



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

August 4, 2016

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. 160007-EI*

Dear Ms. Stauffer:

On behalf of Duke Energy Florida, LLC, Please find enclosed for electronic filing in the above referenced docket:

- DEF's Petition for Approval of 2016 Environmental Cost Recovery Actual/Estimated True-Up;
- Direct Testimony of Christopher A. Menendez and Exhibit Nos. ____ (CAM-3) and ____ (CAM-4);
- Direct Testimony of Michael Delowery;
- Direct Testimony of Timothy Hill;
- Direct Testimony of Jeffrey Swartz; and
- Direct Testimony of Patricia Q. West.

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

BEFORE THE PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause

Docket No. 160007-EI

Dated: August 4, 2016

**DUKE ENERGY FLORIDA'S PETITION FOR APPROVAL OF 2016
ENVIRONMENTAL COST RECOVERY ACTUAL/ESTIMATED TRUE-UP**

Duke Energy Florida, LLC ("the Company"), hereby petitions for approval of its Environmental Cost Recovery Clause ("ECRC") actual/estimated true-up for the period January 2016 to December 2016. In support of this Petition, the Company states:

1. As discussed in the testimony of Christopher A. Menendez filed contemporaneously with this Petition, the Company's total actual/estimated true-up for this period is an over-recovery, including interest, of \$6,606,430. This amount will be added to the final true-up over-recovery of \$1,951,488 for 2015 discussed in Mr. Menendez's April 1, 2016 testimony filed in this docket, resulting in a net over-recovery of \$8,557,918. 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. __ (CAM-3) to Mr. Menendez's testimony of today's date. Additional cost information for specific ECRC programs are presented in the testimonies of Michael Delowery, Timothy Hill, 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. Menendez'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, LLC, respectfully requests that the Commission approve the Company's ECRC actual/estimated true-up over-recovery of \$8,557,918 for the period January 2016 through December 2016 as set forth herein and in the testimony and supporting exhibits of Mr. Menendez.

RESPECTFULLY SUBMITTED this 4th day of August, 2016.

s/Matthew R. Bernier

DIANNE M. TRIPLETT

Associate General Counsel

299 First Avenue North

St. Petersburg, FL 33701

T: 727. 820.4692

F: 727.820.5519

E: Dianne.Triplett@Duke-Energy.com

MATTHEW R. BERNIER

Senior Counsel

106 E. College Avenue

Suite 800

Tallahassee, FL

T: 850.521.1428

F: 727.820.5519

E: Matthew.Bernier@Duke-Energy.com

Attorneys for

DUKE ENERGY FLORIDA, LLC

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 4th day of August, 2016.

s/Matthew R. Bernier

Attorney

<p>Charles Murphy Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 cmurphy@psc.state.fl.us dlynn@psc.state.fl.us</p> <p>James D. Beasley/J. Jeffry Wahlen/Ashley M. Daniels Ausley Law Firm P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com adaniels@ausley.com</p> <p>Jeffrey A. Stone/Russell A. Badders/Steven R. Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 jas@beggslane.com rab@beggslane.com srg@beggslane.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com</p> <p>Kenneth Hoffman Vice President, Regulatory Affairs Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 Ken.Hoffman@fpl.com</p>	<p>John T. Butler Maria J. Moncada Florida Power & Light Company 700 Universe Blvd. (LAW/JB) Juno Beach, FL 33408-0420 john.butler@fpl.com maria.moncada@fpl.com</p> <p>Robert L. McGee, Jr. Regulatory and Pricing Manager Gulf Power Company One Energy Place Pensacola, FL 32520-0780 rlmcgee@southernco.com</p> <p>Charles J. Rehwinkel J.R. Kelly Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, FL 32399-1400 rehwinkel.charles@leg.state.fl.us kelly.jr@leg.state.fl.us</p> <p>Ms. Paula K. Brown Tampa Electric Company P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com</p> <p>James W. Brew / Laura A. Wynn Stone Mattheis Xenopoulos & Brew, P.C. 1025 Thomas Jefferson Street, NW Eighth Floor, West Tower Washington, D.C. 20007 jbrew@smxblaw.com law@smxblaw.com</p>
--	--

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

CHRISTOPHER A. MENENDEZ

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

August 4, 2016

Q. Please state your name and business address.

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

Q. Have you previously filed testimony before this Commission in Docket No. 160007-EI?

A. Yes, I provided direct testimony on April 1, 2016.

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 2016

1 through December 2016. I also explain the variance between 2016
2 actual/estimated cost projections versus original 2016 cost projections for
3 emission allowances (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. __CAM-3, which consists of PSC Forms 42-1E through 42-
9 9E; and
- 10 2. Exhibit No. __CAM-4, which provides details of capital projects by
11 site.

12 These exhibits provide detail on DEF's actual/estimated true-up capital and
13 O&M environmental costs and revenue requirements for the period January
14 2016 through December 2016.

15
16 **Q. What is the actual/estimated true-up amount for which DEF is requesting**
17 **recovery for the period of January 2016 through December 2016?**

18 A. The 2016 actual/estimated true-up is an over-recovery, including interest, of
19 \$6,606,430 as shown on Form 42-1E, line 4. This amount is added to the final
20 2015 true-up over-recovery of \$1,951,488 as shown on Form 42-2E, Line 7a,
21 resulting in a net over-recovery of \$8,557,918 as shown on Form 42-2E, Line
22 11. The calculations supporting the 2016 actual/estimated true-up are on Forms
23 42-1E through 42-8E.

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 **2016 through December 2016?**

4 A. The capital structure, components and cost rates relied on to calculate the
5 revenue requirement rate of return for the period January 2016 through
6 December 2016 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 2016 through**
12 **December 2016 compare with original projections?**

13 A. Form 42-4E shows that total O&M project costs are estimated to be \$3.4M
14 lower 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 Timothy Hill, Jeffrey Swartz and Patricia Q. West, except for
17 Emission Allowances which is below.

18

19 **Q. Please explain the variance between actual/estimated project expenditures**
20 **and original projections for SO₂/NO_x Program (Project 5) for the period**
21 **January 2016 through December 2016?**

22 A. SO₂ and NO_x expenses are estimated to be approximately \$46k or 41% lower
23 than originally projected due to lower than projected SO₂ allowance expense.

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

Q. How do estimated/actual capital recoverable costs for January 2016 through December 2016 compare with DEF’s original projections?

A. Form 42-6E shows that total recoverable capital costs are estimated to be approximately \$458k or 2% lower than originally projected. This form also lists individual project variances. The return on investment, depreciation expense and property taxes for each project for the actual/estimated period are provided on Form 42-8E, pages 1 through 18. Explanations for these variances are included in the direct testimonies of Michael Delowery, Mr. Hill, Mr. Swartz and Ms. West.

Q. Is DEF retiring any ECRC projects?

A. Yes. DEF has retired the peaking units at the Turner CT plant. With this retirement, the Above Ground Tank Secondary Containment (Project 4.1a) and CAIR CT (Project 7.2g) assets are also retired, effective March 31, 2016. DEF will also be retiring the Anclote-Bartow Pipeline and with this retirement, the Pipeline Leak Detection (Project 3.1b), Pipeline Controls Upgrade (Project 3.1c) and Control Room Management (Project 3.1d) will also be retired, effective August 31, 2016. The Alderman Road Fence (Project 3.1a) will remain in-service to support ongoing monitoring activities; DEF expects this project to be retired in 2017.

1 **Q. How does DEF propose to treat unrecovered ECRC costs of the Above**
2 **Ground Tank Secondary Containment and CAIR CT projects?**

3 A. Consistent with the Commission's treatment of the NOx Allowances, as
4 approved in Commission Order No. PSC-11-0553-FOF-EI, in Docket No.
5 110007-EI and the Crystal River Thermal Discharge Compliance Project, as
6 approved in Commission Order No. PSC-13-0381-PAA-EI, in Docket No.
7 130091-EI, DEF proposes that the Commission approve treating these costs as a
8 regulatory asset as of April 1, 2016 and allow DEF to amortize them equally
9 over approximately three years until fully recovered in 2019. The unamortized
10 investment balance should earn a return at DEF's WACC until such time as the
11 investment is fully recovered.

12 The proposed amortization of the Above Ground Secondary Containment and
13 CAIR CT assets will have no effect on 2016 rates. Any over/under-recovery
14 will be part of the normal true-up process in the annual ECRC proceedings.
15 Unrecovered Above Ground Secondary Containment costs are approximately
16 \$1.6M as of March 31, 2016; unrecovered CAIR CT costs are approximately
17 \$116k as of March 31, 2016.

18

19 **Q. How does DEF propose to treat unrecovered ECRC costs of the Pipeline**
20 **Integrity Management Projects?**

21 A. Consistent with the Commission's treatment of the NOx Allowances, as
22 approved in Commission Order No. PSC-11-0553-FOF-EI, in Docket No.
23 110007-EI and the Crystal River Thermal Discharge Compliance Project, as

1 approved in Commission Order No. PSC-13-0381-PAA-EI, in Docket No.
2 130091-EI, DEF proposes that the Commission approve treating these costs as a
3 regulatory asset as of September 1, 2016 and allow DEF to amortize them
4 equally over approximately three years until fully recovered in 2019. The
5 unamortized investment balance should earn a return at DEF's WACC until
6 such time as the investment is fully recovered.

7 The proposed amortization of the Pipeline Integrity Management assets will
8 have no effect on 2016 rates. Any over/under-recovery will be part of the
9 normal true-up process in the annual ECRC proceedings. Unrecovered Pipeline
10 Leak Detection costs are projected to be approximately \$939k as of August 31,
11 2016, unrecovered Pipeline Controls Upgrade costs are projected to be
12 approximately \$716k as of August 31, 2016 and Control Room Management
13 costs are projected to be approximately \$114k as of August 31, 2016.

14

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

16 A. Yes.

Docket No. 160007-EI

Duke Energy Florida

Witness: C. A. Menendez

Exh. No. __ (CAM-3)

Page 1 of 27

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

**January 2016 - December 2016
Calculation for the Current Period Actual / Estimated Amount
Actuals for the Period January 2016 - June 2016
Estimates for the Period July 2016 - December 2016**

Docket No. 160007-EI

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016
(in Dollars)

Form 42-1E

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-3)
Page 2 of 27

<u>Line</u>	<u>Period Amount</u>
1 Over/(Under) Recovery for the Period (Form 42-2E, Line 5)	\$ 6,588,502
2 Interest Provision (Form 42-2E, Line 6)	17,928
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 2017 to December 2017 (Lines 1 + 2 +3)	<u>\$ 6,606,430</u>

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

Form 42-2E

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ___ (CAM-3)
Page 3 of 27

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

Line	Description	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	ECRC Revenues (net of Revenue Taxes)	\$5,025,844	\$4,919,237	\$4,873,418	\$4,910,663	\$5,785,779	\$6,553,293	\$7,106,994	\$7,212,783	\$7,208,353	\$6,714,748	\$5,503,232	\$5,313,462	\$71,127,806
2	True-Up Provision (Order No. PSC-15-0536-FOF-EI)	53,287	53,287	53,287	53,287	53,287	53,287	53,287	53,287	53,287	53,287	53,287	53,287	639,441
3	ECRC Revenues Applicable to Period (Lines 1 + 2)	\$5,079,130	4,972,524	4,926,705	4,963,950	5,839,066	6,606,580	7,160,281	7,266,069	7,261,640	6,768,035	5,556,519	5,366,749	71,767,247
4	Jurisdictional ECRC Costs													
	a. O & M Activities (Form 42-5E, Line 9)	\$2,516,637	2,693,303	4,124,355	3,141,740	2,857,292	2,742,127	4,694,802	4,033,041	3,963,548	3,541,723	3,200,026	3,186,766	40,695,365
	b. Capital Investment Projects (Form 42-7E, Line 9)	2,061,795	2,087,513	2,075,455	2,072,847	2,086,304	2,060,621	1,991,386	1,986,084	2,018,627	1,997,064	2,023,471	2,022,214	24,483,380
	c. Other	0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Total Jurisdictional ECRC Costs	\$4,578,432	\$4,780,817	\$6,199,811	\$5,214,587	\$4,943,596	\$4,802,748	\$6,686,188	\$6,019,125	\$5,982,176	\$5,538,787	\$5,223,497	\$5,208,980	65,178,745
5	Over/(Under) Recovery (Line 3 - Line 4d)	\$500,698	191,707	(1,273,106)	(250,637)	895,470	1,803,831	474,093	1,246,944	1,279,464	1,229,247	333,022	157,769	6,588,502
6	Interest Provision (Form 42-3E, Line 10)	929	1,057	906	561	572	1,013	1,393	1,652	2,040	2,425	2,659	2,721	17,928
7	Beginning Balance True-Up & Interest Provision	639,441	1,087,781	1,227,258	(98,229)	(401,591)	441,164	2,192,721	2,614,920	3,810,230	5,038,447	6,216,833	6,499,227	639,441
	a. Deferred True-Up - January 2015 to December 2015 (2015 TU filing dated 4/1/16)	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488	1,951,488
8	True-Up Collected/(Refunded) (Line 2)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(53,287)	(639,441)
9	End of Period Total True-Up (Lines 5+6+7+7a+8)	\$3,039,269	3,178,747	1,853,260	1,549,897	2,392,652	4,144,210	4,566,409	5,761,718	6,989,935	8,168,321	8,450,715	8,557,918	8,557,918
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)	\$3,039,269	\$3,178,747	\$1,853,260	\$1,549,897	\$2,392,652	\$4,144,210	4,566,409	\$5,761,718	\$6,989,935	\$8,168,321	\$8,450,715	\$8,557,918	\$8,557,918

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

Form 42-3E

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ___ (CAM-3)
Page 4 of 27

Interest Provision
(in Dollars)

Line	Description	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	Beginning True-Up Amount (Form 42-2E, Lines 7 + 7a + 10)	\$2,590,929	\$3,039,269	\$3,178,747	\$1,853,260	\$1,549,897	\$2,392,652	\$4,144,210	\$4,566,409	\$5,761,718	\$6,989,935	\$8,168,321	\$8,450,715	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2E, Lines 5 + 8)	3,038,340	3,177,690	1,852,354	1,549,336	2,392,080	4,143,197	4,565,016	5,760,066	6,987,895	8,165,896	8,448,056	8,555,197	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	5,629,270	6,216,959	5,031,100	3,402,595	3,941,977	6,535,849	8,709,225	10,326,475	12,749,614	15,155,831	16,616,377	17,005,912	
4	Average True-Up Amount (Line 3 x 1/2)	2,814,635	3,108,480	2,515,550	1,701,298	1,970,989	3,267,925	4,354,613	5,163,238	6,374,807	7,577,916	8,308,189	8,502,956	
5	Interest Rate (Last Business Day of Prior Month)	0.40%	0.40%	0.42%	0.44%	0.34%	0.36%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	
6	Interest Rate (Last Business Day of Current Month)	0.40%	0.42%	0.44%	0.34%	0.36%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.80%	0.82%	0.86%	0.78%	0.70%	0.74%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	
8	Average Interest Rate (Line 7 x 1/2)	0.400%	0.410%	0.430%	0.390%	0.350%	0.370%	0.380%	0.380%	0.380%	0.380%	0.380%	0.380%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.033%	0.034%	0.036%	0.033%	0.029%	0.031%	0.032%	0.032%	0.032%	0.032%	0.032%	0.032%	
10	Interest Provision for the Month (Line 4 x Line 9)	\$929	\$1,057	\$906	\$561	\$572	\$1,013	\$1,393	\$1,652	\$2,040	\$2,425	\$2,659	\$2,721	17,928

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

Form 42 4E

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-3)
Page 5 of 27

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	\$270,576	\$469,000	(\$198,424)	-42%
1a	Distribution Substation Environmental Investigation, Remediation and Pollution Prevention	507,482	621,000	(113,518)	-18%
2	Distribution System Environmental Investigation, Remediation and Pollution Prevention	103,778	3,000	100,778	3359%
3	Pipeline Integrity Management - Bartow /Anclote Pipeline - Intm	695,676	695,676	(0)	0%
4	Above Ground Tank Secondary Containment	0	0	0	0%
5	SO2/NOx Emissions Allowances - Energy	65,284	111,050	(45,766)	-41%
5	NOx Emissions Allowances Regulatory Asset	3,629,156	3,629,156	(0)	0%
6	Phase II Cooling Water Intake 316(b) - Base	250,000	250,000	(0)	0%
6.a	Phase II Cooling Water Intake 316(b) - Intm	190,000	190,000	0	0%
7.2	CAIR/CAMR - Peaking	102,609	134,459	(31,850)	-24%
7.4	CAIR/CAMR Crystal River - Base	17,155,022	17,330,071	(175,049)	-1%
7.4	CAIR/CAMR Crystal River - Energy	15,116,100	16,783,826	(1,667,725)	-10%
7.4	CAIR/CAMR Crystal River - A&G	152,280	141,192	11,088	8%
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	0	0	0	0%
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0%
8	Arsenic Groundwater Standard - Base	130,660	0	130,660	100%
9	Sea Turtle - Coastal Street Lighting - Distrib	300	450	(150)	-33%
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%
15.1	Effluent Limitation Guidelines ICR Program CRN - Energy	0	0	0	0%
16	National Pollutant Discharge Elimination System (NPDES) - Energy	60,044	60,044	0	0%
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	501,671	529,400	(27,729)	-5%
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	1,807,936	3,780,792	(1,972,856)	-52%
18	Coal Combustion Residual (CCR) Rule - Energy	2,376,214	1,804,000	572,214	32%
2	Total O&M Activities - Recoverable Costs	\$43,114,788	\$46,533,115	(\$3,418,327)	-7%
3	Recoverable Costs Allocated to Energy	23,556,406	26,698,267	(3,141,861)	-12%
4	Recoverable Costs Allocated to Demand	\$19,558,382	\$19,834,847	(\$276,466)	-1%

Notes:

Column (1) End of Period Totals on Form 42-5E
Column (2) 2016 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 2016 - December 2016

Form 42-5E

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ___ (CAM-3)
Page 6 of 27

O&M Activities
(in Dollars)

Line	Description	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	O&M Activities - System													
1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	\$10,198	\$26,090	\$17,338	\$14,463	\$13,742	\$53,744	\$30,000	\$15,000	\$15,000	\$15,000	\$45,000	\$15,000	\$270,576
1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	12,365	25,872	75,433	65,021	24,469	29,322	100,000	45,000	25,000	50,000	30,000	25,000	507,482
2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	1,050	6,570	2,033	14,849	3,867	0	7,409	28,000	10,000	10,000	10,000	10,000	103,778
3	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intm	8,988	14,421	47,009	92,794	110,299	23,459	98,737	61,098	83,702	51,723	51,723	51,723	695,676
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	0	4,055	2,282	2,950	3,759	20,470	7,344	7,667	6,859	3,280	3,105	3,513	65,284
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	12,220	7,267	0	10,880	0	45,514	4,486	69,633	37,500	12,500	12,500	37,500	250,000
6a	Phase II Cooling Water Intake 316(b) - Intm	5,154	(1,637)	10,246	(2,252)	47,877	(32,993)	57,993	55,612	12,500	12,500	12,500	12,500	190,000
7.2	CAIR/CAMR - Peaking	0	17,500	0	0	0	19,000	0	0	31,850	0	0	34,259	102,609
7.4	CAIR/CAMR Crystal River - Base	1,140,751	1,346,034	2,866,288	1,504,269	1,137,928	1,013,420	1,423,454	1,268,103	1,484,385	1,467,729	1,408,875	1,093,784	17,155,022
7.4	CAIR/CAMR Crystal River - Energy	1,051,049	947,023	827,725	1,125,627	1,077,506	1,294,737	1,318,661	1,543,903	1,546,953	1,570,698	1,285,312	1,526,907	15,116,100
7.4	CAIR/CAMR Crystal River - A&G	6,099	8,368	15,826	10,760	13,993	12,734	14,000	14,500	14,000	14,000	14,000	14,000	152,280
7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	1,077	233	422	0	0	23,585	23,585	25,585	25,585	30,588	130,660
9	Sea Turtle - Coastal Street Lighting - Distrib	0	0	0	0	0	0	50	50	50	50	50	50	300
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
15.1	Effluent Limitation Guidelines ICR Program CRN - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
16	National Pollutant Discharge Elimination System (NPDES) - Energy	3,003	3,871	1,243	11,069	(4,918)	15,934	0	8,255	9,798	0	4,290	7,500	60,044
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	0	21	109,334	13,055	18,837	31,639	117,768	62,203	37,203	37,203	37,203	37,203	501,671
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	173,508	99,545	98,895	199,489	126,116	154,081	237,417	207,116	191,067	129,765	95,469	95,469	1,807,936
18	Coal Combustion Residual (CCR) Rule - Energy	(68,256)	29,843	11,630	(11,329)	160,793	(69,918)	1,255,284	558,433	358,433	58,433	44,433	48,433	2,376,214
2	Total O&M Activities - Recoverable Costs	\$2,658,560	\$2,837,273	\$4,388,791	\$3,354,308	\$3,037,119	\$2,913,572	\$4,975,033	\$4,270,588	\$4,190,316	\$3,760,896	\$3,382,474	\$3,345,858	\$43,114,788
3	Recoverable Costs Allocated to Energy	1,159,305	1,084,358	1,051,110	1,340,861	1,382,092	1,446,942	2,936,474	2,387,578	2,150,314	1,799,380	1,469,812	1,719,025	19,927,250
	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	10,198	26,090	17,338	14,463	13,742	53,744	30,000	15,000	15,000	15,000	45,000	15,000	270,576
	Recoverable Costs Allocated to Demand - Distrib	13,415	32,442	77,466	79,870	28,335	29,322	107,459	73,050	35,050	60,050	40,050	35,050	611,560
	Recoverable Costs Allocated to Demand - Prod-Base	1,152,971	1,353,300	2,867,366	1,515,382	1,138,351	1,058,934	1,427,940	1,361,321	1,545,470	1,505,814	1,446,960	1,161,872	17,535,682
	Recoverable Costs Allocated to Demand - Prod-Intm	14,142	12,784	57,255	90,542	158,176	(9,534)	156,730	116,710	96,202	64,223	64,223	64,223	885,676
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	17,500	0	0	0	19,000	0	0	31,850	0	0	34,259	102,609
	Recoverable Costs Allocated to Demand - A&G	6,099	8,368	15,826	10,760	13,993	12,734	14,000	14,500	14,000	14,000	14,000	14,000	152,280
5	Retail Energy Jurisdictional Factor	0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344	
	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)	1,113,049	1,055,623	1,019,156	1,272,477	1,337,865	1,372,280	2,817,245	2,290,781	2,072,898	1,716,820	1,428,640	1,673,360	19,170,194
	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)	7,159	18,316	12,172	10,154	9,647	37,730	21,061	10,530	10,530	10,530	31,591	10,530	189,950
	Jurisdictional Demand Recoverable Costs - Distrib (B)	13,356	32,300	77,126	79,520	28,211	29,193	106,987	72,729	34,896	59,786	39,874	34,896	608,874
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,070,937	1,257,013	2,663,353	1,407,563	1,057,357	983,591	1,326,342	1,264,463	1,435,510	1,398,675	1,344,009	1,079,205	16,288,018
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	10,282	9,294	41,626	65,826	114,999	(6,932)	113,947	84,852	69,942	46,692	46,692	46,692	643,912
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0	16,787	0	0	0	18,226	0	0	30,552	0	0	32,863	98,428
	Jurisdictional Demand Recoverable Costs - A&G (B)	5,685	7,801	14,753	10,031	13,044	11,870	13,051	13,517	13,051	13,051	13,051	13,051	141,956
9	Total Jurisdictional Recoverable Costs - O&M Activities (Lines 7 + 8)	\$2,516,637	\$2,693,303	\$4,124,355	\$3,141,740	\$2,857,292	\$2,742,127	\$4,694,802	\$4,033,041	\$3,963,548	\$3,541,723	\$3,200,026	\$3,186,766	\$40,695,365

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 2016 - December 2016

Form 42 6E

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ___ (CAM-3)
Page 7 of 27

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				
3.1	Pipeline Integrity Management - Bartow/Anclole Pipeline	\$437,902	\$279,860	\$158,042	56%
4.x	Above Ground Tank Secondary Containment	2,009,156	1,706,959	302,197	18%
5	SO2/NOx Emissions Allowances	896,890	903,155	(6,265)	-1%
7.x	CAIR/CAMR	831,453	878,284	(46,831)	-5%
7.5	Best Available Retrofit Technology (BART)	0	0	0	0%
9	Sea Turtle - Coastal Street Lighting	1,328	1,420	(92)	-6%
10.x	Underground Storage Tanks	26,830	27,345	(515)	-2%
11	Modular Cooling Towers	0	0	0	0%
11.1	Crystal River Thermal Discharge Compliance Project	0	0	0	0%
15.1	Effluent Limitation Guidelines CRN (ELG)	2,754	0	2,754	100%
16	National Pollutant Discharge Elimination System (NPDES)	1,785,028	1,827,576	(42,548)	-2%
17x	Mercury & Air Toxics Standards (MATS)	20,011,570	20,689,803	(678,233)	-3%
18	Coal Combustion Residual (CCR) Rule	22,387	168,915	(146,528)	-87%
2	Total Capital Investment Activities - Recoverable Costs	\$26,025,298	\$26,483,317	(\$458,019)	-2%
3	Recoverable Costs Allocated to Energy	21,004,350	21,705,401	(\$701,051)	-3%
4	Recoverable Costs Allocated to Demand	\$5,020,948	\$4,777,916	\$243,032	5%

Notes:

Column (1) End of Period Totals on Form 42-7E
Column (2) 2016 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 2016 - December 2016

Form 42-7E

Docket No. 160007-EI

Duke Energy Florida

Witness: C. A. Menendez

Exh. No. ___ (CAM-3)

Page 8 of 27

Capital Investment Projects-Recoverable Costs
(in Dollars)

Line	Description	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	Investment Projects - System (A)													
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intermediate	\$23,614	\$23,562	\$23,515	\$23,467	\$23,417	\$23,368	22,472	\$22,427	\$63,617	\$63,216	\$62,815	\$62,412	\$437,902
4.1	Above Ground Tank Secondary Containment - Peaking	116,319	116,031	115,744	153,829	153,193	152,553	148,081	147,481	146,879	146,277	145,674	145,070	1,687,131
4.2	Above Ground Tank Secondary Containment - Base	24,925	24,899	24,873	24,846	24,820	24,794	23,600	23,576	23,550	23,525	23,501	23,477	290,386
4.3	Above Ground Tank Secondary Containment - Intermediate	2,714	2,710	2,705	2,701	2,697	2,692	2,581	2,576	2,572	2,568	2,563	2,560	31,639
5	SO2/NOX Emissions Allowances - Energy	91,237	88,608	85,970	83,335	80,695	77,978	71,141	68,611	66,082	63,573	61,078	58,582	896,890
7.1	CAIR/CAMR Anclote- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	18,785	18,756	18,726	21,637	21,584	21,524	20,734	20,682	20,625	20,573	20,517	20,463	244,604
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	41,117	41,049	40,984	40,921	40,856	40,788	39,129	39,435	39,883	40,758	42,249	43,790	490,959
7.4	CAIR/CAMR Crystal River AFUDC - Energy	8,766	9,426	9,555	9,483	-4,594	9,461	9,159	8,963	8,957	8,896	8,881	8,937	95,890
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	113	113	113	112	111	111	107	108	109	110	110	111	1,328
10.1	Underground Storage Tanks - Base	1,569	1,567	1,564	1,562	1,559	1,557	1,491	1,490	1,487	1,485	1,483	1,480	18,294
10.2	Underground Storage Tanks - Intermediate	733	731	730	728	726	725	698	696	695	693	691	690	8,536
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)	0	0	0	0	0	0	0	0	0	0	0	0	0
11.1	Crystal River Thermal Discharge Compliance Project - Base (2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
15.1	Effluent Limitation Guidelines CRN (ELG) - Base	0	0	0	0	0	0	0	0	0	306	918	1,530	2,754
16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	153,295	152,987	152,678	152,370	152,063	151,755	145,708	145,417	145,125	144,835	144,543	144,252	1,785,028
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	35,547	36,688	36,969	37,585	37,947	37,809	36,046	35,993	35,940	35,885	35,832	35,778	438,023
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	1,428,161	1,425,914	1,423,722	1,421,628	1,417,343	1,417,073	1,357,302	1,355,320	1,353,338	1,351,357	1,349,375	1,347,392	16,647,919
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	246,135	251,030	250,753	250,304	250,242	249,962	239,224	238,673	238,123	237,571	237,021	236,585	2,925,628
18	Coal Combustion Residual (CCR) Rule - Demand	568	949	1,182	1,222	1,507	1,681	1,846	2,171	2,429	2,686	2,944	3,202	22,387
2	Total Investment Projects - Recoverable Costs	\$2,193,598	\$2,195,020	\$2,189,783	\$2,225,730	\$2,204,166	\$2,213,831	\$2,119,319	\$2,113,619	\$2,149,411	\$2,144,315	\$2,140,195	\$2,136,311	\$26,025,298
3	Recoverable Costs Allocated to Energy	1,809,846	1,811,666	1,806,969	1,802,335	1,781,634	1,792,283	1,712,872	1,707,561	1,702,440	1,697,283	1,692,188	1,687,274	21,004,350
	Recoverable Costs Allocated to Distribution Demand	113	113	113	112	111	111	107	108	109	110	110	111	1,328
4	Recoverable Costs Allocated to Demand - Production - Base	68,179	68,464	68,603	68,551	68,742	68,820	66,066	66,672	67,349	68,760	71,095	73,479	824,780
	Recoverable Costs Allocated to Demand - Production - Intermediate	180,356	179,990	179,628	179,266	178,903	178,540	171,459	171,116	212,009	211,312	210,612	209,914	2,263,105
	Recoverable Costs Allocated to Demand - Production - Peaking	135,104	134,787	134,470	175,466	174,777	174,077	168,815	168,163	167,504	166,850	166,191	165,533	1,931,735
	Recoverable Costs Allocated to Demand - Production - Base (2012)	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Retail Energy Jurisdictional Factor	0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344	
	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 (B)	1,737,633	1,763,657	1,752,037	1,710,416	1,724,621	1,699,802	1,643,324	1,638,333	1,641,149	1,619,408	1,644,786	1,642,453	20,217,618
	Jurisdictional Demand Recoverable Costs - Distribution (B)	113	113	113	112	111	111	107	108	109	110	110	111	1,322
8	Jurisdictional Demand Recoverable Costs - Production - Base (C)	63,328	63,593	63,722	63,674	63,851	63,923	61,365	61,928	62,557	63,868	66,037	68,251	766,097
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	131,124	130,858	130,595	130,332	130,068	129,804	124,656	124,406	154,137	153,630	153,121	152,614	1,645,345
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	129,597	129,293	128,989	168,314	167,653	166,981	161,934	161,308	160,676	160,049	159,417	158,786	1,852,998
	Jurisdictional Demand Recoverable Costs - Production - Base (2012) (C)	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total Jurisdictional Recoverable Costs - Investment Projects (Lines 7 + 8)	\$2,061,795	\$2,087,513	\$2,075,455	\$2,072,847	\$2,086,304	\$2,060,621	\$1,991,386	\$1,986,084	\$2,018,627	\$1,997,064	\$2,023,471	\$2,022,214	\$24,483,380

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) Line 3 x Line 5

(C) Line 4 x Line 6

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	2,580,753	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	\$33,951	\$33,951	\$33,951	\$33,951	\$33,951	\$33,951
3	Less: Accumulated Depreciation	(777,505)	(783,149)	(788,793)	(794,437)	(800,081)	(805,725)	(811,369)	(817,013)	1,758,096	(9,814)	(9,867)	(9,920)	(9,973)	
3a	Regulatory Asset Balance (G)	0	0	0	0	0	0	0	0	0	1,718,749	1,669,642	1,620,535	1,571,428	
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)	\$1,837,199	\$1,831,555	\$1,825,911	\$1,820,267	\$1,814,623	\$1,808,979	\$1,803,335	\$1,797,691	\$1,792,047	\$1,742,887	\$1,693,727	\$1,644,567	\$1,595,407	
6	Average Net Investment		\$1,834,377	\$1,828,733	\$1,823,089	\$1,817,445	\$1,811,801	\$1,806,157	\$1,800,513	\$1,794,869	\$1,767,467	\$1,718,307	\$1,669,147	\$1,619,987	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other														
			3,098	3,087	3,078	3,069	3,059	3,050	2,809	2,801	2,758	2,681	2,604	2,527	34,621
			12,742	12,701	12,663	12,624	12,584	12,544	11,889	11,852	11,671	11,347	11,023	10,697	144,337
			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	53	53	53	53	45,364
	b. Amortization (G)		0	0	0	0	0	0	0	0	49,107	49,107	49,107	49,107	196,428
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		2,130	2,130	2,130	2,130	2,130	2,130	2,130	2,130	28	28	28	28	17,152
	e. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$23,614	\$23,562	\$23,515	\$23,467	\$23,417	\$23,368	\$22,472	\$22,427	\$63,617	\$63,216	\$62,815	\$62,412	437,902
	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		23,614	23,562	23,515	23,467	23,417	23,368	22,472	22,427	63,617	63,216	62,815	62,412	437,902
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		17,168	17,130	17,096	17,061	17,025	16,989	16,338	16,305	46,251	45,960	45,668	45,375	318,368
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,168	\$17,130	\$17,096	\$17,061	\$17,025	\$16,989	\$16,338	\$16,305	\$46,251	\$45,960	\$45,668	\$45,375	\$318,368

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Investment amortized over three years in accordance with petition filed 8/4/2016 in Docket 160007-EI.

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	2,066,600	0	0	0	0	0	0	0	0	0	0
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base (A)	\$11,301,804	\$11,301,804	\$11,301,804	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204	\$9,235,204
3	Less: Accumulated Depreciation	(2,805,886)	(2,839,113)	(2,872,340)	(838,967)	(2,512,500)	(2,540,569)	(2,568,638)	(2,596,707)	(2,624,776)	(2,652,845)	(2,680,914)	(2,708,983)	(2,737,052)	
3a	Regulatory Asset Balance (G)	0	0	0	0	1,599,756	1,554,049	1,508,342	1,462,635	1,416,928	1,371,221	1,325,514	1,279,807	1,234,100	
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)	\$8,495,917	\$8,462,690	\$8,429,463	\$8,396,236	\$8,322,460	\$8,248,684	\$8,174,908	\$8,101,132	\$8,027,356	\$7,953,580	\$7,879,804	\$7,806,028	\$7,732,252	
6	Average Net Investment		\$8,479,304	\$8,446,077	\$8,412,850	\$8,359,348	\$8,285,572	\$8,211,796	\$8,138,020	\$8,064,244	\$7,990,468	\$7,916,692	\$7,842,916	\$7,769,140	
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun	Jul-Dec												
		2.03%	1.87%	14,317	14,261	14,205	14,114	13,991	13,865	12,693	12,579	12,465	12,348	12,233	12,119
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	58,896	58,664	58,433	58,063	57,550	57,036	53,736	53,250	52,762	52,277	51,789	51,299
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		33,227	33,227	33,227	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	28,069	352,302
	b. Amortization (G)		0	0	0	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	411,363
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		9,879	9,879	9,879	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	7,876	100,521
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$116,319	\$116,031	\$115,744	\$153,829	\$153,193	\$152,553	\$148,081	\$147,481	\$146,879	\$146,277	\$145,674	\$145,070	1,687,131
	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		116,319	116,031	115,744	153,829	153,193	152,553	148,081	147,481	146,879	146,277	145,674	145,070	1,687,131
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		111,578	111,302	111,026	147,559	146,949	146,335	142,045	141,470	140,892	140,315	139,736	139,157	1,618,364
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$111,578	\$111,302	\$111,026	\$147,559	\$146,949	\$146,335	\$142,045	\$141,470	\$140,892	\$140,315	\$139,736	\$139,157	\$1,618,364

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Investment amortized over three years in accordance with petition filed 8/4/2016 in Docket 160007-EI.

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

Form 42-8E
Page 3 of 18

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ___ (CAM-3)
Page 11 of 27

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	\$100,001	96,969	93,937	90,905	87,873	84,841	81,809	78,777	75,745	72,713	69,681	66,649	63,617	
4	CWIP - Non-Interest Bearing		0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2+ 3 + 4)	\$2,499,040	\$2,496,008	\$2,492,976	\$2,489,944	\$2,486,912	\$2,483,880	\$2,480,848	\$2,477,816	\$2,474,784	\$2,471,752	\$2,468,720	\$2,465,688	\$2,462,656	
6	Average Net Investment		\$2,497,524	\$2,494,492	\$2,491,460	\$2,488,428	\$2,485,396	\$2,482,364	\$2,479,332	\$2,476,300	\$2,473,268	\$2,470,236	\$2,467,204	\$2,464,172	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		329	329	329	329	329	329	329	329	329	329	329	329	3,948
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$24,925	\$24,899	\$24,873	\$24,846	\$24,820	\$24,794	\$23,600	\$23,576	\$23,550	\$23,525	\$23,501	\$23,477	290,386
	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		24,925	24,899	24,873	24,846	24,820	24,794	23,600	23,576	23,550	23,525	23,501	23,477	290,386
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		23,152	23,127	23,103	23,078	23,054	23,030	21,921	21,899	21,874	21,851	21,829	21,807	269,725
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$23,152	\$23,127	\$23,103	\$23,078	\$23,054	\$23,030	\$21,921	\$21,899	\$21,874	\$21,851	\$21,829	\$21,807	\$269,725

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(60,186)	(60,711)	(61,236)	(61,761)	(62,286)	(62,811)	(63,336)	(63,861)	(64,386)	(64,911)	(65,436)	(65,961)	(66,486)	
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)	\$230,112	\$229,587	\$229,062	\$228,537	\$228,012	\$227,487	\$226,962	\$226,437	\$225,912	\$225,387	\$224,862	\$224,337	\$223,812	
6	Average Net Investment		\$229,849	\$229,324	\$228,799	\$228,274	\$227,749	\$227,224	\$226,699	\$226,174	\$225,649	\$225,124	\$224,599	\$224,074	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other														
8	Investment Expenses														
	a. Depreciation (C)		525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		205	205	205	205	205	205	205	205	205	205	205	205	2,460
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,714	\$2,710	\$2,705	\$2,701	\$2,697	\$2,692	\$2,581	\$2,576	\$2,572	\$2,568	\$2,563	\$2,560	31,639
	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		2,714	2,710	2,705	2,701	2,697	2,692	2,581	2,576	2,572	2,568	2,563	2,560	31,639
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		1,973	1,970	1,967	1,964	1,961	1,957	1,876	1,873	1,870	1,867	1,863	1,861	23,003
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,973	\$1,970	\$1,967	\$1,964	\$1,961	\$1,957	\$1,876	\$1,873	\$1,870	\$1,867	\$1,863	\$1,861	\$23,003

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	Working Capital Dr (Cr)														
	a. 0158150 SO ₂ Emission Allowance Inventory	\$3,398,224	\$3,398,224	\$3,394,169	\$3,391,887	\$3,388,900	\$3,385,133	\$3,379,561	\$3,372,207	\$3,364,531	\$3,357,663	\$3,354,374	\$3,351,261	\$3,347,739	\$3,347,739
	b. 0254020 Auctioned SO ₂ Allowance	(4,282)	(4,282)	(4,282)	(4,282)	(4,355)	(4,346)	(4,337)	(4,328)	(4,319)	(4,310)	(4,300)	(4,291)	(4,282)	(4,282)
	c. 0158170 NOx Emission Allowance Inventory	65,869	65,869	65,869	65,869	65,869	65,869	50,962	50,962	50,962	50,962	50,962	50,962	50,962	50,962
	d. Other (A)	7,258,313	6,955,883	6,653,453	6,351,024	6,048,594	5,746,164	5,443,735	5,141,305	4,838,875	4,536,445	4,234,016	3,931,586	3,629,156	3,629,156
2	Total Working Capital	\$10,718,124	\$10,415,694	\$10,109,209	\$9,804,497	\$9,499,008	\$9,192,820	\$8,869,920	\$8,560,146	\$8,250,050	\$7,940,761	\$7,635,051	\$7,329,517	\$7,023,575	\$7,023,575
3	Average Net Investment		\$10,566,909	\$10,262,451	\$9,956,853	\$9,651,753	\$9,345,914	\$9,031,370	\$8,715,033	\$8,405,098	\$8,095,405	\$7,787,906	\$7,482,284	\$7,176,546	
4	Return on Average Net Working Capital Balance (B)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
5	Total Return Component (C)		\$91,237	\$88,608	\$85,970	\$83,335	\$80,695	\$77,978	\$71,141	\$68,611	\$66,082	\$63,573	\$61,078	\$58,582	896,890
6	Expense Dr (Cr)														
	a. 0509030 SO ₂ Allowance Expense		\$0	\$4,055	\$2,282	\$2,986	\$3,768	\$5,572	\$7,353	\$7,676	\$6,868	\$3,289	\$3,114	\$3,522	50,485
	b. 0407426 Amortization Expense		0	0	0	(36)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(9)	(108)
	c. 0509212 NOx Allowance Expense		0	0	0	0	14,907	0	0	0	0	0	0	0	14,907
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (D)		0	4,055	2,282	2,950	3,759	20,470	7,344	7,667	6,859	3,280	3,105	3,513	65,284
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 + 8)		\$393,667	\$395,093	\$390,682	\$388,715	\$386,883	\$400,878	\$380,915	\$378,708	\$375,371	\$369,283	\$366,612	\$364,524	4,591,330
	a. Recoverable Costs Allocated to Energy		91,237	92,663	88,252	86,285	84,454	98,448	78,485	76,278	72,941	66,853	64,183	62,095	962,174
	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		0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344	
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)		\$87,597	\$90,208	\$85,569	\$81,885	\$81,751	\$93,368	\$75,299	\$73,186	\$70,315	\$63,786	\$62,385	\$60,445	925,792
13	NOx CAIR Emission Allowances Recoverable Costs (F)		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 12 + 13)		\$ 383,766	\$ 386,377	\$ 381,739	\$ 378,054	\$ 377,920	\$ 389,538	\$ 371,468	\$ 369,355	\$ 366,484	\$ 359,955	\$ 358,554	\$ 356,614	\$ 4,479,825

Notes:

- (A) \$7,324,182 (\$65,869 Line 1c Beg Bal + \$7,258,313 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 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	134,012	0	0	0	0	0	0	0	0	0	0	
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base (A)	\$1,936,108	1,936,108	1,936,108	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096	1,802,096		
3	Less: Accumulated Depreciation	(346,416)	(349,966)	(353,516)	(223,054)	(342,561)	(345,975)	(349,389)	(352,803)	(356,217)	(359,631)	(363,045)	(366,459)	(369,873)		
3a	Regulatory Asset Balance (G)	0	0	0	0	112,868	109,643	106,418	103,193	99,969	96,744	93,519	90,294	87,069		
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)	\$1,589,692	\$1,586,142	\$1,582,592	\$1,579,042	\$1,572,403	\$1,565,764	\$1,559,126	\$1,552,487	\$1,545,848	\$1,539,209	\$1,532,570	\$1,525,932	\$1,519,293		
6	Average Net Investment		\$1,587,917	\$1,584,367	\$1,580,817	\$1,575,723	\$1,569,084	\$1,562,445	\$1,555,806	\$1,549,167	\$1,542,529	\$1,535,890	\$1,529,251	\$1,522,612		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.03%	1.87%	2,680	2,675	2,670	2,659	2,650	2,638	2,426	2,416	2,405	2,396	2,385	2,374	30,374
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	11,029	11,005	10,980	10,943	10,899	10,851	10,273	10,231	10,185	10,142	10,097	10,054	126,689
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
	a. Depreciation (C)		3,550	3,550	3,550	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	3,414	41,376	
	b. Amortization (G)		0	0	0	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	3,225	29,023	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D)		1,526	1,526	1,526	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	1,396	17,142	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$18,785	\$18,756	\$18,726	\$21,637	\$21,584	\$21,524	\$20,734	\$20,682	\$20,625	\$20,573	\$20,517	\$20,463	244,604	
	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		18,785	18,756	18,726	21,637	21,584	21,524	20,734	20,682	20,625	20,573	20,517	20,463	244,604	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Retail Demand-Related Recoverable Costs (F)		18,019	17,992	17,963	20,755	20,704	20,646	19,889	19,839	19,784	19,734	19,681	19,629	234,634	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$18,019	\$17,992	\$17,963	\$20,755	\$20,704	\$20,646	\$19,889	\$19,839	\$19,784	\$19,734	\$19,681	\$19,629	\$234,634	

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Investment amortized over three years in accordance with petition filed 8/4/2016 in Docket 160007-EI.

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$45,000	\$45,000	\$80,000	\$150,000	\$230,000	\$163,000	\$713,000
	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	\$3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012	3,930,012
3	Less: Accumulated Depreciation	(106,259)	(113,845)	(121,431)	(129,017)	(136,603)	(144,189)	(151,775)	(159,361)	(166,947)	(174,533)	(182,119)	(189,705)	(197,291)	(197,291)
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	45,000	90,000	170,000	320,000	550,000	713,000	713,000
5	Net Investment (Lines 2 + 3 + 4)	\$3,823,754	\$3,816,168	\$3,808,582	\$3,800,996	\$3,793,410	\$3,785,824	\$3,778,238	\$3,815,652	\$3,853,066	\$3,925,480	\$4,067,894	\$4,290,308	\$4,445,722	\$4,445,722
6	Average Net Investment		\$3,819,961	\$3,812,375	\$3,804,789	\$3,797,203	\$3,789,617	\$3,782,031	\$3,796,945	\$3,834,359	\$3,889,273	\$3,996,687	\$4,179,101	\$4,368,015	\$4,368,015
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun	2.03%	Jul-Dec	1.87%										
	b. Equity Component Grossed Up For Taxes		8.33%		7.92%										
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	7,586	91,032
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		548	548	548	548	548	548	548	548	548	548	548	548	6,576
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$41,117	\$41,049	\$40,984	\$40,921	\$40,856	\$40,788	\$39,129	\$39,435	\$39,883	\$40,758	\$42,249	\$43,790	490,959
	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		41,117	41,049	40,984	40,921	40,856	40,788	39,129	39,435	39,883	40,758	42,249	43,790	490,959
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		38,192	38,128	38,068	38,009	37,949	37,886	36,345	36,629	37,045	37,858	39,243	40,674	456,027
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$38,192	\$38,128	\$38,068	\$38,009	\$37,949	\$37,886	\$36,345	\$36,629	\$37,045	\$37,858	\$39,243	\$40,674	\$456,027

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

Form 42-8E
Page 8 of 18

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. ___ (CAM-3)
Page 16 of 27

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total	
1	Working Capital Dr (Cr)															
	a. 0154401 Ammonia Inventory	\$11,276	\$82,552	\$9,434	\$35,636	\$73,857	\$69,349	\$73,451	\$57,380	\$57,380	\$57,380	\$57,380	\$57,380	\$57,380	\$57,380	
	b. 0154200 Limestone Inventory (F)	932,495	1,004,126	1,087,247	1,080,887	1,006,199	973,501	1,075,224	1,037,864	1,043,487	1,036,194	1,028,745	1,032,502	1,042,336	1,042,336	
2	Total Working Capital	\$943,771	\$1,086,678	\$1,096,681	\$1,116,523	\$1,080,057	\$1,042,850	\$1,148,675	\$1,095,244	\$1,100,867	\$1,093,574	\$1,086,125	\$1,089,882	\$1,099,716	1,099,716	
3	Average Net Investment		1,015,224	1,091,679	1,106,602	1,098,290	1,061,454	1,095,763	1,121,960	1,098,055	1,097,220	1,089,849	1,088,003	1,094,799		
4	Return on Average Net Working Capital Balance (A)															
	a. Debt Component (F)	Jan-Jun	Jul-Dec													
		2.03%	1.87%	1,714	1,843	1,868	1,854	(897)	1,850	1,750	1,713	1,711	1,700	1,697	1,708	\$18,513
	b. Equity Component Grossed Up For Taxes (F)	8.33%	7.92%	7,051	7,583	7,686	7,628	(3,697)	7,611	7,408	7,251	7,245	7,196	7,184	7,229	77,377
5	Total Return Component (B)			8,766	9,426	9,555	9,483	(4,594)	9,461	9,159	8,963	8,957	8,896	8,881	8,937	95,890
6	Expense Dr (Cr)															
	a. 0502030 Ammonia Expense		212,534	234,810	199,888	299,816	331,358	405,210	470,739	467,246	474,561	484,937	413,592	472,009	4,466,700	
	b. 0502040 Limestone Expense		290,822	293,577	223,261	384,182	337,014	520,602	414,987	420,796	410,375	436,850	282,783	416,914	4,432,163	
	c. 0502050 Dibasic Acid Expense		0	0	0	0	0	0	22,000	22,000	22,000	0	0	0	66,000	
	d. 0502070 Gypsum Disposal/Sale		312,096	219,059	277,142	156,221	169,555	2,650	(19,000)	207,389	207,389	207,389	207,389	207,389	2,154,668	
	b. 0502040 Hydrated Lime Expense		235,598	199,576	127,435	285,407	239,579	366,274	404,935	401,472	407,628	416,522	356,548	405,595	3,846,569	
	f. 0502300 Caustic Expense		0	0	0	0	0	0	25,000	25,000	25,000	25,000	25,000	25,000	150,000	
7	Net Expense (C)		1,051,049	947,023	827,725	1,125,627	1,077,506	1,294,737	1,318,661	1,543,903	1,546,953	1,570,698	1,285,312	1,526,907	15,116,100	
8	Total System Recoverable Expenses (Lines 5 + 7)		\$1,059,815	\$956,449	\$837,280	\$1,135,110	\$1,072,912	\$1,304,198	\$1,327,820	\$1,552,866	\$1,555,910	\$1,579,594	\$1,294,193	\$1,535,843	15,211,990	
	a. Recoverable Costs Allocated to Energy		1,059,815	956,449	837,280	1,135,110	1,072,912	1,304,198	1,327,820	1,552,866	1,555,910	1,579,594	1,294,193	1,535,843	15,211,990	
	b. Recoverable Costs Allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Energy Jurisdictional Factor		0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344		
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Retail Energy-Related Recoverable Costs (D)		1,017,528	931,103	811,827	1,077,219	1,038,579	1,236,901	1,273,906	1,489,910	1,499,894	1,507,119	1,257,940	1,495,045	14,636,972	
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)		\$ 1,017,528	\$ 931,103	\$ 811,827	\$ 1,077,219	\$ 1,038,579	\$ 1,236,901	\$ 1,273,906	\$ 1,489,910	\$ 1,499,894	\$ 1,507,119	\$ 1,257,940	\$ 1,495,045	\$ 14,636,972	

Notes:

- (A) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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
- (F) The May 2016 total includes a credit resulting from an adjustment to limestone inventory

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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)	Jan-Jun	Jul-Dec												
	a. Debt Component	2.03%	1.87%	0	0	0	0	0	0	0	0	0	0	0	0
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.009645		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		0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$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) N/A
- (C) N/A
- (D) N/A
- (E) N/A
- (F) N/A

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$75	\$75	\$75	\$75	\$75	\$75	\$450	
	b. Clearings to Plant		0	0	0	0	0	0	75	75	75	75	75	75		
	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	11,399	11,474	11,549	11,624	11,699	11,774		
3	Less: Accumulated Depreciation	(2,654)	(2,683)	(2,712)	(2,741)	(2,770)	(2,799)	(2,828)	(2,857)	(2,886)	(2,916)	(2,946)	(2,976)	(3,006)		
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)	\$8,670	\$8,641	\$8,612	\$8,583	\$8,554	\$8,525	\$8,496	\$8,542	\$8,588	\$8,633	\$8,678	\$8,723	\$8,768		
6	Average Net Investment		\$8,656	\$8,627	\$8,598	\$8,569	\$8,540	\$8,511	\$8,519	\$8,565	\$8,611	\$8,656	\$8,701	\$8,746		
7	Return on Average Net Investment (B)															
	a. Debt Component	Jan-Jun	2.03%	1.87%	15	15	15	14	14	14	13	13	13	14	14	168
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	60	60	60	60	59	59	56	57	57	57	57	58	700
	c. Other			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	30	30	30	30	352	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D) 0.009414		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)		\$113	\$113	\$113	\$112	\$111	\$111	\$107	\$108	\$109	\$110	\$110	\$111	1,328	
	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		\$113	\$113	\$113	\$112	\$111	\$111	\$107	\$108	\$109	\$110	\$110	\$111	1,328	
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
11	Demand Jurisdictional Factor - (Distribution)		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561		
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
13	Retail Demand-Related Recoverable Costs (F)		113	113	113	112	111	111	107	108	109	110	110	111	1,322	
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$113	\$113	\$113	\$112	\$111	\$111	\$107	\$108	\$109	\$110	\$110	\$111	\$1,322	

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total			
1	Investments																	
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0			
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0			
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0			
2	Plant-in-Service/Depreciation Base	\$168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941			
3	Less: Accumulated Depreciation	(35,344)	(35,640)	(35,936)	(36,232)	(36,528)	(36,824)	(37,120)	(37,416)	(37,712)	(38,008)	(38,304)	(38,600)	(38,896)				
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)	\$133,597	\$133,301	\$133,005	\$132,709	\$132,413	\$132,117	\$131,821	\$131,525	\$131,229	\$130,933	\$130,637	\$130,341	\$130,045				
6	Average Net Investment		\$133,449	\$133,153	\$132,857	\$132,561	\$132,265	\$131,969	\$131,673	\$131,377	\$131,081	\$130,785	\$130,489	\$130,193				
7	Return on Average Net Investment (B)																	
	a. Debt Component	Jan-Jun	2.03%	Jul-Dec	1.87%	225	225	224	224	223	223	205	205	204	204	204	203	2,569
	b. Equity Component Grossed Up For Taxes	8.33%	927	925	923	921	919	917	869	868	866	864	862	860	860	860	10,721	
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses																	
	a. Depreciation (C) 2.1000%		296	296	296	296	296	296	296	296	296	296	296	296	296	3,552		
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	0		
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
	d. Property Taxes (D) 0.008573		121	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	0		
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,569	\$1,567	\$1,564	\$1,562	\$1,559	\$1,557	\$1,491	\$1,490	\$1,487	\$1,485	\$1,483	\$1,480	18,294			
	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		\$1,569	\$1,567	\$1,564	\$1,562	\$1,559	\$1,557	\$1,491	\$1,490	\$1,487	\$1,485	\$1,483	\$1,480	18,294			
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885			
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
13	Retail Demand-Related Recoverable Costs (F)		1,457	1,456	1,453	1,451	1,448	1,446	1,385	1,384	1,381	1,379	1,377	1,375	16,992			
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,457	\$1,456	\$1,453	\$1,451	\$1,448	\$1,446	\$1,385	\$1,384	\$1,381	\$1,379	\$1,377	\$1,375	\$16,992			

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

Form 42-8E
Page 12 of 18

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-3)
Page 20 of 27

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	76,006			
3	Less: Accumulated Depreciation	(21,785)	(21,988)	(22,191)	(22,394)	(22,597)	(22,800)	(23,003)	(23,206)	(23,409)	(23,612)	(23,815)	(24,018)	(24,221)				
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)	\$54,221	\$54,018	\$53,815	\$53,612	\$53,409	\$53,206	\$53,003	\$52,800	\$52,597	\$52,394	\$52,191	\$51,988	\$51,785				
6	Average Net Investment		\$54,120	\$53,917	\$53,714	\$53,511	\$53,308	\$53,105	\$52,902	\$52,699	\$52,496	\$52,293	\$52,090	\$51,887				
7	Return on Average Net Investment (B)																	
	a. Debt Component	Jan-Jun	2.03%	Jul-Dec	1.87%	91	91	91	90	90	90	83	82	82	82	81	81	1,034
	b. Equity Component Grossed Up For Taxes	8.33%	376	374	373	372	370	369	349	348	347	345	344	343	343	343	4,310	
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses																	
	a. Depreciation (C) 3.2000%		203	203	203	203	203	203	203	203	203	203	203	203	2,436			
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0			
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	d. Property Taxes (D) 0.009890		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)		\$733	\$731	\$730	\$728	\$726	\$725	\$698	\$696	\$695	\$693	\$691	\$690	8,536			
	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		\$733	\$731	\$730	\$728	\$726	\$725	\$698	\$696	\$695	\$693	\$691	\$690	8,536			
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703				
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)		533	531	531	529	528	527	507	506	505	504	502	502	6,206			
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$533	\$531	\$531	\$529	\$528	\$527	\$507	\$506	\$505	\$504	\$502	\$502	\$6,206			

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

Return on Capital Investments, Depreciation and Taxes
For Project: Effluent Limitation Guidelines CRN - Energy (Project 15.1)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$75,000	\$75,000	\$225,000
	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	\$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	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	75,000	150,000	225,000	
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000	\$150,000	\$225,000	
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$37,500	\$112,500	\$187,500	
7	Return on Average Net Investment (B)														
	a. Debt Component	Jan-Jun													
		2.03%	0	0	0	0	0	0	0	0	0	58	175	292	525
	b. Equity Component Grossed Up For Taxes	8.33%	0	0	0	0	0	0	0	0	0	248	743	1,238	2,229
	c. Other	7.92%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$306	\$918	\$1,530	2,754
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	306	918	1,530	2,754
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (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)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$284	\$853	\$1,421	2,558
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$284	\$853	\$1,421	\$2,558

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) N/A
- (D) N/A
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Calculation of Actual / Estimated Amount
January 2016 - December 2016

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	\$12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	12,841,870	
3	Less: Accumulated Depreciation	(432,021)	(467,693)	(503,365)	(539,037)	(574,709)	(610,381)	(646,053)	(681,725)	(717,397)	(753,069)	(788,741)	(824,413)	(860,085)	
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)	\$12,409,849	\$12,374,177	\$12,338,505	\$12,302,833	\$12,267,161	\$12,231,489	\$12,195,817	\$12,160,145	\$12,124,473	\$12,088,801	\$12,053,129	\$12,017,457	\$11,981,785	
6	Average Net Investment		\$12,392,013	\$12,356,341	\$12,320,669	\$12,284,997	\$12,249,325	\$12,213,653	\$12,177,981	\$12,142,309	\$12,106,637	\$12,070,965	\$12,035,293	\$11,999,621	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.3333%	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	35,672	428,064
	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.009930	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	10,627	127,524
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$153,295	\$152,987	\$152,678	\$152,370	\$152,063	\$151,755	\$145,708	\$145,417	\$145,125	\$144,835	\$144,543	\$144,252	1,785,028
	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		\$153,295	\$152,987	\$152,678	\$152,370	\$152,063	\$151,755	\$145,708	\$145,417	\$145,125	\$144,835	\$144,543	\$144,252	1,785,028
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
13	Retail Demand-Related Recoverable Costs (F)		111,450	111,226	111,001	110,778	110,554	110,330	105,934	105,723	105,510	105,299	105,087	104,876	1,297,769
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$111,450	\$111,226	\$111,001	\$110,778	\$110,554	\$110,330	\$105,934	\$105,723	\$105,510	\$105,299	\$105,087	\$104,876	\$1,297,769

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$116,169	\$111,531	(\$23,336)	\$124,199	(\$18,670)	(\$170)	\$0	\$0	\$0	\$0	\$0	\$0	\$309,724
	b. Clearings to Plant		116,169	111,531	(23,336)	124,199	(18,670)	(170)	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	\$3,380,463	3,496,632	3,608,164	3,584,828	3,709,027	3,690,357	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	3,690,187	
3	Less: Accumulated Depreciation	(29,565)	(35,806)	(42,244)	(48,640)	(55,255)	(61,837)	(68,419)	(75,001)	(81,583)	(88,165)	(94,747)	(101,329)	(107,911)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)	\$3,350,898	\$3,460,826	\$3,565,920	\$3,536,188	\$3,653,772	\$3,628,520	\$3,621,768	\$3,615,186	\$3,608,604	\$3,602,022	\$3,595,440	\$3,588,858	\$3,582,276	
6	Average Net Investment		\$3,405,862	\$3,513,373	\$3,551,054	\$3,594,980	\$3,641,146	\$3,625,144	\$3,618,477	\$3,611,895	\$3,605,313	\$3,598,731	\$3,592,149	\$3,585,567	
7	Return on Average Net Investment (B)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other														
			5,751	5,932	5,996	6,070	6,148	6,121	5,644	5,634	5,624	5,613	5,603	5,593	69,729
			23,656	24,403	24,665	24,970	25,290	25,179	23,893	23,850	23,807	23,763	23,720	23,676	290,872
			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) Blended		6,241	6,438	6,396	6,615	6,582	6,582	6,582	6,582	6,582	6,582	6,582	6,582	78,346
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.001703		496	512	509	527	524	524	524	524	524	524	524	524	6,236
	e. Other (E)		(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(7,160)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$35,547	\$36,688	\$36,969	\$37,585	\$37,947	\$37,809	\$36,046	\$35,993	\$35,940	\$35,885	\$35,832	\$35,778	438,023
	a. Recoverable Costs Allocated to Energy		35,547	36,688	36,969	37,585	37,947	37,809	36,046	35,993	35,940	35,885	35,832	35,778	438,023
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344	
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
12	Retail Energy-Related Recoverable Costs (F)		\$34,129	\$35,716	\$35,845	\$35,668	\$36,733	\$35,858	\$34,583	\$34,534	\$34,646	\$34,239	\$34,829	\$34,828	\$421,608
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)		\$34,129	\$35,716	\$35,845	\$35,668	\$36,733	\$35,858	\$34,583	\$34,534	\$34,646	\$34,239	\$34,829	\$34,828	\$421,608

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total	
1	Investments															
	a. Expenditures/Additions		\$0	(\$22,537)	\$0	\$0	\$133,990	\$27,451	\$0	\$0	\$0	\$0	\$0	\$0	\$138,904	
	b. Clearings to Plant		0	(22,537)	0	0	(321,096)	469,799	0	0	0	0	0	0	0	
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other - AFUDC (A)		0	0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base	\$133,992,101	133,992,101	133,969,564	133,969,564	133,969,564	133,648,468	134,118,267	134,118,267	134,118,267	134,118,267	134,118,267	134,118,267	134,118,267		
3	Less: Accumulated Depreciation	(5,820,352)	(6,062,900)	(6,305,407)	(6,547,914)	(6,790,421)	(7,032,347)	(7,275,123)	(7,517,899)	(7,760,675)	(8,003,451)	(8,246,227)	(8,489,003)	(8,731,779)		
4	CWIP - AFUDC Bearing	(0)	(0)	(0)	(0)	(0)	(0)	(0)	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3)	\$128,171,750	\$127,929,202	\$127,664,158	\$127,421,651	\$127,179,144	\$126,616,121	\$126,843,144	\$126,600,368	\$126,357,592	\$126,114,816	\$125,872,040	\$125,629,264	\$125,386,488		
6	Average Net Investment		\$128,050,476	\$127,796,680	\$127,542,904	\$127,300,397	\$126,897,633	\$126,729,633	\$126,721,756	\$126,478,980	\$126,236,204	\$125,993,428	\$125,750,652	\$125,507,876		
7	Return on Average Net Investment (B)															
	a. Debt Component	Jan-Jun	Jul-Dec													
		2.03%	1.87%	216,208	215,781	215,352	214,942	214,263	213,978	197,665	197,286	196,907	196,529	196,150	195,771	2,470,832
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	889,400	887,637	885,874	884,190	881,392	880,224	836,766	835,163	833,560	831,957	830,354	828,750	10,305,267
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses															
	a. Depreciation (C) 2.1722%		242,548	242,507	242,507	242,507	241,926	242,776	242,776	242,776	242,776	242,776	242,776	242,776	2,911,427	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D) 0.008490		94,799	94,783	94,783	94,783	94,556	94,889	94,889	94,889	94,889	94,889	94,889	94,889	1,137,927	
	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)		\$1,428,161	\$1,425,914	\$1,423,722	\$1,421,628	\$1,417,343	\$1,417,073	\$1,357,302	\$1,355,320	\$1,353,338	\$1,351,357	\$1,349,375	\$1,347,392	16,647,919	
	a. Recoverable Costs Allocated to Energy		1,428,161	1,425,914	1,423,722	1,421,628	1,417,343	1,417,073	1,357,302	1,355,320	1,353,338	1,351,357	1,349,375	1,347,392	16,647,919	
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0	
10	Energy Jurisdictional Factor		0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344		
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
12	Retail Energy-Related Recoverable Costs (F)		\$1,371,177	\$1,388,127	\$1,380,440	\$1,349,125	\$1,371,988	\$1,343,952	\$1,302,191	\$1,300,372	\$1,304,615	\$1,289,353	\$1,311,576	\$1,311,599	\$16,024,515	
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)		\$1,371,177	\$1,388,127	\$1,380,440	\$1,349,125	\$1,371,988	\$1,343,952	\$1,302,191	\$1,300,372	\$1,304,615	\$1,289,353	\$1,311,576	\$1,311,599	\$16,024,515	

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total	
1	Investments															
	a. Expenditures/Additions		(\$36,469)	\$93,049	(\$12,689)	\$24,826	\$54,402	\$8,662	\$0	\$0	\$0	\$0	\$0	\$0	\$131,781	
	b. Clearings to Plant		1,476,797	93,049	(12,689)	24,826	54,402	8,662	992,331	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	\$20,235,099	21,711,896	21,804,945	21,792,257	21,817,082	21,871,484	21,880,146	22,872,477	22,872,477	22,872,477	22,872,477	22,872,477	22,872,477		
3	Less: Accumulated Depreciation	(505,446)	(567,703)	(634,937)	(702,132)	(769,403)	(836,841)	(904,308)	(971,775)	(1,039,242)	(1,106,709)	(1,174,176)	(1,241,643)	(1,309,225)		
4	CWIP - Non-Interest Bearing	2,505,597	992,331	992,331	992,331	992,331	992,331	992,331	0	0	0	0	0	0		
5	Net Investment (Lines 2 + 3)	\$22,235,250	\$22,136,524	\$22,162,339	\$22,082,455	\$22,040,010	\$22,026,974	\$21,968,169	\$21,900,702	\$21,833,235	\$21,765,768	\$21,698,301	\$21,630,834	\$21,563,252		
6	Average Net Investment		\$22,185,887	\$22,149,432	\$22,122,397	\$22,061,233	\$22,033,492	\$21,997,572	\$21,934,436	\$21,866,969	\$21,799,502	\$21,732,035	\$21,664,568	\$21,597,043		
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec													
	a. Debt Component	2.03%	1.87%	37,459	37,400	37,352	37,249	37,204	37,143	34,214	34,109	34,004	33,898	33,793	33,688	427,513
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	154,095	153,842	153,653	153,228	153,036	152,787	144,837	144,391	143,946	143,500	143,055	142,609	1,782,979
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses															
	a. Depreciation (C) 3.7000%		62,257	67,234	67,195	67,271	67,438	67,467	67,467	67,467	67,467	67,467	67,467	67,582	803,779	
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0	
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes (D) 0.001703		2,864	3,094	3,093	3,096	3,104	3,105	3,246	3,246	3,246	3,246	3,246	3,246	37,832	
	e. Other (E)		(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(126,475)	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$246,135	\$251,030	\$250,753	\$250,304	\$250,242	\$249,962	\$239,224	\$238,673	\$238,123	\$237,571	\$237,021	\$236,585	2,925,628	
	a. Recoverable Costs Allocated to Energy		246,135	251,030	250,753	250,304	250,242	249,962	239,224	238,673	238,123	237,571	237,021	236,585	2,925,628	
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0	
10	Energy Jurisdictional Factor		0.96010	0.97350	0.96960	0.94900	0.96800	0.94840	0.95940	0.95946	0.96400	0.95412	0.97199	0.97344		
11	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
12	Retail Energy-Related Recoverable Costs (F)		\$236,315	\$244,378	\$243,130	\$237,539	\$242,235	\$237,064	\$229,511	\$228,997	\$229,550	\$226,671	\$230,382	\$230,301	\$2,816,073	
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)		\$236,315	\$244,378	\$243,130	\$237,539	\$242,235	\$237,064	\$229,511	\$228,997	\$229,550	\$226,671	\$230,382	\$230,301	\$2,816,073	

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total			
1	Investments																	
	a. Expenditures/Additions		\$2,605	\$85,704	(\$31,691)	\$40,959	\$25,063	\$15,055	\$48,059	\$31,557	\$31,557	\$31,557	\$31,557	\$31,557	\$343,539			
	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	64,430	67,035	152,739	121,048	162,007	187,070	202,125	250,184	281,741	313,298	344,855	376,412	407,969				
5	Net Investment (Lines 2 + 3)	\$64,430	\$67,035	\$152,739	\$121,048	\$162,007	\$187,070	\$202,125	\$250,184	\$281,741	\$313,298	\$344,855	\$376,412	\$407,969				
6	Average Net Investment		\$65,733	\$109,887	\$136,894	\$141,528	\$174,539	\$194,598	\$226,155	\$265,963	\$297,520	\$329,077	\$360,634	\$392,191				
7	Return on Average Net Investment (B)																	
	a. Debt Component	Jan-Jun	2.03%	Jul-Dec	1.87%	111	186	231	239	295	329	353	415	464	513	563	612	4,311
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	457	763	951	983	1,212	1,352	1,493	1,756	1,965	2,173	2,381	2,590	2,590	18,076	
	c. Other			0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Investment Expenses																	
	a. Depreciation (C)	2.1695%	0	0	0	0	0	0	0	0	0	0	0	0	0			
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0			
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
	d. Property Taxes (D)	0.001703	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)		\$568	\$949	\$1,182	\$1,222	\$1,507	\$1,681	\$1,846	\$2,171	\$2,429	\$2,686	\$2,944	\$3,202	22,387			
	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		568	949	1,182	1,222	1,507	1,681	1,846	2,171	2,429	2,686	2,944	3,202	22,387			
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A				
11	Demand Jurisdictional Factor		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 (F)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
13	Retail Demand-Related Recoverable Costs (G)		528	881	1,098	1,135	1,400	1,561	1,715	2,017	2,256	2,495	2,735	2,974	20,795			
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$528	\$881	\$1,098	\$1,135	\$1,400	\$1,561	\$1,715	\$2,017	\$2,256	\$2,495	\$2,735	\$2,974	\$20,795			

Notes:

- (A) N/A
- (B) Jan - Jun 2016 Line 6 x 10.36% x 1/12. Jul - Dec 2016 Line 6 x 9.80% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.12% (Jan-Jun) and 4.87% (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 2015 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 2016 - December 2016

Form 42 9E

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-3)
Page 27 of 27

Capital Structure and Cost Rates

Class of Capital	Retail Amount	Ratio	Cost Rate	PreTax	
				Weighted Cost Rate	Weighted Cost Rate
CE	\$4,681,853	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.

Class of Capital	Retail Amount	Ratio	Cost Rate	PreTax	
				Weighted Cost Rate	Weighted Cost Rate
CE	\$4,664,905	46.35%	0.10500	4.867%	7.924%
PS	-	0.00%	0.00000	0.000%	0.000%
LTD	3,327,189	33.06%	0.05470	1.809%	1.809%
STD	373,704	3.71%	0.00580	0.022%	0.022%
CD-Active	182,948	1.82%	0.02300	0.042%	0.042%
CD-Inactive	1,367	0.01%	0.00000	0.000%	0.000%
ADIT	1,674,675	16.64%	0.00000	0.000%	0.000%
FAS 109	(161,369)	-1.60%	0.00000	0.000%	0.000%
ITC	223	0.00%	0.00000	0.000%	0.000%
Total	\$ 10,063,642	100.00%		6.739%	9.796%
			Total Debt	1.872%	1.872%
			Total Equity	4.867%	7.924%

May 2016 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. 160007-EI

Duke Energy Florida

Christopher A. Menendez

Exh. No. __ (CAM-4)

Page 1 of 15

DUKE ENERGY FLORIDA
Environmental Cost Recovery Clause
Capital Program Detail

January 2016 - December 2016
Actuals for the Period January 2016 - June 2016
Estimates for the Period July 2016 - December 2016
Docket No. 160007-EI

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

Line	Description	Beginning of Period	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(9,337)	(9,390)	(9,443)	(9,496)	(9,549)	(9,602)	(9,655)	(9,708)	(9,761)	(9,814)	(9,867)	(9,920)	(9,973)	
3a	Regulatory Asset Balance	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)	\$24,616	\$24,563	\$24,510	\$24,457	\$24,404	\$24,351	\$24,298	\$24,245	\$24,192	\$24,139	\$24,086	\$24,033	\$23,980	
6	Average Net Investment		24,589	24,536	24,483	24,430	24,377	24,324	24,271	24,218	24,165	24,112	24,059	24,006	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%	42	41	41	41	41	41	38	38	38	38	38	37	474
	b. Equity Component Grossed Up For Taxes	Jul-Dec 1.87%	171	170	170	170	169	169	160	160	160	159	159	159	1,976
	c. Other	8.33%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	1.8857%	53	53	53	53	53	53	53	53	53	53	53	53	636
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%	28	28	28	28	28	28	28	28	28	28	28	28	336
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$294	\$292	\$292	\$292	\$291	\$291	\$279	\$279	\$279	\$278	\$278	\$277	\$3,422
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$294	\$292	\$292	\$292	\$291	\$291	\$279	\$279	\$279	\$278	\$278	\$277	\$3,422

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

Line	Description	Beginning of Period	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	1,536,272	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	0	0	0	0	0	0
3	Less: Accumulated Depreciation	(571,437)	(574,712)	(577,987)	(581,262)	(584,537)	(587,812)	(591,087)	(594,362)	938,635	0	0	0	0	0
3a	Regulatory Asset Balance (B)	0	0	0	0	0	0	0	0	0	912,562	886,489	860,416	834,343	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)	\$964,835	\$961,560	\$958,285	\$955,010	\$951,735	\$948,460	\$945,185	\$941,910	\$938,635	\$912,562	\$886,489	\$860,416	\$834,343	
6	Average Net Investment		963,198	959,923	956,648	953,373	950,098	946,823	943,548	940,273	925,599	899,526	873,453	847,380	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%	1,626	1,621	1,615	1,610	1,604	1,599	1,472	1,467	1,444	1,403	1,362	1,322	18,145
	b. Equity Component Grossed Up For Taxes	Jul-Dec 1.87%	6,690	6,667	6,645	6,622	6,599	6,576	6,230	6,209	6,112	5,940	5,768	5,595	75,653
	c. Other	8.33%	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.5579%	3,275	3,275	3,275	3,275	3,275	3,275	3,275	3,275	0	0	0	0	26,200
	b. Amortization (B)		0	0	0	0	0	0	0	0	26,073	26,073	26,073	26,073	104,292
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%	1,251	1,251	1,251	1,251	1,251	1,251	1,251	1,251	0	0	0	0	10,008
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$12,842	\$12,814	\$12,786	\$12,758	\$12,729	\$12,701	\$12,228	\$12,202	\$33,629	\$33,416	\$33,203	\$32,990	\$234,298
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$12,842	\$12,814	\$12,786	\$12,758	\$12,729	\$12,701	\$12,228	\$12,202	\$33,629	\$33,416	\$33,203	\$32,990	\$234,298

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.
(B) Investment amortized over three years in accordance with the petition filed 8/4/2016 in Docket 160007.

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

Line	Description	Beginning of Period	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	909,407	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	(0)	(0)	(0)	(0)	(0)	
3	Less: Accumulated Depreciation	(178,396)	(180,334)	(182,272)	(184,210)	(186,148)	(188,086)	(190,024)	(191,962)	715,507	0	0	0	0	
3a	Regulatory Asset Balance (B)	0	0	0	0	0	0	0	0	0	695,632	675,757	655,882	636,007	
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)	\$731,010	\$729,072	\$727,134	\$725,196	\$723,258	\$721,320	\$719,382	\$717,444	\$715,506	\$695,631	\$675,756	\$655,881	\$636,006	
6	Average Net Investment		730,041	728,103	726,165	724,227	722,289	720,351	718,413	716,475	705,569	685,694	665,819	645,944	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun	2.03%	Jul-Dec	1.87%										
	b. Equity Component Grossed Up For Taxes		8.33%		7.92%										
	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	0	0	0	0	15,504
	b. Amortization (B)		0	0	0	0	0	0	0	0	19,875	19,875	19,875	19,875	79,500
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%	741	741	741	741	741	741	741	741	0	0	0	0	5,928
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$8,983	\$8,965	\$8,949	\$8,932	\$8,916	\$8,898	\$8,544	\$8,528	\$25,635	\$25,473	\$25,311	\$25,148	\$172,282
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$8,983	\$8,965	\$8,949	\$8,932	\$8,916	\$8,898	\$8,544	\$8,528	\$25,635	\$25,473	\$25,311	\$25,148	\$172,282

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

Line	Description	Beginning of Period	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	135,074	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	(0)	(0)	(0)	(0)	(0)	
3	Less: Accumulated Depreciation	(18,336)	(18,714)	(19,092)	(19,470)	(19,848)	(20,226)	(20,604)	(20,982)	113,715	0	0	0	0	
3a	Regulatory Asset Balance (B)	0	0	0	0	0	0	0	0	0	110,556	107,397	104,238	101,079	
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)	\$116,738	\$116,360	\$115,982	\$115,604	\$115,226	\$114,848	\$114,470	\$114,092	\$113,714	\$110,555	\$107,396	\$104,237	\$101,078	
6	Average Net Investment		116,549	116,171	115,793	115,415	115,037	114,659	114,281	113,903	112,135	108,976	105,817	102,658	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun	2.03%	Jul-Dec	1.87%										
	b. Equity Component Grossed Up For Taxes		8.33%		7.92%										
	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	0	0	0	0	3,024
	b. Amortization (B)		0	0	0	0	0	0	0	0	3,159	3,159	3,159	3,159	12,636
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9772%	110	110	110	110	110	110	110	110	0	0	0	0	880
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,495	\$1,491	\$1,488	\$1,485	\$1,481	\$1,478	\$1,421	\$1,418	\$4,074	\$4,049	\$4,023	\$3,997	\$27,900
	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		\$1,495	\$1,491	\$1,488	\$1,485	\$1,481	\$1,478	\$1,421	\$1,418	\$4,074	\$4,049	\$4,023	\$3,997	\$27,900

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.
 (B) Investment amortized over three years in accordance with the petition filed 8/4/2016 in Docket 160007.

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	2,066,600	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	(0)	0	0	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
3	Less: Accumulated Depreciation	(405,663)	(410,821)	(415,979)	1,645,464	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	\$0	0	0	0	1,599,756	1,554,049	1,508,342	1,462,635	1,416,928	1,371,221	1,325,514	1,279,807	1,234,100	
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)	\$1,660,937	\$1,655,779	\$1,650,621	\$1,645,463	\$1,599,756	\$1,554,049	\$1,508,342	\$1,462,635	\$1,416,928	\$1,371,221	\$1,325,514	\$1,279,807	\$1,234,100	
6	Average Net Investment		1,658,358	1,653,200	1,648,042	1,622,610	1,576,903	1,531,196	1,485,489	1,439,782	1,394,075	1,348,368	1,302,661	1,256,954	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		5,158	5,158	5,158	0	0	0	0	0	0	0	0	0	15,474
	b. Amortization (B)		0	0	0	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	45,707	411,363
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		2,003	2,003	2,003	0	0	0	0	0	0	0	0	0	6,009
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$21,480	\$21,435	\$21,391	\$59,717	\$59,323	\$58,927	\$57,833	\$57,460	\$57,087	\$56,714	\$56,341	\$55,968	\$583,676
	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		\$21,480	\$21,435	\$21,391	\$59,717	\$59,323	\$58,927	\$57,833	\$57,460	\$57,087	\$56,714	\$56,341	\$55,968	\$583,676

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	
3	Less: Accumulated Depreciation	(292,527)	(296,212)	(299,897)	(303,582)	(307,267)	(310,952)	(314,637)	(318,322)	(322,007)	(325,692)	(329,377)	(333,062)	(336,747)	
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)	\$1,181,274	\$1,177,589	\$1,173,904	\$1,170,219	\$1,166,534	\$1,162,849	\$1,159,164	\$1,155,479	\$1,151,794	\$1,148,109	\$1,144,424	\$1,140,739	\$1,137,054	
6	Average Net Investment		1,179,431	1,175,746	1,172,061	1,168,376	1,164,691	1,161,006	1,157,321	1,153,636	1,149,951	1,146,266	1,142,581	1,138,896	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	1,220	14,640
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$15,088	\$15,056	\$15,025	\$14,993	\$14,962	\$14,929	\$14,352	\$14,322	\$14,292	\$14,262	\$14,232	\$14,201	\$175,714
	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		\$15,088	\$15,056	\$15,025	\$14,993	\$14,962	\$14,929	\$14,352	\$14,322	\$14,292	\$14,262	\$14,232	\$14,201	\$175,714

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.
 (B) Investment amortized over three years in accordance with the petition filed 8/4/2016 in Docket 160007.

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(834,131)	(843,270)	(852,409)	(861,548)	(870,687)	(879,826)	(888,965)	(898,104)	(907,243)	(916,382)	(925,521)	(934,660)	(943,799)	(943,799)
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)	\$827,533	\$818,394	\$809,255	\$800,116	\$790,977	\$781,838	\$772,699	\$763,560	\$754,421	\$745,282	\$736,143	\$727,004	\$717,865	
6	Average Net Investment		822,964	813,825	804,686	795,547	786,408	777,269	768,130	758,991	749,852	740,713	731,574	722,435	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%	Jul-Dec 1.87%												
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%												
	c. Other														
			1,390	1,374	1,359	1,343	1,328	1,312	1,198	1,184	1,170	1,155	1,141	1,127	15,081
			5,716	5,653	5,589	5,526	5,462	5,399	5,072	5,012	4,951	4,891	4,831	4,770	62,872
			0	0	0	0	0	0	0	0	0	0	0	0	0
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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.8500%	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	1,177	14,124
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$17,422	\$17,343	\$17,264	\$17,185	\$17,106	\$17,027	\$16,586	\$16,512	\$16,437	\$16,362	\$16,288	\$16,213	\$201,745
	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		\$17,422	\$17,343	\$17,264	\$17,185	\$17,106	\$17,027	\$16,586	\$16,512	\$16,437	\$16,362	\$16,288	\$16,213	\$201,745

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(72,713)	(73,429)	(74,145)	(74,861)	(75,577)	(76,293)	(77,009)	(77,725)	(78,441)	(79,157)	(79,873)	(80,589)	(81,305)	(81,305)
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)	\$106,225	\$105,509	\$104,793	\$104,077	\$103,361	\$102,645	\$101,929	\$101,213	\$100,497	\$99,781	\$99,065	\$98,349	\$97,633	
6	Average Net Investment		105,867	105,151	104,435	103,719	103,003	102,287	101,571	100,855	100,139	99,423	98,707	97,991	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%	Jul-Dec 1.87%												
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%												
	c. Other														
			179	178	176	175	174	173	158	157	156	155	154	153	1,988
			735	730	725	720	715	710	671	666	661	657	652	647	8,289
			0	0	0	0	0	0	0	0	0	0	0	0	0
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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9420%	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)		\$1,770	\$1,764	\$1,757	\$1,751	\$1,745	\$1,739	\$1,685	\$1,679	\$1,673	\$1,668	\$1,662	\$1,656	\$20,549
	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		\$1,770	\$1,764	\$1,757	\$1,751	\$1,745	\$1,739	\$1,685	\$1,679	\$1,673	\$1,668	\$1,662	\$1,656	\$20,549

(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 Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	
3	Less: Accumulated Depreciation	(176,883)	(178,705)	(180,527)	(182,349)	(184,171)	(185,993)	(187,815)	(189,637)	(191,459)	(193,281)	(195,103)	(196,925)	(198,747)	
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)	\$553,412	\$551,590	\$549,768	\$547,946	\$546,124	\$544,302	\$542,480	\$540,658	\$538,836	\$537,014	\$535,192	\$533,370	\$531,548	
6	Average Net Investment		552,501	550,679	548,857	547,035	545,213	543,391	541,569	539,747	537,925	536,103	534,281	532,459	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%													
	b. Equity Component Grossed Up For Taxes	Jul-Dec 1.87%	933	930	927	924	921	918	845	842	839	836	833	831	10,579
	c. Other	8.33%	3,838	3,825	3,812	3,800	3,787	3,774	3,576	3,564	3,552	3,540	3,528	3,516	44,112
		7.92%	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9930%	604	604	604	604	604	604	604	604	604	604	604	604	7,248
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,197	\$7,181	\$7,165	\$7,150	\$7,134	\$7,118	\$6,847	\$6,832	\$6,817	\$6,802	\$6,787	\$6,773	\$83,803
	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		\$7,197	\$7,181	\$7,165	\$7,150	\$7,134	\$7,118	\$6,847	\$6,832	\$6,817	\$6,802	\$6,787	\$6,773	\$83,803

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	
3	Less: Accumulated Depreciation	(289,704)	(292,556)	(295,408)	(298,260)	(301,112)	(303,964)	(306,816)	(309,668)	(312,520)	(315,372)	(318,224)	(321,076)	(323,928)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$747,495	\$744,643	\$741,791	\$738,939	\$736,087	\$733,235	\$730,383	\$727,531	\$724,679	\$721,827	\$718,975	\$716,123	\$713,271	
6	Average Net Investment		746,069	743,217	740,365	737,513	734,661	731,809	728,957	726,105	723,253	720,401	717,549	714,697	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%													
	b. Equity Component Grossed Up For Taxes	Jul-Dec 1.87%	1,260	1,255	1,250	1,245	1,240	1,236	1,137	1,133	1,128	1,124	1,119	1,115	14,242
	c. Other	8.33%	5,182	5,162	5,142	5,123	5,103	5,083	4,813	4,795	4,776	4,757	4,738	4,719	59,393
		7.92%	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.8670%	749	749	749	749	749	749	749	749	749	749	749	749	8,988
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$10,043	\$10,018	\$9,993	\$9,969	\$9,944	\$9,920	\$9,551	\$9,529	\$9,505	\$9,482	\$9,458	\$9,435	\$116,847
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$10,043	\$10,018	\$9,993	\$9,969	\$9,944	\$9,920	\$9,551	\$9,529	\$9,505	\$9,482	\$9,458	\$9,435	\$116,847

(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	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(539,966)	(547,803)	(555,640)	(563,477)	(571,314)	(579,151)	(586,988)	(594,825)	(602,662)	(610,499)	(618,336)	(626,173)	(634,010)	(634,010)	
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)	\$3,076,938	\$3,069,101	\$3,061,264	\$3,053,427	\$3,045,590	\$3,037,753	\$3,029,916	\$3,022,079	\$3,014,242	\$3,006,405	\$2,998,568	\$2,990,731	\$2,982,894		
6	Average Net Investment		3,073,019	3,065,182	3,057,345	3,049,508	3,041,671	3,033,834	3,025,997	3,018,160	3,010,323	3,002,486	2,994,649	2,986,812		
7	Return on Average Net Investment (A)															
	a. Debt Component	Jan-Jun 2.03%	Jul-Dec 1.87%	5,189	5,176	5,162	5,149	5,136	5,123	4,720	4,708	4,696	4,683	4,671	4,659	59,072
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	21,344	21,290	21,236	21,181	21,127	21,072	19,981	19,929	19,878	19,826	19,774	19,722	246,360
	c. Other			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	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes	1.1630%	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	3,505	42,060	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$37,875	\$37,808	\$37,740	\$37,672	\$37,605	\$37,537	\$36,043	\$35,979	\$35,916	\$35,851	\$35,787	\$35,723	\$441,536	
	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		\$37,875	\$37,808	\$37,740	\$37,672	\$37,605	\$37,537	\$36,043	\$35,979	\$35,916	\$35,851	\$35,787	\$35,723	\$441,536	

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

Line	Description	Beginning of Period	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(54,558)	(54,799)	(55,040)	(55,281)	(55,522)	(55,763)	(56,004)	(56,245)	(56,486)	(56,727)	(56,968)	(57,209)	(57,450)	(57,450)	
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)	\$86,876	\$86,635	\$86,394	\$86,153	\$85,912	\$85,671	\$85,430	\$85,189	\$84,948	\$84,707	\$84,466	\$84,225	\$83,984		
6	Average Net Investment		86,756	86,515	86,274	86,033	85,792	85,551	85,310	85,069	84,828	84,587	84,346	84,105		
7	Return on Average Net Investment (A)															
	a. Debt Component	Jan-Jun 2.03%	Jul-Dec 1.87%	146	146	146	145	145	144	133	133	132	132	132	131	1,665
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	603	601	599	598	596	594	563	562	560	559	557	555	6,947
	c. Other			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	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes	1.3030%	154	154	154	154	154	154	154	154	154	154	154	154	1,848	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,144	\$1,142	\$1,140	\$1,138	\$1,136	\$1,133	\$1,091	\$1,090	\$1,087	\$1,086	\$1,084	\$1,081	\$13,352	
	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		\$1,144	\$1,142	\$1,140	\$1,138	\$1,136	\$1,133	\$1,091	\$1,090	\$1,087	\$1,086	\$1,084	\$1,081	\$13,352	

(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	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(139,740)	(141,517)	(143,294)	(145,071)	(146,848)	(148,625)	(150,402)	(152,179)	(153,956)	(155,733)	(157,510)	(159,287)	(161,064)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$255,228	\$253,451	\$251,674	\$249,897	\$248,120	\$246,343	\$244,566	\$242,789	\$241,012	\$239,235	\$237,458	\$235,681	\$233,904	
6	Average Net Investment		254,339	252,562	250,785	249,008	247,231	245,454	243,677	241,900	240,123	238,346	236,569	234,792	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%	429	426	423	420	417	414	380	377	375	372	369	366	4,768
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.33%	1,767	1,754	1,742	1,730	1,717	1,705	1,609	1,597	1,586	1,574	1,562	1,550	19,893
	c. Other		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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.9930%	327	327	327	327	327	327	327	327	327	327	327	327	3,924
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$4,300	\$4,284	\$4,269	\$4,254	\$4,238	\$4,223	\$4,093	\$4,078	\$4,065	\$4,050	\$4,035	\$4,020	\$49,909
	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		\$4,300	\$4,284	\$4,269	\$4,254	\$4,238	\$4,223	\$4,093	\$4,078	\$4,065	\$4,050	\$4,035	\$4,020	\$49,909

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

Line	Description	Beginning of Period	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(15,891)	(15,993)	(16,095)	(16,197)	(16,299)	(16,401)	(16,503)	(16,605)	(16,707)	(16,809)	(16,911)	(17,013)	(17,115)	
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)	\$17,201	\$17,099	\$16,997	\$16,895	\$16,793	\$16,691	\$16,589	\$16,487	\$16,385	\$16,283	\$16,181	\$16,079	\$15,977	
6	Average Net Investment		17,150	17,048	16,946	16,844	16,742	16,640	16,538	16,436	16,334	16,232	16,130	16,028	
7	Return on Average Net Investment (A)														
	a. Debt Component	Jan-Jun 2.03%	29	29	29	28	28	28	26	26	25	25	25	25	323
	b. Equity Component Grossed Up For Taxes	Jul-Dec 8.33%	119	118	118	117	116	116	109	109	108	107	107	106	1,350
	c. Other		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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1645%	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)		\$255	\$254	\$254	\$252	\$251	\$251	\$242	\$242	\$240	\$239	\$239	\$238	\$2,957
	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		\$255	\$254	\$254	\$252	\$251	\$251	\$242	\$242	\$240	\$239	\$239	\$238	\$2,957

(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	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	\$115,892	112,962	110,032	107,102	104,172	101,242	98,312	95,382	92,452	89,522	86,592	83,662	80,732	80,732	
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)	\$2,481,839	\$2,478,909	\$2,475,979	\$2,473,049	\$2,470,119	\$2,467,189	\$2,464,259	\$2,461,329	\$2,458,399	\$2,455,469	\$2,452,539	\$2,449,609	\$2,446,679		
6	Average Net Investment		2,480,374	2,477,444	2,474,514	2,471,584	2,468,654	2,465,724	2,462,794	2,459,864	2,456,934	2,454,004	2,451,074	2,448,144		
7	Return on Average Net Investment (A)															
	a. Debt Component	Jan-Jun 2.03%	Jul-Dec 1.87%	4,188	4,183	4,178	4,173	4,168	4,163	3,842	3,837	3,832	3,828	3,823	3,819	48,034
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	17,228	17,208	17,187	17,167	17,147	17,126	16,262	16,243	16,224	16,204	16,185	16,166	200,347
	c. Other			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	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes	0.1645%	324	324	324	324	324	324	324	324	324	324	324	324	3,888	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$24,670	\$24,645	\$24,619	\$24,594	\$24,569	\$24,543	\$23,358	\$23,334	\$23,310	\$23,286	\$23,262	\$23,239	\$287,429	
	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		\$24,670	\$24,645	\$24,619	\$24,594	\$24,569	\$24,543	\$23,358	\$23,334	\$23,310	\$23,286	\$23,262	\$23,239	\$287,429	

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

Line	Description	Beginning of Period	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(60,186)	(60,711)	(61,236)	(61,761)	(62,286)	(62,811)	(63,336)	(63,861)	(64,386)	(64,911)	(65,436)	(65,961)	(66,486)		
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)	\$230,112	\$229,587	\$229,062	\$228,537	\$228,012	\$227,487	\$226,962	\$226,437	\$225,912	\$225,387	\$224,862	\$224,337	\$223,812		
6	Average Net Investment		229,849	229,324	228,799	228,274	227,749	227,224	226,699	226,174	225,649	225,124	224,599	224,074		
7	Return on Average Net Investment (A)															
	a. Debt Component	Jan-Jun 2.03%	Jul-Dec 1.87%	388	387	386	385	385	384	354	353	352	351	350	350	4,425
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	1,596	1,593	1,589	1,586	1,582	1,578	1,497	1,493	1,490	1,487	1,483	1,480	18,454
	c. Other			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	N/A	N/A	N/A	N/A	N/A	N/A	
	d. Property Taxes	0.8490%	205	205	205	205	205	205	205	205	205	205	205	205	2,460	
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,714	\$2,710	\$2,705	\$2,701	\$2,697	\$2,692	\$2,581	\$2,576	\$2,572	\$2,568	\$2,563	\$2,560	\$31,639	
	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		\$2,714	\$2,710	\$2,705	\$2,701	\$2,697	\$2,692	\$2,581	\$2,576	\$2,572	\$2,568	\$2,563	\$2,560	\$31,639	

(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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	
3	Less: Accumulated Depreciation	(33,641)	(34,045)	(34,449)	(34,853)	(35,257)	(35,661)	(36,065)	(36,469)	(36,873)	(37,277)	(37,681)	(38,085)	(38,489)	
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)	\$128,113	\$127,709	\$127,305	\$126,901	\$126,497	\$126,093	\$125,689	\$125,285	\$124,881	\$124,477	\$124,073	\$123,669	\$123,265	
6	Average Net Investment		127,911	127,507	127,103	126,699	126,295	125,891	125,487	125,083	124,679	124,275	123,871	123,467	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		3.0000%												
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		0.9420%												
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,635	\$1,632	\$1,629	\$1,625	\$1,621	\$1,618	\$1,556	\$1,552	\$1,548	\$1,546	\$1,542	\$1,539	\$19,043
	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		\$1,635	\$1,632	\$1,629	\$1,625	\$1,621	\$1,618	\$1,556	\$1,552	\$1,548	\$1,546	\$1,542	\$1,539	\$19,043

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	
3	Less: Accumulated Depreciation	(45,265)	(45,623)	(45,981)	(46,339)	(46,697)	(47,055)	(47,413)	(47,771)	(48,129)	(48,487)	(48,845)	(49,203)	(49,561)	
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)	\$230,082	\$229,724	\$229,366	\$229,008	\$228,650	\$228,292	\$227,934	\$227,576	\$227,218	\$226,860	\$226,502	\$226,144	\$225,786	
6	Average Net Investment		229,903	229,545	229,187	228,829	228,471	228,113	227,755	227,397	227,039	226,681	226,323	225,965	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		1.5610%												
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		0.9930%												
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,571	\$2,568	\$2,565	\$2,561	\$2,559	\$2,555	\$2,445	\$2,443	\$2,439	\$2,437	\$2,433	\$2,430	\$30,006
	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		\$2,571	\$2,568	\$2,565	\$2,561	\$2,559	\$2,555	\$2,445	\$2,443	\$2,439	\$2,437	\$2,433	\$2,430	\$30,006

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

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(38,655)	(39,039)	(39,423)	(39,807)	(40,191)	(40,575)	(40,959)	(41,343)	(41,727)	(42,111)	(42,495)	(42,879)	(43,263)	
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)	\$160,333	\$159,949	\$159,565	\$159,181	\$158,797	\$158,413	\$158,029	\$157,645	\$157,261	\$156,877	\$156,493	\$156,109	\$155,725	
6	Average Net Investment		160,141	159,757	159,373	158,989	158,605	158,221	157,837	157,453	157,069	156,685	156,301	155,917	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											3,080
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											12,850
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		2.3149%												4,608
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		0.9930%												1,980
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,931	\$1,929	\$1,925	\$1,921	\$1,919	\$1,915	\$1,837	\$1,835	\$1,831	\$1,828	\$1,825	\$1,822	\$22,518
	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		\$1,931	\$1,929	\$1,925	\$1,921	\$1,919	\$1,915	\$1,837	\$1,835	\$1,831	\$1,828	\$1,825	\$1,822	\$22,518

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(22,143)	(22,362)	(22,581)	(22,800)	(23,019)	(23,238)	(23,457)	(23,676)	(23,895)	(24,114)	(24,333)	(24,552)	(24,771)	
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)	\$65,524	\$65,305	\$65,086	\$64,867	\$64,648	\$64,429	\$64,210	\$63,991	\$63,772	\$63,553	\$63,334	\$63,115	\$62,896	
6	Average Net Investment		65,415	65,196	64,977	64,758	64,539	64,320	64,101	63,882	63,663	63,444	63,225	63,006	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											1,252
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											5,220
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		3.0000%												2,628
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		1.1630%												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)		\$868	\$867	\$865	\$863	\$861	\$860	\$827	\$826	\$823	\$822	\$820	\$818	\$10,120
	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		\$868	\$867	\$865	\$863	\$861	\$860	\$827	\$826	\$823	\$822	\$820	\$818	\$10,120

(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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(67,041)	(67,880)	(68,719)	(69,558)	(70,397)	(71,236)	(72,075)	(72,914)	(73,753)	(74,592)	(75,431)	(76,270)	(77,109)	(77,109)
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)	\$280,157	\$279,318	\$278,479	\$277,640	\$276,801	\$275,962	\$275,123	\$274,284	\$273,445	\$272,606	\$271,767	\$270,928	\$270,089	
6	Average Net Investment		279,737	278,898	278,059	277,220	276,381	275,542	274,703	273,864	273,025	272,186	271,347	270,508	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other														
8	Investment Expenses														
	a. Depreciation		2.9000%												
	b. Amortization														
	c. Dismantlement														
	d. Property Taxes		0.9930%												
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,541	\$3,534	\$3,527	\$3,519	\$3,513	\$3,505	\$3,368	\$3,361	\$3,355	\$3,348	\$3,341	\$3,334	\$41,246
	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		\$3,541	\$3,534	\$3,527	\$3,519	\$3,513	\$3,505	\$3,368	\$3,361	\$3,355	\$3,348	\$3,341	\$3,334	\$41,246

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(76,123)	(76,910)	(77,697)	(78,484)	(79,271)	(80,058)	(80,845)	(81,632)	(82,419)	(83,206)	(83,993)	(84,780)	(85,567)	(85,567)
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)	\$273,461	\$272,674	\$271,887	\$271,100	\$270,313	\$269,526	\$268,739	\$267,952	\$267,165	\$266,378	\$265,591	\$264,804	\$264,017	
6	Average Net Investment		273,067	272,280	271,493	270,706	269,919	269,132	268,345	267,558	266,771	265,984	265,197	264,410	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other														
8	Investment Expenses														
	a. Depreciation		2.7000%												
	b. Amortization														
	c. Dismantlement														
	d. Property Taxes		0.8500%												
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,393	\$3,386	\$3,379	\$3,372	\$3,366	\$3,358	\$3,226	\$3,219	\$3,213	\$3,206	\$3,200	\$3,193	\$39,511
	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		\$3,393	\$3,386	\$3,379	\$3,372	\$3,366	\$3,358	\$3,226	\$3,219	\$3,213	\$3,206	\$3,200	\$3,193	\$39,511

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

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	134,012	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	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	(17,511)	(17,647)	(17,783)	116,093	0	0	0	0	0	0	0	0	0	0
3a	Regulatory Asset Balance (B)	0	0	0	0	112,868	109,643	106,418	103,193	99,969	96,744	93,519	90,294	87,069	
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)	\$116,501	\$116,365	\$116,229	\$116,093	\$112,868	\$109,643	\$106,418	\$103,193	\$99,969	\$96,744	\$93,519	\$90,294	\$87,069	
6	Average Net Investment		116,433	116,297	116,161	114,480	111,255	108,031	104,806	101,581	98,356	95,131	91,907	88,682	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		1.2187%												
	b. Amortization (B)														
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		1.1630%												
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,272	\$1,270	\$1,269	\$4,213	\$4,186	\$4,157	\$4,080	\$4,054	\$4,027	\$4,001	\$3,975	\$3,949	\$40,451
	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		\$1,272	\$1,270	\$1,269	\$4,213	\$4,186	\$4,157	\$4,080	\$4,054	\$4,027	\$4,001	\$3,975	\$3,949	\$40,451

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	
3	Less: Accumulated Depreciation	(\$46,038)	(46,461)	(46,884)	(47,307)	(47,730)	(48,153)	(48,576)	(48,999)	(49,422)	(49,845)	(50,268)	(50,691)	(51,114)	
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)	\$335,522	\$335,099	\$334,676	\$334,253	\$333,830	\$333,407	\$332,984	\$332,561	\$332,138	\$331,715	\$331,292	\$330,869	\$330,446	
6	Average Net Investment		335,310	334,887	334,464	334,041	333,618	333,195	332,772	332,349	331,926	331,503	331,080	330,657	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation		1.3299%												
	b. Amortization														
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes		0.8060%												
	e. Other														
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,574	\$3,570	\$3,567	\$3,563	\$3,559	\$3,556	\$3,395	\$3,392	\$3,389	\$3,385	\$3,381	\$3,378	\$41,709
	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		\$3,574	\$3,570	\$3,567	\$3,563	\$3,559	\$3,556	\$3,395	\$3,392	\$3,389	\$3,385	\$3,381	\$3,378	\$41,709

(A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.
 (B) Investment amortized over three years in accordance with the petition filed 8/4/2016 in Docket 160007.

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$45,000	\$45,000	\$80,000	\$150,000	\$230,000	\$163,000	\$713,000
	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	\$2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	
3	Less: Accumulated Depreciation	(22,865)	(27,289)	(31,713)	(36,137)	(40,561)	(44,985)	(49,409)	(53,833)	(58,257)	(62,681)	(67,105)	(71,529)	(75,953)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	45,000	90,000	170,000	320,000	550,000	713,000	
5	Net Investment (Lines 2 + 3 + 4)	\$2,126,235	\$2,121,811	\$2,117,387	\$2,112,963	\$2,108,539	\$2,104,115	\$2,099,691	\$2,140,267	\$2,180,843	\$2,256,419	\$2,401,995	\$2,627,571	\$2,786,147	
6	Average Net Investment		2,124,023	2,119,599	2,115,175	2,110,751	2,106,327	2,101,903	2,119,979	2,160,555	2,218,631	2,329,207	2,514,783	2,706,859	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation	2.4700%	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	4,424	53,088
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1645%	295	295	295	295	295	295	295	295	295	295	295	295	3,540
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$23,058	\$23,020	\$22,981	\$22,944	\$22,906	\$22,867	\$22,025	\$22,356	\$22,830	\$23,732	\$25,248	\$26,815	\$280,782
	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		\$23,058	\$23,020	\$22,981	\$22,944	\$22,906	\$22,867	\$22,025	\$22,356	\$22,830	\$23,732	\$25,248	\$26,815	\$280,782

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	\$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	(18,629)	(19,389)	(20,149)	(20,909)	(21,669)	(22,429)	(23,189)	(23,949)	(24,709)	(25,469)	(26,229)	(26,989)	(27,749)	
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)	\$595,381	\$594,621	\$593,861	\$593,101	\$592,341	\$591,581	\$590,821	\$590,061	\$589,301	\$588,541	\$587,781	\$587,021	\$586,261	
6	Average Net Investment		595,001	594,241	593,481	592,721	591,961	591,201	590,441	589,681	588,921	588,161	587,401	586,641	
7	Return on Average Net Investment (A)														
	a. Debt Component		2.03%	1.87%											
	b. Equity Component Grossed Up For Taxes		8.33%	7.92%											
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1703%	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)		\$5,985	\$5,977	\$5,971	\$5,965	\$5,959	\$5,951	\$5,667	\$5,661	\$5,655	\$5,648	\$5,642	\$5,636	\$69,717
	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		\$5,985	\$5,977	\$5,971	\$5,965	\$5,959	\$5,951	\$5,667	\$5,661	\$5,655	\$5,648	\$5,642	\$5,636	\$69,717

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-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(43,955)	(45,316)	(46,677)	(48,038)	(49,399)	(50,760)	(52,121)	(53,482)	(54,843)	(56,204)	(57,565)	(58,926)	(60,287)	(60,287)
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)	\$617,043	\$615,682	\$614,321	\$612,960	\$611,599	\$610,238	\$608,877	\$607,516	\$606,155	\$604,794	\$603,433	\$602,072	\$600,711	
6	Average Net Investment		616,363	615,002	613,641	612,280	610,919	609,558	608,197	606,836	605,475	604,114	602,753	601,392	
7	Return on Average Net Investment (A)														
		Jan-Jun	Jul-Dec												
	a. Debt Component	2.03%	1.87%	1,041	1,038	1,036	1,034	1,032	1,029	949	947	944	942	940	938
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	4,281	4,272	4,262	4,253	4,243	4,234	4,016	4,007	3,998	3,989	3,980	3,971
	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1703%	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)		\$6,777	\$6,765	\$6,753	\$6,742	\$6,730	\$6,718	\$6,420	\$6,409	\$6,397	\$6,386	\$6,375	\$6,364	\$78,836
	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		\$6,777	\$6,765	\$6,753	\$6,742	\$6,730	\$6,718	\$6,420	\$6,409	\$6,397	\$6,386	\$6,375	\$6,364	\$78,836

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

Line	Description	Beginning of Period Amount	Actual Jan-16	Actual Feb-16	Actual Mar-16	Actual Apr-16	Actual May-16	Actual Jun-16	Estimated Jul-16	Estimated Aug-16	Estimated Sep-16	Estimated Oct-16	Estimated Nov-16	Estimated Dec-16	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	(20,810)	(21,851)	(22,892)	(23,933)	(24,974)	(26,015)	(27,056)	(28,097)	(29,138)	(30,179)	(31,220)	(32,261)	(33,302)	(33,302)
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)	\$485,094	\$484,053	\$483,012	\$481,971	\$480,930	\$479,889	\$478,848	\$477,807	\$476,766	\$475,725	\$474,684	\$473,643	\$472,602	
6	Return on Average Net Investment (A)		484,574	483,533	482,492	481,451	480,410	479,369	478,328	477,287	476,246	475,205	474,164	473,123	
7	Return on Average Net Investment														
		Jan-Jun	Jul-Dec												
	a. Debt Component	2.03%	1.87%	818	816	815	813	811	809	746	744	743	741	740	738
	b. Equity Component Grossed Up For Taxes	8.33%	7.92%	3,366	3,358	3,351	3,344	3,337	3,330	3,158	3,152	3,145	3,138	3,131	3,124
	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	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.1703%	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)		\$5,297	\$5,287	\$5,279	\$5,270	\$5,261	\$5,252	\$5,017	\$5,009	\$5,001	\$4,992	\$4,984	\$4,975	\$61,624
	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		\$5,297	\$5,287	\$5,279	\$5,270	\$5,261	\$5,252	\$5,017	\$5,009	\$5,001	\$4,992	\$4,984	\$4,975	\$61,624

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.

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

MICHAEL R. DELOWERY

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

August 4, 2016

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. 160007-EI?

A: Yes, I provided direct testimony on April 1, 2016.

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 2016 actual/estimated cost projections and original 2016 cost projections for

1 environmental compliance costs associated with DEF's Mercury and Air Toxics
2 Standards (MATS) - Anclothe Gas Conversion Project (Project 17.1).

3

4 **Q. Please explain the variance between the actual/estimated project**
5 **expenditures and original projections for the MATS – Anclothe Gas**
6 **Conversion Program (Project 17.1) for the period January 2016 through**
7 **December 2016.**

8 A. There were no 2016 projected Capital or O&M costs for MATS – Anclothe Gas
9 Conversion Program. The Capital variance of \$139k is due to retainage
10 adjustments stemming from contractor retained payments charged to the project
11 in 2016. No further charges are expected.

12

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

14 A. Yes.

15

16

1 BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

2 DIRECT TESTIMONY OF

3 TIMOTHY HILL

4 ON BEHALF OF

5 DUKE ENERGY FLORIDA, LLC

6 DOCKET NO. 160007-EI

7 August 4, 2016

8

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

10 A. My name is Timothy Hill. My business address is 400 South Tryon Street, Charlotte, NC
11 28202.

12

13 **Q. By whom are you employed?**

14 A: I am employed by Duke Energy Corporation (“Duke Energy”) as Regional General Manager for
15 the Coal Combustion Products (“CCP”) Group - Operations & Maintenance. Duke Energy
16 Florida, LLC (“DEF” or the “Company”) is a fully owned subsidiary of Duke Energy.

17

18 **Q. Have you previously filed testimony before this Commission in Docket No. 160007-EI?**

19 A: Yes, I provided direct testimony on April 1, 2016.

20

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

23 A: No.

24

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

2 A. The purpose of my testimony is to explain material variances between 2016 actual/estimated
3 cost projections and original 2016 cost projections for environmental compliance costs
4 associated with DEF's Coal Combustion Residual ("CCR") Rule compliance project.

5
6 **Q: Please explain the variance between actual/estimated project expenditures and original
7 projections for CCR (Project 18) O&M for the period January 2016 through
8 December 2016.**

9 A: O&M expenditures for CCR are expected to be approximately \$572k or 32% higher than
10 originally projected due to increased cost based on competitive bidding for the dredging of
11 the gypsum basin. There are also additional costs associated with developing a closure plan
12 for the FGD blowdown ponds, as required for compliance with CCR rule.

13
14 **Q: Please explain the variance between actual/estimated project expenditures and original
15 projections for CCR (Project 18) capital for the period January 2016 through
16 December 2016.**

17 A: Capital expenditures for CCR are expected to be approximately \$3.5M or 91% lower than
18 originally projected because the temporary dust control measures were demonstrated to be
19 appropriate to meet CCR Rule compliance and will be made permanent.

20
21 **Q. Does this conclude your testimony?**

22 A. Yes.

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

JEFFREY SWARTZ

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

August 4, 2016

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. 160007-EI?

A: Yes, I provided direct testimony on April 1, 2016.

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 2016 actual/estimated cost projections and original 2016 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 2016 through December 2016?**

8 A. O&M expenditures are expected to be \$1.8 million or 5% lower than originally
9 projected primarily driven by a \$1.7 million decrease in CAIR/CAMR CR
10 Project 7.4 – Energy.

11
12 **Q. Please explain the variance between the actual/estimated O&M project**
13 **expenditures and original projections for the CAIR/CAMR Crystal River**
14 **Program (Project 7.4 – Energy) for the period January 2016 through**
15 **December 2016.**

16 A. The \$1.7 million decrease is primarily attributable to lower than projected usage
17 of Limestone and Hydrated Lime and reduced ammonia expense driven by a
18 favorable pricing variance. This is partially offset by higher than projected
19 gypsum expense driven by increased cost of sales supporting beneficial use and
20 avoidance of disposal in landfills.

21
22 **Q: Please explain the variance between actual/estimated O&M project**
23 **expenditures and original projections for the MATS – CR 1&2 Program**
24 **(Project 17.2) for the period January 2016 through December 2016.**

1 A: O&M expenditures are expected to be \$2 million or 52% lower than originally
2 projected due to better than expected performance through June 2016.

3

4 **Q: Please explain the variance between actual/estimated Capital project**
5 **expenditures and original projections for the MATS – CR 1&2 Program**
6 **(Project 17.2) for the period January 2016 through December 2016.**

7 A: Capital expenditures are expected to be \$2.5M or 95% lower than originally
8 projected. Based on test burns with western fuel, DEF believes the mechanical
9 and electrical improvements made to the electrostatic precipitators (“ESPs”) will
10 be sufficient to improve particulate collection efficiency. Emissions testing has
11 demonstrated sufficient control from the ESPs, such that the flue gas
12 conditioning systems would not be required to comply with applicable opacity
13 and particulate limits. As a result, DEF no longer expects to install the flue gas
14 conditioning systems originally projected.

15

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

18 A: Yes. The MATS-CR1&2 Program was completed in April 2016 at a total cost
19 of \$31.5 million.

20

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

22 A. Yes.

23

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

PATRICIA Q. WEST

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

August 4, 2016

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. 160007-EI?

A: Yes, I provided direct testimony on April 1, 2016.

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 2016 actual/estimated cost projections and original 2016 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 Program
14 (Project 15.1), National Pollutant Discharge Elimination System (NPDES)
15 (Project 16) and Mercury and Air Toxics Standards (MATS) – Crystal River
16 (CR) 4&5 (Project 17) for the period January 2016 through December 2016.

17
18 **Q: Please explain the variance between actual/estimated project expenditures**
19 **and original projections for Substation Environmental Investigation,**
20 **Remediation and Pollution Prevention Program (Projects 1 & 1a) for the**
21 **period January 2016 through December 2016.**

22 A: O&M expenditures for the substation system program are estimated to be \$312k
23 or 29% lower than originally projected. The variance is in part due to
24 remediation delays at Consolidated Rock, Dunedin, East Clearwater, Holder,

1 Kenneth City, Longwood, and Winter Springs substations. Consolidated Rock
2 remediation is delayed due to restricted access by the property owner.
3 Dunedin's three banks will now be replaced in Fall 2017 in lieu of repairing as
4 initially scheduled. East Clearwater remediation is partially complete; the
5 remaining remediation is being scheduled. Holder remediation is scheduled for
6 November 2016. Kenneth substation is currently under construction, and
7 remediation activities are tentatively scheduled for October 2016. Winter
8 Springs remediation was delayed due to the need to complete emergent work at
9 Winter Park East, and has been rescheduled for September 2016. Remediation
10 activities at Wekiva substation commenced the first week of July 2016.

11

12 **Q: Please explain the variance between actual/estimated project expenditures**
13 **and original projections for Distribution System Environmental**
14 **Investigation, Remediation and Pollution Prevention Program (Project 2)**
15 **for the period January 2016 through December 2016.**

16 A: O&M expenditures for the distribution system program are estimated to be
17 \$101k higher than originally projected due to the timing of 2015 invoices that
18 were received and paid in 2016 and a delay in a TRIP location originally
19 planned to start and finish in 2015 but was not completed until early 2016.

20

21 **Q: Please explain the variance between actual/estimated project expenditures**
22 **and original projections for CAIR/CAMR - Peaking (Project 7.2) for the**
23 **period January 2016 through December 2016.**

1 A: O&M expenditures for CAIR/CAMR - Peaking are projected to be \$32k or 24%
2 lower than originally projected due to the retirement of the Turner Peaking Units
3 thereby removing the need for Appendix E testing.

4
5 **Q: Please explain the variance between actual/estimated project expenditures**
6 **and original projections for Arsenic Groundwater Standard (Project 8) for**
7 **the period January 2016 through December 2016.**

8 A: O&M expenditures for Arsenic Groundwater Standard are expected to be \$131k
9 higher than originally projected due to consultant costs to evaluate the source of
10 arsenic exceedances and issue a summary report in accordance to FDEP Consent
11 Order No. 09-3463D executed on March 22, 2016. The summary report must be
12 submitted to the FDEP no later than December 31, 2017, and the station must be
13 in compliance with the arsenic groundwater limit by December 31, 2019. The
14 Consent Order was issued by the FDEP for exceedance of the revised arsenic
15 groundwater limit. In 2005, the FDEP revised the Ground Water Rule (65-
16 520.420(1), F.A.C.) to lower the arsenic maximum containment level from 50
17 ppb to 10 ppb.

18
19 **Q: Please explain the variance between actual/estimated project expenditures**
20 **and original projections for MATS – CR4&5 (Project 17) capital for the**
21 **period January 2016 through December 2016.**

22 A: Capital expenditures for MATS – CR4&5 are expected to be \$310k higher than
23 originally projected due to commissioning activities being rescheduled from
24 fourth quarter 2015 to first quarter 2016.

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

Q: Please provide an update on Effluent Limitation Guidelines (“ELG”).

A: In April 2013, the Environmental Protection Agency (“EPA”) proposed revised effluent limitation guidelines and standards for the Steam Electric Generating Industry pursuant to the Clean Water Act. On April 8, 2014 the EPA acknowledged the need to closely coordinate this rule, which regulates waste streams from power plants, with the CCR rule, which regulates landfills and ash basins. On November 23, 2015, the EPA published the final revision to the ELG establishing technology-based national standards for effluent waste streams. The rule went into effect on January 4, 2016 and applies to all steam electric generating stations. The new limits must be incorporated into affected stations’ NPDES permits with a compliance timeframe between November 1, 2018 and December 31, 2023. DEF is currently working with the FDEP to address these ELG requirements in its Crystal River Units 4 & 5 NPDES permit that is now in the renewal process.

Q: Please provide an update of DEF’s Effluent Limitation Guidelines Program (Project 15.1).

A: In Order No. PSC-13-0606-FOF-EI, the Commission approved DEF’s ELG compliance project as meeting the criteria for ECRC recovery. DEF’s progress on this project was deferred as a result of EPA’s decision to defer final guidelines. With the publication of the final Effluent Limitation Guidelines, DEF will begin initial engineering analysis in late-2016. DEF expects to incur costs of approximately \$225k in 2016.

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

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

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

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

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

For NPDES permits that expire more than 45 months from the effective date of the rule, all information, including study results, is required to be submitted as

1 part of the renewal application.

2

3 DEF is currently implementing initial rule requirements based on NPDES permit
4 schedules at affected facilities which includes literature review and analysis,
5 additional field study, and reporting requirements.

6

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

9 A: Existing Units – The EPA plans to regulate CO2 emissions from existing fossil
10 fuel-fired units under the President’s Climate Action Plan announced in June
11 2013. On October 23, 2015, EPA published the final New Source Performance
12 Standards (NSPS) for CO2 emissions from existing fossil fuel-fired electric
13 generating units (also known as the Clean Power Plan or CPP). The final CPP
14 establishes state-specific emission goals; for Florida, the goals begin a phased
15 approach in 2022, ending with a rate goal of 919 lb. CO2/MWh annual average
16 for the period 2030 and beyond. Alternatively, the state can adopt a mass
17 emissions approach culminating in a 2030 target of 105,094,704 tons (existing
18 units) or 106,641,595 tons (existing plus new units). The final CPP has been
19 challenged in the D.C. Circuit Court of Appeals by 27 states and a number of
20 industry groups, oral argument is scheduled for September 27, 2016. In
21 addition, on February 9, 2016, the U.S. Supreme Court placed a stay on the CPP
22 until such time that all litigation is completed.

23

1 Also, on October 23, 2015, EPA published the final New Source Performance
2 Standards (NSPS) for CO2 emissions for new, modified, and reconstructed
3 fossil fuel-fired EGUs. The rule includes emission limits of 1,400 lb.
4 CO2/MWh for new coal-fired units and 1,000 lb. CO2/MWh for new natural gas
5 combined-cycle units. This rule has also been challenged in the D.C. Circuit
6 Court of Appeals.

7
8 DEF does not expect to incur ECRC costs in 2016 related to carbon regulations.

9
10 **Q: Please provide an update on the Cross State Air Pollution Rule (CSAPR).**

11 A: There have been no updates on the CSAPR since my April 1, 2016 testimony.

12
13 **Q: Please provide an update on the Coal Combustion Residual (CCR) Rule.**

14 A: The CCR rule was published in the Federal Register on April 17, 2015, and
15 became effective on October 17, 2015. The rule has specific compliance
16 impacts on the ash landfill, gypsum storage pad and FGD lined blowdown ponds
17 at the Crystal River site. DEF's planned 2016 compliance activities and their
18 associated cost projections are provided by Mr. Timothy Hill.

19
20 **Q: Please provide an update on the Mercury and Air Toxics Standards**
21 **(MATS) Rule.**

22 A: On June 29, 2015, the U. S. Supreme Court ruled that it was unreasonable for
23 EPA to refuse to consider costs in determining that regulation of electric
24 generating units was "appropriate and necessary" under Clean Air Act section

1 112. The Court remanded the case back to the D.C. Circuit Court of Appeals for
2 further proceedings consistent with its opinion. In turn, on December 15, 2015
3 the D.C. Circuit Court of Appeals remanded the MATS rule to EPA without
4 vacatur. On April 15, 2016 EPA issued the final “Supplemental Findings that it
5 is Appropriate and Necessary to Regulate Hazardous Air Pollutants from Coal-
6 and Oil-Fired Electric Utility Steam Generating Units.” Petitions have been filed
7 with the Court challenging EPA’s findings. In the interim, the MATS rule will
8 remain in effect pending any additional action by the D.C. Circuit.

9

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

12 A: The EPA set new 1-hour health-based NO₂ and SO₂ standards in 2010. In mid-
13 2013, the EPA finalized SO₂ non-attainment designations for two small areas in
14 Florida outside DEF’s service territory. The EPA deferred making any other
15 designations until late 2017. On August 21, 2015, the EPA published a final
16 “data requirements” rule that establishes requirements for additional ambient air
17 quality monitoring and/or modeling that will be used for future area
18 designations.

19

20 On October 26, 2015, the EPA published a revised ozone NAAQS, making the
21 standard more stringent by changing it from 75 parts per billion (ppb) to 70 ppb.
22 Currently the entire state of Florida is in compliance with this new standard.

23

1 **Q: Please provide an update on the Waters of the United States (WOTUS)**
2 **Rule.**

3 A: On June 29, 2015 the EPA and the Army Corps of Engineers (“Corps”)
4 published the final Clean Water Rule that significantly expands the definition of
5 the Waters of the United States (“WOTUS”). On October 9, 2015 the U.S.
6 Court of Appeals for the Sixth Circuit granted a nationwide stay of the rule
7 effective through the conclusion of the judicial review process. On February 22,
8 2016 the court issued an opinion that it has jurisdiction and is the appropriate
9 venue to hear the merits of legal challenges to the rule; however, that decision is
10 being contested, and the timeframe for resolution is unknown at this time. Until
11 the new rule goes into effect, new WOTUS jurisdictional determinations will be
12 made by the Corps using the previous WOTUS definition.

13
14 **Q. Does this conclude your testimony?**

15 A. Yes.