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DUKE ENERGY
FLORIDA

Dianne M. Triplett
Associate General Counsel

April 1, 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 ("DEF"), please find enclosed for electronic filing in the above-referenced docket, DEF's 2015 Final True-Up Report. The filing includes the following:

- DEF's Petition for Approval of Environmental Cost Recovery Final True-Up for the Period January 2015 to December 2015;
- Pre-filed Direct Testimony of Christopher A. Menendez and Exhibit No. ___ (CAM-1) and Exhibit No. ___(CAM-2);
- Pre-filed Direct Testimony of Michael Delowery;
- Pre-filed Direct Testimony of Timothy Hill;
- Pre-filed Direct Testimony of Jeffrey Swartz; and
- Pre-filed Direct Testimony of Patricia Q. West and Exhibit No. ___ (PQW-1).

Thank you for your assistance in this matter. Please feel free to call me at (727) 820-4692 should you have any questions concerning this filing.

Sincerely,

s/ Dianne M. Triplett
Dianne M. Triplett

DMT/mw
Enclosures
cc: Certificate of Service

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause	Docket No. 160007-EI Filed: April 1, 2016

DUKE ENERGY FLORIDA'S PETITION FOR APPROVAL OF ENVIRONMENTAL COST RECOVERY CLAUSE FINAL TRUE-UP FOR THE PERIOD JANUARY 2015 - DECEMBER 2015

Duke Energy Florida, LLC ("DEF" or "the Company"), hereby petitions for approval of DEF's final end-of-the period Environmental Cost Recovery Clause ("ECRC") True-Up amount of an over-recovery of $1,171,886, and an over-recovery of $1,951,488 as the adjusted net true-up for the period January 2015 through December 2015. In support of this Petition, DEF states:

1. The actual end-of-period ECRC true-up over-recovery amount of $1,171,886 for the period January 2015 through December 2015 was calculated in accordance with the methodology set forth in Form 42-2A of Exhibit No. __ (CAM-1) accompanying the direct testimony of DEF witness Christopher A. Menendez, which is being filed together with this Petition and incorporated herein. Additional cost information for specific ECRC programs for the period January 2015 through December 2015 are presented in the direct testimonies of Michael Delowery, Timothy Hill, Jeffrey Swartz, and Patricia Q. West filed with this Petition and incorporated herein.

2. In Order No. PSC-15-0536-FOF-EI, the Commission approved an over-recovery of $779,602 as the estimated/actual ECRC true-up for the period January 2015 through December 2015.

3. As reflected on Form 42-1A of Exhibit No. __ (CAM-1) to Mr. Menendez's testimony, the adjusted net true-up for the period January 2015 through December 2015 is an

over-recovery of $1,951,488, which is the sum of the actual true-up over-recovery of $1,171,886 and the estimated/actual true-up over-recovery of $779,602.

WHEREFORE, DEF respectfully requests that the Commission approve the Company's final 2015 end-of-period Environmental Cost Recovery True-Up amount of an over-recovery amount of $1,171,886, and an over-recovery of $1,951,488 as the adjusted net true-up for the period January 2015 through December 2015.

RESPECTFULLY SUBMITTED this 1st day of April, 2016.

s/Dianne M. Triplett

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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 1st day of April, 2016.

s/Dianne M. Triplett
Attorney

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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

CHRISTOPHER MENENDEZ

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

April 1, 2016

Q. Please state your name and business address.

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

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

A. I am employed by Duke Energy Florida, LLC ("DEF" or the "Company"), as Rates and Regulatory Strategy Manager.

Q. What are your responsibilities in that position?

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

Q. Please describe your educational background and professional experience.

A. I joined the Company on April 7, 2008 as a Senior Financial Specialist in the Florida Planning & Strategy group. In that capacity, I supported the development of long-term financial forecasts and the development of current-year monthly earnings and cash flow projections. In 2011, I accepted a position as a Senior Business Financial Analyst in the Power Generation Florida Finance organization. In that capacity, I provided accounting and financial analysis support to various generation facilities in DEF's Fossil fleet. In 2013, I accepted a position as a Senior Regulatory Specialist. In that capacity, I supported the preparation of testimony and exhibits for the Fuel Docket as well as other Commission Dockets. In October 2014, I was promoted to my current position. Prior to working at DEF, I was the Manager of Inventory Accounting and Control for North American Operations at Cott Beverages. In this role, I was responsible for inventory-related accounting and inventory control functions for Cott-owned manufacturing plants in the United States and Canada. I received a Bachelor of Science degree in Accounting from the University of South Florida, and I am a Certified Public Accountant in the State of Florida.

Q. Have you previously filed testimony before this Commission?

A. Yes, I have previously provided testimony in the Fuel and Capacity Cost Recovery Clause docket detailing DEF's True-up, Actual/Estimated, and Projected fuel and capacity costs.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present for Commission review and approval DEF's actual true-up costs associated with environmental compliance activities for the period January 2015 - December 2015.

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

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

Exhibit No.___ CAM-1 consists of the following:

- Form 42-1A: Final true-up for the period January 2015 - December 2015.
- Form 42-2A: Final true-up calculation for the period.
- Form 42-3A: Calculation of the interest provision for the period.
- Form 42-4A: Calculation of variances between actual and actual/estimated costs for O&M Activities.
- Form 42-5A: Summary of actual monthly costs for the period for O&M Activities.
- Form 42-6A: Calculation of variances between actual and actual/estimated costs for Capital Investment Projects.
- Form 42-7A: Summary of actual monthly costs for the period for Capital Investment Projects.
- Form 42-8A, pages 1-19: Calculation of return on capital investment, depreciation expense and property tax expense for each project recovered through the ECRC.

- Form 42-9A: DEF's capital structure and cost rates.

Exhibit No.___ CAM-2 consists of detailed support for the following capital projects:

- Pipeline Integrity Management (Capital Program Detail (CPD), pages 2-3)
- Above Ground Storage Tank Secondary Containment (CPD, pages 4-9)
- Clean Air Interstate Rule (CAIR) Combustion Turbines (CTs)(CPD, pages 10-13)
- CAIR-Crystal River Units 4 & 5 (CPD, pages 14-15)
- Thermal Discharge Permanent Cooling Tower (CPD, pages 16-17)

These exhibits were developed under my supervision and they are true and accurate.

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

A. The actual data is taken from the books and records of DEF. The books and records are kept in the regular course of DEF's business in accordance with generally accepted accounting principles and practices, provisions of the Uniform System of Accounts as prescribed by Federal Energy Regulatory Commission, and any accounting rules and orders established by this Commission. The Company relies on the information included in this testimony in the conduct of its affairs.

Q. What is the final true-up amount DEF is requesting for the period January 2015 - December 2015?

A. DEF requests approval of an over-recovery amount of $1,171,886 for the year ending December 31, 2015. This amount is shown on Form 42-1A, Line 1.

Q. What is the net true-up amount DEF is requesting for the period January 2015 - December 2015 to be applied in the calculation of the environmental cost recovery factors to be refunded/recovered in the next projection period?

A. DEF requests approval of an over-recovery of $1,951,488 reflected on Line 3 of Form 42-1A, as the adjusted net true-up amount for the period January 2015 - December 2015. This amount is the difference between an actual over-recovery amount of $1,171,886 and an actual/estimated under-recovery of $779,602 for the period January 2015 - December 2015, as approved in Order PSC-15-0536-FOF-EI.

Q. Are all costs listed on Forms 42-1A through 42-8A attributable to environmental compliance projects approved by the Commission?

A. Yes.

Q. How did actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections as presented in previous testimony and exhibits?

A. Form 42-4A shows a total O&M project variance of $1,874,578 lower than projected. Individual O&M project variances are on Form 42-4A. Explanations associated with variances are contained in the direct testimonies of Jeffrey Swartz, Timothy Hill, and Patricia Q. West.

Q. How did actual capital recoverable expenditures for January 2015 - December 2015 compare with DEF's estimated/actual projections as presented in previous testimony and exhibits?

A. Form 42-6A shows a total capital investment recoverable cost variance of $133,942 lower than projected. Individual project variances are on Form 42-6A. Return on capital investment, depreciation and property taxes for each project for the period are provided on Form 42-8A, pages 1-19. Explanations associated with variances are contained in the direct testimonies of Michael Delowery, Timothy Hill, Jeffrey Swartz and Patricia West.

Q. Please explain the variance between actual project expenditures and the Actual/Estimated projections for the SO_2/NOx Emissions Allowance (Project 5).

A. The O&M variance is $286,265 higher than projected due to the purchase of seasonal NOx allowances.

Q. Does this conclude your testimony?

A. Yes.

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

January 2015 - December 2015
Final True-Up
Docket No. 160007-EI

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015
(in Dollars)

Line		Period Amount
1	Over/(Under) Recovery for the Period January 2015 - December 2015 (Form 42-2A, Line 5 + 6 + 10)	$ 1,171,886
2	Actual/Estimated True-Up Amount Approved for the Period January 2015 - December 2015 (Order No. PSC-15-0536-FOF-EI)	(779,602)
3	Final True-Up Amount to be Refunded/(Recovered) in the Projection Period January 2017 to December 2017 (Lines 1 - 2)	$ 1,951,488

Form 42-2A

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)

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

Line	Description		Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	ECRC Revenues (net of Revenue Taxes)		$3,526,142	$3,506,269	$3,739,966	$3,893,292	$4,144,320	$4,771,971	$4,977,692	$5,115,493	$5,015,996	$4,366,056	$4,462,051	$3,943,956	51,463,204
2	True-Up Provision	$15,152,979	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	$1,262,748	15,152,979
	(Order No. PSC-14-0643-FOF-EI)														
3	ECRC Revenues Applicable to Period (Lines 1 + 2)		$4,788,890	4,769,017	5,002,714	5,156,040	5,407,068	6,034,720	6,240,440	6,378,241	6,278,744	5,628,804	5,724,799	5,206,704	66,616,183
4	Jurisdictional ECRC Costs														
	a. O & M Activities (Form 42-5A, Line 9)		$2,260,377	$3,307,274	$3,001,237	$2,880,185	$3,191,235	$2,308,366	$2,629,364	$3,305,575	$3,149,356	$3,737,041	$2,769,040	$3,803,911	$36,342,961
	b. Capital Investment Projects (Form 42-7A, Line 9)		2,406,315	2,430,007	2,426,402	2,420,234	2,406,983	2,460,973	2,494,257	2,492,013	2,512,921	2,516,206	2,517,370	2,532,560	29,616,239
	c. Other (A)		0	0	0	0	0	(505,022)	0	0	0	0	0	0	(505,022)
	d. Total Jurisdictional ECRC Costs		$4,666,692	$5,737,281	$5,427,639	$5,300,419	$5,598,218	$4,264,317	$5,123,621	$5,797,588	$5,662,277	$6,253,247	$5,286,410	$6,336,471	$65,454,178
5	Over/(Under) Recovery (Line 3 - Line 4d)		$122,199	($968,263)	($424,924)	($144,378)	($191,150)	$1,770,402	$1,116,820	$580,653	$616,467	($624,443)	$438,390	($1,129,767)	$1,162,004
6	Interest Provision (Form 42-3A, Line 10)		1,280	1,145	989	649	657	713	727	781	802	675	593	871	9,882
7	Beginning Balance True-Up & Interest Provision		15,152,979	14,013,709	11,783,843	10,097,159	8,690,682	7,237,441	7,745,808	7,600,606	6,919,292	6,273,813	4,387,296	3,563,530	15,152,979
	a. Deferred True-Up - January 2014 - December 2014 (2014 TU filing dated 4/1/15)		1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043	1,419,043
8	True-Up Collected/(Refunded) (see Line 2)		(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(1,262,748)	(15,152,979)
9	End of Period Total True-Up (Lines 5+6+7+7a+8)		$15,432,752	$13,202,886	$11,516,202	$10,109,725	$8,656,484	$9,164,851	$9,019,649	$8,338,335	$7,692,856	$5,806,339	$4,982,573	$2,590,929	$2,590,929
10	Adjustments to Period Total True-Up Including Interest		0	0	0	0	0	0	0	0	0	0	0	0	0
11	End of Period Total True-Up Over/(Under) (Lines 9 + 10)		$15,432,752	$13,202,886	$11,516,202	$10,109,725	$8,656,484	$9,164,851	9,019,649	$8,338,335	$7,692,856	$5,806,339	$4,982,573	$2,590,929	$2,590,929

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Interest Provision
(in Dollars)

Line	Description	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Beginning True-Up Amount (Form 42-2A, Line 7 + 7a + 10)	$16,572,022	$15,432,752	$13,202,886	$11,516,202	$10,109,725	$8,656,484	$9,164,851	$9,019,649	$8,338,335	$7,692,856	$5,806,339	$4,982,573	
2	Ending True-Up Amount Before Interest (Line 1 + Form 42-2A, Lines 5 + 8)	15,431,472	13,201,741	11,515,213	10,109,076	8,655,827	9,164,138	9,018,922	8,337,554	7,692,054	5,805,664	4,981,980	2,590,058	
3	Total of Beginning & Ending True-Up (Lines 1 + 2)	32,003,494	28,634,493	24,718,099	21,625,278	18,765,551	17,820,621	18,183,773	17,357,203	16,030,389	13,498,520	10,788,319	7,572,632	
4	Average True-Up Amount (Line 3 x 1/2)	16,001,747	14,317,247	12,359,050	10,812,639	9,382,776	8,910,311	9,091,887	8,678,602	8,015,195	6,749,260	5,394,160	3,786,316	
5	Interest Rate (Last Business Day of Prior Month)	0.10%	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.11%	0.11%	0.13%	0.12%	0.15%	
6	Interest Rate (Last Business Day of Current Month)	0.10%	0.09%	0.09%	0.06%	0.10%	0.08%	0.11%	0.11%	0.13%	0.12%	0.15%	0.40%	
7	Total of Beginning & Ending Interest Rates (Lines 5 + 6)	0.20%	0.19%	0.18%	0.15%	0.16%	0.18%	0.19%	0.22%	0.24%	0.25%	0.27%	0.55%	
8	Average Interest Rate (Line 7 x 1/2)	0.100%	0.095%	0.090%	0.075%	0.080%	0.090%	0.095%	0.110%	0.120%	0.125%	0.135%	0.275%	
9	Monthly Average Interest Rate (Line 8 x 1/12)	0.008%	0.008%	0.008%	0.006%	0.007%	0.008%	0.008%	0.009%	0.010%	0.010%	0.011%	0.023%	
10	Interest Provision for the Month (Line 4 x Line 9)	$1,280	$1,145	$989	$649	$657	$713	$727	$781	$802	$675	$593	$871	$9,882

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Variance Report of O&M Activities
(In Dollars)

Line			(1) YTD Actual	(2) Actual/ Estimated	(3) Variance Amount	(4) Variance Percent
1	Description of O&M Activities - System					
	1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	$918,142	$1,275,359	($357,218)	-28%
	1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	(316,219)	(166,032)	(150,187)	90%
	2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	20,678	58,344	(37,666)	-65%
	3	Pipeline Integrity Management - Bartow /Anclote Pipeline - Intm	335,009	516,698	(181,689)	-35%
	4	Above Ground Tank Secondary Containment	0	0	0	0%
	5	SO2/NOx Emissions Allowances - Energy	3,900,997	3,614,732	286,265	8%
	6	Phase II Cooling Water Intake 316(b) - Base	129,364	146,275	(16,912)	-12%
	6a	Phase II Cooling Water Intake 316(b) - Intm	116,603	130,350	(13,747)	-11%
	7.2	CAIR/CAMR - Peaking - Demand	48,570	48,570	0	0%
	7.4	CAIR/CAMR Crystal River - Base	14,878,657	15,306,635	(427,978)	-3%
	7.4	CAIR/CAMR Crystal River - Energy	12,988,462	14,267,141	(1,278,679)	-9%
	7.4	CAIR/CAMR Crystal River - A&G	158,148	137,080	21,068	15%
	7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	3,457	3,457	0	0%
	7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0%
	8	Arsenic Groundwater Standard - Base	48,592	39,116	9,476	24%
	9	Sea Turtle - Coastal Street Lighting - Distrib	982	1,132	(150)	0%
	11	Modular Cooling Towers - Base	0	0	0	0%
	12	Greenhouse Gas Inventory and Reporting - Energy	0	0	0	0%
	13	Mercury Total Daily Maximum Loads Monitoring - Energy	0	0	0	0%
	14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	0	0	0	0%
	15	Effluent Limitation Guidelines ICR Program - Energy	0	0	0	0%
	16	National Pollutant Discharge Elimination System (NPDES) - Energy	210,066	217,622	(7,555)	-3%
	17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	536,314	585,126	(48,812)	-8%
	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	4,208,908	3,748,826	460,083	12%
	18	Coal Combustion Residual (CCR) Rule - Energy	260,127	391,004	(130,877)	-33%
2	Total O&M Activities - Recoverable Costs		$38,446,857	$40,321,435	($1,874,578)	-5%
3	Recoverable Costs Allocated to Energy		22,108,332	22,827,908	(719,576)	-3%
4	Recoverable Costs Allocated to Demand		$16,338,525	$17,493,527	($1,155,002)	-7%

Notes:

Column (1) - End of Period Totals on Form 42-5A
Column (2) - 2015 Estimated/Actual Filing (7/31/15)
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Form 42-5A

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)

O&M Activities
(in Dollars)

Line		Description	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Description of O&M Activities														
	1	Transmission Substation Environmental Investigation, Remediation, and Pollution Prevention	($18,825)	$28,217	($15,474)	$30,974	($25,211)	$232,888	$644,866	$13,193	$14,924	($412)	$5,685	$7,316	$918,142
	1a	Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention	$105,181	$69,374	$49,077	$54,260	$83,342	($210,344)	($548,458)	$6,835	$40,559	$17,926	$6,022	$10,008	($316,219)
	2	Distribution System Environmental Investigation, Remediation, and Pollution Prevention	$476	$368	$0	$4,093	$0	$1,323	$5,108	$0	$0	$9,310	$0	$0	$20,678
	3	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intm	$28,910	$78,215	$82,507	$48,395	$48,216	$5,088	($120,260)	$38,790	$32,848	$35,836	$34,810	$21,654	$335,009
	4	Above Ground Tank Secondary Containment - Peaking	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	5	SO2/NOx Emissions Allowances - Energy	($8,868)	($6,935)	($7,374)	($8,585)	($2,165)	$2,130	($2,803)	$141,817	$152,403	$33,181	($6,822)	($14,137)	$271,841
	5	NOx Emissions Allowance Regulatory Asset	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$3,629,156
	6	Phase II Cooling Water Intake 316(b) - Base	$0	$35,625	$0	$15,836	$14,814	$17,400	$9,373	$2,263	$2,228	$0	$8,083	$23,742	$129,364
	6a	Phase II Cooling Water Intake 316(b) - Intm	$30,255	($887)	$22,264	$20,009	$18,523	$657	$14,369	($2,604)	($735)	$3,319	$2,147	$9,286	$116,603
	7.2	CAIR/CAMR - Peaking	$29,570	$0	$19,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$48,570
	7.4	CAIR/CAMR Crystal River - Base	$1,084,061	$1,133,842	$1,126,742	$1,194,033	$1,395,628	$1,175,665	$950,189	$1,045,786	$1,119,481	$1,572,502	$1,827,911	$1,252,816	$14,878,657
	7.4	CAIR/CAMR Crystal River - Energy	$741,862	$930,348	$1,377,092	$1,275,650	$1,192,641	$793,128	$1,142,146	$1,670,598	$1,228,985	$1,218,313	$589,888	$827,811	$12,988,462
	7.4	CAIR/CAMR Crystal River - A&G	$8,693	$6,214	$14,399	$8,455	$16,633	$14,146	$19,741	$20,951	$14,504	$14,597	$12,226	$7,589	$158,148
	7.4	CAIR/CAMR Crystal River - Conditions of Certification - Energy	$0	$3,457	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$3,457
	7.5	Best Available Retrofit Technology (BART) - Energy	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	8	Arsenic Groundwater Standard - Base	$7,444	$1,187	$0	$6,936	$0	$8,019	$15,554	$0	$1,332	$0	$6,463	$1,659	$48,592
	9	Sea Turtle - Coastal Street Lighting - Distrib	$0	$0	$0	$0	$0	$0	$982	$0	$0	$0	$0	$0	$982
	11	Modular Cooling Towers - Base	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	12	Greenhouse Gas Inventory and Reporting - Energy	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	13	Mercury Total Daily Maximum Loads Monitoring - Energy	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	14	Hazardous Air Pollutants (HAPs) ICR Program - Energy	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	15	Effluent Limitation Guidelines ICR Program - Energy	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	16	National Pollutant Discharge Elimination System (NPDES) - Energy	$4,640	($16,114)	$24,512	$72,556	$8,095	$32,769	$6,135	$39,727	$0	$733	$7,641	$29,371	$210,066
	17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	$43,152	$1,269	$6,086	$9,497	$454	$16,666	$267,437	$0	$0	$0	$6,596	$185,158	$536,314
	17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	$22,871	$896,818	$148,602	$16,231	$337,304	$121,641	$209,692	$186,191	$362,069	$693,340	$54,464	$1,159,685	$4,208,908
	18	Coal Combustion Residual (CCR) Rule - Energy	$0	$0	$0	$0	$0	$0	$5,746	$8,768	$24,299	$19,025	$79,249	$123,040	$260,127
2	Total of O&M Activities (excl Nox Emissions Allowances Reg Asset)		$2,079,421	$3,160,998	$2,847,433	$2,748,340	$3,088,275	$2,211,174	$2,619,818	$3,172,317	$2,992,896	$3,617,670	$2,634,363	$3,644,997	$34,817,701
	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
3	Recoverable Costs Allocated to Energy		803,657	1,808,843	1,548,918	1,365,349	1,536,329	966,332	1,628,354	2,047,102	1,767,756	1,964,592	731,017	2,310,927	18,479,175
4	Recoverable Costs Allocated to Demand - Transm		(18,825)	28,217	(15,474)	30,974	(25,211)	232,888	644,866	13,193	14,924	(412)	5,685	7,316	918,142
	Recoverable Costs Allocated to Demand - Distrib		105,657	69,743	49,077	58,352	83,342	(209,021)	(542,368)	6,835	40,559	27,236	6,022	10,008	(294,559)
	Recoverable Costs Allocated to Demand - Prod-Base		1,091,505	1,170,653	1,126,742	1,216,805	1,410,443	1,201,084	975,115	1,048,049	1,123,041	1,572,502	1,842,457	1,278,217	15,056,613
	Recoverable Costs Allocated to Demand - Prod-Intm		59,165	77,328	104,771	68,404	66,740	5,745	(105,890)	36,186	32,113	39,155	36,957	30,940	451,612
	Recoverable Costs Allocated to Demand - Prod-Peaking		29,570	0	19,000	0	0	0	0	0	0	0	0	0	48,570
	Recoverable Costs Allocated to Demand - A&G		8,693	6,214	14,399	8,455	16,633	14,146	19,741	20,951	14,504	14,597	12,226	7,589	158,148
5	Retail Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
	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)		778,904	1,772,485	1,512,673	1,316,333	1,455,672	923,814	1,573,315	1,974,020	1,722,325	1,911,352	713,253	2,275,801	17,929,947
	Jurisdictional Energy Recoverable Costs - Nox Regulatory Asset		296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	296,169	3,554,028
8	Jurisdictional Demand Recoverable Costs - Transm (B)		(13,215)	19,809	(10,863)	21,744	(17,699)	163,495	452,715	9,262	10,477	(289)	3,991	5,136	644,563
	Jurisdictional Demand Recoverable Costs - Distrib (B)		105,193	69,437	48,862	58,096	82,976	(208,103)	(539,987)	6,805	40,380	27,116	5,995	9,964	(293,266)
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)		1,013,844	1,087,361	1,046,575	1,130,230	1,310,090	1,115,627	905,736	973,480	1,043,137	1,460,618	1,711,366	1,187,272	13,985,336
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)		43,015	56,220	76,172	49,731	48,522	4,177	(76,986)	26,308	23,347	28,467	26,869	22,494	328,336
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)		28,364	0	18,226	0	0	0	0	0	0	0	0	0	46,590
	Jurisdictional Demand Recoverable Costs - A&G (B)		8,103	5,793	13,423	7,882	15,505	13,187	18,402	19,531	13,521	13,608	11,397	7,075	147,427
9	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)		$2,260,377	$3,307,274	$3,001,237	$2,880,185	$3,191,235	$2,308,366	$2,629,364	$3,305,575	$3,149,356	$3,737,041	$2,769,040	$3,803,911	$36,342,961

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Variance Report of Capital Investment Activities
(In Dollars)

Line			(1) YTD Actual	(2) Actual/ Estimated	(3) Variance Amount	(4) Variance Percent
1		Description of Capital Investment Activities				
	3.x	Pipeline Integrity Management - Bartow/Anclote Pipeline	$286,014	$286,019	($5)	0%
	4.x	Above Ground Tank Secondary Containment	1,747,440	1,747,450	(10)	0%
	5	SO2/NOx Emissions Allowances	1,283,907	1,279,248	4,659	0%
	7.x	CAIR/CAMR	793,231	800,444	(7,213)	-1%
	7.5	Best Available Retrofit Technology (BART)	0	0	0	0%
	9	Sea Turtle - Coastal Street Lighting	1,370	1,372	(2)	0%
	10.x	Underground Storage Tanks	27,877	27,877	0	0%
	11	Modular Cooling Towers	0	0	0	0%
	11.1	Thermal Discharge Permanent Cooling Tower	6,019,808	6,019,823	(15)	0%
	16	National Pollutant Discharge Elimination System (NPDES)	1,875,329	1,869,774	5,555	0%
	17x	Mercury & Air Toxics Standards (MATS)	19,443,921	19,523,407	(79,486)	0%
	18	Coal Combustion Residual (CCR) Rule	278	57,703	(57,425)	-100%
2		Total Capital Investment Activities - Recoverable Costs	$31,479,175	$31,613,117	($133,942)	0%
3		Recoverable Costs Allocated to Energy	20,834,611	20,973,173	($138,562)	-1%
4		Recoverable Costs Allocated to Demand	$10,644,564	$10,639,944	$4,620	0%

Notes:
Column (1) - End of Period Totals on Form 42-7A
Column (2) - 2015 Actual/Estimated Filing (7/31/15)
Column (3) = Column (1) - Column (2)
Column (4) = Column (3) / Column (2)

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Capital Investment Projects-Recoverable Costs
(in Dollars)

Line		Description	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Description of Investment Projects (A)														
	3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intermediate	$24,030	$23,982	$23,933	$23,885	$23,837	$23,789	23,881	$23,833	$23,784	$23,736	$23,686	$23,638	$286,014
	4.1	Above Ground Tank Secondary Containment - Peaking	119,126	118,844	118,557	118,276	117,989	117,704	118,075	117,791	117,501	117,217	116,925	116,641	1,414,642
	4.2	Above Ground Tank Secondary Containment - Base	25,061	25,034	25,007	24,982	24,956	24,930	25,094	25,069	25,042	25,015	24,990	24,963	300,143
	4.3	Above Ground Tank Secondary Containment - Intermediate	2,738	2,733	2,728	2,724	2,719	2,714	2,727	2,724	2,719	2,714	2,710	2,705	32,655
	5	SO2/NOX Emissions Allowances - Energy	120,297	117,777	115,249	112,728	110,185	107,597	105,939	103,839	101,463	98,738	96,308	93,787	1,283,907
	7.1	CAIR/CAMR Anclote- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
	7.2	CAIR/CAMR - Peaking	19,050	19,020	18,989	18,959	18,928	18,898	18,989	18,958	18,928	18,897	18,867	18,836	227,319
	7.3	CAMR Crystal River - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
	7.4	CAIR/CAMR Crystal River AFUDC - Base	35,608	35,658	35,773	36,024	36,295	36,428	36,752	41,432	41,388	41,322	41,257	41,192	459,129
	7.4	CAIR/CAMR Crystal River AFUDC - Energy	9,950	9,531	9,257	8,918	8,997	9,604	9,176	8,272	8,233	8,111	8,355	8,378	106,783
	7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	Sea Turtle - Coastal Street Lighting -Distribution	115	115	115	114	114	114	114	114	114	114	114	113	1,370
	10.1	Underground Storage Tanks - Base	1,589	1,587	1,584	1,582	1,579	1,577	1,584	1,582	1,579	1,577	1,574	1,572	18,966
	10.2	Underground Storage Tanks - Intermediate	750	748	747	745	743	742	743	742	741	738	737	735	8,911
	11	Modular Cooling Towers - Base	0	0	0	0	0	0	0	0	0	0	0	0	0
	11.1	Crystal River Thermal Discharge Compliance Project - Base (Post 2012) (B)	3,325	3,299	3,273	3,247	3,221	3,196	3,171	3,145	3,119	3,093	3,067	3,041	38,192
	11.1	Crystal River Thermal Discharge Compliance Project - Base (2012) (B)	524,030	519,947	512,072	507,864	503,812	499,761	495,907	491,820	487,732	483,645	479,558	475,471	5,981,616
	16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	157,034	156,748	156,636	156,539	156,451	155,720	156,117	156,294	156,557	156,535	156,286	154,412	1,875,329
	17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	7,680	8,799	8,403	9,306	10,665	11,448	11,682	11,889	18,523	25,699	27,813	30,855	182,766
	17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion -	1,441,130	1,441,351	1,440,184	1,438,515	1,436,455	1,434,657	1,442,686	1,440,573	1,438,467	1,430,727	1,425,275	1,423,604	17,233,618
	17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	69,849	82,004	96,058	119,163	142,068	191,070	203,188	208,912	214,158	227,845	233,918	239,301	2,027,537
	18	Coal Combustion Residual (CCR) Rule - Demand	0	0	0	0	0	0	0	0	0	0	0	278	278
2	Total Investment Projects - Recoverable Costs		$2,561,361	$2,567,176	$2,568,564	$2,583,570	$2,599,014	$2,639,948	$2,655,825	$2,656,989	$2,660,048	$2,665,722	$2,661,439	$2,659,522	$31,479,175
3	Recoverable Costs Allocated to Energy		1,648,906	1,659,462	1,669,151	1,688,630	1,708,371	1,754,376	1,772,672	1,773,486	1,780,844	1,791,120	1,791,669	1,795,926	20,834,611
	Recoverable Costs Allocated to Distribution Demand		115	115	115	114	114	114	114	114	114	114	114	113	1,370
4	Recoverable Costs Allocated to Demand - Production - Base		65,583	65,578	65,637	65,835	66,051	66,131	66,601	71,228	71,128	71,007	70,888	71,046	816,708
	Recoverable Costs Allocated to Demand - Production - Intermediate		184,552	184,211	184,044	183,893	183,750	182,965	183,468	183,593	183,801	183,723	183,419	181,490	2,202,909
	Recoverable Costs Allocated to Demand - Production - Peaking		138,176	137,864	137,546	137,235	136,917	136,602	137,064	136,749	136,429	136,114	135,792	135,477	1,641,961
	Recoverable Costs Allocated to Demand - Production - Base (2012)		524,030	519,947	512,072	507,864	503,812	499,761	495,907	491,820	487,732	483,645	479,558	475,471	5,981,616
5	Retail Energy Jurisdictional Factor		0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
	Retail Distribution Demand Jurisdictional Factor		0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
6	Retail Demand Jurisdictional Factor - Production - Base		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Demand Jurisdictional Factor - Production - Intermediate		0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Demand Jurisdictional Factor - Production - Peaking		0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
	Retail Demand Jurisdictional Factor - Production - Base (2012)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
7	Jurisdictional Energy Recoverable Costs (C)		1,598,119	1,626,106	1,630,093	1,628,008	1,618,681	1,677,184	1,712,755	1,710,172	1,735,077	1,742,581	1,748,131	1,768,628	20,195,535
	Jurisdictional Demand Recoverable Costs - Distribution (C)		114	114	114	113	113	113	113	113	113	113	113	113	1,364
8	Jurisdictional Demand Recoverable Costs - Production - Base (D)		60,916	60,912	60,967	61,150	61,351	61,425	61,862	66,160	66,067	65,954	65,844	65,991	758,599
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (D)		134,175	133,927	133,806	133,696	133,592	133,021	133,387	133,478	133,629	133,572	133,351	131,949	1,601,581
	Jurisdictional Demand Recoverable Costs - Production - Peaking (D)		132,544	132,244	131,939	131,641	131,336	131,034	131,477	131,175	130,868	130,566	130,257	129,955	1,575,035
	Jurisdictional Demand Recoverable Costs - Production - Base (2012) (D)		480,446	476,703	469,483	465,625	461,910	458,196	454,662	450,915	447,167	443,420	439,673	435,926	5,484,125
9	Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)		$2,406,315	$2,430,007	$2,426,402	$2,420,234	$2,406,983	$2,460,973	$2,494,257	$2,492,013	$2,512,921	$2,516,206	$2,517,370	$2,532,560	$29,616,239

Notes:

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	$2,614,704	
3	Less: Accumulated Depreciation			(709,777)	(715,421)	(721,065)	(726,709)	(732,353)	(737,997)	(743,641)	(749,285)	(754,929)	(760,573)	(766,217)	(771,861)	(777,505)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$1,904,928	$1,899,283	$1,893,639	$1,887,995	$1,882,351	$1,876,707	$1,871,063	$1,865,419	$1,859,775	$1,854,131	$1,848,487	$1,842,843	$1,837,199	
6	Average Net Investment				$1,902,105	$1,896,461	$1,890,817	$1,885,173	$1,879,529	$1,873,885	$1,868,241	$1,862,597	$1,856,953	$1,851,309	$1,845,665	$1,840,021	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		3,170	3,161	3,151	3,142	3,133	3,123	3,154	3,145	3,135	3,126	3,116	3,107	37,663
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		13,109	13,070	13,031	12,992	12,953	12,915	12,976	12,937	12,898	12,859	12,819	12,780	155,339
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C)				5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	5,644	67,728
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)				2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	2,107	25,284
	e. Other (A)				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$24,030	$23,982	$23,933	$23,885	$23,837	$23,789	$23,881	$23,833	$23,784	$23,736	$23,686	$23,638	286,014
	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				$24,030	$23,982	$23,933	$23,885	$23,837	$23,789	$23,881	$23,833	$23,784	$23,736	$23,686	$23,638	286,014
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)				17,471	17,436	17,400	17,365	17,330	17,295	17,362	17,327	17,292	17,257	17,220	17,186	207,941
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$17,471	$17,436	$17,400	$17,365	$17,330	$17,295	$17,362	$17,327	$17,292	$17,257	$17,220	$17,186	$207,941

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$11,301,803	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	$11,301,804	
3	Less: Accumulated Depreciation			($2,407,191)	($2,440,403)	($2,473,629)	($2,506,855)	($2,540,081)	($2,573,306)	($2,606,532)	($2,639,758)	($2,672,983)	($2,706,209)	($2,739,435)	($2,772,660)	($2,805,886)	
4	CWIP - Non-Interest Bearing			(0)	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$8,894,613	$8,861,400	$8,828,174	$8,794,949	$8,761,723	$8,728,497	$8,695,272	$8,662,046	$8,628,820	$8,595,595	$8,562,369	$8,529,143	$8,495,917	
6	Average Net Investment				$8,878,006	$8,844,787	$8,811,562	$8,778,336	$8,745,110	$8,711,884	$8,678,659	$8,645,433	$8,612,207	$8,578,982	$8,545,756	$8,512,530	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		14,795	14,743	14,686	14,631	14,576	14,520	14,652	14,600	14,540	14,487	14,427	14,373	175,030
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		61,188	60,958	60,728	60,502	60,270	60,041	60,280	60,048	59,818	59,587	59,355	59,125	721,900
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C)				33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	33,226	398,708
	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)				9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	9,917	119,004
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$119,126	$118,844	$118,557	$118,276	$117,989	$117,704	$118,075	$117,791	$117,501	$117,217	$116,925	$116,641	1,414,642
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$119,126	$118,844	$118,557	$118,276	$117,989	$117,704	$118,075	$117,791	$117,501	$117,217	$116,925	$116,641	1,414,642
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)				114,270	114,000	113,724	113,455	113,179	112,906	113,262	112,990	112,711	112,439	112,159	111,886	1,356,982
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$114,270	$114,000	$113,724	$113,455	$113,179	$112,906	$113,262	$112,990	$112,711	$112,439	$112,159	$111,886	$1,356,982

Notes:
(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	$2,399,039	
3	Less: Accumulated Depreciation			136,385	133,353	130,321	127,289	124,257	121,225	118,193	115,161	112,129	109,097	106,065	103,033	100,001	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2+ 3 + 4)			$2,535,424	$2,532,392	$2,529,360	$2,526,328	$2,523,296	$2,520,264	$2,517,232	$2,514,200	$2,511,168	$2,508,136	$2,505,104	$2,502,072	$2,499,040	
6	Average Net Investment				$2,533,908	$2,530,876	$2,527,844	$2,524,812	$2,521,780	$2,518,748	$2,515,716	$2,512,684	$2,509,652	$2,506,620	$2,503,588	$2,500,556	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		4,224	4,218	4,213	4,208	4,203	4,198	4,248	4,243	4,238	4,232	4,227	4,222	50,674
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		17,464	17,443	17,421	17,401	17,380	17,359	17,473	17,453	17,431	17,410	17,390	17,368	208,993
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C)				3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	3,032	36,384
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)				341	341	341	341	341	341	341	341	341	341	341	341	4,092
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$25,061	$25,034	$25,007	$24,982	$24,956	$24,930	$25,094	$25,069	$25,042	$25,015	$24,990	$24,963	300,143
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$25,061	$25,034	$25,007	$24,982	$24,956	$24,930	$25,094	$25,069	$25,042	$25,015	$24,990	$24,963	300,143
10	Energy Jurisdictional Factor				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)				0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
13	Retail Demand-Related Recoverable Costs (F)				23,278	23,253	23,228	23,205	23,180	23,156	23,309	23,285	23,260	23,235	23,212	23,187	278,788
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$23,278	$23,253	$23,228	$23,205	$23,180	$23,156	$23,309	$23,285	$23,260	$23,235	$23,212	$23,187	$278,788

Notes:
(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 rate case Order PSC-10-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$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	
3	Less: Accumulated Depreciation			(53,886)	(54,411)	(54,936)	(55,461)	(55,986)	(56,511)	(57,036)	(57,561)	(58,086)	(58,611)	(59,136)	(59,661)	(60,186)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2+ 3 + 4)			$236,412	$235,887	$235,362	$234,837	$234,312	$233,787	$233,262	$232,737	$232,212	$231,687	$231,162	$230,637	$230,112	
6	Average Net Investment				$236,149	$235,624	$235,099	$234,574	$234,049	$233,524	$232,999	$232,474	$231,949	$231,424	$230,899	$230,374	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		394	393	392	391	390	389	393	393	392	391	390	389	4,697
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		1,628	1,624	1,620	1,617	1,613	1,609	1,618	1,615	1,611	1,607	1,604	1,600	19,366
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C)				525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)				191	191	191	191	191	191	191	191	191	191	191	191	2,292
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$2,738	$2,733	$2,728	$2,724	$2,719	$2,714	$2,727	$2,724	$2,719	$2,714	$2,710	$2,705	32,655
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$2,738	$2,733	$2,728	$2,724	$2,719	$2,714	$2,727	$2,724	$2,719	$2,714	$2,710	$2,705	32,655
10	Energy Jurisdictional Factor				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)				0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
13	Retail Demand-Related Recoverable Costs (F)				1,991	1,987	1,983	1,980	1,977	1,973	1,983	1,980	1,977	1,973	1,970	1,967	23,741
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$1,991	$1,987	$1,983	$1,980	$1,977	$1,973	$1,983	$1,980	$1,977	$1,973	$1,970	$1,967	$23,741

Notes:

(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Working Capital Dr (Cr)																
	a. 0158150 SO2 Emission Allowance Inventory			$3,551,712	$3,541,054	$3,528,463	$3,518,291	$3,507,286	$3,489,908	$3,468,236	$3,451,497	$3,439,828	$3,428,335	$3,417,029	$3,404,309	$3,398,224	$3,398,224
	b. 0254020 Auctioned SO2 Allowance			($238,548)	($219,021)	($199,495)	($179,969)	($160,622)	($141,079)	($121,537)	($101,994)	($82,452)	($62,910)	($43,367)	($23,825)	($4,282)	($4,282)
	c. 0158170 NOx Emission Allowance Inventory			$578,825	$1,981	$1,981	$0	$0	$0	$0	$0	$107,810	$38,358	$65,190	$65,190	$65,869	65,869
	d. Other NOX Reg Asset (F)			$10,310,625	$10,585,039	$10,282,610	$9,980,180	$9,677,750	$9,375,321	$9,072,891	$8,770,461	$8,468,032	$8,165,602	$7,863,172	$7,560,742	$7,258,313	7,258,313
2	Total Working Capital			$14,202,614	$13,909,053	$13,613,558	$13,318,503	$13,024,415	$12,724,150	$12,419,590	$12,119,964	$11,933,217	$11,569,385	$11,302,024	$11,006,416	$10,718,124	$10,718,124
3	Average Net Investment				$14,055,833	$13,761,306	$13,466,030	$13,171,459	$12,874,282	$12,571,870	$12,269,777	$12,026,590	$11,751,301	$11,435,704	$11,154,220	$10,862,270	
4	Return on Average Net Working Capital Balance (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		23,426	22,936	22,443	21,952	21,457	20,953	20,717	20,306	19,842	19,309	18,834	18,341	250,516
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		96,871	94,841	92,806	90,776	88,728	86,644	85,222	83,533	81,621	79,429	77,474	75,446	1,033,391
5	Total Return Component (B)				$120,297	$117,777	$115,249	$112,728	$110,185	$107,597	$105,939	$103,839	$101,463	$98,738	$96,308	$93,787	1,283,907
6	Expense Dr (Cr)																
	a. 0509030 SO_2 Allowance Expense				$10,658	$12,591	$10,172	$11,005	$17,378	$21,672	$16,739	$11,669	$11,493	$11,306	$12,720	$6,085	$153,488
	b. 0407426 Amortization Expense				($19,526)	($19,526)	($19,526)	($19,590)	($19,542)	($19,542)	($19,542)	($19,542)	($19,542)	($19,542)	($19,542)	($19,542)	(234,509)
	c. 0509212 NOx Allowance Expense				$0	$0	$1,981	$0	$0	$0	$0	$149,690	$160,452	$41,418	$0	($679)	352,862
	d. Other				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
7	Net Expense (C)				(8,868)	(6,935)	(7,374)	(8,585)	(2,165)	2,130	(2,803)	141,817	152,403	33,181	(6,822)	(14,137)	271,841
8	Amortization of NOx CAIR Emission Allowances (F)				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)				$413,858	$413,271	$410,305	$406,573	$410,450	$412,156	$405,566	$548,085	$556,296	$434,349	$391,916	$382,080	5,184,904
	a. Recoverable Costs Allocated to Energy				111,429	110,842	107,875	104,143	108,020	109,727	103,136	245,656	253,866	131,919	89,486	79,650	1,555,748
	b. Recoverable Costs Allocated to Demand				$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	$302,430	3,629,156
10	Energy Jurisdictional Factor				0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
11	NOx Regulatory Asset Energy Factor (12/2014) (F)				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 (D)				$107,997	$108,614	$105,351	$100,404	$102,349	$104,899	$99,650	$236,886	$247,341	$128,344	$87,311	$78,440	1,507,585
13	Retail Demand-Related Recoverable Costs (E)				$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)				$404,166	$404,783	$401,520	$396,573	$398,519	$401,068	$395,819	$533,055	$543,511	$424,513	$383,481	$374,609	$5,061,618

Notes:

(A) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(B) Line 5 is reported on Capital Schedule
(C) Line 7 is reported on O&M Schedule
(D) Line 9a x Line 10
(E) Line 9b x Line 11
(F) $10,889,450 ($578,825 Line 1c Beg Bal + $10,310,625 Line 1d Beg Bal) unusable NOx emission allowances due to 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. Commission approved this ammortization method in Order No. PSC-15-0536-FOF-EI.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
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Form 42-8A
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Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Return on Capital Investments, Depreciation and Taxes
For Project: CAIR/CAMR - Peaking (Project 7.2 - CT Emission Monitoring Systems)
(in Dollars)

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	$1,936,108	
3	Less: Accumulated Depreciation			(303,816)	(307,366)	(310,916)	(314,466)	(318,016)	(321,566)	(325,116)	(328,666)	(332,216)	(335,766)	(339,316)	(342,866)	(346,416)	
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)			$1,632,292	$1,628,742	$1,625,192	$1,621,642	$1,618,092	$1,614,542	$1,610,992	$1,607,442	$1,603,892	$1,600,342	$1,596,792	$1,593,242	$1,589,692	
6	Average Net Investment				$1,630,517	$1,626,967	$1,623,417	$1,619,867	$1,616,317	$1,612,767	$1,609,217	$1,605,667	$1,602,117	$1,598,567	$1,595,017	$1,591,467	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		2,718	2,712	2,706	2,700	2,694	2,688	2,717	2,711	2,705	2,699	2,693	2,687	32,430
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		11,237	11,213	11,188	11,164	11,139	11,115	11,177	11,152	11,128	11,103	11,079	11,054	133,749
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C) Varies				3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	42,600
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) Varies				1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	1,545	18,540
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$19,050	$19,020	$18,989	$18,959	$18,928	$18,898	$18,989	$18,958	$18,928	$18,897	$18,867	$18,836	227,319
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$19,050	$19,020	$18,989	$18,959	$18,928	$18,898	$18,989	$18,958	$18,928	$18,897	$18,867	$18,836	227,319
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)				18,274	18,245	18,215	18,186	18,156	18,128	18,215	18,185	18,156	18,127	18,098	18,068	218,053
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$18,274	$18,245	$18,215	$18,186	$18,156	$18,128	$18,215	$18,185	$18,156	$18,127	$18,098	$18,068	$218,053

Notes:
(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets placed inservice. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$6,058	$12,003	$21,452	$43,572	$26,097	$11,157	$2,889	$5,099	$0	$0	$0	$0	$128,328
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$2,127,144	$5,099	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$1,797,770	$1,797,770	$1,797,770	$1,797,770	$1,797,770	$1,797,770	$1,797,770	$3,924,914	$3,930,012	$3,930,012	$3,930,012	$3,930,012	$3,930,012	
3	Less: Accumulated Depreciation			(45,950)	(49,147)	(52,344)	(55,541)	(58,738)	(61,935)	(65,132)	(68,329)	(75,915)	(83,501)	(91,087)	(98,673)	(106,259)	
4	CWIP - AFUDC-Interest Bearing			2,003,914	2,009,972	2,021,975	2,043,427	2,087,000	2,113,097	2,124,254	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$3,755,735	$3,758,596	$3,767,402	$3,785,656	$3,826,032	$3,848,932	$3,856,893	$3,856,585	$3,854,098	$3,846,512	$3,838,926	$3,831,340	$3,823,754	
6	Average Net Investment				$3,757,165	$3,762,999	$3,776,529	$3,805,844	$3,837,482	$3,852,912	$3,856,739	$3,855,341	$3,850,305	$3,842,719	$3,835,133	$3,827,547	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		6,262	6,272	6,294	6,343	6,396	6,422	6,512	6,510	6,501	6,488	6,475	6,463	76,938
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		25,894	25,934	26,027	26,229	26,447	26,554	26,788	26,778	26,743	26,690	26,638	26,585	317,307
	c. Other (F)				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C)				3,197	3,197	3,197	3,197	3,197	3,197	3,197	7,586	7,586	7,586	7,586	7,586	60,309
	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)				255	255	255	255	255	255	255	558	558	558	558	558	4,575
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$35,608	$35,658	$35,773	$36,024	$36,295	$36,428	$36,752	$41,432	$41,388	$41,322	$41,257	$41,192	459,129
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$35,608	$35,658	$35,773	$36,024	$36,295	$36,428	$36,752	$41,432	$41,388	$41,322	$41,257	$41,192	459,129
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)				33,074	33,121	33,228	33,461	33,713	33,836	34,137	38,484	38,443	38,382	38,322	38,261	426,462
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$33,074	$33,121	$33,228	$33,461	$33,713	$33,836	$34,137	$38,484	$38,443	$38,382	$38,322	$38,261	$426,462

Notes:
(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Depreciation calculated only on assets placed in-service which appear in CAIR Crystal River section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Property taxes calculated only on assets placed in-service which appear in CAIR Crystal River section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Working Capital Dr (Cr)																
	a. 0154401 Ammonia Inventory			$358,058	$213,381	$145,932	$76,722	$185,870	$219,806	$269,526	$71,663	$78,924	$94,518	$48,160	$37,277	$11,276	11,276
	b. 0154200 Limestone Inventory			853,417	900,378	967,621	972,915	848,430	848,430	906,551	877,827	887,752	845,935	890,116	959,715	932,495	932,495
2	Total Working Capital			$1,211,475	1,113,760	1,113,553	1,049,637	1,034,300	1,068,236	1,176,077	949,490	966,676	940,453	938,276	996,992	943,771	943,771
3	Average Net Investment				1,162,618	1,113,656	1,081,595	1,041,969	1,051,268	1,122,157	1,062,784	958,083	953,564	939,365	967,634	970,381	
4	Return on Average Net Working Capital Balance (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		1,938	1,856	1,803	1,737	1,752	1,870	1,794	1,618	1,610	1,586	1,634	1,638	$20,836
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		8,013	7,675	7,454	7,181	7,245	7,734	7,382	6,655	6,623	6,525	6,721	6,740	85,947
5	Total Return Component (B)				9,950	9,531	9,257	8,918	8,997	9,604	9,176	8,272	8,233	8,111	8,355	8,378	106,783
6	Expense Dr (Cr)																
	a. 502030 Ammonia Expense				336,452	371,240	632,960	416,443	397,689	510,591	383,454	458,517	425,424	405,722	117,594	172,881	4,628,967
	b. 502040 Limestone Expense				224,414	276,877	461,037	487,554	547,044	432,768	445,564	454,571	443,658	430,312	144,361	175,575	4,523,735
	c. 502050 Dibasic Acid Expense				0	0	0	0	0	0	0	0	0	0	0	0	0
	d. 502070 Gypsum Disposal/Sale				44,201	116,724	(30,496)	70,071	(74,756)	(474,028)	(21,407)	442,614	52,342	99,373	215,118	346,603	786,359
	e. 502040 Hydrated Lime Expense				136,075	162,321	299,567	301,583	305,522	303,539	325,575	314,898	307,561	282,905	112,815	132,753	2,985,112
	f. 502300 Caustic Expense				720	3,186	14,024	0	17,140	20,257	8,960	0	0	0	0	0	64,289
7	Net Expense (C)				741,862	930,348	1,377,092	1,275,650	1,192,641	793,128	1,142,146	1,670,598	1,228,985	1,218,313	589,888	827,811	12,988,462
8	Total System Recoverable Expenses (Lines 5 + 7)				$751,812	$939,879	$1,386,349	$1,284,568	$1,201,638	$802,732	$1,151,323	$1,678,871	$1,237,218	$1,226,423	$598,242	$836,189	$13,095,245
	a. Recoverable Costs Allocated to Energy				751,812	939,879	1,386,349	1,284,568	1,201,638	802,732	1,151,323	1,678,871	1,237,218	1,226,423	598,242	836,189	$13,095,245
	b. Recoverable Costs Allocated to Demand				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9	Energy Jurisdictional Factor				0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
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)				$728,657	$920,988	$1,353,908	$1,238,452	$1,138,552	$767,412	$1,112,408	$1,618,935	$1,205,422	$1,193,187	$583,705	$823,479	$12,685,104
12	Retail Demand-Related Recoverable Costs (E)				0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)				$728,657	$920,988	$1,353,908	$1,238,452	$1,138,552	$767,412	$1,112,408	$1,618,935	$1,205,422	$1,193,187	$583,705	$823,479	$12,685,104

Notes:
(A) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(B) Line 5 is reported on Capital Schedule
(C) Line 7 is reported on O&M Schedule
(D) Line 8a x Line 9
(E) Line 8b x Line 10

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (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	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6	Average Net Investment			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	2.00%	2.03%		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Other				0	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) 0.8573%				0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
10	Energy Jurisdictional Factor				0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
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) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Depreciation calculated only on assets placed in-service which appear in NPDES section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Property taxes calculated only on assets placed in-service which appear in NPDES section of Capital Program Detail file. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Return on Capital Investments, Depreciation and Taxes
For Project: SEA TURTLE - COASTAL STREET LIGHTING - (Project 9)
(in Dollars)

Line	Description	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	$11,324	
3	Less: Accumulated Depreciation			(2,307)	(2,335)	(2,364)	(2,393)	(2,422)	(2,451)	(2,480)	(2,509)	(2,538)	(2,567)	(2,596)	(2,625)	(2,654)	
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)			$9,017	$8,989	$8,960	$8,931	$8,902	$8,873	$8,844	$8,815	$8,786	$8,757	$8,728	$8,699	$8,670	
6	Average Net Investment				$9,003	$8,975	$8,946	$8,917	$8,888	$8,859	$8,830	$8,801	$8,772	$8,743	$8,714	$8,685	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		15	15	15	15	15	15	15	15	15	15	15	15	180
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		62	62	62	61	61	61	61	61	61	61	61	60	734
	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	29	29	29	29	348
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.9035%				9	9	9	9	9	9	9	9	9	9	9	9	108
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$115	$115	$115	$114	$114	$114	$114	$114	$114	$114	$114	$113	1,370
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$115	$115	$115	$114	$114	$114	$114	$114	$114	$114	$114	$113	1,370
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)				114	114	114	113	113	113	113	113	113	113	113	113	1,364
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$114	$114	$114	$113	$113	$113	$113	$113	$113	$113	$113	$113	$1,364

Notes:
(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	$168,941	
3	Less: Accumulated Depreciation			(31,792)	(32,088)	(32,384)	(32,680)	(32,976)	(33,272)	(33,568)	(33,864)	(34,160)	(34,456)	(34,752)	(35,048)	(35,344)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$137,149	$136,853	$136,557	$136,261	$135,965	$135,669	$135,373	$135,077	$134,781	$134,485	$134,189	$133,893	$133,597	
6	Average Net Investment				$137,001	$136,705	$136,409	$136,113	$135,817	$135,521	$135,225	$134,929	$134,633	$134,337	$134,041	$133,745	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		228	228	227	227	226	226	228	228	227	227	226	226	2,724
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		944	942	940	938	936	934	939	937	935	933	931	929	11,238
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C) 2.1000%				296	296	296	296	296	296	296	296	296	296	296	296	3,552
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D) 0.8573%				121	121	121	121	121	121	121	121	121	121	121	121	1,452
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$1,589	$1,587	$1,584	$1,582	$1,579	$1,577	$1,584	$1,582	$1,579	$1,577	$1,574	$1,572	18,966
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$1,589	$1,587	$1,584	$1,582	$1,579	$1,577	$1,584	$1,582	$1,579	$1,577	$1,574	$1,572	18,966
10	Energy Jurisdictional Factor				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)				0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
13	Retail Demand-Related Recoverable Costs (F)				1,476	1,474	1,471	1,469	1,467	1,465	1,471	1,469	1,467	1,465	1,462	1,460	17,617
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$1,476	$1,474	$1,471	$1,469	$1,467	$1,465	$1,471	$1,469	$1,467	$1,465	$1,462	$1,460	$17,617

Notes:
(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Line 2 x rate x 1/12. Depreciation rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	$76,006	
3	Less: Accumulated Depreciation			(19,349)	(19,552)	(19,755)	(19,958)	(20,161)	(20,364)	(20,567)	(20,770)	(20,973)	(21,176)	(21,379)	(21,582)	(21,785)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$56,657	$56,454	$56,251	$56,048	$55,845	$55,642	$55,439	$55,236	$55,033	$54,830	$54,627	$54,424	$54,221	
6	Average Net Investment				$56,556	$56,353	$56,150	$55,947	$55,744	$55,541	$55,338	$55,135	$54,932	$54,729	$54,526	$54,323	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		94	94	94	93	93	93	93	93	93	92	92	92	1,116
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		390	388	387	386	384	383	384	383	382	380	379	377	4,603
	c. Other				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) 0.9890%				63	63	63	63	63	63	63	63	63	63	63	63	756
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$750	$748	$747	$745	$743	$742	$743	$742	$741	$738	$737	$735	8,911
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$750	$748	$747	$745	$743	$742	$743	$742	$741	$738	$737	$735	8,911
10	Energy Jurisdictional Factor				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Intermediate)				0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
12	Retail Energy-Related Recoverable Costs (E)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
13	Retail Demand-Related Recoverable Costs (F)				545	544	543	542	540	539	540	539	539	537	536	534	6,479
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$545	$544	$543	$542	$540	$539	$540	$539	$539	$537	$536	$534	$6,479

Notes:
(A) N/A
(B) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
(C) Line 2 x rate x 1/12. Depreciation Rate based on approved rates in Order PSC-10-0131-FOF-EI.
(D) Line 2 x rate x 1/12. Based on 2014 Effective Tax Rate on original cost.
(E) Line 9a x Line 10
(F) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)

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

Line	Description	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	($36,519)	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Regulatory Asset Balance			$6,201,355	$5,724,328	$5,247,301	$4,733,754	$4,260,379	$3,787,003	$3,313,628	$2,840,253	$2,366,877	$1,893,502	$1,420,126	$946,751	$473,375	
3	Less: Amortization (B)			(477,027)	(477,027)	(477,027)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	(473,375)	
4	CWIP - AFUDC Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$5,724,328	$5,247,301	$4,770,273	$4,260,379	$3,787,003	$3,313,628	$2,840,253	$2,366,877	$1,893,502	$1,420,126	$946,751	$473,375	($0)	
6	Average Net Investment				$5,485,814	$5,008,787	$4,515,326	$4,023,691	$3,550,316	$3,076,940	$2,603,565	$2,130,189	$1,656,814	$1,183,439	$710,063	$236,688	
7	Return on Average Net Investment (C)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		9,143	8,348	7,526	6,706	5,917	5,128	4,396	3,597	2,797	1,998	1,199	400	57,155
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		37,808	34,520	31,119	27,731	24,468	21,206	18,084	14,796	11,508	8,220	4,932	1,644	236,036
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)				477,027	477,027	473,375	473,375	473,375	473,375	473,375	473,375	473,375	473,375	473,375	473,375	5,687,809
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)				51	51	51	51	51	51	51	51	51	51	51	51	616
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$524,030	$519,947	$512,072	$507,864	$503,812	$499,761	$495,907	$491,820	$487,732	$483,645	$479,558	$475,471	5,981,616
	a. Recoverable Costs Allocated to Demand (2012)				524,030	519,947	512,072	507,864	503,812	499,761	495,907	491,820	487,732	483,645	479,558	475,471	5,981,616
	b. Recoverable Costs Allocated to Demand (2013)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
10	Demand Jurisdictional Factor - Production (Base) (2012) (E)				0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
11	Demand Jurisdictional Factor - Production (Base) (2013) (E)				0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Demand-Related Recoverable Costs (2012) (F)				$480,446	$476,703	$469,483	$465,625	$461,911	$458,197	$454,662	$450,915	$447,166	$443,419	$439,673	$435,926	5,484,126
13	Retail Demand-Related Recoverable Costs (2013) (G)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$480,446	$476,703	$469,483	$465,625	$461,911	$458,197	$454,662	$450,915	$447,166	$443,419	$439,673	$435,926	$5,484,126

Notes:

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Regulatory Asset Balance			$39,345	$36,319	$33,292	$30,266	$27,239	$24,213	$21,186	$18,159	$15,133	$12,106	$9,080	$6,053	$3,027	
3	Less: Amortization (B)			($3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	(3,027)	
4	CWIP - AFUDC Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$36,319	$33,292	$30,266	$27,239	$24,213	$21,186	$18,159	$15,133	$12,106	$9,080	$6,053	$3,027	($0)	
6	Average Net Investment				$34,806	$31,779	$28,752	$25,726	$22,699	$19,673	$16,646	$13,620	$10,593	$7,566	$4,540	$1,513	
7	Return on Average Net Investment (C)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		58	53	48	43	38	33	28	23	18	13	8	3	366
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		240	219	198	177	156	136	116	95	74	53	32	11	1,507
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (B)				3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	3,027	36,319
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)				0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$3,325	$3,299	$3,273	$3,247	$3,221	$3,196	$3,171	$3,145	$3,119	$3,093	$3,067	$3,041	38,192
	a. Recoverable Costs Allocated to Demand (2012)				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand (2013)				$3,325	$3,299	$3,273	$3,247	$3,221	$3,196	$3,171	$3,145	$3,119	$3,093	$3,067	$3,041	38,192
10	Demand Jurisdictional Factor - Production (Base) (2012) (E)				0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
11	Demand Jurisdictional Factor - Production (Base) (2013) (E)				0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Demand-Related Recoverable Costs (2012) (F)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
13	Retail Demand-Related Recoverable Costs (2013) (G)				3,088	3,064	3,040	3,016	2,991	2,968	2,945	2,921	2,897	2,873	2,848	2,824	35,475
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$3,088	$3,064	$3,040	$3,016	$2,991	$2,968	$2,945	$2,921	$2,897	$2,873	$2,848	$2,824	$35,475

Notes:
(A) N/A
(B) Investment amortized over three years in accordance with Order No. PSC-13-0381-PAA-EI.
(C) Jan - Jun 2015 Line 6 x 10.27% x 1/12. Jul - Dec 2015 Line 6 x 10.36% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.08% (Jan-Jun) or 5.12% (Jul-Dec), and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002).
See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
(D) N/A
(E) The POD project spend and revenue requirements associated with 2012 and prior activities are jurisdictionalized using the 2012 Production Base Demand separation factor.
The revenue requirements associated with the 2013 period and after are jurisdictionalized using the 2013 Production Base Demand separation factor.
(F) Line 9a x Line 10
(G) Line 9b x Line 11

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)
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Return on Capital Investments, Depreciation and Taxes
For Project: NPDES - Intermediate (Project 16)
(in Dollars)

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		($35,679)	$22,117	$12,770	$19,778	$17,268	($62,938)	$1,710	$60,508	$39,798	$14,872	$0	($197,591)	($107,387)
	b. Clearings to Plant		($35,679)	$22,117	$12,770	$19,778	$17,268	($62,938)	$1,710	$60,508	$39,798	$14,872	$0	($197,591)	
	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	$12,949,257	$12,913,579	$12,935,695	$12,948,466	$12,968,244	$12,985,511	$12,922,573	$12,924,283	$12,984,791	$13,024,589	$13,039,461	$13,039,461	$12,841,870	
3	Less: Accumulated Depreciation	0	(35,871)	(71,803)	(107,771)	(143,794)	(179,865)	(215,761)	(251,661)	(287,730)	(323,909)	(360,129)	(396,349)	(432,021)	
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)	$12,949,257	$12,877,708	$12,863,892	$12,840,695	$12,824,450	$12,805,646	$12,706,812	$12,672,622	$12,697,061	$12,700,680	$12,679,332	$12,643,112	$12,409,849	
6	Average Net Investment		$12,913,482	$12,870,800	$12,852,293	$12,832,572	$12,815,048	$12,756,229	$12,689,717	$12,684,842	$12,698,871	$12,690,006	$12,661,222	$12,526,481	
7	Return on Average Net Investment (B) Jan-Jun Jul-Dec														
	a. Debt Component 2.00% 2.03%		21,522	21,451	21,420	21,388	21,358	21,260	21,426	21,418	21,442	21,427	21,378	21,151	256,641
	b. Equity Component Grossed Up For Taxes 8.27% 8.33%		88,998	88,704	88,576	88,440	88,320	87,914	88,139	88,105	88,202	88,141	87,941	87,005	1,058,485
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 3.3333%		35,871	35,932	35,968	36,023	36,071	35,896	35,900	36,069	36,179	36,220	36,220	35,672	432,021
	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) 0.9890%		10,643	10,661	10,672	10,688	10,702	10,650	10,652	10,702	10,734	10,747	10,747	10,584	128,182
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		$157,034	$156,748	$156,636	$156,539	$156,451	$155,720	$156,117	$156,294	$156,557	$156,535	$156,286	$154,412	1,875,329
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		$157,034	$156,748	$156,636	$156,539	$156,451	$155,720	$156,117	$156,294	$156,557	$156,535	$156,286	$154,412	1,875,329
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)		114,168	113,960	113,879	113,809	113,745	113,213	113,502	113,630	113,822	113,806	113,625	112,262	1,363,420
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$114,168	$113,960	$113,879	$113,809	$113,745	$113,213	$113,502	$113,630	$113,822	$113,806	$113,625	$112,262	$1,363,420

Notes:

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$30,431	$9,608	$32,461	$199,244	$82,915	$102,779	($66,444)	$117,178	$1,422,836	$242,552	$250,322	$131,298	$2,555,181
	b. Clearings to Plant				$497,491	$6,929	$16,452	$46,672	$909	$0	$0	$0	$0	$0	$644,650	$1,904,038	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$263,323	$760,814	$767,743	$784,195	$830,867	$831,776	$831,776	$831,776	$831,776	$831,776	$831,776	$1,476,425	$3,380,463	
3	Less: Accumulated Depreciation			(11,075)	(11,621)	(13,053)	(14,514)	(15,905)	(17,449)	(18,993)	(20,537)	(22,081)	(23,625)	(25,169)	(26,713)	(29,565)	
4	CWIP - Non-Interest Bearing			561,960	94,901	97,579	113,589	266,161	348,167	450,946	384,502	501,680	1,924,515	2,167,068	1,772,740	0	
5	Net Investment (Lines 2 + 3 + 4)			$814,208	$844,094	$852,270	$883,270	$1,081,122	$1,162,494	$1,263,728	$1,195,740	$1,311,374	$2,732,666	$2,973,674	$3,222,452	$3,350,898	
6	Average Net Investment				$829,151	$848,182	$867,770	$982,196	$1,121,808	$1,213,111	$1,229,734	$1,253,557	$2,022,020	$2,853,170	$3,098,063	$3,286,675	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		1,381	1,412	1,446	1,636	1,869	2,022	2,076	2,116	3,414	4,817	5,230	5,550	32,969
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		5,715	5,846	5,981	6,768	7,731	8,361	8,541	8,708	14,044	19,817	21,518	22,827	135,857
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C) Blended				546	1,432	1,461	1,391	1,544	1,544	1,544	1,544	1,544	1,544	1,544	2,852	18,490
	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) 0.1703%				38	109	112	108	118	118	118	118	118	118	118	223	1,416
	e. Other (E)				0	0	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(597)	(5,967)
9	Total System Recoverable Expenses (Lines 7 + 8)				$7,680	$8,799	$8,403	$9,306	$10,665	$11,448	$11,682	$11,889	$18,523	$25,699	$27,813	$30,855	182,766
	a. Recoverable Costs Allocated to Energy				7,680	8,799	8,403	9,306	10,665	11,448	11,682	11,889	18,523	25,699	27,813	30,855	182,766
	b. Recoverable Costs Allocated to Demand				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
10	Energy Jurisdictional Factor				0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
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)				$7,443	$8,622	$8,207	$8,972	$10,105	$10,945	$11,287	$11,465	$18,047	$25,003	$27,137	$30,386	177,621
13	Retail Demand-Related Recoverable Costs (G)				0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$7,443	$8,622	$8,207	$8,972	$10,105	$10,945	$11,287	$11,465	$18,047	$25,003	$27,137	$30,386	$177,621

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$204,857	$211,629	$1,865	$60,882	($34,562)	$64,739	($1,590)	$0	$0	($830,945)	$33,486	$40,876	($248,763)
	b. Clearings to Plant				$204,857	$211,629	$1,865	$60,882	($34,562)	$64,739	($1,590)	$0	$0	($830,945)	$33,486	$40,876	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other - AFUDC (A)				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$134,240,865	$134,445,722	$134,657,351	$134,659,216	$134,720,098	$134,685,536	$134,750,275	$134,748,685	$134,748,685	$134,748,685	$133,917,740	$133,951,226	$133,992,101	
3	Less: Accumulated Depreciation			(2,898,694)	(3,142,063)	(3,385,816)	(3,629,572)	(3,873,438)	(4,117,242)	(4,361,163)	(4,605,081)	(4,848,999)	(5,092,917)	(5,335,330)	(5,577,804)	(5,820,352)	
4	CWIP - AFUDC Bearing			(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	
5	Net Investment (Lines 2 + 3 + 4)			$131,342,171	$131,303,660	$131,271,535	$131,029,645	$130,846,660	$130,568,295	$130,389,112	$130,143,605	$129,899,687	$129,655,769	$128,582,410	$128,373,422	$128,171,750	
6	Average Net Investment				$131,322,915	$131,287,598	$131,150,590	$130,938,152	$130,707,478	$130,478,704	$130,266,358	$130,021,646	$129,777,728	$129,119,089	$128,477,916	$128,272,586	
7	Return on Average Net Investment (B)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		218,872	218,813	218,585	218,231	217,846	217,465	219,950	219,536	219,125	218,013	216,930	216,584	2,619,950
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		905,061	904,817	903,874	902,409	900,819	899,242	904,790	903,091	901,396	896,821	892,369	890,943	10,805,632
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation (C) 2.1722%				243,369	243,753	243,756	243,866	243,804	243,921	243,918	243,918	243,918	242,413	242,474	242,548	2,921,658
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				0	0	0	0	0	0	0	0	0	0	0	0	N/A
	d. Property Taxes (D) 0.7910%				88,622	88,762	88,763	88,803	88,780	88,823	88,822	88,822	88,822	88,274	88,296	88,323	1,063,912
	e. Other (E)				(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(177,534)
9	Total System Recoverable Expenses (Lines 7 + 8)				$1,441,130	$1,441,351	$1,440,184	$1,438,515	$1,436,455	$1,434,657	$1,442,686	$1,440,573	$1,438,467	$1,430,727	$1,425,275	$1,423,604	17,233,618
	a. Recoverable Costs Allocated to Energy				1,441,130	1,441,351	1,440,184	1,438,515	1,436,455	1,434,657	1,442,686	1,440,573	1,438,467	1,430,727	1,425,275	1,423,604	17,233,618
	b. Recoverable Costs Allocated to Demand				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
10	Energy Jurisdictional Factor				0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
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)				$1,396,743	$1,412,379	$1,406,483	$1,386,872	$1,361,041	$1,371,532	$1,393,923	$1,389,144	$1,401,498	$1,391,954	$1,390,640	$1,401,965	16,704,173
13	Retail Demand-Related Recoverable Costs (G)				0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)				$1,396,743	$1,412,379	$1,406,483	$1,386,872	$1,361,041	$1,371,532	$1,393,923	$1,389,144	$1,401,498	$1,391,954	$1,390,640	$1,401,965	$16,704,173

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

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

Line	Description	Rate	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$370,429	$654,647	$2,928,591	$2,543,601	$2,847,982	$979,605	$962,095	$230,108	$651,253	$1,645,836	$68,608	$1,261,253	$15,144,008
	b. Clearings to Plant					$2,459,343	$26,871	$98,322	($43,556)	$9,469,173	$869,334	$920,527	$185,855	$579,357	$1,325,947	($249,221)	$738,308	
	c. Retirements					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other - AFUDC (A)					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base				$3,854,841	$6,314,184	$6,341,055	$6,439,376	$6,395,820	$15,864,993	$16,734,327	$17,654,854	$17,840,709	$18,420,066	$19,746,013	$19,496,791	$20,235,099	
3	Less: Accumulated Depreciation				(16,418)	(28,416)	(47,969)	(67,825)	(87,547)	(107,269)	(158,470)	(212,424)	(267,380)	(324,176)	(385,060)	(445,175)	(505,446)	
4	CWIP - Non-Interest Bearing				3,741,848	1,652,934	2,280,710	5,110,980	7,698,138	1,076,945	1,187,216	1,228,785	1,273,038	1,344,933	1,664,823	1,982,652	2,505,597	
5	Net Investment (Lines 2 + 3 + 4)				$7,580,272	$7,938,703	$8,573,796	$11,482,532	$14,006,411	$16,834,669	$17,763,073	$18,671,214	$18,846,367	$19,440,823	$21,025,775	$21,034,269	$22,235,250	
6	Average Net Investment					$7,759,487	$8,256,249	$10,028,164	$12,744,471	$15,420,540	$17,298,871	$18,217,144	$18,758,790	$19,143,595	$20,233,299	$21,030,022	$21,634,760	
7	Return on Average Net Investment (B)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		12,933	13,761	16,714	21,240	25,701	28,831	30,759	31,674	32,323	34,165	35,510	36,531	320,142
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		53,477	56,901	69,114	87,833	106,277	119,221	126,532	130,293	132,966	140,534	146,067	150,265	1,319,480
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation (C)	3.7000%				11,998	19,553	19,856	19,722	19,722	51,201	53,954	54,956	56,796	60,884	60,115	60,271	489,028
	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)	0.1703%				552	900	914	908	908	2,357	2,483	2,529	2,613	2,802	2,766	2,774	22,506
	e. Other (E)					(9,111)	(9,111)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(10,540)	(123,619)
9	Total System Recoverable Expenses (Lines 7 + 8)					$69,849	$82,004	$96,058	$119,163	$142,068	$191,070	$203,188	$208,912	$214,158	$227,845	$233,918	$239,301	2,027,537
	a. Recoverable Costs Allocated to Energy					69,849	82,004	96,058	119,163	142,068	191,070	203,188	208,912	214,158	227,845	233,918	239,301	2,027,537
	b. Recoverable Costs Allocated to Demand					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	0
10	Energy Jurisdictional Factor					0.96920	0.97990	0.97660	0.96410	0.94750	0.95600	0.96620	0.96430	0.97430	0.97290	0.97570	0.98480	
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)					$67,697	$80,355	$93,811	$114,885	$134,610	$182,663	$196,321	$201,454	$208,655	$221,671	$228,234	$235,664	1,966,020
13	Retail Demand-Related Recoverable Costs (G)					0	0	0	0	0	0	0	0	0	0	0	0	0
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)					$67,697	$80,355	$93,811	$114,885	$134,610	$182,663	$196,321	$201,454	$208,655	$221,671	$228,234	$235,664	$1,966,020

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

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

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

Line	Description	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments														
	a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$64,430	$64,430
	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	0	0	64,430	
5	Net Investment (Lines 2 + 3 + 4)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$64,430	
6	Average Net Investment		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$32,215	
7	Return on Average Net Investment (B) — Jan-Jun / Jul-Dec														
	a. Debt Component — 2.00% / 2.03%		0	0	0	0	0	0	0	0	0	0	0	54	54
	b. Equity Component Grossed Up For Taxes — 8.27% / 8.33%		0	0	0	0	0	0	0	0	0	0	0	224	224
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.4700%		0	0	0	0	0	0	0	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) 0.1703%		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	$278	278
	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	$278	278
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 (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	258	258
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$258	$258

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Final True-Up
January 2015 - December 2015

Capital Structure and Cost Rates

Form 42-9A

Docket No. 160007-EI
Duke Energy Florida
Witness: C. A. Menendez
Exh. No. __ (CAM-1)

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	$ 4,101,842	48.36%	0.10500	5.080%	8.270%
PS	-	0.00%	0.00000	0.000%	0.000%
LTD	3,174,547	37.42%	0.05216	1.950%	1.950%
STD	79,303	0.93%	0.01220	0.010%	0.010%
CD-Active	157,817	1.86%	0.02254	0.040%	0.040%
CD-Inactive	1,181	0.01%	0.00000	0.000%	0.000%
ADIT	1,114,885	13.14%	0.00000	0.000%	0.000%
FAS 109	(148,097)	-1.75%	0.00000	0.000%	0.000%
ITC	1,246	0.01%	0.00000	0.000%	0.000%
Total	$ 8,482,724	100.00%		7.080%	10.270%
			Total Debt	2.000%	2.000%
			Total Equity	5.080%	8.270%

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

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause
Capital Program Detail

January 2015 - December 2015
Final True-Up
Docket No. 160007-EI

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
Pipeline Intergrity Management (Project 3 Recap)

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	$33,952	
3	Less: Accumulated Depreciation			(8,701)	(8,754)	(8,807)	(8,860)	(8,913)	(8,966)	(9,019)	(9,072)	(9,125)	(9,178)	(9,231)	(9,284)	(9,337)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$25,252	$25,199	$25,146	$25,093	$25,040	$24,987	$24,934	$24,881	$24,828	$24,775	$24,722	$24,669	$24,616	
6	Average Net Investment				25,225	25,172	25,119	25,066	25,013	24,960	24,907	24,854	24,801	24,748	24,695	24,642	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		42	42	42	42	42	42	42	42	42	42	42	42	504
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		174	173	173	173	172	172	173	173	172	172	172	171	2,070
	c. Other				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 0.009672				27	27	27	27	27	27	27	27	27	27	27	27	324
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$296	$295	$295	$295	$294	$294	$295	$295	$294	$294	$294	$293	$3,534
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$296	$295	$295	$295	$294	$294	$295	$295	$294	$294	$294	$293	$3,534

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	$1,536,272	
3	Less: Accumulated Depreciation			(532,137)	(535,412)	(538,687)	(541,962)	(545,237)	(548,512)	(551,787)	(555,062)	(558,337)	(561,612)	(564,887)	(568,162)	(571,437)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$1,004,135	$1,000,860	$997,585	$994,310	$991,035	$987,760	$984,485	$981,210	$977,935	$974,660	$971,385	$968,110	$964,835	
6	Average Net Investment				1,002,498	999,223	995,948	992,673	989,398	986,123	982,848	979,573	976,298	973,023	969,748	966,473	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		1,671	1,665	1,660	1,654	1,649	1,644	1,660	1,654	1,648	1,643	1,637	1,632	19,817
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		6,909	6,887	6,864	6,841	6,819	6,796	6,827	6,804	6,781	6,758	6,736	6,713	81,735
	c. Other				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	3,275	3,275	3,275	3,275	39,300
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.009672				1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	1,238	14,856
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$13,093	$13,065	$13,037	$13,008	$12,981	$12,953	$13,000	$12,971	$12,942	$12,914	$12,886	$12,858	$155,708
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$13,093	$13,065	$13,037	$13,008	$12,981	$12,953	$13,000	$12,971	$12,942	$12,914	$12,886	$12,858	$155,708

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
Pipeline Intergrity Management (Project 3 Recap)

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	$909,407	
3	Less: Accumulated Depreciation			(155,140)	(157,078)	(159,016)	(160,954)	(162,892)	(164,830)	(166,768)	(168,706)	(170,644)	(172,582)	(174,520)	(176,458)	(178,396)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$754,267	$752,328	$750,390	$748,452	$746,514	$744,576	$742,638	$740,700	$738,762	$736,824	$734,886	$732,948	$731,010	
6	Average Net Investment				753,298	751,359	749,421	747,483	745,545	743,607	741,669	739,731	737,793	735,855	733,917	731,979	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		1,255	1,252	1,249	1,246	1,243	1,239	1,252	1,249	1,246	1,242	1,239	1,236	14,948
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		5,192	5,178	5,165	5,152	5,138	5,125	5,151	5,138	5,124	5,111	5,098	5,084	61,656
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 2.5579%				1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	1,938	23,256
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.009672				733	733	733	733	733	733	733	733	733	733	733	733	8,796
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$9,118	$9,101	$9,085	$9,069	$9,052	$9,035	$9,074	$9,058	$9,041	$9,024	$9,008	$8,991	$108,656
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$9,118	$9,101	$9,085	$9,069	$9,052	$9,035	$9,074	$9,058	$9,041	$9,024	$9,008	$8,991	$108,656

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	$135,074	
3	Less: Accumulated Depreciation			(13,800)	(14,178)	(14,556)	(14,934)	(15,312)	(15,690)	(16,068)	(16,446)	(16,824)	(17,202)	(17,580)	(17,958)	(18,336)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$121,274	$120,896	$120,518	$120,140	$119,762	$119,384	$119,006	$118,628	$118,250	$117,872	$117,494	$117,116	$116,738	
6	Average Net Investment				121,085	120,707	120,329	119,951	119,573	119,195	118,817	118,439	118,061	117,683	117,305	116,927	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		202	201	201	200	199	199	201	200	199	199	198	197	2,396
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		835	832	829	827	824	821	825	823	820	817	815	812	9,880
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 3.3596%				378	378	378	378	378	378	378	378	378	378	378	378	4,536
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.009672				109	109	109	109	109	109	109	109	109	109	109	109	1,308
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$1,524	$1,520	$1,517	$1,514	$1,510	$1,507	$1,513	$1,510	$1,506	$1,503	$1,500	$1,496	$18,120
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$1,524	$1,520	$1,517	$1,514	$1,510	$1,507	$1,513	$1,510	$1,506	$1,503	$1,500	$1,496	$18,120

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
Above Ground Tank Secondary Containment (Projects 4.1 - 4.3 Recap)

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

Line	Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	$2,066,600	
3	Less: Accumulated Depreciation				(343,767)	(348,925)	(354,083)	(359,241)	(364,399)	(369,557)	(374,715)	(379,873)	(385,031)	(390,189)	(395,347)	(400,505)	(405,663)	
4	CWIP - Non-Interest Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)				$1,722,833	$1,717,675	$1,712,517	$1,707,359	$1,702,201	$1,697,043	$1,691,885	$1,686,727	$1,681,569	$1,676,411	$1,671,253	$1,666,095	$1,660,937	
6	Average Net Investment					1,720,254	1,715,096	1,709,938	1,704,780	1,699,622	1,694,464	1,689,306	1,684,148	1,678,990	1,673,832	1,668,674	1,663,516	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		2,867	2,858	2,850	2,841	2,833	2,824	2,852	2,844	2,835	2,826	2,817	2,809	34,056
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		11,856	11,820	11,785	11,749	11,714	11,678	11,733	11,698	11,662	11,626	11,590	11,554	140,465
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation	Blended				5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	5,158	61,896
	b. Amortization					0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.011680				2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	2,011	24,132
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$21,892	$21,847	$21,804	$21,759	$21,716	$21,671	$21,754	$21,711	$21,666	$21,621	$21,576	$21,532	$260,549
	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					$21,892	$21,847	$21,804	$21,759	$21,716	$21,671	$21,754	$21,711	$21,666	$21,621	$21,576	$21,532	$260,549

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

Line	Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	$1,473,801	
3	Less: Accumulated Depreciation				(248,313)	(251,998)	(255,682)	(259,367)	(263,051)	(266,736)	(270,420)	(274,105)	(277,789)	(281,474)	(285,158)	(288,843)	(292,527)	
4	CWIP - Non-Interest Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)				$1,225,488	$1,221,803	$1,218,119	$1,214,434	$1,210,750	$1,207,065	$1,203,381	$1,199,696	$1,196,012	$1,192,327	$1,188,643	$1,184,958	$1,181,274	
6	Average Net Investment					1,223,646	1,219,961	1,216,277	1,212,592	1,208,908	1,205,223	1,201,539	1,197,854	1,194,170	1,190,485	1,186,801	1,183,116	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		2,039	2,033	2,027	2,021	2,015	2,009	2,029	2,023	2,016	2,010	2,004	1,998	24,224
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		8,433	8,408	8,382	8,357	8,332	8,306	8,346	8,320	8,294	8,269	8,243	8,218	99,908
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation	3.0000%				3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	3,685	44,220
	b. Amortization					0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009890				1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	14,580
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$15,372	$15,341	$15,309	$15,278	$15,247	$15,215	$15,275	$15,243	$15,210	$15,179	$15,147	$15,116	$182,932
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$15,372	$15,341	$15,309	$15,278	$15,247	$15,215	$15,275	$15,243	$15,210	$15,179	$15,147	$15,116	$182,932

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
Above Ground Tank Secondary Containment (Projects 4.1 - 4.3 Recap)

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

Line	Description	Rate	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	$1,661,664	
3	Less: Accumulated Depreciation				(724,463)	(733,602)	(742,741)	(751,880)	(761,019)	(770,158)	(779,297)	(788,436)	(797,575)	(806,714)	(815,853)	(824,992)	(834,131)	
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)				$937,201	$928,062	$918,923	$909,784	$900,645	$891,506	$882,367	$873,228	$864,089	$854,950	$845,811	$836,672	$827,533	
6	Average Net Investment					932,632	923,493	914,354	905,215	896,076	886,937	877,798	868,659	859,520	850,381	841,242	832,103	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		1,554	1,539	1,524	1,509	1,493	1,478	1,482	1,467	1,451	1,436	1,420	1,405	17,758
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		6,428	6,365	6,302	6,239	6,176	6,113	6,097	6,033	5,970	5,906	5,843	5,780	73,252
	c. Other					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	0.008700				1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	1,205	14,460
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$18,326	$18,248	$18,170	$18,092	$18,013	$17,935	$17,923	$17,844	$17,765	$17,686	$17,607	$17,529	$215,138
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$18,326	$18,248	$18,170	$18,092	$18,013	$17,935	$17,923	$17,844	$17,765	$17,686	$17,607	$17,529	$215,138

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

Line	Description	Rate	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	$178,938	
3	Less: Accumulated Depreciation				(64,121)	(64,837)	(65,553)	(66,269)	(66,985)	(67,701)	(68,417)	(69,133)	(69,849)	(70,565)	(71,281)	(71,997)	(72,713)	
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)				$114,817	$114,101	$113,385	$112,669	$111,953	$111,237	$110,521	$109,805	$109,089	$108,373	$107,657	$106,941	$106,225	
6	Average Net Investment					114,459	113,743	113,027	112,311	111,595	110,879	110,163	109,447	108,731	108,015	107,299	106,583	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		191	190	188	187	186	185	186	185	184	182	181	180	2,225
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		789	784	779	774	769	764	765	760	755	750	745	740	9,174
	c. Other					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	0.009380				140	140	140	140	140	140	140	140	140	140	140	140	1,680
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$1,836	$1,830	$1,823	$1,817	$1,811	$1,805	$1,807	$1,801	$1,795	$1,788	$1,782	$1,776	$21,671
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$1,836	$1,830	$1,823	$1,817	$1,811	$1,805	$1,807	$1,801	$1,795	$1,788	$1,782	$1,776	$21,671

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
Above Ground Tank Secondary Containment (Projects 4.1 - 4.3 Recap)

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	$730,295	
3	Less: Accumulated Depreciation			(155,012)	(156,839)	(158,661)	(160,484)	(162,306)	(164,128)	(165,950)	(167,772)	(169,595)	(171,417)	(173,239)	(175,061)	(176,883)	
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)			$575,283	$573,456	$571,634	$569,812	$567,990	$566,167	$564,345	$562,523	$560,701	$558,879	$557,056	$555,234	$553,412	
6	Average Net Investment				574,370	572,545	570,723	568,901	567,078	565,256	563,434	561,612	559,790	557,967	556,145	554,323	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		957	954	951	948	945	942	951	948	945	942	939	936	11,358
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		3,958	3,946	3,933	3,921	3,908	3,896	3,913	3,901	3,888	3,875	3,863	3,850	46,852
	c. Other				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	0.009890			602	602	602	602	602	602	602	602	602	602	602	602	7,224
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$7,339	$7,324	$7,308	$7,293	$7,277	$7,262	$7,288	$7,273	$7,257	$7,241	$7,226	$7,210	$87,298
	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				$7,339	$7,324	$7,308	$7,293	$7,277	$7,262	$7,288	$7,273	$7,257	$7,241	$7,226	$7,210	$87,298

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	$1,037,199	
3	Less: Accumulated Depreciation			(255,480)	(258,332)	(261,184)	(264,036)	(266,888)	(269,740)	(272,592)	(275,444)	(278,296)	(281,148)	(284,000)	(286,852)	(289,704)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$781,719	$778,867	$776,015	$773,163	$770,311	$767,459	$764,607	$761,755	$758,903	$756,051	$753,199	$750,347	$747,495	
6	Average Net Investment				780,293	777,441	774,589	771,737	768,885	766,033	763,181	760,329	757,477	754,625	751,773	748,921	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		1,300	1,296	1,291	1,286	1,281	1,277	1,289	1,284	1,279	1,274	1,269	1,265	15,391
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		5,378	5,358	5,338	5,319	5,299	5,279	5,301	5,281	5,261	5,241	5,222	5,202	63,479
	c. Other				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	0.008630			746	746	746	746	746	746	746	746	746	746	746	746	8,952
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$10,276	$10,252	$10,227	$10,203	$10,178	$10,154	$10,188	$10,163	$10,138	$10,113	$10,089	$10,065	$122,046
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$10,276	$10,252	$10,227	$10,203	$10,178	$10,154	$10,188	$10,163	$10,138	$10,113	$10,089	$10,065	$122,046

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
Above Ground Tank Secondary Containment (Projects 4.1 - 4.3 Recap)

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	$3,616,904	
3	Less: Accumulated Depreciation			(445,934)	(453,770)	(461,606)	(469,442)	(477,278)	(485,114)	(492,950)	(500,786)	(508,622)	(516,458)	(524,294)	(532,130)	(539,966)	
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)			$3,170,970	$3,163,134	$3,155,298	$3,147,462	$3,139,626	$3,131,790	$3,123,954	$3,116,118	$3,108,282	$3,100,446	$3,092,610	$3,084,774	$3,076,938	
6	Average Net Investment				3,167,052	3,159,216	3,151,380	3,143,544	3,135,708	3,127,872	3,120,036	3,112,200	3,104,364	3,096,528	3,088,692	3,080,856	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		5,278	5,265	5,252	5,239	5,226	5,213	5,268	5,255	5,242	5,228	5,215	5,202	62,883
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		21,827	21,773	21,719	21,665	21,611	21,557	21,671	21,616	21,562	21,508	21,453	21,399	259,361
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 2.6000%				$7,836	$7,836	$7,836	$7,836	$7,836	$7,836	$7,836	$7,836	$7,836	$7,836	$7,836	$7,836	94,032
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.011680				3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	3,520	42,240
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$38,461	$38,394	$38,327	$38,260	$38,193	$38,126	$38,295	$38,227	$38,160	$38,092	$38,024	$37,957	$458,516
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$38,461	$38,394	$38,327	$38,260	$38,193	$38,126	$38,295	$38,227	$38,160	$38,092	$38,024	$37,957	$458,516

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	$141,435	
3	Less: Accumulated Depreciation			(51,666)	(51,907)	(52,148)	(52,389)	(52,630)	(52,871)	(53,112)	(53,353)	(53,594)	(53,835)	(54,076)	(54,317)	(54,558)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$89,768	$89,527	$89,286	$89,045	$88,804	$88,563	$88,322	$88,081	$87,840	$87,599	$87,358	$87,117	$86,876	
6	Average Net Investment				89,648	89,407	89,166	88,925	88,684	88,443	88,202	87,961	87,720	87,479	87,238	86,997	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		149	149	149	148	148	147	149	149	148	148	147	147	1,778
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		618	616	615	613	611	610	613	611	609	608	606	604	7,334
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 2.0482%				241	241	241	241	241	241	241	241	241	241	241	241	2,892
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.012880				152	152	152	152	152	152	152	152	152	152	152	152	1,824
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$1,160	$1,158	$1,157	$1,154	$1,152	$1,150	$1,155	$1,153	$1,150	$1,149	$1,146	$1,144	$13,828
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$1,160	$1,158	$1,157	$1,154	$1,152	$1,150	$1,155	$1,153	$1,150	$1,149	$1,146	$1,144	$13,828

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

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	$394,968	
3	Less: Accumulated Depreciation			(118,416)	(120,193)	(121,970)	(123,747)	(125,524)	(127,301)	(129,078)	(130,855)	(132,632)	(134,409)	(136,186)	(137,963)	(139,740)	
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)			$276,552	$274,775	$272,998	$271,221	$269,444	$267,667	$265,890	$264,113	$262,336	$260,559	$258,782	$257,005	$255,228	
6	Average Net Investment				275,663	273,886	272,109	270,332	268,555	266,778	265,001	263,224	261,447	259,670	257,893	256,116	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		459	456	454	451	448	445	447	444	441	438	435	432	5,350
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		1,900	1,888	1,875	1,863	1,851	1,839	1,841	1,828	1,816	1,804	1,791	1,779	22,075
	c. Other				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	0.009890			326	326	326	326	326	326	326	326	326	326	326	326	3,912
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$4,462	$4,447	$4,432	$4,417	$4,402	$4,387	$4,391	$4,375	$4,360	$4,345	$4,329	$4,314	$52,661
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$4,462	$4,447	$4,432	$4,417	$4,402	$4,387	$4,391	$4,375	$4,360	$4,345	$4,329	$4,314	$52,661

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	$33,092	
3	Less: Accumulated Depreciation			(14,667)	(14,769)	(14,871)	(14,973)	(15,075)	(15,177)	(15,279)	(15,381)	(15,483)	(15,585)	(15,687)	(15,789)	(15,891)	
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)			$18,425	$18,323	$18,221	$18,119	$18,017	$17,915	$17,813	$17,711	$17,609	$17,507	$17,405	$17,303	$17,201	
6	Average Net Investment				18,374	18,272	18,170	18,068	17,966	17,864	17,762	17,660	17,558	17,456	17,354	17,252	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		31	30	30	30	30	30	30	30	30	29	29	29	358
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		127	126	125	125	124	123	123	123	122	121	121	120	1,480
	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	0.001703			5	5	5	5	5	5	5	5	5	5	5	5	60
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$265	$263	$262	$262	$261	$260	$260	$260	$259	$257	$257	$256	$3,122
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$265	$263	$262	$262	$261	$260	$260	$260	$259	$257	$257	$256	$3,122

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

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	$2,365,947	
3	Less: Accumulated Depreciation			151,052	148,122	145,192	142,262	139,332	136,402	133,472	130,542	127,612	124,682	121,752	118,822	115,892	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$2,517,000	$2,514,069	$2,511,139	$2,508,209	$2,505,279	$2,502,349	$2,499,419	$2,496,489	$2,493,559	$2,490,629	$2,487,699	$2,484,769	$2,481,839	
6	Average Net Investment				2,515,535	2,512,604	2,509,674	2,506,744	2,503,814	2,500,884	2,497,954	2,495,024	2,492,094	2,489,164	2,486,234	2,483,304	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		4,193	4,188	4,183	4,178	4,173	4,168	4,218	4,213	4,208	4,203	4,198	4,193	50,316
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		17,337	17,317	17,296	17,276	17,256	17,236	17,350	17,330	17,309	17,289	17,269	17,248	207,513
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 1.4860%				2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	2,930	35,160
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.001703				336	336	336	336	336	336	336	336	336	336	336	336	4,032
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$24,796	$24,771	$24,745	$24,720	$24,695	$24,670	$24,834	$24,809	$24,783	$24,758	$24,733	$24,707	$297,021
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$24,796	$24,771	$24,745	$24,720	$24,695	$24,670	$24,834	$24,809	$24,783	$24,758	$24,733	$24,707	$297,021

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	$290,297	
3	Less: Accumulated Depreciation			(53,886)	(54,411)	(54,936)	(55,461)	(55,986)	(56,511)	(57,036)	(57,561)	(58,086)	(58,611)	(59,136)	(59,661)	(60,186)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$236,412	$235,887	$235,362	$234,837	$234,312	$233,787	$233,262	$232,737	$232,212	$231,687	$231,162	$230,637	$230,112	
6	Average Net Investment				236,149	235,624	235,099	234,574	234,049	233,524	232,999	232,474	231,949	231,424	230,899	230,374	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		394	393	392	391	390	389	393	393	392	391	390	389	4,697
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		1,628	1,624	1,620	1,617	1,613	1,609	1,618	1,615	1,611	1,607	1,604	1,600	19,366
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 2.1722%				525	525	525	525	525	525	525	525	525	525	525	525	6,300
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.007910				191	191	191	191	191	191	191	191	191	191	191	191	2,292
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$2,738	$2,733	$2,728	$2,724	$2,719	$2,714	$2,727	$2,724	$2,719	$2,714	$2,710	$2,705	$32,655
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$2,738	$2,733	$2,728	$2,724	$2,719	$2,714	$2,727	$2,724	$2,719	$2,714	$2,710	$2,705	$32,655

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
CAIR CTs (Project 7.2 Recap)

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	$161,754	
3	Less: Accumulated Depreciation			(28,793)	(29,197)	(29,601)	(30,005)	(30,409)	(30,813)	(31,217)	(31,621)	(32,025)	(32,429)	(32,833)	(33,237)	(33,641)	
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)			$132,961	$132,557	$132,153	$131,749	$131,345	$130,941	$130,537	$130,133	$129,729	$129,325	$128,921	$128,517	$128,113	
6	Average Net Investment				132,759	132,355	131,951	131,547	131,143	130,739	130,335	129,931	129,527	129,123	128,719	128,315	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		221	221	220	219	219	218	220	219	219	218	217	217	2,628
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		915	912	909	907	904	901	905	902	900	897	894	891	10,837
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 3.0000%				404	404	404	404	404	404	404	404	404	404	404	404	4,848
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.009380				126	126	126	126	126	126	126	126	126	126	126	126	1,512
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$1,666	$1,663	$1,659	$1,656	$1,653	$1,649	$1,655	$1,651	$1,649	$1,645	$1,641	$1,638	$19,825
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$1,666	$1,663	$1,659	$1,656	$1,653	$1,649	$1,655	$1,651	$1,649	$1,645	$1,641	$1,638	$19,825

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

Line	Description			Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	$275,347	
3	Less: Accumulated Depreciation			(40,969)	(41,327)	(41,685)	(42,043)	(42,401)	(42,759)	(43,117)	(43,475)	(43,833)	(44,191)	(44,549)	(44,907)	(45,265)	
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)			$234,378	$234,020	$233,662	$233,304	$232,946	$232,588	$232,230	$231,872	$231,514	$231,156	$230,798	$230,440	$230,082	
6	Average Net Investment				234,199	233,841	233,483	233,125	232,767	232,409	232,051	231,693	231,335	230,977	230,619	230,261	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		390	390	389	389	388	387	392	391	391	390	389	389	4,675
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		1,614	1,612	1,609	1,607	1,604	1,602	1,612	1,609	1,607	1,604	1,602	1,599	19,281
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 1.5610%				358	358	358	358	358	358	358	358	358	358	358	358	4,296
	b. Amortization				0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes 0.009890				227	227	227	227	227	227	227	227	227	227	227	227	2,724
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$2,589	$2,587	$2,583	$2,581	$2,577	$2,574	$2,589	$2,585	$2,583	$2,579	$2,576	$2,573	$30,976
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$2,589	$2,587	$2,583	$2,581	$2,577	$2,574	$2,589	$2,585	$2,583	$2,579	$2,576	$2,573	$30,976

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
CAIR CTs (Project 7.2 Recap)

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

Line	Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	
3	Less: Accumulated Depreciation				(34,047)	(34,431)	(34,815)	(35,199)	(35,583)	(35,967)	(36,351)	(36,735)	(37,119)	(37,503)	(37,887)	(38,271)	(38,655)	
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)				$164,941	$164,557	$164,173	$163,789	$163,405	$163,021	$162,637	$162,253	$161,869	$161,485	$161,101	$160,717	$160,333	
6	Average Net Investment					164,749	164,365	163,981	163,597	163,213	162,829	162,445	162,061	161,677	161,293	160,909	160,525	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		275	274	273	273	272	271	274	274	273	272	272	271	3,274
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		1,135	1,133	1,130	1,127	1,125	1,122	1,128	1,126	1,123	1,120	1,118	1,115	13,502
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation	2.3149%				384	384	384	384	384	384	384	384	384	384	384	384	4,608
	b. Amortization					0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.009890				164	164	164	164	164	164	164	164	164	164	164	164	1,968
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$1,958	$1,955	$1,951	$1,948	$1,945	$1,941	$1,950	$1,948	$1,944	$1,940	$1,938	$1,934	$23,352
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$1,958	$1,955	$1,951	$1,948	$1,945	$1,941	$1,950	$1,948	$1,944	$1,940	$1,938	$1,934	$23,352

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

Line	Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	
3	Less: Accumulated Depreciation				(19,515)	(19,734)	(19,953)	(20,172)	(20,391)	(20,610)	(20,829)	(21,048)	(21,267)	(21,486)	(21,705)	(21,924)	(22,143)	
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)				$68,152	$67,933	$67,714	$67,495	$67,276	$67,057	$66,838	$66,619	$66,400	$66,181	$65,962	$65,743	$65,524	
6	Average Net Investment					68,043	67,824	67,605	67,386	67,167	66,948	66,729	66,510	66,291	66,072	65,853	65,634	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		113	113	113	112	112	112	113	112	112	112	111	111	1,346
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		469	467	466	464	463	461	463	462	460	459	457	456	5,547
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation	3.0000%				219	219	219	219	219	219	219	219	219	219	219	219	2,628
	b. Amortization					0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.011680				85	85	85	85	85	85	85	85	85	85	85	85	1,020
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$886	$884	$883	$880	$879	$877	$880	$878	$876	$875	$872	$871	$10,541
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$886	$884	$883	$880	$879	$877	$880	$878	$876	$875	$872	$871	$10,541

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

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

Line Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1 Investments																	
a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base				$347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	
3 Less: Accumulated Depreciation				(56,973)	(57,812)	(58,651)	(59,490)	(60,329)	(61,168)	(62,007)	(62,846)	(63,685)	(64,524)	(65,363)	(66,202)	(67,041)	
4 CWIP - Non-Interest Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 + 3 + 4)				$290,225	$289,386	$288,547	$287,708	$286,869	$286,030	$285,191	$284,352	$283,513	$282,674	$281,835	$280,996	$280,157	
6 Average Net Investment					289,805	288,966	288,127	287,288	286,449	285,610	284,771	283,932	283,093	282,254	281,415	280,576	
7 Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
a. Debt Component		2.00%	2.03%		483	482	480	479	477	476	481	479	478	477	475	474	5,741
b. Equity Component Grossed Up For Taxes		8.27%	8.33%		1,997	1,992	1,986	1,980	1,974	1,968	1,978	1,972	1,966	1,960	1,955	1,949	23,677
c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8 Investment Expenses																	
a. Depreciation	2.9000%				839	839	839	839	839	839	839	839	839	839	839	839	10,068
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	0.009890				286	286	286	286	286	286	286	286	286	286	286	286	3,432
e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)					$3,605	$3,599	$3,591	$3,584	$3,576	$3,569	$3,584	$3,576	$3,569	$3,562	$3,555	$3,548	$42,918
a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
b. Recoverable Costs Allocated to Demand					$3,605	$3,599	$3,591	$3,584	$3,576	$3,569	$3,584	$3,576	$3,569	$3,562	$3,555	$3,548	$42,918

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

Line Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1 Investments																	
a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base				$349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	
3 Less: Accumulated Depreciation				(66,679)	(67,466)	(68,253)	(69,040)	(69,827)	(70,614)	(71,401)	(72,188)	(72,975)	(73,762)	(74,549)	(75,336)	(76,123)	
4 CWIP - Non-Interest Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5 Net Investment (Lines 2 + 3 + 4)				$282,905	$282,118	$281,331	$280,544	$279,757	$278,970	$278,183	$277,396	$276,609	$275,822	$275,035	$274,248	$273,461	
6 Average Net Investment					282,511	281,724	280,937	280,150	279,363	278,576	277,789	277,002	276,215	275,428	274,641	273,854	
7 Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
a. Debt Component		2.00%	2.03%		471	470	468	467	466	464	469	468	466	465	464	462	5,600
b. Equity Component Grossed Up For Taxes		8.27%	8.33%		1,947	1,942	1,936	1,931	1,925	1,920	1,929	1,924	1,919	1,913	1,908	1,902	23,096
c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8 Investment Expenses																	
a. Depreciation	2.7000%				787	787	787	787	787	787	787	787	787	787	787	787	9,444
b. Amortization					0	0	0	0	0	0	0	0	0	0	0	0	0
c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
d. Property Taxes	0.008700				253	253	253	253	253	253	253	253	253	253	253	253	3,036
e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)					$3,458	$3,452	$3,444	$3,438	$3,431	$3,424	$3,438	$3,432	$3,425	$3,418	$3,412	$3,404	$41,176
a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
b. Recoverable Costs Allocated to Demand					$3,458	$3,452	$3,444	$3,438	$3,431	$3,424	$3,438	$3,432	$3,425	$3,418	$3,412	$3,404	$41,176

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
CAIR CTs (Project 7.2 Recap)

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

Line	Description	Rate	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	
3	Less: Accumulated Depreciation				(15,879)	(16,015)	(16,151)	(16,287)	(16,423)	(16,559)	(16,695)	(16,831)	(16,967)	(17,103)	(17,239)	(17,375)	(17,511)	
4	CWIP - Non-Interest Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)				$118,133	$117,997	$117,861	$117,725	$117,589	$117,453	$117,317	$117,181	$117,045	$116,909	$116,773	$116,637	$116,501	
6	Average Net Investment					118,065	117,929	117,793	117,657	117,521	117,385	117,249	117,113	116,977	116,841	116,705	116,569	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		197	197	196	196	196	196	198	198	198	197	197	197	2,363
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		814	813	812	811	810	809	814	813	812	812	811	810	9,741
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation	1.2187%				136	136	136	136	136	136	136	136	136	136	136	136	1,632
	b. Amortization					0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.011680				130	130	130	130	130	130	130	130	130	130	130	130	1,560
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$1,277	$1,276	$1,274	$1,273	$1,272	$1,271	$1,278	$1,277	$1,276	$1,275	$1,274	$1,273	$15,296
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$1,277	$1,276	$1,274	$1,273	$1,272	$1,271	$1,278	$1,277	$1,276	$1,275	$1,274	$1,273	$15,296

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

Line	Description	Rate	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base				$381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	
3	Less: Accumulated Depreciation				(40,962)	(41,385)	(41,808)	(42,231)	(42,654)	(43,077)	(43,500)	(43,923)	(44,346)	(44,769)	(45,192)	(45,615)	(46,038)	
4	CWIP - Non-Interest Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)				$340,598	$340,175	$339,752	$339,329	$338,906	$338,483	$338,060	$337,637	$337,214	$336,791	$336,368	$335,945	$335,522	
6	Average Net Investment					340,386	339,963	339,540	339,117	338,694	338,271	337,848	337,425	337,002	336,579	336,156	335,733	
7	Return on Average Net Investment (A)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		567	567	566	565	564	564	570	570	569	568	568	567	6,805
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		2,346	2,343	2,340	2,337	2,334	2,331	2,347	2,344	2,341	2,338	2,335	2,332	28,068
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation	1.3299%				423	423	423	423	423	423	423	423	423	423	423	423	5,076
	b. Amortization					0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes	0.008630				274	274	274	274	274	274	274	274	274	274	274	274	3,288
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$3,610	$3,607	$3,603	$3,599	$3,595	$3,592	$3,614	$3,611	$3,607	$3,603	$3,600	$3,596	$43,237
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$3,610	$3,607	$3,603	$3,599	$3,595	$3,592	$3,614	$3,611	$3,607	$3,603	$3,600	$3,596	$43,237

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

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

Line	Description	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$6,058	$12,003	$21,452	$43,572	$26,097	$11,157	$2,889	$5,099	$0	$0	$0	$0	$128,328
	b. Clearings to Plant				0	0	0	0	0	0	2,127,144	5,099	0	0	0	0	
	c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2	Plant-in-Service/Depreciation Base			$16,857	16,857	16,857	16,857	16,857	16,857	16,857	2,144,001	2,149,100	2,149,100	2,149,100	2,149,100	2,149,100	
3	Less: Accumulated Depreciation			(500)	(535)	(570)	(605)	(640)	(675)	(710)	(745)	(5,169)	(9,593)	(14,017)	(18,441)	(22,865)	
4	CWIP - Non-Interest Bearing			2,003,915	2,009,973	2,021,976	2,043,428	2,087,001	2,113,098	2,124,255	1	1	1	1	1	1	
5	Net Investment (Lines 2 + 3 + 4)			$2,020,273	$2,026,296	$2,038,264	$2,059,681	$2,103,218	$2,129,281	$2,140,403	$2,143,258	$2,143,932	$2,139,508	$2,135,084	$2,130,660	$2,126,236	
6	Average Net Investment				2,023,285	2,032,280	2,048,973	2,081,450	2,116,250	2,134,842	2,141,830	2,143,595	2,141,720	2,137,296	2,132,872	2,128,448	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		3,372	3,387	3,415	3,469	3,527	3,558	3,616	3,619	3,616	3,609	3,601	3,594	42,383
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		13,944	14,006	14,121	14,345	14,585	14,713	14,876	14,889	14,876	14,845	14,814	14,784	174,798
	c. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																
	a. Depreciation 2.4700%				35	35	35	35	35	35	35	4,424	4,424	4,424	4,424	4,424	22,365
	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 0.001703				2	2	2	2	2	2	2	305	305	305	305	305	1,539
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$17,353	$17,430	$17,573	$17,851	$18,149	$18,308	$18,529	$23,237	$23,221	$23,183	$23,144	$23,107	$241,085
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$17,353	$17,430	$17,573	$17,851	$18,149	$18,308	$18,529	$23,237	$23,221	$23,183	$23,144	$23,107	$241,085

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

Line	Description	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																
	a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	c. Retirements				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	d. Other				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
2	Plant-in-Service/Depreciation Base			$614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	614,010	
3	Less: Accumulated Depreciation			(9,509)	(10,269)	(11,029)	(11,789)	(12,549)	(13,309)	(14,069)	(14,829)	(15,589)	(16,349)	(17,109)	(17,869)	(18,629)	
4	CWIP - Non-Interest Bearing			0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)			$604,501	$603,741	$602,981	$602,221	$601,461	$600,701	$599,941	$599,181	$598,421	$597,661	$596,901	$596,141	$595,381	
6	Average Net Investment				604,121	603,361	602,601	601,841	601,081	600,321	599,561	598,801	598,041	597,281	596,521	595,761	
7	Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
	a. Debt Component	2.00%	2.03%		1,007	1,006	1,004	1,003	1,002	1,001	1,012	1,011	1,010	1,008	1,007	1,006	12,077
	b. Equity Component Grossed Up For Taxes	8.27%	8.33%		4,164	4,158	4,153	4,148	4,143	4,137	4,164	4,159	4,154	4,149	4,143	4,138	49,810
	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 0.001703				87	87	87	87	87	87	87	87	87	87	87	87	1,044
	e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)				$6,018	$6,011	$6,004	$5,998	$5,992	$5,985	$6,023	$6,017	$6,011	$6,004	$5,997	$5,991	$72,051
	a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand				$6,018	$6,011	$6,004	$5,998	$5,992	$5,985	$6,023	$6,017	$6,011	$6,004	$5,997	$5,991	$72,051

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.

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
CAIR/CAMR Crystal River AFUDC (Project 7.4 Recap)

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

Line Description	Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1 Investments																
a. Expenditures/Additions				$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant				0	0	0	0	0	0	0	0	0	0	0	0	
c. Retirements				0	0	0	0	0	0	0	0	0	0	0	0	
d. Other				0	0	0	0	0	0	0	0	0	0	0	0	
2 Plant-in-Service/Depreciation Base			$660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	660,998	
3 Less: Accumulated Depreciation			(27,623)	(28,984)	(30,345)	(31,706)	(33,067)	(34,428)	(35,789)	(37,150)	(38,511)	(39,872)	(41,233)	(42,594)	(43,955)	
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)			$633,375	$632,014	$630,653	$629,292	$627,931	$626,570	$625,209	$623,848	$622,487	$621,126	$619,765	$618,404	$617,043	
6 Average Net Investment				632,695	631,334	629,973	628,612	627,251	625,890	624,529	623,168	621,807	620,446	619,085	617,724	
7 Return on Average Net Investment (A)	Jan-Jun	Jul-Dec														
a. Debt Component	2.00%	2.03%		1,054	1,052	1,050	1,048	1,045	1,043	1,054	1,052	1,050	1,048	1,045	1,043	12,584
b. Equity Component Grossed Up For Taxes	8.27%	8.33%		4,360	4,351	4,342	4,332	4,323	4,314	4,338	4,328	4,319	4,309	4,300	4,291	51,907
c. Other				0	0	0	0	0	0	0	0	0	0	0	0	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 0.001703				94	94	94	94	94	94	94	94	94	94	94	94	1,128
e. Other				0	0	0	0	0	0	0	0	0	0	0	0	0
9 Total System Recoverable Expenses (Lines 7 + 8)				$6,869	$6,858	$6,847	$6,835	$6,823	$6,812	$6,847	$6,835	$6,824	$6,812	$6,800	$6,789	$81,951
a. Recoverable Costs Allocated to Energy				0	0	0	0	0	0	0	0	0	0	0	0	0
b. Recoverable Costs Allocated to Demand				$6,869	$6,858	$6,847	$6,835	$6,823	$6,812	$6,847	$6,835	$6,824	$6,812	$6,800	$6,789	$81,951

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

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

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

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

Line	Description		Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other (A)					0	0	(36,519)	0	0	0	0	0	0	0	0	0	
2	Regulatory Asset Balance				$5,610,669	$5,610,669	$5,143,113	$4,639,038	$4,175,134	$3,711,231	$3,247,327	$2,783,423	$2,319,519	$1,855,615	$1,391,711	$927,808	$463,904	
3	Less: Amortization (C)				0	(467,556)	(467,556)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	(463,904)	
4	CWIP - AFUDC Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)				$5,610,669	$5,143,113	$4,675,557	$4,175,134	$3,711,231	$3,247,327	$2,783,423	$2,319,519	$1,855,615	$1,391,711	$927,808	$463,904	$0	
6	Average Net Investment					5,376,891	4,909,335	4,425,346	3,943,182	3,479,279	3,015,375	2,551,471	2,087,567	1,623,663	1,159,760	695,856	231,952	
7	Return on Average Net Investment (B)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		8,961	8,182	7,376	6,572	5,799	5,026	4,308	3,525	2,741	1,958	1,175	392	56,015
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		37,057	33,835	30,499	27,176	23,979	20,782	17,722	14,500	11,277	8,055	4,833	1,611	231,326
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (C)	33.3333%				467,556	467,556	463,904	463,904	463,904	463,904	463,904	463,904	463,904	463,904	463,904	463,904	5,574,150
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes					0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$513,574	$509,573	$501,779	$497,652	$493,682	$489,712	$485,934	$481,929	$477,922	$473,917	$469,912	$465,907	5,861,491
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$513,574	$509,573	$501,779	$497,652	$493,682	$489,712	$485,934	$481,929	$477,922	$473,917	$469,912	$465,907	5,861,491

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

Line	Description		Jan-Jun	Jul-Dec	Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Regulatory Asset Balance				$113,659	113,659	104,188	94,716	85,244	75,773	66,301	56,830	47,358	37,886	28,415	18,943	9,472	
3	Less: Amortization (C)				0	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	(9,472)	
4	CWIP - Non-Interest Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)				$113,659	$104,188	$94,716	$85,244	$75,773	$66,301	$56,830	$47,358	$37,886	$28,415	$18,943	$9,472	($0)	
6	Average Net Investment					108,923	99,452	89,980	80,509	71,037	61,565	52,094	42,622	33,151	23,679	14,207	4,736	
7	Return on Average Net Investment (B)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		182	166	150	134	118	103	88	72	56	40	24	8	1,141
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		751	685	620	555	490	424	362	296	230	164	99	33	4,709
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (C)	33.3333%				9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	9,472	113,659
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)	0.001703				51	51	51	51	51	51	51	51	51	51	51	51	616
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$10,456	$10,374	$10,293	$10,212	$10,131	$10,050	$9,973	$9,891	$9,809	$9,727	$9,646	$9,564	$120,125
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$10,456	$10,374	$10,293	$10,212	$10,131	$10,050	$9,973	$9,891	$9,809	$9,727	$9,646	$9,564	$120,125

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

DUKE ENERGY FLORIDA, LLC
Environmental Cost Recovery Clause (ECRC)
Capital Programs Detail Support - January 2015 through December 2015
Thermal Discharge Permanent Cooling Tower (Project 11.1 Recap)

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

Line	Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Regulatory Asset Balance				$38,025	38,025	34,856	31,688	28,519	25,350	22,181	19,013	15,844	12,675	9,506	6,338	3,169	$247,163
3	Less: Amortization (A)				0	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	(3,169)	($38,025)
4	CWIP - AFUDC Bearing				0	0	0	0	0	0	0	0	0	0	0	0	0	$0
5	Net Investment (Lines 2 + 3)				$38,025	$34,856	$31,688	$28,519	$25,350	$22,181	$19,013	$15,844	$12,675	$9,506	$6,338	$3,169	($0)	$209,138
6	Average Net Investment					36,441	33,272	30,103	26,934	23,766	20,597	17,428	14,259	11,091	7,922	4,753	1,584	$228,150
7	Return on Average Net Investment (B)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		61	55	50	45	40	34	29	24	19	13	8	3	381
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		251	229	207	186	164	142	121	99	77	55	33	11	1,575
	c. Other						0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (A)	33.3333%				3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	3,169	38,025
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes					0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					$3,481	$3,453	$3,426	$3,400	$3,373	$3,345	$3,319	$3,292	$3,265	$3,237	$3,210	$3,183	39,981
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					$3,481	$3,453	$3,426	$3,400	$3,373	$3,345	$3,319	$3,292	$3,265	$3,237	$3,210	$3,183	39,981

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

Line	Description				Beginning of Period Amount	Actual Jan-15	Actual Feb-15	Actual Mar-15	Actual Apr-15	Actual May-15	Actual Jun-15	Actual Jul-15	Actual Aug-15	Actual Sep-15	Actual Oct-15	Actual Nov-15	Actual Dec-15	End of Period Total
1	Investments																	
	a. Expenditures/Additions					$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
	b. Clearings to Plant					0	0	0	0	0	0	0	0	0	0	0	0	
	c. Retirements					0	0	0	0	0	0	0	0	0	0	0	0	
	d. Other					0	0	0	0	0	0	0	0	0	0	0	0	
2	Regulatory Asset Balance				($1,706)	(1,706)	(1,564)	(1,422)	(1,280)	(1,137)	(995)	(853)	(711)	(569)	(427)	(284)	(142)	($11,090)
3	Less: Amortization (A)				0	142	142	142	142	142	142	142	142	142	142	142	142	$1,706
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)				($1,706)	($1,564)	($1,422)	($1,280)	($1,137)	($995)	($853)	($711)	($569)	($427)	($284)	($142)	($0)	($9,384)
6	Average Net Investment					(1,635)	(1,493)	(1,351)	(1,209)	(1,066)	(924)	(782)	(640)	(498)	(355)	(213)	(71)	($10,237)
7	Return on Average Net Investment (B)		Jan-Jun	Jul-Dec														
	a. Debt Component		2.00%	2.03%		(3)	(2)	(2)	(2)	(2)	(2)	(1)	(1)	(1)	(1)	0	0	(17)
	b. Equity Component Grossed Up For Taxes		8.27%	8.33%		(11)	(10)	(9)	(8)	(7)	(6)	(5)	(4)	(3)	(2)	(1)	0	(66)
	c. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses																	
	a. Depreciation					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization (A)	33.3333%				(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(142)	(1,706)
	c. Dismantlement					N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes					0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other					0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)					($156)	($154)	($153)	($152)	($151)	($150)	($148)	($147)	($146)	($145)	($143)	($142)	($1,789)
	a. Recoverable Costs Allocated to Energy					0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand					($156)	($154)	($153)	($152)	($151)	($150)	($148)	($147)	($146)	($145)	($143)	($142)	($1,789)

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

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

<u>MICHAEL R. DELOWERY</u>

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

April 1, 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: By whom are you employed and in what capacity?

A: I am employed by Duke Energy Business Services as Vice President of Project Management and Construction.

Q: What are your responsibilities in that position?

A: I am the senior manager responsible for oversight of new power plant construction and retrofit of existing fossil and hydro-electric power plants for Duke Energy, including Duke Energy Florida's ("DEF") Anclote Gas Conversion Project.

Q: Please describe your educational background and professional experience.

A: I obtained my Bachelor of Science degree in Mechanical Engineering from Drexel University. I have over 24 years of power industry experience. I joined Duke Energy in May 2011 as General Manager responsible for potential repair of the CR3 containment building. In August 2014, I was appointed to my current position. Prior to Duke Energy, I worked for Florida Power & Light (FP&L) where I held various management positions including Project Director of the St. Lucie Nuclear Power Plant Extended Power Uprate, Maintenance Director, Project Director of the St. Lucie Nuclear Power Plant Steam Generators and Reactor Head Replacement Projects, and Manager of Projects. Prior to FP&L, I held a number of positions at Exelon, and completed a rotational assignment with the Institute of Nuclear Power Operations as a senior evaluator of equipment reliability for domestic and international nuclear power stations.

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

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide an update on the Mercury and Air Toxics Standards ("MATS") - Anclote Gas Conversion Project (Project 17.1) and to explain material variances between actual and actual/estimated project expenditures for the period January 2015 – December 2015.

Q. Did the Anclote Gas Conversion Project meet its targeted in-service dates and total estimated cost?

A. Yes, Unit 1 and Unit 2 gas conversions went in service on July 13, 2013 and December 2, 2013, respectively. Unit 1 and Unit 2 Force Draft fan modification work was completed on May 22, 2014 and November 17, 2014, respectively. Total actual project cost as of 2015 year end is approximately $134 million.

Q. How did actual project expenditures for January 2015 – December 2015 compare to actual/estimated projections for the Anclote Gas Conversion Project (Project 17.1)?

A. The Anclote Gas Conversion capital variance is $758,173 or 149% lower than projected due to a vendor billing adjustment and release of retention money.

Q. Does this conclude your testimony?

A. Yes.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

TIMOTHY HILL

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC.

DOCKET NO. 160007-EI

April 1, 2016

Q. Please state your name and business address.

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

Q: By whom are you employed and in what capacity?

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

Q: What are your responsibilities in that position?

A: I am responsible for oversight of the operation and maintenance of all CCP facilities in the Western Carolinas and Florida, including the CCP facility at the Crystal River Energy Center. This includes operating and maintaining all CCP facilities in compliance with state and federal regulations. The Operations and Maintenance group at each station maintains accountability for overall CCP facility performance which requires close collaboration with other Duke Energy CCP organizations such as Project Implementation, Engineering, and Facility Closure. The Company relies on my opinions and information I provide when making decisions regarding the CCP facilities under my supervision.

Q: Please describe your educational background and professional experience.

A: I have a Bachelor of Science degree in Nuclear Engineering from the University of Florida and a Master of Science degree from the University of Central Florida. I have 13 years of experience in the power generation industry including positons as an Engineering Manager, a Maintenance Manager, and a Plant Manager within Duke Energy's fossil fleet, and as Fleet and Harris Station Maintenance Manager in Duke Energy's nuclear fleet. Prior to joining Duke Energy I was employed by Delta Air Lines as a General Manager in Engineering and Maintenance and prior to that I served 21 years as a commissioned officer in the U.S. Navy, serving in the nuclear fleet. In November of 2014, I began my current role as CCP Regional General Manager.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to provide an update on DEF's 2015 Coal Combustion Residual ("CCR") Rule compliance activities and associated 2015 compliance costs for which the Company seeks recovery through the Environmental Cost Recovery Clause ("ECRC").

Q. How did actual Capital project expenditures for the period January 2015 – December 2015 compare to actual/estimated Capital projections for the CCR Rule (Project 18)?

A. The CCR Rule capital variance is $1,535,570 or 96% lower than projected due to a change in DEF's expected 2015 CCR compliance activities associated with the Crystal River temporary gypsum pad and additional vegetation management requirements as explained in the August 31, 2015 Direct Testimony of Garry Miller in Docket No. 150007. DEF initially estimated $1.5M for a permanent fugitive dust control system at the temporary gypsum pad. After further analysis, DEF determined it would be unable to complete the project by the October 19, 2015 CCR compliance date and instead employed a temporary solution. DEF also determined that vegetation management compliance could be achieved without spending the $100k of capital included in the July 31, 2015 filing.

Q. How did actual O&M project expenditures for the period January 2015 – December 2015 compare to actual/estimated O&M projections for the CCR Rule (Project 18)?

A. The CCR O&M variance is $130,877 or 33% lower than projected. This is primarily due to lower than expected costs for engineering studies and vegetation management costs associated with the ash landfill and Flue Gas Desulfurization ("FGD") basins.

Q. Does this conclude your testimony?

A. Yes.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

JEFFREY SWARTZ

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

April 1, 2016

Q. Please state your name and business address.

A. My name is Jeffrey Swartz. My business address is 8202 W. Venable St, Crystal River, FL 34429.

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

A. I am employed by Duke Energy Florida, LLC ("DEF" or the "Company") as Vice President –Fossil/Hydro Operations Florida.

Q. What are your responsibilities in that position?

A. As Vice President of DEF's Fossil/Hydro organization, my responsibilities include overall leadership and strategic direction of DEF's power generation fleet. My responsibilities include strategic and tactical planning to operate and maintain DEF's non-nuclear generation fleet; generation fleet project and addition recommendations; major maintenance programs; outage and project management; generation facilities retirement; asset allocation; workforce planning and staffing; organizational alignment and design; continuous business improvement; retention and inclusion; succession planning; and oversight of numerous employees and hundreds of millions of dollars in assets and capital and O&M budgets.

Q. Please describe your educational background and professional experience.

A. I earned a Bachelor of Science degree in Mechanical Engineering from the United States Naval Academy in 1985. I have 15 years of power plant and production experience at Duke Energy in various managerial and executive positions in fossil steam, combustion turbine and nuclear plant operations. I also managed new construction and O&M projects. I have extensive contract negotiation and management experience. My prior experience includes nuclear engineering and operations experience in the United States Navy, and project management, engineering, supervisory and management oversight experience with a pulp, paper and chemical manufacturing company.

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

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to explain material variances between actual and actual/estimated project expenditures for environmental compliance costs associated with DEF's Integrated Clean Air Compliance Program (Project 7.4) and Mercury & Air Toxics Standards (MATS) – CR 1&2 (Project 17.2) for the period January 2015 - December 2015.

Q. How do actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the Clean Air Interstate Rule/Clean Air Mercury Rule (CAIR/CAMR) Crystal River Program (Project 7.4)?

A. The CAIR/CAMR Crystal River O&M variance is $1,685,589 or 6% lower than projected. This variance is primarily attributable to $427,978 lower than expected CAIR Crystal River Project 7.4 – Base costs, and $1,278,679 lower than expected CAIR-Crystal River Project 7.4 – Energy Costs.

Q: Please explain the variance between actual project expenditures and actual/estimated projections for the CAIR Crystal River Project – Base for January 2015 - December 2015?

A: O&M costs for CAIR Crystal River Project – Base were $427,978 or 3% lower than projected primarily due to lower labor cost.

Q. Please explain the variance between actual project expenditures and the actual/estimated projections for CAIR Crystal River Project – Energy for the period January 2015 - December 2015?

A. O&M costs for CAIR Crystal River Project - Energy were $1,278,679 or 9% lower than forecasted primarily due to lower than projected generation, which resulted in reduced reagent expense of $522,250 for ammonia, $288,665 for limestone, and $481,423 for hydrated lime.

Q. How did actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the MATS – CR 1&2 Project (Project 17.2)?

A. The MATS – CR 1&2 O&M variance is $460,083 or 12% higher than projected. The O&M variance is due primarily to an increase in the scope of performance testing. Test burns with alternative fuel were conducted in fall 2015 to confirm the expected benefits from Electrostatic Precipitator ("ESP") improvement projects and to evaluate unit performance in preparation for MATS compliance. Favorable 2015 test results allowed for the durations of the fuel burns to be extended in order to gain confidence in long-term operation with alternative fuel. The expanded scope completed in 2015 will be offset by a reduction in the costs for additional testing in 2016 by approximately 75%.

Q. How did actual capital expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the MATS – CR 1&2 Project (Project 17.2)?

A. The MATS – CR 1&2 Capital variance is $110,264 or 1% higher than projected due to an increase in scope of a Unit 2 ESP project. Hoppers in the "Old A/B

ESP" were replaced to provide structural stability for the mechanical stress associated with the hopper vibrators that were installed for MATS compliance in 2014.

Q. Does this conclude your testimony?

A. Yes.

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

<u>PATRICIA Q. WEST</u>

ON BEHALF OF

DUKE ENERGY FLORIDA, LLC

DOCKET NO. 160007-EI

April 1, 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. By whom are you employed and in what capacity?

A. I am employed by Duke Energy Business Services as Director Environmental Field Support – Florida.

Q. What are your responsibilities in that position?

A. My responsibilities include managing the work of environmental professionals who are responsible for environmental, technical, and regulatory support during the development and implementation of environmental compliance strategies for regulated power generation facilities and electrical transmission and distribution facilities in Florida.

Q. Please describe your educational background and professional experience.

A. I obtained my Bachelor of Arts degree in Biology from New College of the University of South Florida in 1983. I was employed by the Polk County Health Department between 1983 and 1986 and by the Florida Department of Environmental Protection (FDEP) from 1986 - 1990. At the FDEP, I was involved in compliance and enforcement efforts associated with petroleum storage facilities. I joined Florida Power Corporation in 1990 as an Environmental Project Manager and then held progressively more responsible positions through the merger with Carolina Power and Light, and more recently through the merger with Duke Energy in my role as the Director Environmental Field Support – FL.

Q. Have you previously filed testimony before this Commission in connection with Duke Energy Florida's ("DEF") Environmental Cost Recovery Clause ("ECRC")?

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to explain material variances between the actual and actual/estimated project expenditures for environmental compliance costs associated with DEF's Transmission and Distribution Substation Environmental Investigation, Remediation & Pollution Prevention (SARAP, Projects 1 & 1a), Distribution System Environmental Investigation, Remediation & Pollution Prevention (TRIP, Project 2), Pipeline Integrity Management (PIM) Program (Project 3), Cooling Water Intake – 316(b) (Project 6 & 6a), Arsenic

Groundwater Standard (Project 8), and Mercury & Air Toxics Standards (MATS) – Crystal River Units 4 & 5 (CR 4&5) (Project 17) for the period January 2015 - December 2015. I also provide an update of the Cross State Air Pollution Rule ("CSAPR") and its impact on DEF's emission allowances, as well an update on the Steam Effluent Limitations Guidelines ("ELG"), Clean Water Rule and Above Ground Storage Tanks ("AST") and Underground Storage Tanks ("UST") amendments. In addition, I am sponsoring Exhibit No. __ (PQW-1), DEF's review of the efficacy of its Integrated Clean Air Compliance Plan and retrofit options in relation to expected environmental regulations. The Company relies on my opinions and information I provide when making decisions regarding these projects.

Q. How did actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the Transmission & Distribution Substation Environmental Investigation, Remediation, and Pollution Prevention Projects (Projects 1 & 1a)?

A. The Substation System Program variance is $507,405 or 46% lower than projected. This variance is primarily due to delays at Consolidated Rock distribution substation, and East Clearwater, Holder, Pasadena, and Winter Springs transmission substations. Consolidated Rock remediation is delayed due to restricted access by the property owner. Work will begin once this issue is resolved. East Clearwater repairs are scheduled for 2016. Holder remediation is deferred until the Fall of 2016 when breaker replacement work is completed.

Pasadena repairs were completed February 25, 2016. Winter Springs repairs are scheduled to start March 28, 2016.

Q. How did actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the Distribution System Environmental Investigation, Remediation, and Pollution Prevention Project (Project 2)?

A. The Distribution System Environmental Investigation, Remediation, and Pollution Prevention Project variance is $37,666 or 65% lower than projected due to delays in source removal at two transformer sites in December 2015 and January 2016. These delays were due to site access issues at one location and structural engineering excavation drawing requirements by the local municipality at another.

Q. How did actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the PIM Project (Project 3)?

A. The PIM O&M variance is $181,689 or 35% lower than projected. This variance is attributed to the cost of the Duke Energy Trail and FDOT Gandy projects being lower than anticipated and DEF being reimbursed in full for the FDOT Gandy project.

Q. How did actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the Cooling Water Intake - 316(b) Project (Project 6 & 6a)?

A. The Cooling Water Intake - 316(b) variance is $30,659 or 11% lower than projected. Cooling Water Intake 316(b) (Project 6) – Base had a $16,912 or 12% lower than projected variance due to scheduled work delayed for the evaluation of a proposed site cooling water system at the Crystal River North station. Cooling Water Intake 316(b) – Intermediate (Project 6a) had a $13,747 or 11% lower than projected variance due to report preparation in support of Suwannee Station NPDES permit renewal being deferred until 2016.

Q. How did actual O&M expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the Arsenic Groundwater Standard Project (Project 8)?

A. The Arsenic Groundwater Monitoring variance is $9,476 or 24% higher than projected due to additional consultant costs to address an arsenic consent order issued by the FDEP.

Q. How did actual capital expenditures for January 2015 - December 2015 compare with DEF's actual/estimated projections for the MATS – CR 4&5 Project (Project 17)?

A. The MATS – CR 4&5 capital variance is $284,479 or 10% lower than projected, due to commissioning activities being rescheduled from fourth quarter 2015 to first quarter 2016.

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

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

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

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

Q. What is the history and status of the Cross State Air Pollution Rule ("CSAPR")?

A. The EPA adopted the CSAPR to replace the CAIR by publication in the Federal Register in August 2011. The CSAPR establishes state-level annual and seasonal SO_2 and NO_x emissions allowance requirements that were effective January 1, 2012. Under CSAPR, the State of Florida is no longer required to comply with annual emission requirements, only ozone seasonal limits. In Order No. PSC-11-0553-FOF-EI, the Commission established a regulatory asset to allow DEF to recover the costs of its remaining CAIR NO_x allowance inventory over a three (3) year amortization period. However, on December 30, 2011, the D.C. Circuit Court of Appeals stayed the CSAPR leaving the CAIR in effect until it completed its review of CSAPR. Consequently, DEF continued to maintain its NO_x allowance inventory in order to comply with the CAIR. In August 2012, the D.C. Circuit Court of Appeals vacated the CSAPR and directed the EPA to continue administrating the CAIR program. The EPA subsequently appealed this decision to the U.S. Supreme Court. In April 2014, the U.S. Supreme Court overturned the D.C. Circuit Court's ruling and remanded the case back to the lower court for further action. In June 2014, the EPA requested that the court lift the CSAPR stay and allow it to be implemented under a revised schedule. This request was granted in October 2014 and the CSAPR went into effect on January 1, 2015, replacing the CAIR program. On

July 28, 2015, the D.C. Circuit determined that EPA failed to cost justify a number of Phase 2 emission allowance budgets for certain states, including Florida, citing they were more stringent than necessary to achieve air compliance in downwind states, and held the Phase 2 NO_x allowance allocations invalid. Finally, on November 17, 2015, the EPA proposed a revised CSAPR. The EPA proposed to remove Florida from the CSAPR program, beginning with the 2017 ozone season; however, the EPA stated that it will perform additional modeling that could result in changing that proposal. A final revised CSAPR is expected in mid- to late-2016.

Q. What is the status of the ELG (Project 15)?

A. On November 23, 2015, the Environmental Protection Agency (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 and 5 NPDES permit that is now in the renewal process.

Q. **What is the status of the Clean Water Rule?**

A. On June 29, 2015 the EPA and the Army Corps of Engineers (Corps) published the final Clean Water Rule that significantly expands the definition of the Waters of the United States ("WOTUS"). On October 9, 2015 the U.S. Court of

Appeals for the Sixth Circuit granted a nationwide stay of the rule effective through the conclusion of the judicial review process. On February 22, 2016 the court issued an opinion that it has jurisdiction and is the appropriate venue to hear the merits of legal challenges to the rule; however, that decision is being contested, and the timeframe for resolution is unknown at this time. Until the new rule goes into effect, new WOTUS jurisdictional determinations will be made by the Corps using the previous WOTUS definition.

Q. What is the status of the FDEP's Underground Storage Tank (UST) Rule (Project 10)?

A. The FDEP's proceedings on rulemaking continue. The final public workshop was held on March 28, 2016. DEF continues to analyze the draft rule requirements and potential impacts at operational sites and compliance options for the affected unit. However, the full extent of compliance activities and associated expenditures cannot be determined at this time as the final rule has not been issued and is still subject to change.

Q. What is the status of FDEP's Aboveground Storage Tank (AST) Rule (Project 4)?

A. The FDEP's proceedings on rulemaking continue. The final public workshop was held on March 28, 2016. DEF continues to analyze the draft rule requirements and potential impacts at operational sites and compliance options for the affected units. However, the full extent of compliance activities and associated expenditures cannot be determined at this time as the final rule has not been issued and is still subject to change.

Q. Does this conclude your testimony?

A. Yes.

Duke Energy Florida, LLC

Review of Integrated Clean Air Compliance Plan

**Submitted to the
Florida Public Service Commission**

April 1, 2016

Table of Contents

Acronyms

BART – Best Available Retrofit Technology

CAIR – Clean Air Interstate Rule

CAMR – Clean Air Mercury Rule

CAVR – Clean Air Visibility Rule

CCR - Coal Combustion Residuals

CO_2 – Carbon Dioxide

CPP – Clean Power Plan

CSAPR – Cross-State Air Pollution Rule

DEF – Duke Energy Florida

ECRC – Environmental Cost Recovery Clause

EPA – Environmental Protection Agency

EGU – Electric Generating Unit

ELG - Effluent Limitation Guidelines

ESP – Electrostatic Precipitator

FDEP – Florida Department of Environmental Protection

FGD – Flue Gas Desulfurization

GHG – Greenhouse Gas

LNB – Low NO_x Burner

MATS – Mercury and Air Toxic Standards

MWh – Megawatt Hour

NAAQS – National Ambient Air Quality Standards

NO_x – Nitrogen Oxides

NSPS - New Source Performance Standards

PAC – Powdered Activated Carbon

Plan D – DEF Integrated Clean Air Compliance Plan

PM – Particulate Matter

ppb – Parts per billion

PSC – Public Service Commission

SCR – Selective Catalytic Reduction

SIP – Site Implementation Plan

SO_2 – Sulfur Dioxide

Executive Summary

In the 2007 Environmental Cost Recovery Clause ("ECRC") Docket (No. 070007-EI), the Commission approved Duke Energy Florida's ("DEF") updated Integrated Clean Air Compliance Plan (Plan D) as a reasonable and prudent means to comply with the requirements of the Clean Air Interstate Rule ("CAIR") (subsequently replaced by the Cross-State Air Pollution Rule ("CSAPR"), Clean Air Mercury Rule ("CAMR") (subsequently replaced by the Mercury and Air Toxics Standards ("MATS") rule), Clean Air Visibility Rule ("CAVR"), and related regulatory requirements. In its 2007 final order, the Commission also directed DEF to file as part of its ECRC true-up testimony "a yearly review of the efficacy of its Plan D and the cost-effectiveness of DEF's retrofit options for each generating unit in relation to expected changes in environmental regulations." This report provides the required review for 2016.

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

Sulfur Dioxide ("SO_2")

- Installation of flue gas desulfurization (FGD) systems on Crystal River Units 4 and 5
- Fuel switching at Crystal River ("CR") Units 1 and 2 to burn low sulfur coal
- Fuel switching at Anclote Units 1 and 2 to burn low sulfur oil and natural gas
- Purchases of SO_2 allowances

Nitrogen Oxides ("NO_x")

- Installation of low NO_x burners (LNBs) and selective catalytic reduction (SCR) systems on CR Units 4 and 5
- Installation of LNBs and separated over-fire air ("SOFA") or alternative NO_x controls at Anclote Units 1 and 2
- Purchase of annual and ozone season NO_x allowances

Mercury

- Installation of FGD and SCR systems at CR Units 4 and 5
- Installation of powdered activated carbon (PAC) injection on CR Unit 2

As detailed in Docket No. 070007-EI, DEF decided on Plan D based on a quantitative and qualitative evaluation of the ability of alternative plans to meet environmental requirements, while managing risks and controlling costs. That evaluation demonstrated that Plan D is DEF's most cost-effective alternative to meet applicable regulatory requirements. The Plan was designed to strike a balance between reducing emissions, primarily through the installation of controls on DEF's largest and newest coal units (CR Units 4 and 5), and making strategic use of emission allowance markets.

In accordance with the Commission's final order in Docket No. 070007-EI, DEF has continued to review the efficacy of Plan D and the cost-effectiveness of retrofit options in relation to expected changes in environmental regulations. With regard to efficacy, Plan D remains the cornerstone of DEF's efforts to comply with applicable air quality regulations in a cost-effective manner.

As indicated in previous ECRC filings, the U.S. Court of Appeals for the District of Columbia ("D.C. Circuit") stayed the effect of CSAPR the U.S. Environmental Protection Agency ("EPA") had proposed to replace CAIR, leaving CAIR in effect until the court completed its review of CSAPR. In August 2012, the D.C. Circuit vacated the CSAPR in its entirety, and in January 2013, the court denied EPA's petition for rehearing. On April 29, 2014, the U.S. Supreme Court reversed the D.C. Circuit's decision and upheld the CSAPR. EPA subsequently petitioned the D.C. Circuit to reinstate CSAPR, making it effective January 1, 2015. The court agreed with EPA and approved its petition.

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

<u>Anclote Units 1 & 2</u>: DEF determined that the most cost-effective option for Anclote Units 1 and 2 was conversion to fire 100% natural gas rather than installation of emission

controls to comply with MATS. The Commission approved DEF's petition for ECRC recovery of costs associated with the Anclote Conversion Project in Docket No. 120103-EI.

Suwannee Units 1, 2 & 3: DEF determined that no further modifications were needed on Suwannee Units 1, 2 and 3 as these units were already capable of operating on 100% natural gas.

CR Units 4 & 5: DEF determined that the existing electrostatic precipitators ("ESPs"), FGDs, and SCRs at CR Units 4 and 5 would provide sufficient control for MATS compliance under typical conditions. DEF also determined that chemical injection systems would be required to mitigate mercury re-emissions from the FGDs. On December 15, 2014, DEF requested a one-year extension to allow time for installation of additional mercury control systems. On March 12, 2015, the Florida Department of Environmental Protection ("FDEP") authorized a one-year extension (to April 16, 2016) for all mercury-related MATS requirements on CR Units 4 and 5.

CR Units 1 & 2: DEF determined that the use of alternative coals (along with dry sorbent injection, PAC injection, and ESP enhancements) was a feasible and cost-effective strategy to allow these units to continue running for a limited period of time in compliance with MATS and Best Available Retrofit Technology ("BART") requirements until new generation could be built. This plan was approved by the Commission in Order No. PSC-14-0173-PAA-EI (April 17, 2014). On February 6, 2014, the FDEP granted a one-year extension (to April 16, 2016) for all MATS requirements on CR Units 1 and 2.

Although EPA has begun implementation of a regulatory approach to reduce greenhouse gas ("GHG") emissions through the Clean Air Act, there currently are no GHG emission standards applicable to DEF's existing units. Moreover, there are still no retrofit options commercially available to reduce carbon dioxide ("CO_2") emissions from fossil fuel-fired EGUs. The Company will continue to monitor and update the Commission on EPA's ongoing efforts to establish emission guidelines to address GHG from existing power plants under Section 111(d) of the federal Clean Air Act.

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

I. Introduction

In its final order in the 2007 ECRC Docket (No. 070007-EI), the Commission approved DEF's updated Integrated Clean Air Compliance Plan (Plan D) as a reasonable and prudent means to comply with the requirements of CAIR, CAMR, CAVR and related regulatory requirements. In *In re Environmental Cost Recovery Clause*, Order No. PSC-07-0922-FOF-EI, p. 8 (Nov. 16, 2007), the Commission specifically found that "PEF's [now DEF's] updated Integrated Clean Air Compliance Plan represents the most cost-effective alternative for achieving and maintaining compliance with CAIR, CAMR, and CAVR, and related regulatory requirements, and it is reasonable and prudent for DEF to recover prudently incurred costs to implement the plan." *Id*. The Commission also directed DEF to file as part of its ECRC true-up testimony "a yearly review of the efficacy of its Plan D and the cost-effectiveness of [DEF's] retrofit options for each generating unit in relation to expected changes in environmental regulations." *Id*. The purpose of this report is to provide the required review for 2016.

II. Regulatory Background

The CAIR and CAVR programs required DEF and other utilities to significantly reduce emissions of SO2 and NO_x. CAIR contemplated emission reductions in incremental phases, in which Phase I began in 2009 for NO_x and in 2010 for SO_2. Phase II was scheduled to begin in 2015 for both NO_x and SO_2. As noted later in this Plan, CAIR was remanded by the courts in 2008, but remained in place through 2014 while the EPA worked on development and implementation of an acceptable replacement rule. Following resolution of litigation, the replacement rule, CSAPR, took effect on January 1, 2015. The CAVR, designed to improve visibility in Class I areas, remains in effect and the status of the BART requirements under CAVR affecting DEF is provided in part D of this section of this Plan. The CAMR originally required reduction of mercury emissions at a system level and installation of mercury monitors. As discussed later in this Plan, CAMR was vacated in early 2008 and in lieu of CAMR, EPA published a final MATS rule on February 16, 2012.

In March 2006, the Company submitted a report and supporting testimony presenting its integrated plan for complying with the CAIR, CAVR, and CAMR, as well as the process the Company used to evaluate alternative plans, to the Commission. The analysis included an examination of the projected emissions associated with several alternative plans and a comparison of economic impacts, in terms of cumulative present value of revenue requirements. The Company's Integrated Clean Air Compliance Plan, designated as Plan D, was found to be the most cost-effective compliance plan for CAIR, CAMR, and CAVR from among five alternative plans.

In June 2007, the Company submitted an updated report and supporting testimony summarizing the status of the Plan and an updated economic analysis incorporating certain Plan revisions necessitated by changed circumstances. Consistent with the approach utilized in 2006, the Company performed a quantitative evaluation to compare the ability of modified alternative plans to meet environmental requirements, while managing risks and controlling costs. That evaluation demonstrated that Plan D, as revised, is the Company's most cost-effective alternative to meet applicable regulatory requirements. Based on that analysis, the Commission approved Plan D as reasonable and prudent, and held that the Company should recover prudently incurred costs of implementing the Plan. In each subsequent ECRC docket, DEF has submitted its annual review of the Integrated Clean Air Compliance Plan for Commission review.

A. Status of CAIR and CSAPR

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

In Order No. PSC-11-0553-FOF-EI, issued in Docket No. 110007-EI on December 7, 2011, the Commission addressed the impact of CSAPR on the Company's recovery of NO_x emission allowance costs. Because CSAPR would no longer allow the Company to use NO_x allowances previously obtained under CAIR for compliance effective January 1, 2012, the Commission established a regulatory asset to allow the Company to recover the costs of its remaining NO_x allowance inventory over a three-year amortization period. However, on December 30, 2011, the D.C. Circuit stayed CSAPR, leaving CAIR in effect until the court completed its review of the new rule. Thus, the Company continued to maintain its NO_x

allowance inventory in order to comply with CAIR. Pursuant to the stipulation approved in Order No. PSC-11-0553-FOF-EI, the Company continued to expense NO_x allowance costs incurred to comply with CAIR based on actual usage consistent with current practice. In August 2012, the D.C. Circuit vacated CSAPR in its entirety, and in January 2013, the court denied EPA's petition for rehearing. *See EME Homer City Generation, L.P. v. EPA*, 696 F.3d 7 (D.C. Cir. 2013). The EPA subsequently appealed the court's vacatur to the U.S. Supreme Court and on April 29, 2014, the Supreme Court overturned the D.C. Circuit's decision vacating CSAPR and remanded the case back to the lower court for further action. On June 26, 2014, the EPA requested that the court lift the stay of the CSAPR and allow it to be implemented, under a revised schedule, beginning January 1, 2015. This request was granted on October 23, 2014, and the CSAPR went into effect on January 1, 2015, replacing the CAIR. On July 28, 2015, the D.C. Circuit determined that EPA failed to cost justify a number of Phase 2 emission allowance budgets for certain states, including Florida, citing they were more stringent than necessary to achieve air compliance in downwind states, and held the Phase 2 NOx allowance allocations invalid. Finally, on November 17, 2015, EPA proposed a revised CSAPR. EPA proposed to remove Florida from the CSAPR program, beginning with the 2017 ozone season; however, EPA stated that it will perform additional modeling that could result in changing that proposal. A final revised CSAPR is expected in mid- to late-2016. Under the current terms of the CSAPR, the State of Florida is only affected by the ozone season requirements of the rule, which apply from May through September. The fact that annual NO_x and SO_2 CSAPR programs are not required in Florida is due in large part to the installation and operation of emissions control projects designed to comply with CAIR.

B. Vacatur of CAMR and Adoption of MATS

In February 2008, the D.C. Circuit Court vacated CAMR and rejected EPA's delisting of coal-fired EGUs from the list of emission sources that are subject to Section 112 of the Clean Air Act. *See New Jersey v. EPA*, 517 F.3d 574 (D.C. Cir. 2008). As a result, in lieu of CAMR, EPA was required to adopt new emissions standards for control of various hazardous air pollutant emissions from coal-fired EGUs. *Id*. EPA issued its proposed rule to replace CAMR on March 16, 2011, with publication following in the *Federal Register* on May 3, 2011. *See* 76 Fed. Reg. 24976 (May 3, 2011). On February 16, 2012, EPA published the final rule which established new MATS limits for emissions of various metals and acid gases from both coal- and oil-fired EGUs. Compliance generally must be achieved within three years of EPA's adoption of MATS (i.e., April 16, 2015), although the Clean Air Act authorizes permitting authorities to grant one-year compliance extensions in certain circumstances. On June 29, 2015, the U.S. Supreme Court remanded the MATS rule to the D.C. Circuit, finding that the EPA insufficiently considered costs in determining that it is "appropriate and necessary" to regulate mercury from power plants. On December 15, 2015, the D.C. Circuit remanded the MATS rule to EPA without vacatur, and EPA committed to completing its consideration of cost by April 16, 2016. On March 3, 2016, the U.S. Supreme Court denied a request for a stay of the MATS rule while the EPA completes it cost consideration, thus the MATS rule remains in effect pending the cost consideration process. On March 18, 2016, a coalition of 20 states led by Michigan petitioned the Court for a writ of certiorari asking the Court to declare whether an administrative rule promulgated without statutory authority may be left in effect by a reviewing court during the pendency of its review. *See State of Mich., et al. v. EPA*, Pet. for Writ of Cert. to U.S. Sup. Ct. (filed Mar. 18, 2016)

In the 2011 ECRC docket, the Commission recognized that EPA's adoption of MATS for EGUs would require the Company to modify its Integrated Clean Air Compliance Plan. Order No. PSC-11-0553-FOF-EI, at 11. Accordingly, consistent with the Commission's expectation that utilities "take steps to control the level of costs that must be incurred for environmental compliance," Order No. PSC-08-0775-FOF-EI, at 7, the Commission approved the Company's request to recover costs incurred to assess EPA's proposed rule, prepare comments to EPA, and develop compliance strategies within the aggressive regulatory timeframes proposed by EPA.

C. Greenhouse Gas Regulation

In 2007, then-Governor Crist issued Executive Order 07-127 directing the FDEP to promulgate regulations requiring reductions in utility CO_2 emissions. In addition, the 2008 Florida Legislature enacted legislation authorizing FDEP to adopt rules establishing a cap-and-trade program and requiring the FDEP to submit any such rules for legislative review and ratification. However, the FDEP did not adopt any cap-and-trade rules, and the Legislature subsequently repealed the 2008 law. Likewise, although a number of bills that would regulate GHG emissions have been introduced to Congress over the past several years, none have become law. In the meantime, the EPA has begun implementing a regulatory approach to reducing GHG emissions through the Clean Air Act. At this time, however, there are no GHG emission standards applicable to DEF's existing generating units. Moreover, there are still no retrofit options commercially available to reduce CO_2 emissions from fossil fuel-fired electric generating units such as CR Units 4 and 5, which are the primary focus of DEF's compliance plan. To date, there have been no large-scale commercial carbon capture and storage technology demonstrations on electric utility units. Until numerous technological, regulatory, and liability issues are resolved, it will be impossible to determine whether carbon capture and storage would be a technically-feasible or cost-effective means of complying with a CO_2 regulatory regime. Moreover, replacing coal-fired generation from CR Units 4 and 5 with lower CO_2-emitting natural gas-fired combined cycle generation is not a viable option at this late date, particularly given the fact that DEF has placed in service Plan D components.

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

On August 3, 2015, the EPA released the final New Source Performance Standards ("NSPS") for CO_2 emissions from existing fossil fuel-fired EGUs (also known as the Clean Power Plan or "CPP"). The final CPP establishes state-specific emission goals; for Florida, the goals begin a phased approach in 2022, ending with a rate goal of 919 lb. CO_2/MWh annual average for the period 2030 and beyond. Alternatively, the state can adopt a mass emissions approach culminating in a 2030 target of 105,094,704 tons (existing units) or 106,641,595 tons (existing plus new units). The final CPP has been challenged in the D.C. Circuit by 27 states and a number of industry groups. Oral argument is scheduled for June 2 and 3, 2016. In addition, on February 9, 2016, the U.S. Supreme Court placed a stay on the CPP until such time that all litigation is completed.

Also, on August 3, 2015, the EPA released the final NSPS for CO_2 emissions from new, modified and reconstructed fossil fuel-fired EGUs. The rule includes emission limits of 1,400 lb. CO_2/MWh for new coal-fired units and 1,000 lb. CO_2/MWh for new natural gas combined-cycle units. This rule has also been challenged in the D.C. Circuit.

D. Status of BART Requirements under CAVR

In 2009, the FDEP issued a permit imposing BART requirements for particulate matter ("PM") emissions from CR Units 1 and 2. The 2009 permit did not impose BART requirements for SO_2 and NO_x emissions because, at the time, the EPA assumed that compliance with CAIR would satisfy BART requirements for SO_2 and NO_x. Following the proposed adoption of CSAPR, in early 2012, the EPA revised its previous determination to replace the "CAIR satisfies BART" assumption with "CSAPR satisfies BART." In late 2011, CSAPR was vacated (although recently re-instated – see part A above), leaving CAIR in effect and resulting in confusion regarding the ability to rely on CAIR (or CSAPR) to satisfy BART requirements. As a result, in 2012, the Company worked with the FDEP to develop and finalize air construction permits to address SO_2 and NO_x emissions from CR Units 1 and 2 in support of FDEP's development of a revised Regional Haze SIP to address CAVR requirements for SO_2 and NO_x. The permits call for the installation of Dry FGD and SCR no later than January 1, 2018, or within 5 years of the effective date of the EPA's approval of the Florida Regional Haze SIP, whichever is later, or alternatively the discontinuation of the use of coal in CR Units 1 and 2 by December 31, 2020. The latter of the two options was ultimately selected by DEF.

As discussed in the Company's 2013 Integrated Clean Air Compliance Plan, the FDEP subsequently submitted to EPA a revised Regional Haze SIP containing unit-specific determinations for SO_2 and NO_x, including the new permit requirements for CR Units 1 and 2. EPA formally approved the FDEP's revised Regional Haze SIP in August 2013. *See* 78 Fed Reg. 53250 (Aug. 29, 2013). Although third parties initially petitioned for review of EPA's approval in the U.S. Court of Appeals for the Eleventh Circuit, the petition was subsequently withdrawn and the SIP approval remains in place.

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

The EPA and FDEP are working to implement a new one-hour NAAQS for SO_2. In mid-2013, the EPA finalized nonattainment designations for two small areas in Florida outside of DEF's service territory (one in Nassau County, one in Hillsborough County) based on existing monitoring data. The EPA deferred making any area designations (attainment, nonattainment, or unclassifiable) for the remainder of the state. On August 21, 2015, the EPA published a final rule that describes requirements for additional ambient air quality monitoring and/or modeling that will be used to determine future rounds of area designations. Under the rule, the EPA will make future nonattainment designations in 2017 for modeled areas and in 2020 for monitored areas. DEF will continue to monitor these regulatory efforts and update the Commission on potential impact to DEF facilities.

EPA also revised its NO_2 NAAQS to implement a new one-hour standard. At this time, however, DEF does not anticipate that the new standard will impact compliance measures at DEF facilities.

On October 1, 2015, the EPA issued a revised NAAQS for ambient ozone, changing the standard to 70 parts per billion (ppb) averaged over 8 hours from the previous level of 75 ppb. There are currently no nonattainment areas with respect to the revised standard in Florida; therefore, DEF does not anticipate an impact on its compliance measures.

III. DEF's Integrated Clean Air Compliance Plan

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

A. FGD Systems

The most significant component of DEF's Integrated Clean Air Compliance Plan is the installation of FGD systems, also known as wet scrubbers, on CR Units 4 and 5 to comply with CAIR, Title IV of the Clean Air Act, and other SO_2 control requirements in DEF's air permits for these units. The FGDs also reduce mercury and acid gasses and, therefore, are a key component of DEF's MATS compliance strategy. In particular, the co-benefits of the FGDs and SCRs reduce mercury emissions by 90-95% under typical conditions.

B. SCR & Other NO_x Controls

The primary component of DEF's NO_x compliance plan is the installation of LNBs and SCR systems on CR Units 4 and 5. These controls enable DEF to comply with CAIR/CSAPR and other NO_x control requirements included in its air permits for the units. As discussed above, the SCRs also help achieve MATS requirements for mercury.

DEF has taken strategic advantage of CAIR's cap-and-trade feature by purchasing some annual and ozone season NO_x allowances; however, as explained above, the court stay of the CSAPR was lifted, and the rule went into effect replacing CAIR on January 1, 2015. Under the CSAPR, the State of Florida is only affected by the ozone season requirements of the rule, which apply in May through September. Consequently, DEF has NO_x CAIR emission allowances that cannot be used to comply with the CSAPR. DEF has established a regulatory asset to recover the costs of its remaining NO_x CAIR emission allowance inventory over a three-year amortization period beginning January 2015 in accordance with Order No. PSC-11-0553-FOF-EI.

C. Additional MATS Compliance Strategies

DEF determined that the most cost-effective option for its Anclote Units 1 and 2 was conversion to fire 100% natural gas rather than installation of emission controls to comply with MATS. This was approved by the Commission in Docket 120103-EI.

Suwannee Units 1, 2 and 3 operate exclusively on natural gas and, therefore, are not subject to MATS requirements.

DEF utilizes ESP, FGD, and SCR systems as the primary MATS control technologies for CR Units 4 and 5. In addition, DEF has installed chemical injection systems to mitigate mercury re-emissions from the FGDs.

For CR Units 1&2, DEF has determined that the use of alternative coals (along with dry sorbent injection, PAC injection, and ESP enhancements) is a feasible and cost-effective strategy to allow these units to continue running for a limited period of time in compliance with MATS and BART requirements until new generation can be built. This plan was approved by the Commission in Order No. PSC-14-0173-PAA-EI (April 17, 2014).

D. Visibility Requirements

DEF operates four units that are potentially subject to BART under CAVR: Anclote Units 1 and 2 and CR Units 1 and 2. Based on modeling of air emissions from Anclote Units 1 and 2, those units are exempt from BART for PM. Because the modeling results for CR Units 1 and 2 showed visibility impacts at or above regulatory threshold levels, DEF obtained a BART permit in 2009 for PM for those units. This permit established a combined BART PM emission standard for Crystal River Units 1 and 2 that requires demonstration of compliance by October 1, 2013. This deadline was met and the units now operate in compliance with the permit which was effective on January 1, 2014. As discussed above, in 2012 FDEP issued air construction permits addressing SO_2 and NO_x requirements for CR Units 1 and 2 in support of FDEP's development of a revised Regional Haze SIP. These units are also subject to the Reasonable Further Progress ("Beyond BART") requirements under CAVR which are scheduled to take effect in 2018. As presented in the Company's petition approved in Order PSC-14-0173-PAA-EI, DEF determined that the use of alternative coals with installation of less expensive pollution controls will provide a cost-effective means for it to continue operating CR Units 1 and 2 in compliance with MATS and CAVR for a limited time until replacement generation can be constructed.

IV. Efficacy of DEF's Plan

A. Project Milestones

DEF completed installation of Plan D's controls on CR Units 4 and 5 as contemplated in prior ECRC filings. CR Units 4 and 5 FGD and SCR projects are now in-service, and targeted environmental benefits have been met. In addition to reducing SO_2 and NO_x emissions, the

FGDs and SCRs have the combined effect of reducing mercury and other emissions regulated by MATS. DEF installed mercury re-emission control systems in 2015 and has demonstrated compliance with the applicable MATS requirements for CR Units 4 and 5.

The Commission approved DEF's Need Petition in Docket No. 140110-EI to construct the Citrus County Combined Cycle Units which are scheduled for commercial operation in 2018 and will allow for the retirement of coal-fired CR Units 1 and 2. DEF installed pollution controls on CR Units 1 and 2 to allow for continued operation in compliance with MATS and BART until the Citrus units are operational. Targeted environmental benefits have been met.

Anclote Units 1 and 2 were converted to fire 100% natural gas in 2013. Necessary upgrades to the forced draft fans were completed in 2014 in order to maintain unit output. Targeted environmental benefits have been met.

B. Projects

CR Units 4 and 5 FGD and SCR projects are now in-service, and the targeted environmental benefits have been met. The Anclote units have been converted to fire 100% natural gas. DEF intends to continue operating CR Units 1 and 2 in compliance with BART and MATS requirements as outlined in Order No. PSC-14-0173-PAA-EI.

C. Uncertainties

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

- The final regulation on cooling water intake structures, Clean Water Act Section 316(b), could influence decisions with regard to control technologies to meet new standards. The rule was issued on May 19, 2014 with an effective date of October 14, 2014. The requirements are currently being assessed in conjunction with air regulations, and DEF's compliance strategies may be altered when this evaluation is complete. Compliance with the 316(b) rule could result in the need for substantial capital improvements and/or plant modifications which could influence decisions with regard to control technologies to meet new standards.
- On September 30, 2015, the EPA finalized the updated Steam Electric Effluent Limitation Guidelines ("ELG") for electric power plants, with a publication date of

November 3, 2015. Compliance with this rule will affect decisions associated with the treatment of wastewater generated by the wet FGDs, and discharges from the bottom ash dewatering system at CR Units 4 and 5.

- EPA signed the final CCR rule on December 19, 2014 and it was published on April 17, 2015. This rule will affect decisions associated with the handling of CCRs, including fly ash, bottom ash, and materials generated from operation of wet FGDs, including synthetic gypsum. DEF completed installation of 21 monitoring wells in December 2015 and January 2016. Sampling of these wells will be performed with results statistically analyzed in January 2018 to determine the need for further actions to comply with the rule.

V. Conclusion

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