,276	\$129,657,356	\$129,413,436	\$129,169,516	\$128,925,596		
6	Average Net Investment		\$131,322,916	\$131,287,598	\$131,150,591	\$130,938,154	\$130,707,479	\$130,478,706	\$130,267,156	\$130,023,236	\$129,779,316	\$129,535,396	\$129,291,476	\$129,047,556		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.00%	2.03%	218,872	218,813	218,584	218,230	217,846	217,465	219,956	219,544	219,132	218,721	218,309	217,897	2,623,369
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%	905,061	904,818	903,873	902,409	900,819	899,243	904,801	903,107	901,413	899,718	898,024	896,330	10,819,616
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
	a. Depreciation (C) 2.1722%		243,369	243,752	243,756	243,866	243,803	243,920	243,920	243,920	243,920	243,920	243,920	243,920	2,925,986	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A							
	d. Property Taxes (D) 0.007910		88,622	88,762	88,763	88,803	88,780	88,823	88,823	88,823	88,823	88,823	88,823	88,823	1,065,491	
	e. Other (E)		(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(177,534)	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,441,130	\$1,441,351	\$1,440,182	\$1,438,514	\$1,436,454	\$1,434,657	\$1,442,706	\$1,440,600	\$1,438,494	\$1,436,388	\$1,434,282	\$1,432,176	17,256,928	
	a. Recoverable Costs Allocated to Energy		1,441,130	1,441,351	1,440,182	1,438,514	1,436,454	1,434,657	1,442,706	1,440,600	1,438,494	1,436,388	1,434,282	1,432,176	17,256,928	
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0	
10	Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187		
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A								
12	Retail Energy-Related Recoverable Costs (F)		\$1,396,743	\$1,412,379	\$1,406,481	\$1,386,871	\$1,361,040	\$1,371,532	\$1,404,260	\$1,398,410	\$1,395,019	\$1,394,203	\$1,396,581	\$1,406,209	\$16,729,728	
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,396,743	\$1,412,379	\$1,406,481	\$1,386,871	\$1,361,040	\$1,371,532	\$1,404,260	\$1,398,410	\$1,395,019	\$1,394,203	\$1,396,581	\$1,406,209	\$16,729,728	

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 990007-EI, Order No. PSC-99-2513-FOF-EI.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$370,429	\$654,647	\$2,928,591	\$2,543,601	\$2,847,982	\$979,605	\$1,510,648	\$650,648	\$359,648	\$772,648	\$712,648	\$702,648	\$15,033,744	
	b. Clearings to Plant		2,459,343	26,871	98,322	(43,556)	9,512,569	740,095	440,000	254,636	0	2,207,105	0	520,000		
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0		
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0		
2	Plant-in-Service/Depreciation Base	\$3,854,841	6,314,184	6,341,055	6,439,376	6,395,820	15,908,389	16,648,484	17,088,484	17,343,120	17,343,120	19,550,225	19,550,225	20,070,225		
3	Less: Accumulated Depreciation	(16,418)	(28,414)	(47,966)	(67,821)	(87,541)	(107,261)	(158,594)	(211,283)	(263,972)	(317,447)	(370,922)	(431,202)	(491,482)		
4	CWIP - Non-Interest Bearing	3,741,848	1,652,934	2,280,710	5,110,980	7,698,138	1,033,550	1,273,061	2,343,709	2,739,721	3,099,369	1,664,913	2,377,561	2,560,209		
5	Net Investment (Lines 2 + 3)	\$7,580,272	\$7,938,705	\$8,573,799	\$11,482,536	\$14,006,417	\$16,834,678	\$17,762,951	\$19,220,910	\$19,818,869	\$20,125,042	\$20,844,216	\$21,496,584	\$22,138,952		
6	Average Net Investment		\$7,759,488	\$8,256,252	\$10,028,167	\$12,744,476	\$15,420,548	\$17,298,815	\$18,491,930	\$19,519,890	\$19,971,956	\$20,484,629	\$21,170,400	\$21,817,768		
7	Return on Average Net Investment (B)															
	a. Debt Component															
		Jan-Jun	Jul-Dec													
		2.00%	2.03%	12,932	13,760	16,714	21,241	25,701	28,831	31,224	32,959	33,723	34,588	35,746	36,839	324,258
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%	53,477	56,901	69,113	87,833	106,276	119,221	128,440	135,580	138,720	142,281	147,044	151,540	1,336,426
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
	a. Depreciation (C)	3.7000%	11,996	19,552	19,855	19,720	19,720	51,333	52,689	52,689	53,475	53,475	60,280	60,280	475,064	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A							
	d. Property Taxes (D)	0.001703	552	900	914	908	908	2,363	2,425	2,425	2,461	2,461	2,774	2,774	21,865	
	e. Other (E)		(9,111)	(9,111)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(123,619)	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$69,846	\$82,002	\$96,056	\$119,162	\$142,065	\$191,208	\$204,238	\$213,113	\$217,839	\$222,265	\$235,304	\$240,893	2,033,994	
	a. Recoverable Costs Allocated to Energy		69,846	82,002	96,056	119,162	142,065	191,208	204,238	213,113	217,839	222,265	235,304	240,893	2,033,994	
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0	
10	Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187		
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A								
12	Retail Energy-Related Recoverable Costs (F)		\$67,695	\$80,354	\$93,809	\$114,884	\$134,607	\$182,795	\$198,796	\$206,872	\$211,256	\$215,738	\$229,119	\$236,526	\$1,972,451	
13	Retail Demand-Related Recoverable Costs (G)		0	0	0	0	0	0	0	0	0	0	0	0	0	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$67,695	\$80,354	\$93,809	\$114,884	\$134,607	\$182,795	\$198,796	\$206,872	\$211,256	\$215,738	\$229,119	\$236,526	\$1,972,451	

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Decrease in depreciation expense related to retired rate base assets as approved in Docket No. 990007-EI, Order No. PSC-99-2513-FOF-EI.
- (F) Line 9a x Line 10
- (G) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Return on Capital Investments, Depreciation and Taxes
For Project: COAL COMBUSTION RESIDUAL (CCR) RULE - Energy (Project 18)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$500,000	\$500,000	\$500,000	\$0	\$0	\$1,600,000
	b. Clearings to Plant		0	0	0	0	0	0	100,000	0	0	1,500,000	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	100,000	100,000	100,000	1,600,000	1,600,000	1,600,000	
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	(206)	(412)	(618)	(3,911)	(7,204)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	500,000	1,000,000	0	0	0	
5	Net Investment (Lines 2 + 3)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$599,794	\$1,099,588	\$1,599,382	\$1,596,089	\$1,592,796	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$349,897	\$849,691	\$1,349,485	\$1,597,736	\$1,594,443	
7	Return on Average Net Investment (B)														
	a. Debt Component														
		Jan-Jun	Jul-Dec												
		2.00%	2.03%	0	0	0	0	0	84	591	1,435	2,279	2,698	2,692	9,779
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%	0	0	0	0	0	347	2,430	5,902	9,373	11,097	11,075	40,224
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.4700%	0	0	0	0	0	0	0	206	206	206	3,293	3,293	7,204
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)	0.001703	0	0	0	0	0	0	0	14	14	14	227	227	496
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$431	\$3,241	\$7,557	\$11,872	\$17,315	\$17,287	57,703
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	431	3,241	7,557	11,872	17,315	17,287	57,703
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.97335	0.97071	0.96978	0.97063	0.97372	0.98187	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A							
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$420	\$3,146	\$7,329	\$11,523	\$16,860	\$16,974	\$56,252
13	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$420	\$3,146	\$7,329	\$11,523	\$16,860	\$16,974	\$56,252

Notes:

- (A) N/A
- (B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
- (D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2015 - December 2015

Form 42 9E

Docket No. 150007-EI
Duke Energy Florida
Witness: T. G. Foster
Exh. No. __ (TGF-3)
Page 28 of 28

Capital Structure and Cost Rates

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$4,101,842.07	48.36%	0.10500	5.080%	8.270%
PS	-	0.00%	0.00000	0.000%	0.000%
LTD	3,174,547	37.42%	0.05216	1.950%	1.950%
STD	79,303	0.93%	0.01220	0.010%	0.010%
CD-Active	157,817	1.86%	0.02254	0.040%	0.040%
CD-Inactive	1,181	0.01%	0.00000	0.000%	0.000%
ADIT	1,114,885	13.14%	0.00000	0.000%	0.000%
FAS 109	(148,097)	-1.75%	0.00000	0.000%	0.000%
ITC	1,246	0.01%	0.00000	0.000%	0.000%
Total	\$ 8,482,724	100.00%		7.080%	10.270%
			Total Debt	2.000%	2.000%
			Total Equity	5.080%	8.270%

May 2014 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$4,681,853.42	48.76%	0.10500	5.120%	8.335%
PS	-	0.00%	0.00000	0.000%	0.000%
LTD	3,672,596	38.25%	0.05187	1.984%	1.984%
STD	(90,568)	-0.94%	0.00170	-0.002%	-0.002%
CD-Active	182,163	1.90%	0.02306	0.044%	0.044%
CD-Inactive	1,306	0.01%	0.00000	0.000%	0.000%
ADIT	1,318,615	13.73%	0.00000	0.000%	0.000%
FAS 109	(164,391)	-1.71%	0.00000	0.000%	0.000%
ITC	498	0.01%	0.00000	0.000%	0.000%
Total	\$ 9,602,073	100.00%		7.146%	10.361%
			Total Debt	2.026%	2.026%
			Total Equity	5.120%	8.335%

May 2015 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.

Docket No. 150007-EI

Duke Energy Florida

Witness: T. G. Foster

Exh. No. __ (TGF-4)

Page 1 of 17

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Capital Program Detail

January 2015 - December 2015
Actuals for the Period January 2015 - June 2015
Estimates for the Period July 2015 - December 2015
Docket No. 150007-EI

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952	33,952
3	Less: Accumulated Depreciation	(8,701)	(8,754)	(8,807)	(8,860)	(8,913)	(8,966)	(9,019)	(9,072)	(9,125)	(9,178)	(9,231)	(9,284)	(9,337)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$25,252	\$25,199	\$25,146	\$25,093	\$25,040	\$24,987	\$24,934	\$24,881	\$24,828	\$24,775	\$24,722	\$24,669	\$24,616	
6	Average Net Investment		25,225	25,172	25,119	25,066	25,013	24,960	24,907	24,854	24,801	24,748	24,695	24,642	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun	2.00%	Jul-Dec	2.03%										504
	b. Equity Component Grossed Up For Taxes		8.27%		8.33%										2,070
	c. Other														0
8	Investment Expenses														
	a. Depreciation	1.8857%	53	53	53	53	53	53	53	53	53	53	53	53	636
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009672	27	27	27	27	27	27	27	27	27	27	27	27	324
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$296	\$295	\$295	\$295	\$294	\$294	\$295	\$295	\$294	\$294	\$294	\$293	\$3,534
	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		\$296	\$295	\$295	\$295	\$294	\$294	\$295	\$295	\$294	\$294	\$294	\$293	\$3,534

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272	1,536,272
3	Less: Accumulated Depreciation	(532,137)	(535,412)	(538,687)	(541,962)	(545,237)	(548,512)	(551,787)	(555,062)	(558,337)	(561,612)	(564,887)	(568,162)	(571,437)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$1,004,135	\$1,000,860	\$997,585	\$994,310	\$991,035	\$987,760	\$984,485	\$981,210	\$977,935	\$974,660	\$971,385	\$968,110	\$964,835	
6	Average Net Investment		1,002,498	999,223	995,948	992,673	989,398	986,123	982,848	979,573	976,298	973,023	969,748	966,473	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun	2.00%	Jul-Dec	2.03%										19,817
	b. Equity Component Grossed Up For Taxes		8.27%		8.33%										81,735
	c. Other														0
8	Investment Expenses														
	a. Depreciation	2.5579%	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	39,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009672	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	14,856
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$13,093	\$13,065	\$13,037	\$13,008	\$12,981	\$12,953	\$13,000	\$12,971	\$12,942	\$12,914	\$12,886	\$12,858	\$155,708
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$13,093	\$13,065	\$13,037	\$13,008	\$12,981	\$12,953	\$13,000	\$12,971	\$12,942	\$12,914	\$12,886	\$12,858	\$155,708

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

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407	909,407
3	Less: Accumulated Depreciation	(155,140)	(157,078)	(159,016)	(160,954)	(162,892)	(164,830)	(166,768)	(168,706)	(170,644)	(172,582)	(174,520)	(176,458)	(178,396)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$754,267	\$752,329	\$750,391	\$748,453	\$746,515	\$744,577	\$742,639	\$740,701	\$738,763	\$736,825	\$734,887	\$732,949	\$731,011	
6	Average Net Investment		753,298	751,360	749,422	747,484	745,546	743,608	741,670	739,732	737,794	735,856	733,918	731,980	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun	2.00%	Jul-Dec	2.03%										
	b. Equity Component Grossed Up For Taxes	8.27%		8.33%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.5579%	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	23,256
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009672	733	733	733	733	733	733	733	733	733	733	733	733	8,796
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$9,118	\$9,101	\$9,085	\$9,069	\$9,052	\$9,035	\$9,074	\$9,058	\$9,042	\$9,024	\$9,008	\$8,991	\$108,657
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$9,118	\$9,101	\$9,085	\$9,069	\$9,052	\$9,035	\$9,074	\$9,058	\$9,042	\$9,024	\$9,008	\$8,991	\$108,657

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074	135,074
3	Less: Accumulated Depreciation	(13,800)	(14,178)	(14,556)	(14,934)	(15,312)	(15,690)	(16,068)	(16,446)	(16,824)	(17,202)	(17,580)	(17,958)	(18,336)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$121,274	\$120,896	\$120,518	\$120,140	\$119,762	\$119,384	\$119,006	\$118,628	\$118,250	\$117,872	\$117,494	\$117,116	\$116,738	
6	Average Net Investment		121,085	120,707	120,329	119,951	119,573	119,195	118,817	118,439	118,061	117,683	117,305	116,927	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun	2.00%	Jul-Dec	2.03%										
	b. Equity Component Grossed Up For Taxes	8.27%		8.33%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.3596%	378	378	378	378	378	378	378	378	378	378	378	378	4,536
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009672	109	109	109	109	109	109	109	109	109	109	109	109	1,308
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,524	\$1,520	\$1,517	\$1,514	\$1,510	\$1,507	\$1,513	\$1,510	\$1,506	\$1,503	\$1,500	\$1,496	\$18,120
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,524	\$1,520	\$1,517	\$1,514	\$1,510	\$1,507	\$1,513	\$1,510	\$1,506	\$1,503	\$1,500	\$1,496	\$18,120

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

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

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600	2,066,600
3	Less: Accumulated Depreciation	(343,767)	(348,925)	(354,083)	(359,241)	(364,399)	(369,557)	(374,715)	(379,873)	(385,031)	(390,189)	(395,347)	(400,505)	(405,663)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$1,722,833	\$1,717,675	\$1,712,517	\$1,707,359	\$1,702,201	\$1,697,043	\$1,691,885	\$1,686,727	\$1,681,569	\$1,676,411	\$1,671,253	\$1,666,095	\$1,660,937	
6	Average Net Investment		1,720,254	1,715,096	1,709,938	1,704,780	1,699,622	1,694,464	1,689,306	1,684,148	1,678,990	1,673,832	1,668,674	1,663,516	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	2,867	2,858	2,850	2,841	2,833	2,824	2,852	2,844	2,835	2,826	2,818	2,809	34,057
	b. Equity Component Grossed Up For Taxes	8.27%	11,856	11,820	11,785	11,749	11,714	11,678	11,733	11,698	11,662	11,626	11,590	11,554	140,465
	c. Other	8.33%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	Blended	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	61,896
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.011680	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	24,132
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$21,892	\$21,847	\$21,804	\$21,759	\$21,716	\$21,671	\$21,754	\$21,711	\$21,666	\$21,621	\$21,577	\$21,532	\$260,550
	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		\$21,892	\$21,847	\$21,804	\$21,759	\$21,716	\$21,671	\$21,754	\$21,711	\$21,666	\$21,621	\$21,577	\$21,532	\$260,550

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

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801	1,473,801
3	Less: Accumulated Depreciation	(248,331)	(252,016)	(255,701)	(259,386)	(263,071)	(266,756)	(270,441)	(274,126)	(277,811)	(281,496)	(285,181)	(288,866)	(292,551)	
4	CWIP - Non-Interest Bearing	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
5	Net Investment (Lines 2 + 3 + 4)	\$1,225,470	\$1,221,785	\$1,218,100	\$1,214,415	\$1,210,730	\$1,207,045	\$1,203,360	\$1,199,675	\$1,195,990	\$1,192,305	\$1,188,620	\$1,184,935	\$1,181,250	
6	Average Net Investment		1,223,627	1,219,942	1,216,257	1,212,572	1,208,887	1,205,202	1,201,517	1,197,832	1,194,147	1,190,462	1,186,777	1,183,092	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	2,039	2,033	2,027	2,021	2,015	2,009	2,029	2,023	2,016	2,010	2,004	1,998	24,224
	b. Equity Component Grossed Up For Taxes	8.27%	8,433	8,408	8,382	8,357	8,331	8,306	8,345	8,320	8,294	8,269	8,243	8,217	99,905
	c. Other	8.33%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	44,220
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009890	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	14,580
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$15,372	\$15,341	\$15,309	\$15,278	\$15,246	\$15,215	\$15,274	\$15,243	\$15,210	\$15,179	\$15,147	\$15,115	\$182,929
	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		\$15,372	\$15,341	\$15,309	\$15,278	\$15,246	\$15,215	\$15,274	\$15,243	\$15,210	\$15,179	\$15,147	\$15,115	\$182,929

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

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664	1,661,664
3	Less: Accumulated Depreciation	(724,463)	(733,602)	(742,741)	(751,880)	(761,019)	(770,158)	(779,297)	(788,436)	(797,575)	(806,714)	(815,853)	(824,992)	(834,131)	(834,131)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$937,201	\$928,062	\$918,923	\$909,784	\$900,645	\$891,506	\$882,367	\$873,228	\$864,089	\$854,950	\$845,811	\$836,672	\$827,533	
6	Average Net Investment		932,632	923,493	914,354	905,215	896,076	886,937	877,798	868,659	859,520	850,381	841,242	832,103	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	Jul-Dec 2.03%												
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	6.6000%	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	9,139	109,668
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.008700	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	14,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,326	\$18,248	\$18,170	\$18,092	\$18,013	\$17,935	\$17,923	\$17,844	\$17,765	\$17,687	\$17,607	\$17,529	\$215,139
	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		\$18,326	\$18,248	\$18,170	\$18,092	\$18,013	\$17,935	\$17,923	\$17,844	\$17,765	\$17,687	\$17,607	\$17,529	\$215,139

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938	178,938
3	Less: Accumulated Depreciation	(64,121)	(64,837)	(65,553)	(66,269)	(66,985)	(67,701)	(68,417)	(69,133)	(69,849)	(70,565)	(71,281)	(71,997)	(72,713)	(72,713)
4	CWIP - Non-Interest Bearing	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	Net Investment (Lines 2 + 3 + 4)	\$114,817	\$114,101	\$113,385	\$112,669	\$111,953	\$111,237	\$110,521	\$109,805	\$109,089	\$108,373	\$107,657	\$106,941	\$106,225	
6	Average Net Investment		114,459	113,743	113,027	112,311	111,595	110,879	110,163	109,447	108,731	108,015	107,299	106,583	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	Jul-Dec 2.03%												
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%												
	c. Other														
8	Investment Expenses														
	a. Depreciation	4.8000%	716	716	716	716	716	716	716	716	716	716	716	716	8,592
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009380	140	140	140	140	140	140	140	140	140	140	140	140	1,680
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,836	\$1,830	\$1,823	\$1,817	\$1,811	\$1,805	\$1,807	\$1,801	\$1,795	\$1,788	\$1,782	\$1,776	\$21,671
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,836	\$1,830	\$1,823	\$1,817	\$1,811	\$1,805	\$1,807	\$1,801	\$1,795	\$1,788	\$1,782	\$1,776	\$21,671

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

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - BAYBORO CTs (Project 4.1e)
 (in Dollars)

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295	730,295
3	Less: Accumulated Depreciation	(155,012)	(156,834)	(158,656)	(160,478)	(162,300)	(164,122)	(165,944)	(167,766)	(169,588)	(171,410)	(173,232)	(175,054)	(176,876)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$575,283	\$573,461	\$571,639	\$569,817	\$567,995	\$566,173	\$564,351	\$562,529	\$560,707	\$558,885	\$557,063	\$555,241	\$553,419	
6	Average Net Investment		574,372	572,550	570,728	568,906	567,084	565,262	563,440	561,618	559,796	557,974	556,152	554,330	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	957	954	951	948	945	942	951	948	945	942	939	936	11,358
	b. Equity Component Grossed Up For Taxes	8.27%	3,958	3,946	3,933	3,921	3,908	3,896	3,914	3,901	3,888	3,876	3,863	3,850	46,854
	c. Other	8.33%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.9936%	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	1,822	21,864
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009890	602	602	602	602	602	602	602	602	602	602	602	602	7,224
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,339	\$7,324	\$7,308	\$7,293	\$7,277	\$7,262	\$7,289	\$7,273	\$7,257	\$7,242	\$7,226	\$7,210	\$87,300
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$7,339	\$7,324	\$7,308	\$7,293	\$7,277	\$7,262	\$7,289	\$7,273	\$7,257	\$7,242	\$7,226	\$7,210	\$87,300

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

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199	1,037,199
3	Less: Accumulated Depreciation	(255,480)	(258,332)	(261,184)	(264,036)	(266,888)	(269,740)	(272,592)	(275,444)	(278,296)	(281,148)	(284,000)	(286,852)	(289,704)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$781,719	\$778,867	\$776,015	\$773,163	\$770,311	\$767,459	\$764,607	\$761,755	\$758,903	\$756,051	\$753,199	\$750,347	\$747,495	
6	Average Net Investment		780,293	777,441	774,589	771,737	768,885	766,033	763,181	760,329	757,477	754,625	751,773	748,921	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	1,300	1,296	1,291	1,286	1,281	1,277	1,289	1,284	1,279	1,274	1,269	1,265	15,391
	b. Equity Component Grossed Up For Taxes	8.27%	5,378	5,358	5,338	5,319	5,299	5,279	5,301	5,281	5,261	5,241	5,222	5,202	63,479
	c. Other	8.33%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.3000%	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	2,852	34,224
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.008630	746	746	746	746	746	746	746	746	746	746	746	746	8,952
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$10,276	\$10,252	\$10,227	\$10,203	\$10,178	\$10,154	\$10,188	\$10,163	\$10,138	\$10,113	\$10,089	\$10,065	\$122,046
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$10,276	\$10,252	\$10,227	\$10,203	\$10,178	\$10,154	\$10,188	\$10,163	\$10,138	\$10,113	\$10,089	\$10,065	\$122,046

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

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904	3,616,904
3	Less: Accumulated Depreciation	(445,934)	(453,771)	(461,608)	(469,445)	(477,282)	(485,119)	(492,956)	(500,793)	(508,630)	(516,467)	(524,304)	(532,141)	(539,978)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$3,170,970	\$3,163,133	\$3,155,296	\$3,147,459	\$3,139,622	\$3,131,785	\$3,123,948	\$3,116,111	\$3,108,274	\$3,100,437	\$3,092,600	\$3,084,763	\$3,076,926	
6	Average Net Investment		3,167,051	3,159,214	3,151,377	3,143,540	3,135,703	3,127,866	3,120,029	3,112,192	3,104,355	3,096,518	3,088,681	3,080,844	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	Jul-Dec 2.03%												
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%												
	c. Other														
			5,278	5,265	5,252	5,239	5,226	5,213	5,268	5,255	5,242	5,228	5,215	5,202	62,883
			21,827	21,773	21,719	21,665	21,611	21,557	21,671	21,616	21,562	21,508	21,453	21,399	259,361
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.6000%	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	7,837	94,044
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.011680	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	42,240
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$38,462	\$38,395	\$38,328	\$38,261	\$38,194	\$38,127	\$38,296	\$38,228	\$38,161	\$38,093	\$38,025	\$37,958	\$458,528
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$38,462	\$38,395	\$38,328	\$38,261	\$38,194	\$38,127	\$38,296	\$38,228	\$38,161	\$38,093	\$38,025	\$37,958	\$458,528

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435	141,435
3	Less: Accumulated Depreciation	(51,666)	(51,907)	(52,148)	(52,389)	(52,630)	(52,871)	(53,112)	(53,353)	(53,594)	(53,835)	(54,076)	(54,317)	(54,558)	
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)	\$89,768	\$89,527	\$89,286	\$89,045	\$88,804	\$88,563	\$88,322	\$88,081	\$87,840	\$87,599	\$87,358	\$87,117	\$86,876	
6	Average Net Investment		89,648	89,407	89,166	88,925	88,684	88,443	88,202	87,961	87,720	87,479	87,238	86,997	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	Jul-Dec 2.03%												
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%												
	c. Other														
			149	149	149	148	148	147	149	149	148	148	147	147	1,778
			618	616	615	613	611	610	613	611	609	608	606	604	7,334
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.0482%	241	241	241	241	241	241	241	241	241	241	241	241	2,892
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.012880	152	152	152	152	152	152	152	152	152	152	152	152	1,824
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,160	\$1,158	\$1,157	\$1,154	\$1,152	\$1,150	\$1,155	\$1,153	\$1,150	\$1,149	\$1,146	\$1,144	\$13,828
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,160	\$1,158	\$1,157	\$1,154	\$1,152	\$1,150	\$1,155	\$1,153	\$1,150	\$1,149	\$1,146	\$1,144	\$13,828

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

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - Higgins (Project 4.1i)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968	394,968
3	Less: Accumulated Depreciation	(118,416)	(120,193)	(121,970)	(123,747)	(125,524)	(127,301)	(129,078)	(130,855)	(132,632)	(134,409)	(136,186)	(137,963)	(139,740)	(139,740)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$276,552	\$274,775	\$272,998	\$271,221	\$269,444	\$267,667	\$265,890	\$264,113	\$262,336	\$260,559	\$258,782	\$257,005	\$255,228	
6	Average Net Investment		275,663	273,886	272,109	270,332	268,555	266,778	265,001	263,224	261,447	259,670	257,893	256,116	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	459	456	454	451	448	445	447	444	441	438	435	432	5,350
	b. Equity Component Grossed Up For Taxes	Jul-Dec 2.03%	1,900	1,888	1,875	1,863	1,851	1,839	1,841	1,828	1,816	1,804	1,791	1,779	22,075
	c. Other	8.27%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	5.4000%	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	1,777	21,324
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009890	326	326	326	326	326	326	326	326	326	326	326	326	3,912
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$4,462	\$4,447	\$4,432	\$4,417	\$4,402	\$4,387	\$4,391	\$4,375	\$4,360	\$4,345	\$4,329	\$4,314	\$52,661
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$4,462	\$4,447	\$4,432	\$4,417	\$4,402	\$4,387	\$4,391	\$4,375	\$4,360	\$4,345	\$4,329	\$4,314	\$52,661

For Project: ABOVE GROUND TANK SECONDARY CONTAINMENT - CRYSTAL RIVER 1 & 2 (Project 4.2)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092	33,092
3	Less: Accumulated Depreciation	(14,667)	(14,769)	(14,871)	(14,973)	(15,075)	(15,177)	(15,279)	(15,381)	(15,483)	(15,585)	(15,687)	(15,789)	(15,891)	(15,891)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$18,425	\$18,323	\$18,221	\$18,119	\$18,017	\$17,915	\$17,813	\$17,711	\$17,609	\$17,507	\$17,405	\$17,303	\$17,201	
6	Average Net Investment		18,374	18,272	18,170	18,068	17,966	17,864	17,762	17,660	17,558	17,456	17,354	17,252	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	31	30	30	30	30	30	30	30	30	29	29	29	358
	b. Equity Component Grossed Up For Taxes	Jul-Dec 2.03%	127	126	125	125	124	123	123	123	122	121	121	120	1,480
	c. Other	8.27%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.7000%	102	102	102	102	102	102	102	102	102	102	102	102	1,224
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.001703	5	5	5	5	5	5	5	5	5	5	5	5	60
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$265	\$263	\$262	\$262	\$261	\$260	\$260	\$260	\$259	\$257	\$257	\$256	\$3,122
	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		\$265	\$263	\$262	\$262	\$261	\$260	\$260	\$260	\$259	\$257	\$257	\$256	\$3,122

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

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947	2,365,947
3	Less: Accumulated Depreciation	\$151,052	148,122	145,192	142,262	139,332	136,402	133,472	130,542	127,612	124,682	121,752	118,822	115,892	115,892
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$2,517,000	\$2,514,070	\$2,511,140	\$2,508,210	\$2,505,280	\$2,502,350	\$2,499,420	\$2,496,490	\$2,493,560	\$2,490,630	\$2,487,700	\$2,484,770	\$2,481,840	
6	Average Net Investment		2,515,535	2,512,605	2,509,675	2,506,745	2,503,815	2,500,885	2,497,955	2,495,025	2,492,095	2,489,165	2,486,235	2,483,305	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	4,193	4,188	4,183	4,178	4,173	4,168	4,218	4,213	4,208	4,203	4,198	4,193	50,316
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.27%	17,337	17,317	17,296	17,276	17,256	17,236	17,350	17,330	17,309	17,289	17,269	17,248	207,513
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.4860%	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	35,160
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.001703	336	336	336	336	336	336	336	336	336	336	336	336	4,032
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$24,796	\$24,771	\$24,745	\$24,720	\$24,695	\$24,670	\$24,834	\$24,809	\$24,783	\$24,758	\$24,733	\$24,707	\$297,021
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$24,796	\$24,771	\$24,745	\$24,720	\$24,695	\$24,670	\$24,834	\$24,809	\$24,783	\$24,758	\$24,733	\$24,707	\$297,021

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297
3	Less: Accumulated Depreciation	(53,886)	(54,411)	(54,936)	(55,461)	(55,986)	(56,511)	(57,036)	(57,561)	(58,086)	(58,611)	(59,136)	(59,661)	(60,186)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$236,412	\$235,887	\$235,362	\$234,837	\$234,312	\$233,787	\$233,262	\$232,737	\$232,212	\$231,687	\$231,162	\$230,637	\$230,112	
6	Average Net Investment		236,149	235,624	235,099	234,574	234,049	233,524	232,999	232,474	231,949	231,424	230,899	230,374	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	394	393	392	391	390	389	393	393	392	391	390	389	4,697
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.27%	1,628	1,624	1,620	1,617	1,613	1,609	1,618	1,615	1,611	1,607	1,604	1,600	19,366
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.1722%	525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.007910	191	191	191	191	191	191	191	191	191	191	191	191	2,292
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,738	\$2,733	\$2,728	\$2,724	\$2,719	\$2,714	\$2,727	\$2,724	\$2,719	\$2,714	\$2,710	\$2,705	\$32,655
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,738	\$2,733	\$2,728	\$2,724	\$2,719	\$2,714	\$2,727	\$2,724	\$2,719	\$2,714	\$2,710	\$2,705	\$32,655

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

For Project: CAIR CTs - AVON PARK (Project 7.2a)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754
3	Less: Accumulated Depreciation	(28,793)	(29,197)	(29,601)	(30,005)	(30,409)	(30,813)	(31,217)	(31,621)	(32,025)	(32,429)	(32,833)	(33,237)	(33,641)	(33,641)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$132,961	\$132,557	\$132,153	\$131,749	\$131,345	\$130,941	\$130,537	\$130,133	\$129,729	\$129,325	\$128,921	\$128,517	\$128,113	
6	Average Net Investment		132,759	132,355	131,951	131,547	131,143	130,739	130,335	129,931	129,527	129,123	128,719	128,315	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	221	221	220	219	219	218	220	219	219	218	217	217	2,628
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.27%	915	912	909	907	904	901	905	902	900	897	894	891	10,837
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	404	404	404	404	404	404	404	404	404	404	404	404	4,848
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009380	126	126	126	126	126	126	126	126	126	126	126	126	1,512
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,666	\$1,663	\$1,659	\$1,656	\$1,653	\$1,649	\$1,655	\$1,651	\$1,649	\$1,645	\$1,641	\$1,638	\$19,825
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,666	\$1,663	\$1,659	\$1,656	\$1,653	\$1,649	\$1,655	\$1,651	\$1,649	\$1,645	\$1,641	\$1,638	\$19,825

For Project: CAIR CTs - BARTOW (Project 7.2b)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347
3	Less: Accumulated Depreciation	(40,969)	(41,327)	(41,685)	(42,043)	(42,401)	(42,759)	(43,117)	(43,475)	(43,833)	(44,191)	(44,549)	(44,907)	(45,265)	(45,265)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$234,378	\$234,020	\$233,662	\$233,304	\$232,946	\$232,588	\$232,230	\$231,872	\$231,514	\$231,156	\$230,798	\$230,440	\$230,082	
6	Average Net Investment		234,199	233,841	233,483	233,125	232,767	232,409	232,051	231,693	231,335	230,977	230,619	230,261	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	390	390	389	389	388	387	392	391	391	390	389	389	4,675
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.27%	1,614	1,612	1,609	1,607	1,604	1,602	1,612	1,609	1,607	1,604	1,602	1,599	19,281
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.5610%	358	358	358	358	358	358	358	358	358	358	358	358	4,296
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009890	227	227	227	227	227	227	227	227	227	227	227	227	2,724
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,589	\$2,587	\$2,583	\$2,581	\$2,577	\$2,574	\$2,589	\$2,585	\$2,583	\$2,579	\$2,576	\$2,573	\$30,976
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,589	\$2,587	\$2,583	\$2,581	\$2,577	\$2,574	\$2,589	\$2,585	\$2,583	\$2,579	\$2,576	\$2,573	\$30,976

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

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

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988
3	Less: Accumulated Depreciation	(34,047)	(34,431)	(34,815)	(35,199)	(35,583)	(35,967)	(36,351)	(36,735)	(37,119)	(37,503)	(37,887)	(38,271)	(38,655)	(38,655)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$164,941	\$164,557	\$164,173	\$163,789	\$163,405	\$163,021	\$162,637	\$162,253	\$161,869	\$161,485	\$161,101	\$160,717	\$160,333	
6	Average Net Investment		164,749	164,365	163,981	163,597	163,213	162,829	162,445	162,061	161,677	161,293	160,909	160,525	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	275	274	273	273	272	271	274	274	273	272	272	271	3,274
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.27%	1,135	1,133	1,130	1,127	1,125	1,122	1,128	1,126	1,123	1,120	1,118	1,115	13,502
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.3149%	384	384	384	384	384	384	384	384	384	384	384	384	4,608
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.009890	164	164	164	164	164	164	164	164	164	164	164	164	1,968
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,958	\$1,955	\$1,951	\$1,948	\$1,945	\$1,941	\$1,950	\$1,948	\$1,944	\$1,940	\$1,938	\$1,934	\$23,352
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,958	\$1,955	\$1,951	\$1,948	\$1,945	\$1,941	\$1,950	\$1,948	\$1,944	\$1,940	\$1,938	\$1,934	\$23,352

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

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667
3	Less: Accumulated Depreciation	(19,515)	(19,734)	(19,953)	(20,172)	(20,391)	(20,610)	(20,829)	(21,048)	(21,267)	(21,486)	(21,705)	(21,924)	(22,143)	(22,143)
4	CWIP - Non-Interest Bearing	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
5	Net Investment (Lines 2 + 3 + 4)	\$68,152	\$67,933	\$67,714	\$67,495	\$67,276	\$67,057	\$66,838	\$66,619	\$66,400	\$66,181	\$65,962	\$65,743	\$65,524	
6	Average Net Investment		68,042	67,823	67,604	67,385	67,166	66,947	66,728	66,509	66,290	66,071	65,852	65,633	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	113	113	113	112	112	112	113	112	112	112	111	111	1,346
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.27%	469	467	466	464	463	461	463	462	460	459	457	456	5,547
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	3.0000%	219	219	219	219	219	219	219	219	219	219	219	219	2,628
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.011680	85	85	85	85	85	85	85	85	85	85	85	85	1,020
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$886	\$884	\$883	\$880	\$879	\$877	\$880	\$878	\$876	\$875	\$872	\$871	\$10,541
	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		\$886	\$884	\$883	\$880	\$879	\$877	\$880	\$878	\$876	\$875	\$872	\$871	\$10,541

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

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198
3	Less: Accumulated Depreciation	(56,973)	(57,812)	(58,651)	(59,490)	(60,329)	(61,168)	(62,007)	(62,846)	(63,685)	(64,524)	(65,363)	(66,202)	(67,041)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$290,225	\$289,386	\$288,547	\$287,708	\$286,869	\$286,030	\$285,191	\$284,352	\$283,513	\$282,674	\$281,835	\$280,996	\$280,157	
6	Average Net Investment		289,805	288,966	288,127	287,288	286,449	285,610	284,771	283,932	283,093	282,254	281,415	280,576	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other														
8	Investment Expenses														
	a. Depreciation		2.9000%												
	b. Amortization														
	c. Dismantlement														
	d. Property Taxes		0.009890												
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,605	\$3,599	\$3,591	\$3,584	\$3,576	\$3,569	\$3,584	\$3,576	\$3,569	\$3,562	\$3,555	\$3,548	\$42,918
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,605	\$3,599	\$3,591	\$3,584	\$3,576	\$3,569	\$3,584	\$3,576	\$3,569	\$3,562	\$3,555	\$3,548	\$42,918

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583
3	Less: Accumulated Depreciation	(66,679)	(67,466)	(68,253)	(69,040)	(69,827)	(70,614)	(71,401)	(72,188)	(72,975)	(73,762)	(74,549)	(75,336)	(76,123)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$282,905	\$282,118	\$281,331	\$280,544	\$279,757	\$278,970	\$278,183	\$277,396	\$276,609	\$275,822	\$275,035	\$274,248	\$273,461	
6	Average Net Investment		282,511	281,724	280,937	280,150	279,363	278,576	277,789	277,002	276,215	275,428	274,641	273,854	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other														
8	Investment Expenses														
	a. Depreciation		2.7000%												
	b. Amortization														
	c. Dismantlement														
	d. Property Taxes		0.008700												
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,458	\$3,452	\$3,444	\$3,438	\$3,431	\$3,424	\$3,438	\$3,432	\$3,425	\$3,418	\$3,412	\$3,404	\$41,176
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,458	\$3,452	\$3,444	\$3,438	\$3,431	\$3,424	\$3,438	\$3,432	\$3,425	\$3,418	\$3,412	\$3,404	\$41,176

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

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

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012
3	Less: Accumulated Depreciation	(15,879)	(16,015)	(16,151)	(16,287)	(16,423)	(16,559)	(16,695)	(16,831)	(16,967)	(17,103)	(17,239)	(17,375)	(17,511)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$118,133	\$117,997	\$117,861	\$117,725	\$117,589	\$117,453	\$117,317	\$117,181	\$117,045	\$116,909	\$116,773	\$116,637	\$116,501	
6	Average Net Investment		118,065	117,929	117,793	117,657	117,521	117,385	117,249	117,113	116,977	116,841	116,705	116,569	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	197	197	196	196	196	196	198	198	198	197	197	197	2,363
	b. Equity Component Grossed Up For Taxes	Jul-Dec 2.03%	814	813	812	811	810	809	814	813	812	812	811	810	9,741
	c. Other	8.27%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.2187%	136	136	136	136	136	136	136	136	136	136	136	136	1,632
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.011680	130	130	130	130	130	130	130	130	130	130	130	130	1,560
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,277	\$1,276	\$1,274	\$1,273	\$1,272	\$1,271	\$1,278	\$1,277	\$1,276	\$1,275	\$1,274	\$1,273	\$15,296
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$1,277	\$1,276	\$1,274	\$1,273	\$1,272	\$1,271	\$1,278	\$1,277	\$1,276	\$1,275	\$1,274	\$1,273	\$15,296

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

Line	Description	Beginning of Period	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560
3	Less: Accumulated Depreciation	(40,962)	(41,385)	(41,808)	(42,231)	(42,654)	(43,077)	(43,500)	(43,923)	(44,346)	(44,769)	(45,192)	(45,615)	(46,038)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$340,598	\$340,175	\$339,752	\$339,329	\$338,906	\$338,483	\$338,060	\$337,637	\$337,214	\$336,791	\$336,368	\$335,945	\$335,522	
6	Average Net Investment		340,386	339,963	339,540	339,117	338,694	338,271	337,848	337,425	337,002	336,579	336,156	335,733	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.00%	567	567	566	565	564	564	570	570	569	568	568	567	6,805
	b. Equity Component Grossed Up For Taxes	Jul-Dec 2.03%	2,346	2,343	2,340	2,337	2,334	2,331	2,347	2,344	2,341	2,338	2,335	2,332	28,068
	c. Other	8.27%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.3299%	423	423	423	423	423	423	423	423	423	423	423	423	5,076
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.008630	274	274	274	274	274	274	274	274	274	274	274	274	3,288
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,610	\$3,607	\$3,603	\$3,599	\$3,595	\$3,592	\$3,614	\$3,611	\$3,607	\$3,603	\$3,600	\$3,596	\$43,237
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,610	\$3,607	\$3,603	\$3,599	\$3,595	\$3,592	\$3,614	\$3,611	\$3,607	\$3,603	\$3,600	\$3,596	\$43,237

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

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$6,058	\$12,003	\$21,452	\$43,572	\$26,097	\$11,157	\$20,000	\$8,843	\$0	\$0	\$0	\$0	\$149,183
	b. Clearings to Plant		0	0	0	0	0	0	2,144,255	8,843	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$16,857	16,857	16,857	16,857	16,857	16,857	16,857	2,161,112	2,169,955	2,169,955	2,169,955	2,169,955	2,169,955	
3	Less: Accumulated Depreciation	(500)	(535)	(570)	(605)	(640)	(675)	(710)	(745)	(5,211)	(9,677)	(14,143)	(18,609)	(23,075)	
4	CWIP - Non-Interest Bearing	2,003,915	2,009,973	2,021,976	2,043,427	2,087,000	2,113,097	2,124,255	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$2,020,273	\$2,026,295	\$2,038,263	\$2,059,680	\$2,103,218	\$2,129,280	\$2,140,402	\$2,160,367	\$2,164,744	\$2,160,278	\$2,155,812	\$2,151,346	\$2,146,880	
6	Average Net Investment		2,023,284	2,032,279	2,048,972	2,081,449	2,116,249	2,134,841	2,150,385	2,162,556	2,162,511	2,158,045	2,153,579	2,149,113	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.00%	2.03%											42,570
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											175,565
	c. Other														0
8	Investment Expenses														
	a. Depreciation	2.4700%	35	35	35	35	35	35	35	4,466	4,466	4,466	4,466	4,466	22,575
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.001703	2	2	2	2	2	2	2	308	308	308	308	308	1,554
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$17,353	\$17,430	\$17,573	\$17,851	\$18,149	\$18,308	\$18,604	\$23,446	\$23,445	\$23,407	\$23,368	\$23,330	\$242,264
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$17,353	\$17,430	\$17,573	\$17,851	\$18,149	\$18,308	\$18,604	\$23,446	\$23,445	\$23,407	\$23,368	\$23,330	\$242,264

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	
3	Less: Accumulated Depreciation	(9,509)	(10,269)	(11,029)	(11,789)	(12,549)	(13,309)	(14,069)	(14,829)	(15,589)	(16,349)	(17,109)	(17,869)	(18,629)	
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)	\$604,501	\$603,741	\$602,981	\$602,221	\$601,461	\$600,701	\$599,941	\$599,181	\$598,421	\$597,661	\$596,901	\$596,141	\$595,381	
6	Average Net Investment		604,121	603,361	602,601	601,841	601,081	600,321	599,561	598,801	598,041	597,281	596,521	595,761	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.00%	2.03%											12,078
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											49,810
	c. Other														0
8	Investment Expenses														
	a. Depreciation	1.4860%	760	760	760	760	760	760	760	760	760	760	760	760	9,120
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes	0.001703	87	87	87	87	87	87	87	87	87	87	87	87	1,044
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$6,018	\$6,011	\$6,004	\$5,998	\$5,992	\$5,985	\$6,023	\$6,017	\$6,011	\$6,005	\$5,997	\$5,991	\$72,052
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$6,018	\$6,011	\$6,004	\$5,998	\$5,992	\$5,985	\$6,023	\$6,017	\$6,011	\$6,005	\$5,997	\$5,991	\$72,052

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-13-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.
(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	
3	Less: Accumulated Depreciation	(27,623)	(28,984)	(30,345)	(31,706)	(33,067)	(34,428)	(35,789)	(37,150)	(38,511)	(39,872)	(41,233)	(42,594)	(43,955)	(43,955)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$633,375	\$632,014	\$630,653	\$629,292	\$627,931	\$626,570	\$625,209	\$623,848	\$622,487	\$621,126	\$619,765	\$618,404	\$617,043		
6	Average Net Investment		632,695	631,334	629,973	628,612	627,251	625,890	624,529	623,168	621,807	620,446	619,085	617,724		
7	Return on Average Net Investment (A)															
		Jan-Jun	Jul-Dec													
	a. Debt Component	2.00%	2.03%	1,054	1,052	1,050	1,048	1,045	1,043	1,055	1,052	1,050	1,048	1,045	1,043	12,585
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%	4,360	4,351	4,342	4,332	4,323	4,314	4,338	4,328	4,319	4,309	4,300	4,291	51,907
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
	a. Depreciation	2.4700%	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	1,361	16,332	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A							
	d. Property Taxes	0.001703	94	94	94	94	94	94	94	94	94	94	94	94	1,128	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$6,869	\$6,858	\$6,847	\$6,835	\$6,823	\$6,812	\$6,848	\$6,835	\$6,824	\$6,812	\$6,800	\$6,789	\$81,952	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	
	b. Recoverable Costs Allocated to Demand		\$6,869	\$6,858	\$6,847	\$6,835	\$6,823	\$6,812	\$6,848	\$6,835	\$6,824	\$6,812	\$6,800	\$6,789	\$81,952	

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	505,904	
3	Less: Accumulated Depreciation	(8,318)	(9,359)	(10,400)	(11,441)	(12,482)	(13,523)	(14,564)	(15,605)	(16,646)	(17,687)	(18,728)	(19,769)	(20,810)	(20,810)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$497,586	\$496,545	\$495,504	\$494,463	\$493,422	\$492,381	\$491,340	\$490,299	\$489,258	\$488,217	\$487,176	\$486,135	\$485,094		
6	Return on Average Net Investment (A)		497,066	496,025	494,984	493,943	492,902	491,861	490,820	489,779	488,738	487,697	486,656	485,615		
7	Return on Average Net Investment															
		Jan-Jun	Jul-Dec													
	a. Debt Component	2.00%	2.03%	828	827	825	823	822	820	829	827	825	823	822	820	9,891
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%	3,426	3,419	3,411	3,404	3,397	3,390	3,409	3,402	3,395	3,387	3,380	3,373	40,793
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
	a. Depreciation	2.4700%	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	1,041	12,492	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A							
	d. Property Taxes	0.001703	72	72	72	72	72	72	72	72	72	72	72	72	864	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$5,367	\$5,359	\$5,349	\$5,340	\$5,332	\$5,323	\$5,351	\$5,342	\$5,333	\$5,323	\$5,315	\$5,306	\$64,040	
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0	
	b. Recoverable Costs Allocated to Demand		\$5,367	\$5,359	\$5,349	\$5,340	\$5,332	\$5,323	\$5,351	\$5,342	\$5,333	\$5,323	\$5,315	\$5,306	\$64,040	

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-13-0598-FOF-EI these assets were not projected to be in-service as of year end 2013 and accordingly were not moved to base rates in 2014.
 (A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.

For Project: Crystal River Thermal Discharge Compliance Project AFUDC - Point of Discharge (POD) Cooling Tower (Project 11.1a)
 (in Dollars)
 (Activity Prior to 1/1/13)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	(36,519)	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$5,610,669	5,610,669	5,143,113	4,639,038	4,175,134	3,711,231	3,247,327	2,783,423	2,319,519	1,855,615	1,391,711	927,808	463,904	
3	Less: Amortization (C)	0	(467,556)	(467,556)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)	\$5,610,669	\$5,143,113	\$4,675,557	\$4,175,134	\$3,711,231	\$3,247,327	\$2,783,423	\$2,319,519	\$1,855,615	\$1,391,711	\$927,808	\$463,904	\$0	
6	Average Net Investment		5,376,891	4,909,335	4,425,346	3,943,182	3,479,279	3,015,375	2,551,471	2,087,567	1,623,663	1,159,760	695,856	231,952	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (C)		467,556	467,556	463,904	463,904	463,904	463,904	463,904	463,904	463,904	463,904	463,904	463,904	5,574,150
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$513,574	\$509,573	\$501,779	\$497,652	\$493,682	\$489,712	\$485,934	\$481,929	\$477,924	\$473,917	\$469,912	\$465,907	5,861,493
	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		\$513,574	\$509,573	\$501,779	\$497,652	\$493,682	\$489,712	\$485,934	\$481,929	\$477,924	\$473,917	\$469,912	\$465,907	5,861,493

For Project: Crystal River Thermal Discharge Compliance Project AFUDC - MET Tower (Project 11.1b)
 (in Dollars)
 (Activity Prior to 1/1/13)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$113,659	113,659	104,188	94,716	85,244	75,773	66,301	56,830	47,358	37,886	28,415	18,943	9,472	
3	Less: Amortization (C)	0	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	
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)	\$113,659	\$104,188	\$94,716	\$85,244	\$75,773	\$66,301	\$56,830	\$47,358	\$37,886	\$28,415	\$18,943	\$9,472	(\$0)	
6	Average Net Investment		108,923	99,452	89,980	80,509	71,037	61,565	52,094	42,622	33,151	23,679	14,207	4,736	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (C)		9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	113,659
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes (D)		52	52	52	52	52	52	52	52	52	52	52	52	625
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$10,457	\$10,375	\$10,294	\$10,213	\$10,132	\$10,051	\$9,974	\$9,892	\$9,810	\$9,728	\$9,647	\$9,565	120,134
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$10,457	\$10,375	\$10,294	\$10,213	\$10,132	\$10,051	\$9,974	\$9,892	\$9,810	\$9,728	\$9,647	\$9,565	120,134

(A) N/A
 (B) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.
 (C) Investment amortized over three years in accordance with Order No. PSC-13-0381-PAA-EI.
 (D) Property tax calculated on original asset basis of \$361,735.

For Project: Crystal River Thermal Discharge Compliance Project AFUDC - Point of Discharge (POD) Cooling Tower (Project 11.1a)
 (in Dollars)
 (Activity After 12/31/12)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$38,025	38,025	34,856	31,688	28,519	25,350	22,181	19,013	15,844	12,675	9,506	6,338	3,169	
3	Less: Amortization (A)	0	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)	\$38,025	\$34,856	\$31,688	\$28,519	\$25,350	\$22,181	\$19,013	\$15,844	\$12,675	\$9,506	\$6,338	\$3,169	(\$0)	
6	Average Net Investment		36,441	33,272	30,103	26,934	23,766	20,597	17,428	14,259	11,091	7,922	4,753	1,584	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other														
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (A)	33.3333%	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	38,025
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,481	\$3,453	\$3,426	\$3,400	\$3,373	\$3,345	\$3,319	\$3,292	\$3,265	\$3,237	\$3,210	\$3,183	39,981
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$3,481	\$3,453	\$3,426	\$3,400	\$3,373	\$3,345	\$3,319	\$3,292	\$3,265	\$3,237	\$3,210	\$3,183	39,981

For Project: Crystal River Thermal Discharge Compliance Project AFUDC - MET Tower (Project 11.1b)
 (in Dollars)
 (Activity After 12/31/12)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Estimated Jul-15	Estimated Aug-15	Estimated Sep-15	Estimated Oct-15	Estimated Nov-15	Estimated Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	(\$1,706)	(1,706)	(1,564)	(1,422)	(1,280)	(1,137)	(995)	(853)	(711)	(569)	(427)	(284)	(142)	
3	Less: Amortization (A)	0	142	142	142	142	142	142	142	142	142	142	142	142	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	(\$1,706)	(\$1,564)	(\$1,422)	(\$1,280)	(\$1,137)	(\$995)	(\$853)	(\$711)	(\$569)	(\$427)	(\$284)	(\$142)	(\$0)	
6	Average Net Investment		(1,635)	(1,493)	(1,351)	(1,209)	(1,066)	(924)	(782)	(640)	(498)	(355)	(213)	(71)	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.00%	2.03%											
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%											
	c. Other														
8	Investment Expenses														
	a. Depreciation		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (A)	33.3333%	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(1,706)
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A						
	d. Property Taxes		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		(\$156)	(\$154)	(\$153)	(\$152)	(\$151)	(\$150)	(\$148)	(\$147)	(\$146)	(\$145)	(\$143)	(\$142)	(\$1,789)
	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		(\$156)	(\$154)	(\$153)	(\$152)	(\$151)	(\$150)	(\$148)	(\$147)	(\$146)	(\$145)	(\$143)	(\$142)	(\$1,789)

(A) Investment amortized over three years in accordance with Order No. PSC-13-0381-PAA-EI.
 (B) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
DIRECT TESTIMONY OF
PATRICIA Q. WEST
ON BEHALF OF
DUKE ENERGY FLORIDA
DOCKET NO. 150007-EI
July 31, 2015

Q. Please state your name and business address.

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

Q. Have you previously filed testimony before this Commission in Docket No. 150007-EI?

A: Yes, I provided direct testimony on April 1, 2015.

Q: Has your job description, education, background and professional experience changed since that time?

A: No.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to explain material variances between 2015 actual/estimated cost projections and original 2015 cost projections for environmental compliance costs associated with FPSC-approved programs

1 under my responsibility. These programs include the Substation Environmental
2 Investigation, Remediation and Pollution Prevention Program (Project 1 & 1a),
3 Distribution System Environmental Investigation, Remediation and Pollution
4 Prevention Program (Project 2), Pipeline Integrity Management (PIM) (Project
5 3), Above Ground Secondary Containment (Project 4), Phase II Cooling Water
6 Intake – 316(b) (Project 6), CAIR/CAMR - Peaking (Project 7.2), Best
7 Available Retrofit Technology (BART) (Project 7.5), Arsenic Groundwater
8 Standard (Project 8), Sea Turtle Coastal Street Lighting Program (Project 9),
9 Underground Storage Tanks (Project 10), Modular Cooling Towers (Project 11),
10 Thermal Discharge Permanent Cooling Tower (Project 11.1), Greenhouse Gas
11 Inventory and Reporting (Project 12), Mercury Total Daily Maximum Loads
12 Monitoring (Project 13), Hazardous Air Pollutants Information Collection
13 Request (ICR) Program (Project 14), Effluent Limitation Guidelines ICR
14 Program (Project 15), National Pollutant Discharge Elimination System
15 (NPDES) (Project 16) and Mercury and Air Toxics Standards (MATS) – Crystal
16 River (CR) 4&5 (Project 17) for the period January 2015 through December
17 2015.

18
19 **Q: Please explain the variance between actual/estimated project expenditures**
20 **and original projections for Substation Environmental Investigation,**
21 **Remediation and Pollution Prevention Program (Projects 1 & 1a) for the**
22 **period January 2015 through December 2015.**

23 A: O&M expenditures for substation system program are estimated to be \$405k
24 lower than originally projected. This variance is in part due to remediation work

1 delays at the Consolidated Rock, Holder and Kenneth City substations.
2 Consolidated Rock remediation is delayed due to restricted access by the
3 property owner. Work will begin once this issue is resolved. Holder
4 remediation is postponed until 2016 when breaker replacement work can be
5 completed. Kenneth City remediation is rescheduled to 2016 when the existing
6 control house is demolished and rebuilt.

7
8 **Q: Please explain the variance between actual/estimated project expenditures**
9 **and original projections for Distribution System Environmental**
10 **Investigation, Remediation and Pollution Prevention Program (Project 2)**
11 **for the period January 2015 through December 2015.**

12 A: O&M expenditures for the distribution system program are estimated to be \$42k
13 or 265% higher than originally projected due to costs to remove additional
14 impacted soil at the three remaining sites. Original projections were based on
15 performing groundwater monitoring at two of these sites; however, groundwater
16 concentrations at these sites increased or did not improve over the past year.
17 Consequently, DEF stopped groundwater monitoring and developed plans to
18 remove additional impacted soil underneath building foundations and storm
19 water infrastructure.

20
21 **Q: Please explain the variance between actual/estimated project expenditures**
22 **and original projections for Cooling Water Intake – 316(b) (Project 6 & 6a)**
23 **for the period January 2015 through December 2015.**

24

1 A: O&M expenditures for Cooling Water Intake – 316(b) are expected to be \$43k
2 or 14% lower than originally projected as methods used to allocate costs to
3 analyze 316(b) compliance strategies at each affected Duke Energy generating
4 site were adjusted to reflect present configurations and operations. Duke Energy
5 intends to implement a consistent 316(b) approach across its entire fleet of
6 regulated units which focuses on full compliance with applicable 316(b)
7 requirements through the development of facility specific strategic plans. These
8 plans will include all applicable submittal requirements; targeted entrainment
9 and impingement compliance options; compliance schedules; identification of
10 decision and agency milestones; risk assessments; and implementation plans
11 with key activities and timelines.

12

13 **Q: Please explain the variance between actual/estimated project expenditures**
14 **and original projections for Arsenic Groundwater Standard (Project 8) for**
15 **the period January 2015 through December 2015.**

16 A: O&M expenditures for Arsenic Groundwater Standard are expected to be \$23k
17 or 144% higher than originally projected due to consultant costs to evaluate the
18 source of arsenic exceedances and issue a summary report in compliance with
19 FDEP Consent Order No. 09-3463C executed on November 21, 2011. The
20 Consent Order was issued by the FDEP for exceedance of the arsenic
21 groundwater limit when the EPA lowered the arsenic maximum containment
22 level from 50 ppb to 10 ppb.

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Q: Please explain the variance between actual/estimated project expenditures and original projections for Sea Turtle – Coastal Street Lighting Program (Project 9) for the period January 2015 through December 2015.

A: Capital expenditures for the Sea Turtle – Coastal Street Lighting Program are estimated to be \$3k or 92% lower than originally projected. No new street lighting has been required in Franklin County, the City of Mexico Beach in Bay County, or Gulf County as DEF is in compliance with sea turtle ordinances. Also, the Don Cesar lighting project is delayed from 2014 until late 4th quarter 2015 due to scheduling conflicts.

Q: Please explain the variance between actual/estimated project expenditures and original projections for NPDES (Project 16) O&M for the period January 2015 through December 2015.

A: O&M expenditures for NPDES are expected to be \$54k or 20% lower than originally projected due to lower than expected 316(a) thermal study costs at the Anclote and Bartow stations.

Q: Please explain the variance between actual/estimated project expenditures and original projections for NPDES (Project 16) capital for the period January 2015 through December 2015.

A: Capital expenditures for NPDES project are expected to be \$86k or 275% lower than originally projected primarily due to a vendor reimbursement payment.

1 **Q: Please explain the variance between actual/estimated project expenditures**
2 **and original projections for MATS – CR4&5 (Project 17) O&M for the**
3 **period January 2015 through December 2015.**

4 A: O&M expenditures for MATS – Crystal River Units 4&5 (CR4&5) are expected
5 to be \$153k higher than originally projected. This variance is primarily driven
6 by the addition of a temporary chemical injection system to control mercury
7 emissions, and the cancellation of preliminary engineering for a fuel additive
8 system to improve mercury oxidation. This change in compliance strategy
9 resulted from a mercury characterization study performed in December 2014
10 that identified mercury re-emission as the root cause of elevated emissions in
11 2014.

12
13 **Q: Please explain the variance between actual/estimated project expenditures**
14 **and original projections for MATS – CR4&5 (Project 17) capital for the**
15 **period January 2015 through December 2015.**

16 A: Capital expenditures for MATS – CR4&5 are expected to be \$1.3 million higher
17 than originally projected. This variance is driven by the installation of
18 continuous emission monitoring systems (CEMS) for mercury monitoring,
19 compliance demonstration and feedback to the re-emission control system. DEF
20 determined that continuous monitoring was necessary following elevated
21 emissions in the second half of 2014 and a characterization study completed in
22 December 2014.

23
24

1 **Q: Please provide an update of Best Available Retrofit Technology (BART)**
2 **regulations.**

3 A: In 2012, DEF worked with the FDEP to develop and finalize specific BART
4 permits to address SO₂ and NO_x requirements for Crystal River Units 1&2 (CR
5 1&2). The FDEP subsequently submitted to the EPA a revised State
6 Implementation Plan (SIP) containing unit-specific BART determinations for
7 CR1&2. The SO₂ and NO_x BART permits for these units require installation of
8 dry flue gas desulfurization (FGD) and selective catalytic reduction by
9 December 31, 2017, or alternatively, the discontinuation of the use of coal in
10 these units by December 31, 2020. On April 30, 2013, DEF provided notice to
11 the FDEP that it had decided to cease burning coal in CR1&2 by December 31,
12 2020. The EPA formally approved FDEP's revised SIP in August 2013.

13
14 With regard to particulate matter (PM) and opacity emissions, the revised BART
15 requirements for these parameters contained in the previously issued air
16 construction permit (Air Permit No. 0170004-017-AC) became effective on
17 January 1, 2014. The provisions of the air construction permit were
18 incorporated into a revised Title V Operating Permit (Permit No. 0170004-043-
19 AV) effective on June 22, 2014. The revised Title V permit also contains an
20 updated / revised version of the Compliance Assurance Monitoring Plan,
21 incorporating provisions required by the terms of the PM BART air construction
22 permit.

23
24

1 The actions / decisions noted above are expected to fulfill DEF's obligations
2 under the BART regulations for the remaining life of CR1&2.

3

4 **Q: Please provide an update of 316(b) regulations.**

5 A: The 316(b) rule became effective October 15, 2014 to minimize impingement
6 and entrainment of fish and aquatic life drawn into cooling systems at power
7 plants and factories. There are seven impingement options. Entrainment
8 compliance is site specific (mesh screen or closed-cycle cooling). Litigation of
9 the 316(b) rule is in process.

10

11 The regulation primarily applies to facilities that commenced construction on or
12 before January 17, 2002, and to new units at existing facilities that are built to
13 increase the generating capacity of the facility. All facilities that withdraw
14 greater than 2 million gallons per day from waters of the U.S. and where 25% of
15 the withdrawn water is used for cooling purposes are subject to the regulation.

16

17 Per the final rule, required 316(b) studies and information submittals will be tied
18 to NPDES permit renewals. For permits that expire within 45 months of the
19 effective date of the final rule, certain information must be submitted with the
20 renewal application. Other information, including field study results, will be
21 required to be submitted pursuant to a schedule included in the re-issued NPDES
22 permit.

23

24

1 For NPDES permits that expire more than 45 months from the effective date of
2 the rule, all information, including study results, is required to be submitted as
3 part of the renewal application.

4

5 DEF is currently evaluating the 316(b) rule to determine potential study
6 requirements, operating and cost impacts to its generating stations.

7

8 **Q: Please provide an update on Carbon Regulations recently proposed by the**
9 **EPA.**

10 A: Existing Units – The EPA plans to regulate CO₂ emissions from existing fossil
11 fuel-fired units under the President’s Climate Action Plan announced in June
12 2013. The EPA published proposed guidelines on June 18, 2014. The comment
13 period ended December 1, 2014. The EPA is targeting mid-summer 2015 for a
14 final rule.

15

16 Murray Energy and other parties challenged the EPA’s authority to implement
17 the proposed Clean Power Plan under the Clean Air Act. On June 9, 2015, the
18 D.C. Circuit Court of Appeals dismissed the challenge on the grounds that the
19 rule is not yet final. As a result, the EPA can proceed to finalize the rule, which
20 is expected in August. The rule is currently under review by the Office of
21 Management and Budget.

22

23

24

1 New Units – The EPA proposal establishes stringent CO₂ limits on new coal-
2 fired units effectively eliminating them. The EPA expects to issue a final rule
3 this summer.

4

5 DEF does not expect to incur ECRC costs in 2015 related to Carbon
6 Regulations.

7

8 **Q: Please provide an update on the Cross State Air Pollution Rule (CSAPR).**

9 A: On October 23, 2014, the D.C. Circuit Court lifted the stay of the CSAPR which
10 establishes state-level annual and seasonal SO₂ and NO_x emission allowance
11 requirements. The CSAPR replaced the Clean Air Interstate Rule (CAIR) on
12 January 1, 2015. Under the CSAPR, the State of Florida is no longer required to
13 comply with annual emission requirements, only ozone seasonal limits. The
14 CSAPR requirements took effect in Florida on May 1, 2015, the beginning of
15 the ozone season.

16

17 As explained in my April 1, 2015 direct testimony, NO_x emission allowances
18 under CAIR have no value; however, DEF will continue to use its SO₂ emission
19 allowances to comply with the Acid Rain Program. As explained in Mr. Geoff
20 Foster's April 1, 2015 direct testimony, DEF is treating its unused NO_x costs as
21 a regulatory asset amortizing it over three years beginning January 1, 2015
22 through December 31, 2017, with a return on the unamortized investment,
23 consistent with Order no. PSC-11-0553-FOF-EI.

24

1 **Q: Please provide an update on the Coal Combustion Residual (CCR) Rule.**

2 A: As explained further in the direct testimony of Mr. Garry Miller, the CCR rule
3 was published in the Federal Register on April 17, 2015 and is effective on
4 October 17, 2015. The rule has specific compliance impacts on the ash landfill,
5 gypsum storage pad and FGD lined blowdown ponds at the Crystal River site.
6 Although the full range of compliance activities and costs are still being
7 evaluated, DEF's planned 2015 compliance activities and their associated cost
8 projections are provided by Mr. Miller.

9

10 **Q: Please provide an update on the Mercury and Air Toxics Standards**
11 **(MATS) Rule.**

12 A: On June 29, 2015, the U. S. Supreme Court ruled that it was unreasonable for
13 EPA to refuse to consider costs in determining that regulation of electric
14 generating units was "appropriate and necessary" under Clean Air Act section
15 112. The Court remanded the case back to the D.C. Circuit Court of Appeals for
16 further proceedings consistent with its opinion. The MATS rule will remain in
17 effect pending additional action by the D.C. Circuit; therefore, a decision is not
18 expected to impact the implementation of DEF's MATS compliance plan until
19 further proceedings are completed.

20

21 **Q: Please provide an update on the National Ambient Air Quality Standards**
22 **(NAAQS).**

23 A: The EPA set new 1-hour health-based NO₂ and SO₂ standards in 2010. In mid-
24 2013, the EPA finalized SO₂ non-attainment designations for two small areas in

1 Florida outside DEF's service territory. The EPA deferred making any other
2 designations until late 2017. On April 24, 2014, the EPA released a proposed
3 rule that will establish requirements for additional ambient air quality
4 monitoring and/or modeling that will be used for future area designations.

5
6 The EPA was to have completed a review of the ozone NAAQS in 2013. On
7 April 29, 2014, the District Court of the Northern District of California ruled in
8 favor of a schedule proposed by the Sierra Club requiring the EPA to issue a
9 proposed rule no later than December 1, 2014, and a final rule no later than
10 October 1, 2015. The EPA has proposed to revise the current standard of 75
11 parts per billion (ppb) to within a range of 65 to 70 ppb.

12
13 **Q: Please provide an update on the Steam Effluent Limitation Guidelines**
14 **(ELG).**

15 A: On April 8, 2014, the EPA acknowledged the need to closely coordinate this
16 rule, which regulates waste streams from power plants, with the CCR rule,
17 which regulates landfills and ash basins. The deadline for the EPA to issue the
18 final Steam Effluent Limitations Guidelines was extended to September 30,
19 2015.

20
21 **Q: Please provide an update on the Waters of the United States (WOTUS)**
22 **Rule.**

23 A: On May 27, 2015, the EPA issued a final rule that defines the scope of waters
24 protected under the Clean Water Act (CWA). The rule was published in the

1 Federal Register on June 29, 2015. Among other things, the WOTUS Rule
2 clarifies the characteristics of water streams, wetlands and other waters to which
3 the CWA applies. DEF is in the process of analyzing the new rule requirements
4 and potential impacts and compliance options at its operational sites, and
5 expects to incur compliance costs in 2015. However, the full extent of
6 compliance activities and associated costs cannot be determined as DEF has not
7 had sufficient opportunity to determine the rule's impacts on affected facilities
8 and compliance alternatives. DEF will provide an update on its WOTUS
9 program in the 2016 Projection Filing, and DEF will include any compliance
10 costs incurred in 2015 in the 2015 Final True-Up balance.

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

13 A. Yes.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
DIRECT TESTIMONY OF
MICHAEL R. DELOWERY
ON BEHALF OF
DUKE ENERGY FLORIDA
DOCKET NO. 150007-EI
July 31, 2015

Q. Please state your name and business address.

A. My name is Michael Delowery. My current business address is 400 South Tryon Street, Charlotte, NC 28202.

Q. Have you previously filed testimony before this Commission in Docket No. 150007-EI?

A: Yes, I provided direct testimony on April 1, 2015.

Q: Has your job description, education, background and professional experience changed since that time?

A: No.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide an update on the Mercury and Air Toxics Standards (MATS) - Anclote Gas Conversion Project (Project 17.1).

1 **Q. What costs does DEF expect to incur in 2015 in connection with the MATS**
2 **– Anclore Gas Conversion Project (Project 17.1)?**

3 A. DEF estimates 2015 capital costs of approximately \$509k for the Anclore Gas
4 Conversion project for site/warranty support, completion of punch list items,
5 document control/record management and contract close-out.

6

7 **Q. Please explain the variance between the actual/estimated project**
8 **expenditures and original projections for the MATS – Anclore Gas**
9 **Conversion Program (Project 17.1) for the period January 2015 through**
10 **December 2015.**

11 A. Capital expenditures for the Anclore Gas Conversion project are estimated to be
12 \$314k less than originally projected due to earlier than expected completion of
13 Unit 2 Force Draft (FD) fan work in November 2014 versus December 2014.

14

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

16 A. Yes.

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

2 A: I have Bachelor of Science degree in Nuclear Engineering from North Carolina State
3 University. I also have a Master's degree in Mechanical Engineering from North
4 Carolina State University. I have over 30 years of experience in the nuclear industry.
5 My experience involves engineering and maintenance experience at Duke Energy's
6 nuclear plants and the corporate office for nuclear operations. I have held Engineering
7 Manager positions at the Brunswick Nuclear Plant and Robinson Nuclear Plant. I was
8 also the Chief Engineer for the Nuclear Generation Group ("NGG") for Progress Energy.
9 Additionally, I was the Maintenance Manager at the Harris Nuclear Plant. I also hold a
10 BWR/SRO (senior reactor operation) certification. Prior to the merger, I was the Vice
11 President - Nuclear Engineering for Progress Energy. After the merger with Duke
12 Energy, I became Duke Energy's Senior Vice President of Nuclear Engineering. In
13 March of 2014, I began my current interim role as Senior Vice President - ABSAT –
14 Engineering.

15

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

17 A. The purpose of my testimony is to explain Duke Energy Florida's ("DEF" or the
18 "Company") proposed compliance activities and related costs associated with the new
19 Coal Combustion Residual ("CCR") Rule for which the Company seeks recovery under
20 the Environmental Cost Recovery Clause ("ECRC").

21

22 **Q: Please summarize the CCR Rule.**

23 A: The CCR rule was published in the Federal Register on April 17, 2015, and is effective
24 on October 17, 2015. The rule regulates the disposal of CCR as non-hazardous solid

1 waste, and contains new requirements for CCR landfills and CCR surface
2 impoundments. It also specifies implementation timelines for compliance. The
3 compliance deadlines for CCR vary, with compliance obligations required as early as
4 October 17, 2015. Compliance timeframes for specific CCR requirements are addressed
5 later in this testimony. The rule is self-implementing, meaning that affected facilities
6 must comply with the new regulations irrespective of whether the rule is adopted by the
7 State of Florida. Even if the state adopts the rule and incorporates its criteria into the
8 state's solid waste management program, the federal rule remains in place as an
9 independent set of criteria that must be met.

10

11 The CCR rule applies to new and existing CCR landfills and surface impoundments,
12 including lateral expansions of CCR units. In addition, the rule applies to electric
13 utilities' and independent power producers' *inactive* CCR surface impoundments (those
14 not receiving CCR on or after the effective date of the rule) regardless of the fuel
15 currently used at the facility to produce electricity if the inactive impoundment contains
16 CCR and liquids. If an inactive surface impoundment closes within three years after the
17 rule was published in the Federal Register, either by closure in place or clean closure, it
18 is excluded from further regulation. Inactive CCR surface impoundments that do not
19 close within this timeframe are regulated in the same manner as existing CCR surface
20 impoundments and subject to all rule requirements, including location restriction and
21 groundwater monitoring. The CCR rule does not apply to inactive landfills - i.e.
22 landfills that ceased receiving CCR prior to the effective date of the rule.

23

1 Key aspects of the CCR rule include:

2

3 1) Location Restrictions – New landfills, including lateral expansions of existing units,
4 and all surface impoundments, including inactive surface impoundments, are subject to
5 location restrictions regarding the placement of CCR units above the uppermost aquifer,
6 in wetlands, within fault areas, in seismic impact zones, and in unstable areas. By
7 October 2018, DEF must perform a location restriction assessment for each landfill and
8 surface impoundment subject to the CCR rule. CCR units must meet the conditions for
9 operating in a location restriction area; units that do not meet the conditions must cease
10 receipt of CCR and, in the case of landfills, commence closure.

11

12 2) Liner Design Criteria – New CCR landfills, new lateral expansions of CCR landfills,
13 and new CCR surface impoundments must have a bottom composite liner, with the
14 upper component consisting of a geomembrane liner and the lower component
15 consisting of at least a two-foot layer of compacted soil meeting a specified hydraulic
16 conductivity design standard. Unlined CCR surface impoundments must cease the
17 receipt of CCR and commence closure if it is determined during groundwater monitoring
18 that releases from these impoundments exceed applicable groundwater protection
19 standards. The rule does not include a mandatory liner retrofit requirement for existing,
20 unlined CCR surface impoundments.

21

22 3) Surface impoundment Structural Integrity Requirements – CCR surface
23 impoundments are subject to structural integrity requirements that include: undertaking
24 hazard potential assessments, meeting slope erosion standards, maintaining

1 impoundment construction records, and undertaking structural stability and safety factor
2 assessments. If a surface impoundment does *not* meet specified dam safety factor
3 structural stability assessment requirements by October 17, 2016, it must cease receipt of
4 CCR within 6 months and commence closure.

5
6 4) Groundwater Monitoring & Corrective Action – All CCR landfills and CCR surface
7 impoundments that are subject to the CCR rule are subject to groundwater monitoring,
8 and if necessary, corrective action requirements. Within two years of the CCR rule
9 effective date, all existing CCR landfills and existing CCR surface impoundments
10 (subject to the rule) must have installed groundwater monitoring systems and
11 groundwater detection monitoring program initiated.

12
13 5) Closure & Post-Closure Care – The CCR rule contains closure and post-closure
14 monitoring plan requirements for new and existing CCR landfills and active and inactive
15 CCR surface impoundments. The rule sets closure standards for closure in place or
16 closure through removal of CCR and decontamination of the CCR unit (clean closure).
17 The CCR rule states that landfills must complete closure within six months of
18 commencement, and surface impoundments must complete closure within five years of
19 commencement. The rule also requires closed units to comply with certain post-closure
20 care requirements.

21
22 6) Recordkeeping, Notification & Internet Posting Obligations – Because the CCR rule
23 is self-implementing, the CCR rule contains extensive recordkeeping , notice, and
24 internet posting requirements that must be met by October 17, 2015 to demonstrate

1 compliance with the rule. These items are intended to provide information to the states
2 and public to continually gauge the compliance status of regulated facilities with the
3 rule's self-implementing requirements.

4

5 **Q: How does the CCR rule impact DEF's facilities?**

6 A: The rule has specific compliance impacts on the ash landfill, the Flue Gas
7 Desulfurization ("FGD") lined blowdown ponds, and the temporary gypsum storage pad
8 at the Crystal River ("CR") site. No other DEF operating sites are impacted by the CCR
9 rule.

10

11 **Q: What are the CCR rule compliance activities and associated costs for which DEF is**
12 **seeking recovery?**

13 A: Ash Landfill

14 DEF has contracts with two engineering firms to study CR ash landfill stability and ash
15 placement. One firm will perform a geotechnical study of the ash landfill including
16 surveys, field inspections, ash sampling and engineering calculations to determine
17 landfill stability. The other firm will compile and review historical ash placement and
18 testing documents, and develop a process and related procedures to address future ash
19 placement requirements at Crystal River. Total estimated O&M costs for engineering
20 firm work is \$104k. Groundwater monitoring will also be required for the ash landfill,
21 Flue Gas Desulfurization ("FGD") blowdown ponds (i.e., CCR surface impoundments),
22 and potentially the gypsum storage pad to comply with the CCR rule. The extent and
23 cost of groundwater monitoring for the ash landfill, FGD blowdown ponds and gypsum
24 storage pad are being assessed; DEF will provide an update in its 2016 Projection Filing.

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Temporary Gypsum Pad

Effective October 17, 2015, the temporary gypsum pad at CR will be subject to CCR requirements. Efforts are underway to address fugitive dust mitigation at the CCR gypsum stack-out; upon completion, the CR temporary gypsum pad will longer be subject to the CCR rule’s compliance requirements as a CCR landfill. Total estimated 2015 costs for the addition of a dust control system is \$1.5M.

FGD Blowdown Ponds

The CR FGD Blowdown Ponds are subject to the CCR rule, and a definitive assessment and action plan is being developed. The ponds must also be classified as to hazard potential to determine if an Emergency Action Plan (“EAP”) is needed to comply with the CCR rule (see EAP below). As addressed above, groundwater monitoring will also be required for the FGD Blowdown Ponds along with weekly inspections, based on the results of the liner assessments required by the rule. DEF estimates that the predicate assessments required by the rule to ascertain if remediation is required will cost approximately \$200k in 2015.

Emergency Action Plan

An EAP outlines the notification and remediation process in the event of a dam breach or any event that could impact the environment or public safety at a DEF operating site. An EAP is required per the CCR rule if a surface impoundment is classified as “significant hazard” or “high hazard” potential. DEF is in the process of determining if

1 the CCR rule requires an EAP for the CR FGD Blowdown Ponds. DEF estimates costs
2 of \$24k to develop an EAP.

3

4 Vegetation Management & Inspection Work

5 The CCR rule requires increased vegetation management and inspection work at the CR
6 site. Vegetative cover must be no more than six inches above the face of an
7 embankment. The CCR rule requires that the time between inspections at landfills and
8 surface impoundments may not exceed every 7 days, and requires annual inspections of
9 both by an independent party. Moreover, additional weekly and monthly inspections
10 performed by internal personnel are required for surface impoundments. More frequent
11 mowing will be necessary to comply with the 6 inch requirement. Incremental costs
12 required to comply with these requirements are estimated at \$64k for July – December
13 2015.

14 Additional capital costs in 2015 to comply with the vegetation management
15 requirements are \$100k.

16

17 **Q: Are there any other CCR rule compliance activities and costs for which DEF**
18 **expects to seek recovery?**

19 A: DEF is currently evaluating the CCR rule to determine operating and cost impacts, and
20 expects to incur compliance costs in 2015 and beyond. However, the full extent of
21 compliance activities and associated costs cannot be determined until further analysis
22 and assessments of the CCR rule are complete. DEF will provide an update on its CCR
23 program in its 2016 Projection Filing.

24

1 **Q: Do DEF's expected CCR compliance activity costs meet the recovery criteria**
2 **established by Order No. 94-044-FOF-EI?**

3 A: Yes. The proposed CCR program meets the recovery for ECRC cost recovery
4 established by Order No. PEC-94-0044-FOF-EI in that:

- 5 a) All expenditures will be prudently incurred after April 13, 1993;
- 6 b) The activities are legally required to comply with a governmentally imposed
7 environmental regulation enacted, became effective, or whose effect was triggered
8 after the Company's last test year which rates are based; and
- 9 c) None of the expenditures are being recovered through some other cost recovery
10 mechanism or through base rates.

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

13 A. Yes.

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION
DIRECT TESTIMONY OF
JEFFREY SWARTZ
ON BEHALF OF
DUKE ENERGY FLORIDA
DOCKET NO. 150007-EI
July 31, 2015

Q. Please state your name and business address.

A. My name is Jeffrey Swartz. My business address is 299 First Avenue North, St. Petersburg, FL 33701.

Q. Have you previously filed testimony before this Commission in Docket No. 150007-EI?

A: Yes, I provided direct testimony on April 1, 2015.

Q: Has your job description, education, background and professional experience changed since that time?

A: No.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to explain material variances between 2015 actual/estimated cost projections and original 2015 cost projections for environmental compliance costs associated with FPSC-approved environmental

1 programs under my responsibility. These programs include the CAIR/CAMR
2 Crystal River (CR) Program (Project 7.4) and Mercury & Air Toxics Standards
3 (MATS) – Crystal River 1&2 Program (Project 17.2).

4
5 **Q. How do actual/estimated O&M project expenditures compare with original**
6 **projections for the CAIR/CAMR Crystal River (CR) Program (Project 7.4)**
7 **for the period January 2015 through December 2015?**

8 A. O&M expenditures are expected to be \$661k higher than originally projected.
9 This variance is primarily driven by a \$710k decrease in CAIR/CAMR CR
10 Project 7.4 – Base offset by a \$1.4 million increase in CAIR/CAMR CR Project
11 7.4 – Energy.

12
13 **Q. Please explain the variance between actual/estimated O&M project**
14 **expenditures and original projections for the CAIR/CAMR CR Program**
15 **(Project 7.4 – Base) for the period January 2015 through December 2015.**

16 A. The \$710k decrease is due to lower than projected base routine project costs.

17
18 **Q. Please explain the variance between the actual/estimated O&M project**
19 **expenditures and original projections for the CAIR/CAMR Crystal River**
20 **Program (Project 7.4 – Energy) for the period January 2015 through**
21 **December 2015.**

22 A. The \$1.4 million increase is primarily attributable to a \$2.7 million increase in
23 ammonia expense due to a higher ammonia price and a \$1.4 million higher
24 hydrated lime expense driven by a switch in product type to comply with sulfur

1 trioxide (SO3) emissions air permit limits, partially offset by \$1.3 million in
2 lower limestone expense due to less consumption and \$1.2 million in lower
3 gypsum expense as a result of lower disposal volume and reduced sales expense.

4
5 **Q. Please explain the variances between the actual/estimated capital project**
6 **expenditures and original projections for the CAIR/CAMR Crystal River**
7 **Program (Project 7.4) for the period January 2015 through December**
8 **2015?**

9 A. Capital expenditures are expected to be \$124k higher than originally projected
10 primarily due to a shift in spending from 2014 to 2015 in order to align with the
11 City of Crystal River reclaimed water reuse project timeline.

12
13 **Q: Please explain the variance between actual/estimated capital project**
14 **expenditures and original projections for the MATS – CR 1&2 Program**
15 **(Project 17.2) for the period January 2015 through December 2015.**

16 A: Capital expenditures are expected to be \$4.2 million higher than originally
17 projected due to an additional project related to the Unit 1 electrostatic
18 precipitator (ESP). Performance testing with western bituminous coals in
19 October 2014 revealed higher than expected duct opacity and particulate matter
20 (PM) emissions from Unit 1. Following unit inspections and extensive
21 modeling, a decision was made in November 2014 to replace and upgrade the
22 Unit 1 ESP power supplies and internal components in order to achieve PM
23 emission targets considered in the original compliance study. This work was

1 implemented during the spring 2015 outage, and further testing with western
2 coals is planned for summer 2015 to assess the new performance levels.

3

4 **Q: Is the MATS – CR1&2 Program on schedule to meet its target in-service**
5 **date and total estimated costs?**

6 A: The MATS-CR1&2 Program is on schedule to meet the targeted in-service date
7 of April 2016 as stated in Order PSC-14-0173-PAA-EI. Total estimated costs
8 are expected to increase from \$28 million to \$33 million primarily as a result of
9 the Unit 1 ESP project referenced in the variance explanation above.

10

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

12 A. Yes.

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