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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

DIRECT TESTIMONY OF

THOMAS G. FOSTER

ON BEHALF OF

DUKE ENERGY FLORIDA

AUGUST 30, 2013

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

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

**Q. Have you previously filed testimony before this Commission in Docket No. 130007-EI?**

A: Yes, I provided direct testimony on April 1, 2013 and August 1, 2013.

**Q. Has your job description, education background or professional experience changed since that time?**

A: No.

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

A. The purpose of my testimony is to present, for Commission review and approval, Duke Energy Florida's (DEF or Company) calculation of revenue requirements and Environmental Cost Recovery Clause (ECRC) factors for

1 customer billings for the period January 2014 through December 2014. My  
2 testimony addresses capital and O&M expenses associated with DEF's  
3 environmental compliance activities for the year 2014.

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

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

- 8 1. Exhibit No. \_\_\_\_(TGF-5), which consists of PSC Forms 42-1P through 42-  
9 8P; and
- 10 2. Exhibit No. \_\_\_\_(TGF-6), which provides details of capital projects.

11

12 The following individuals are co-sponsors of Forms 42-5P pages 1 through 21 as  
13 indicated in their testimony:

- 14 • Mr. Zeigler will co-sponsor Forms 42-5P pages 1, 2 and 10.
- 15 • Ms. West will co-sponsor Forms 42-5P pages 3, 4, 6, 8, 9, 11, 12, 13, 14,  
16 15, 16, 17, 18, and 19.
- 17 • Mr. Swartz and Ms. West will co-sponsor Form 42-5P page 7.
- 18 • Mr. Hellstern will co-sponsor Form 42-5P page 20.
- 19 • Mr. Swartz will co-sponsor Form 42-5P page 21.

20

21 **Q. What is the total recoverable revenue requirement relating to the**  
22 **projection period January 2014 through December 2014?**

1 A. The total recoverable revenue requirement including true-up amounts and  
2 revenue taxes is approximately \$87.1 million as shown on Form 42-1P, Line 5  
3 of Exhibit No. \_\_ (TGF-5).

4  
5 **Q. What is the total true-up to be applied for period January 2014 through**  
6 **December 2014?**

7 A. The total true-up applicable for this period is an under-recovery of  
8 approximately \$19.5 million. This consists of the final true-up under-recovery  
9 of approximately \$2 million for the period from January 2012 through  
10 December 2012 and an estimated true-up under-recovery of approximately  
11 \$17.5 million for the current period of January 2013 through December 2013.  
12 The detailed calculation supporting the 2013 estimated true-up was provided on  
13 Forms 42-1E through 42-8E of Exhibit No. \_\_ (TGF-3) filed with the  
14 Commission on August 1, 2013.

15  
16 **Q. Are all the costs listed in Forms 42-1P through 42-7P attributable to**  
17 **environmental compliance programs previously approved by the**  
18 **Commission?**

19 A. Yes, the following programs were previously approved by the Commission:

20

21 The Substation and Distribution System O&M programs (Project 1 & 2) were  
22 previously approved by the Commission in Order No. PSC-02-1735-FOF-EI.

23

1 The Pipeline Integrity Management Program (Project 3) and the Above Ground  
2 Tank Secondary Containment Program (Project 4) were previously approved in  
3 Order No. PSC-03-1348-FOF-EI.

4  
5 The recovery of sulfur dioxide (SO<sub>2</sub>) Emission Allowances (Project 5) was  
6 previously approved in Order No. PSC-95-0450-FOF-EI, however, the costs  
7 were moved to the ECRC Docket from the Fuel Docket beginning January 1,  
8 2004 at the request of Staff to be consistent with the other Florida investor  
9 owned utilities.

10  
11 The Phase II Cooling Water Intake 316(b) Program (Project 6) was previously  
12 approved in Order No. PSC-04-0990-PAA-EI.

13  
14 DEF's Integrated Clean Air Compliance Plan (Project 7) approved by the  
15 Commission as a prudent and reasonable means of complying with CAIR and  
16 related regulatory requirements in Order No. PSC-07-0922-FOF-EI.

17  
18 The Arsenic Groundwater Standard Program (Project 8), the Sea Turtle Lighting  
19 Program (No. 9), and the Underground Storage Tanks Program (No. 10) were  
20 previously approved in Order No. PSC-05-1251-FOF-EI.

21  
22 The Modular Cooling Tower Program (Project 11) was previously approved by  
23 the Commission in Order No. PSC-07-0722-FOF-EI.

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The Crystal River Thermal Discharge Compliance Project (Project 11.1) and the Greenhouse Gas Inventory and Reporting Project (Project 12) were previously approved in Order No. PSC-08-0775-FOF-EI.

The Total Maximum Daily Loads for Mercury Project (Project 13) was previously approved in Order No. PSC-09-0759-FOF-EI.

The Hazardous Air Pollutants (HAPs) ICR Project (Project 14) was previously approved in Order No. PSC-10-0099-PAA-EI.

The Effluent Limitations Guidelines ICR Project (Project 15) was previously approved in Order No. PSC-10-0683-PAA-EI.

National Pollutant Discharge Elimination System (NPDES) (Project 16) was previously approved in Order No. 11-0553-FOF-EI.

Mercury & Air Toxic Standards (MATS) (Project 17) which replaces Maximum Achievable Control Technology (MACT) was previously approved in Order No. 11-0553-FOF-EI and Order No. PSC-12-0432-PAA-EI.

1 **Q. Are costs that were incurred by DEF for the Thermal Discharge Permanent**  
2 **Cooling Tower (No. 11.1) being treated in accordance with Order No. PSC-**  
3 **13-0381-PAA-EI?**

4 A. Yes. DEF announced on February 5, 2013 that it will retire Crystal River Unit 3  
5 (CR3). Due to the reduction in thermal load resulting from the retirement of  
6 CR3, construction of the thermal discharge permanent cooling tower is no  
7 longer necessary. For that reason, DEF is treating costs of approximately \$18.2  
8 million incurred for the project, including any future exit or wind-down costs, as  
9 a regulatory asset as of January 1, 2013, and amortizing it over three years until  
10 fully recovered by December 31, 2015, with a return on the unamortized  
11 balance. The Commission approved this treatment in Order No. PSC-13-0381-  
12 PAA-EI.

13  
14 **Q. What capital structure, components and cost rates did DEF rely upon to**  
15 **calculate the revenue requirement rate of return for the period January**  
16 **2014 through December 2014?**

17 A. DEF used the capital structure, components, and cost rates consistent with the  
18 language in Order No. PSC-12-0425-PAA-EU. As such, DEF used the rates  
19 contained in its May 2013 Earnings Surveillance Report Weighted Average Cost  
20 of Capital. These rates are shown on Form 42-8P, Exhibit No. \_\_\_\_ (TGF-5).  
21 Form 42-8P includes the derivation of debt and equity components used in the  
22 Return on Average Net Investment, lines 7 (a) and (b).

23

1   **Q.    What effect does the Stipulation and Settlement Agreement in Order No.**  
2       **PSC-12-0104-FOF-EI and the 2013 Revised and Restated Stipulation and**  
3       **Settlement Agreement in Docket No. 130208, subject to approval by the**  
4       **Commission, have on the CAIR investments presented in this Docket?**

5    A.    As I described in my direct testimony dated August 30, 2012 in Docket No.  
6        120007-EI, pursuant to the Stipulation and Settlement Agreements, DEF  
7        disaggregated Project 7.4 CAIR assets that were projected to be in service by  
8        year end 2013 from those that were not expected to be in-service. The provision  
9        of the Stipulation and Settlement Agreement that provided authority for this  
10       disaggregation has been carried forward into the Revised and Restated  
11       Stipulation and Settlement Agreement. Specifically, paragraph 14 of both the  
12       Settlement Agreement and Revised and Restated Stipulation and Settlement  
13       Agreement states that effective with the first billing cycle of January 2014, DEF  
14       is authorized to remove capital assets installed and in-service on the Crystal  
15       River Units 4 & 5 power plants to comply with the Federal Clean Air Interstate  
16       Rule (CAIR) from the ECRC and transfer those capital assets to base rates in an  
17       amount equal to the annual retail revenue requirements of the assets projected to  
18       be in-service as of December 31, 2013 (excluding O&M related costs) which  
19       was reflected in the Company's filing (Form 42-4P; Project 7.4, Page 8 of 17) in  
20       Docket 120007-EI in Exhibit\_\_(TGF-3). The investments not projected to be  
21       in-service at year end 2013 continue to be recovered through the ECRC in future  
22       dockets and are included on Form 42-4P page 8 of 17 in Exhibit\_(TGF-5).  
23

1 **Q. Have you prepared schedules showing the calculation of the recoverable**  
2 **O&M project costs for 2014?**

3 A. Yes. Form 42-2P contained in Exhibit No. \_\_ (TGF-5) summarizes recoverable  
4 jurisdictional O&M cost estimates for these projects of approximately \$41.8  
5 million.

6

7 **Q. Have you prepared schedules showing the calculation of the recoverable**  
8 **capital project costs for 2014?**

9 A. Yes. Form 42-3P contained in Exhibit No. \_\_ (TGF-5) summarizes recoverable  
10 jurisdictional capital cost estimates for these projects of approximately \$25.7  
11 million. Form 42-4P, pages 1 through 17, shows detailed calculations of these  
12 costs.

13

14 **Q. Have you prepared schedules providing progress reports for all**  
15 **environmental compliance projects?**

16 A. Yes. Form 42-5P, pages 1 through 21, contained in Exhibit No. \_\_ (TGF-5)  
17 provide a description, progress, and recoverable cost estimates for each project.

18

19 **Q. What is the total projected jurisdictional costs for environmental**  
20 **compliance projects for the year 2014?**

21 A. Total jurisdictional capital and O&M costs of approximately \$67.5 million to be  
22 recovered through the ECRC are calculated on Form 42-1P, Line 1c of Exhibit  
23 No. \_\_ (TGF-5).



1 **Q. Please describe how the proposed ECRC factors are developed.**

2 A. The ECRC factors are calculated as shown on Forms 42-6P and 42-7P contained in  
3 Exhibit No. \_\_ (TGF-5). The demand component of class allocation factors are  
4 calculated by determining the percentage each rate class contributes to monthly  
5 system peaks adjusted for losses for each rate class which is obtained from DEF's  
6 load research study filed with the Commission July 2012. The energy allocation  
7 factors are calculated by determining the percentage each rate class contributes to  
8 total kilowatt-hour sales adjusted for losses for each rate class. Form 42-7P  
9 presents the calculation of the proposed ECRC billing factors by rate class.

10

11 **Q. What are DEF's proposed 2014 ECRC billing factors by the various rate**  
12 **classes and delivery voltages?**

13 A. The computation of DEF's proposed ECRC factors for 2014 customer billings is  
14 shown on Form 42-7P in Exhibit No. \_\_ (TGF-5). These factors are as follows:

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RATE CLASS	ECRC FACTORS 12CP & 1/13AD
Residential	0.243 cents/kWh
General Service Non-Demand  @ Secondary Voltage  @ Primary Voltage  @ Transmission Voltage	0.236 cents/kWh  0.234 cents/kWh  0.231 cents/kWh
General Service 100% Load Factor	0.206 cents/kWh
General Service Demand  @ Secondary Voltage  @ Primary Voltage  @ Transmission Voltage	0.221 cents/kWh  0.219 cents/kWh  0.217 cents/kWh
Curtailable  @ Secondary Voltage  @ Primary Voltage  @ Transmission Voltage	0.294 cents/kWh  0.291 cents/kWh  0.288 cents/kWh
Interruptible  @ Secondary Voltage  @ Primary Voltage  @ Transmission Voltage	0.201 cents/kWh  0.199 cents/kWh  0.197 cents/kWh
Lighting	0.183 cents/kWh

1 **Q. When is DEF requesting that the proposed ECRC billing factors be**  
2 **effective?**

3 A. DEF is requesting that its proposed ECRC billing factors be effective with the  
4 first bill group for January 2014 and continue through the last bill group for  
5 December 2014.

6

7 **Q. Please summarize your testimony.**

8 A. My testimony supports the approval of an average ECRC billing factor of 0.232  
9 cents per kWh which includes projected jurisdictional capital and O&M revenue  
10 requirements for the period January 2014 through December 2014 of  
11 approximately \$67.5 million associated with a total of 17 environmental  
12 projects, and a true-up under-recovery provision of approximately \$19.5 million  
13 from prior periods. My testimony also demonstrates that projected  
14 environmental expenditures for 2014 are appropriate for recovery through the  
15 ECRC.

16

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

18 A. Yes.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause**  
**Commission Forms 42-1P Through 42-8P**

**January 2014 - December 2014**  
**Calculation for the Projected Period Amount**  
**January through December 2014**

**DOCKET NO. 130007-EI**

**DUKE ENERGY FLORIDA**  
Environmental Cost Recovery Clause (ECRC)  
Total Jurisdictional Amount to be Recovered  
For the Projected Period  
**January 2014 through December 2014**  
(in Dollars)

Form 42-1P

Docket No. 130007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 2 of 45

Line	Energy	Transmission Demand	Distribution Demand	Production Demand	Total
1 Total Jurisdictional Rev. Req. for the projected period					
a Projected O&M Activities (Form 42-2P, Lines 7 through 9)	\$39,210,034	\$760,296	\$785,819	\$1,047,781	\$41,803,930
b Projected Capital Projects (Form 42-3P, Lines 7 through 9)	16,381,300	0	1,462	9,324,930	25,707,691
c Total Jurisdictional Rev. Req. for the projected period (Lines 1a + 1b)	<u>55,591,334</u>	<u>760,296</u>	<u>787,281</u>	<u>10,372,711</u>	<u>67,511,621</u>
2 True-up for Estimated Over/(Under) Recovery for the current period January 2013 - December 2013 (Form 42-2E, Line 5 + 6 + 10)	(9,164,896)	(1,080,581)	(244,896)	(7,056,822)	(17,547,195)
3 Final True-up for the period January 2012 - December 2012 (Form 42-1A, Line 3)	<u>(2,175,994)</u>	<u>200,889</u>	<u>(93,212)</u>	<u>67,153</u>	<u>(2,001,164)</u>
4 Total Jurisdictional Amount to Be Recovered/(Refunded) in the Projection period January 2014 - December 2014 (Line 1 - Line 2 - Line 3)	<u>66,932,223</u>	<u>1,639,988</u>	<u>1,125,388</u>	<u>17,362,380</u>	<u>87,059,979</u>
5 Total Projected Jurisdictional Amount Adjusted for Taxes (Line 4 x Revenue Tax Multiplier of 1.00072)	<u><u>\$66,980,415</u></u>	<u><u>\$1,641,168</u></u>	<u><u>\$1,126,198</u></u>	<u><u>\$17,374,881</u></u>	<u><u>\$87,122,663</u></u>

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

Form 42-2P

Docket No. 130007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_\_ (TGF-5)  
Page 3 of 45

**O&M Activities**  
**(in Dollars)**

Line	Description	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Description of O&M Activities													
1	Transmission Substation Environmental Investigation, Remediation, and	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$90,250	\$1,083,000
1a	Distribution Substation Environmental Investigation, Remediation, and	64,417	64,417	64,417	64,417	64,417	64,417	64,417	64,417	64,417	64,417	64,417	64,417	773,004
2	Distribution System Environmental Investigation, Remediation, and	0	0	0	0	0	0	0	0	0	0	0	15,800	15,800
3	Pipeline Integrity Management - Bartow/Anclote Pipeline	46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000	368,000
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	170,624	133,341	177,127	271,450	379,263	383,965	444,268	480,642	419,099	290,808	181,503	154,471	3,486,561
6	Phase II Cooling Water Intake 316(b) - Base	200,000	0	200,000	0	200,000	0	0	40,000	40,000	40,000	40,000	40,000	800,000
6a	Phase II Cooling Water Intake 316(b) - Intm	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	0	36,500	0	0	0	0	0	0	0	0	0	7,822	44,322
7.4	CAIR/CAMR Crystal River - Base	995,516	1,164,598	2,136,013	1,769,628	1,144,043	1,230,019	1,156,692	1,484,443	1,150,769	1,829,730	1,798,300	1,028,994	16,888,745
7.4	CAIR/CAMR Crystal River - Energy	1,418,485	1,172,476	1,172,946	1,332,659	1,072,590	1,084,405	1,659,896	2,027,649	1,994,896	1,979,371	1,693,510	1,983,751	18,592,634
7.4	CAIR/CAMR Crystal River - A&G	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	201,594
7.4	CAIR/CAMR Crystal River - Conditions of Certification	0	0	0	0	0	2,500	0	0	0	0	0	2,500	5,000
7.5	Best Available Retrofit Technology (BART) - Energy	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Arsenic Groundwater Standard - Base	0	0	20,000	0	20,000	0	0	0	0	0	0	0	40,000
9	Sea Turtle - Coastal Street Lighting - Distrib	40	40	40	40	40	40	40	40	40	40	40	40	480
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	37,500	10,000	107,435	17,500	4,290	84,625	17,500	0	97,435	11,750	4,290	84,875	477,200
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	2,750	11,841	12,516	11,841	11,841	12,516	43,549	43,549	44,224	43,549	63,549	104,224	405,950
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	0	0	100,000	300,000	400,000	150,000	50,000	0	0	20,000	50,000	0	1,070,000
2	Total of O&M Activities	3,042,381	2,746,262	4,143,543	3,920,585	3,449,533	3,165,536	3,589,412	4,293,791	3,917,929	4,386,715	4,002,658	3,593,944	44,252,290
3	Recoverable Costs Allocated to Energy	1,629,359	1,327,657	1,570,024	1,933,451	1,867,983	1,718,011	2,215,213	2,551,841	2,555,654	2,345,478	1,992,852	2,329,821	24,037,345
4	Recoverable Costs Allocated to Demand - Transm	90,250	90,250	90,250	90,250	90,250	90,250	90,250	90,250	90,250	90,250	90,250	90,250	1,083,000
	Recoverable Costs Allocated to Demand - Distrib	64,457	64,457	64,457	64,457	64,457	64,457	64,457	64,457	64,457	64,457	64,457	80,257	789,284
	Recoverable Costs Allocated to Demand - Prod-Base	1,195,516	1,164,598	2,356,013	1,769,628	1,364,043	1,230,019	1,156,692	1,524,443	1,190,769	1,869,730	1,838,300	1,068,994	17,728,745
	Recoverable Costs Allocated to Demand - Prod-Intm	46,000	46,000	46,000	46,000	46,000	46,000	46,000	46,000	0	0	0	0	368,000
	Recoverable Costs Allocated to Demand - Prod-Peaking	0	36,500	0	0	0	0	0	0	0	0	0	7,822	44,322
	Recoverable Costs Allocated to Demand - A&G	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	16,799	201,594
5	Retail Energy Jurisdictional Factor	0.97119	0.97246	0.98117	0.97479	0.97151	0.97144	0.96362	0.96142	0.96132	0.96030	0.96877	0.97962	
6	Retail Transmission Demand Jurisdictional Factor	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	0.70203	
	Retail Distribution Demand Jurisdictional Factor	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	0.99561	
	Retail Production Demand Jurisdictional Factor - Base	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
	Retail Production Demand Jurisdictional Factor - Intm	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	0.72703	
	Retail Production Demand Jurisdictional Factor - Peaking	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	0.95924	
	Retail Production Demand Jurisdictional Factor - A&G	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	0.93221	
7	Jurisdictional Energy Recoverable Costs (A)	1,582,417	1,291,091	1,540,465	1,884,705	1,814,755	1,668,951	2,134,617	2,453,389	2,456,793	2,252,352	1,930,609	2,282,336	23,292,480
8	Jurisdictional Demand Recoverable Costs - Transm (B)	63,358	63,358	63,358	63,358	63,358	63,358	63,358	63,358	63,358	63,358	63,358	63,358	760,296
	Jurisdictional Demand Recoverable Costs - Distrib (B)	64,174	64,174	64,174	64,174	64,174	64,174	64,174	64,174	64,174	64,174	64,174	79,905	785,819
	Jurisdictional Demand Recoverable Costs - Prod-Base (B)	1,110,455	1,081,737	2,188,383	1,643,719	1,266,991	1,142,503	1,074,393	1,415,979	1,106,045	1,736,699	1,707,505	992,935	16,467,344
	Jurisdictional Demand Recoverable Costs - Prod-Intm (B)	33,443	33,443	33,443	33,443	33,443	33,443	33,443	33,443	0	0	0	0	267,544
	Jurisdictional Demand Recoverable Costs - Prod-Peaking (B)	0	35,012	0	0	0	0	0	0	0	0	0	7,503	42,515
	Jurisdictional Demand Recoverable Costs - A&G (B)	15,661	15,661	15,661	15,661	15,661	15,661	15,661	15,661	15,661	15,661	15,661	15,661	187,932
9	Total Jurisdictional Recoverable Costs for O&M Activities (Lines 7 + 8)	\$2,869,508	\$2,584,476	\$3,905,484	\$3,705,060	\$3,258,382	\$2,988,090	\$3,385,646	\$4,046,004	\$3,706,031	\$4,132,244	\$3,781,307	\$3,441,698	\$41,803,930

Notes:

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

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

Form 42-3P

Docket No. 130007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 4 of 45

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

Line	Description	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
<b>1</b>	<b>Description of Investment Projects (A)</b>													
3.1	Pipeline Integrity Management - Bartow/Anclote Pipeline - Intermediate	\$24,755	\$24,707	\$24,657	\$24,609	\$24,560	\$24,512	24,462	\$24,413	\$24,365	\$24,315	\$24,267	\$24,218	\$293,840
4.1	Above Ground Tank Secondary Containment - Peaking	123,573	123,286	122,997	122,710	122,422	122,134	121,847	121,559	121,271	120,983	120,696	120,409	1,463,887
4.2	Above Ground Tank Secondary Containment - Base	28,069	28,037	28,007	27,975	27,943	27,912	27,880	27,849	27,818	27,786	27,755	27,723	334,754
4.3	Above Ground Tank Secondary Containment - Intermediate	2,796	2,791	2,786	2,782	2,777	2,773	2,768	2,764	2,759	2,755	2,750	2,745	33,246
5	SO2/NOX Emissions Allowances - Energy	153,554	152,238	150,894	148,952	146,135	142,831	139,245	135,241	131,345	128,272	126,228	124,773	1,679,708
7.1	CAIR/CAMR Anclote- Intermediate	0	0	0	0	0	0	0	0	0	0	0	0	0
7.2	CAIR/CAMR - Peaking	19,568	19,537	19,507	19,476	19,445	19,415	19,384	19,354	19,323	19,292	19,262	19,230	232,793
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	32,142	34,941	38,754	43,805	47,318	49,090	50,862	52,634	54,407	56,179	57,951	62,703	580,786
7.4	CAIR/CAMR Crystal River AFUDC - Energy	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	53,505
9	Sea Turtle - Coastal Street Lighting -Distribution	115	117	118	119	120	122	123	124	126	127	128	129	1,468
10.1	Underground Storage Tanks - Base	1,638	1,635	1,632	1,630	1,627	1,625	1,622	1,620	1,617	1,615	1,612	1,609	19,482
10.2	Underground Storage Tanks - Intermediate	776	774	772	770	769	767	765	764	762	760	758	756	9,193
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	507,810	603,323	598,952	594,582	590,213	585,842	581,472	577,103	572,732	568,362	563,993	559,622	6,904,006
16	National Pollutant Discharge Elimination System (NPDES) - Intermediate	87,984	88,608	89,141	89,611	93,986	122,990	138,525	138,253	137,980	137,708	137,435	137,163	1,399,384
17	Mercury & Air Toxic Standards (MATS) CR4 & CR5 - Energy	6,824	8,395	9,344	10,652	11,355	13,503	19,980	28,622	34,666	36,814	42,519	45,548	268,222
17.1	Mercury & Air Toxic Standards (MATS) Anclote Gas Conversion - Energy	800,855	887,821	886,405	884,988	1,120,170	1,342,056	1,358,596	1,364,718	1,364,506	1,363,054	1,360,943	1,359,886	14,093,998
17.2	Mercury & Air Toxic Standards (MATS) CR1 & CR2 - Energy	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	20,172
<b>2</b>	<b>Total Investment Projects - Recoverable Costs</b>	<b>\$1,796,599</b>	<b>\$1,982,350</b>	<b>\$1,980,106</b>	<b>\$1,978,801</b>	<b>\$2,214,980</b>	<b>\$2,461,712</b>	<b>\$2,493,671</b>	<b>\$2,501,158</b>	<b>\$2,499,817</b>	<b>\$2,494,162</b>	<b>\$2,492,437</b>	<b>\$2,492,654</b>	<b>\$27,388,444</b>
<b>3</b>	<b>Recoverable Costs Allocated to Energy</b>	<b>967,373</b>	<b>1,054,594</b>	<b>1,052,783</b>	<b>1,050,732</b>	<b>1,283,800</b>	<b>1,504,530</b>	<b>1,523,961</b>	<b>1,534,721</b>	<b>1,536,657</b>	<b>1,534,280</b>	<b>1,535,830</b>	<b>1,536,347</b>	<b>16,115,605</b>
	Recoverable Costs Allocated to Distribution Demand	115	117	118	119	120	122	123	124	126	127	128	129	1,468
<b>4</b>	<b>Recoverable Costs Allocated to Demand - Production - Base</b>	<b>569,659</b>	<b>667,936</b>	<b>667,345</b>	<b>667,992</b>	<b>667,101</b>	<b>664,469</b>	<b>661,836</b>	<b>659,206</b>	<b>656,574</b>	<b>653,942</b>	<b>651,311</b>	<b>651,657</b>	<b>7,839,028</b>
	Recoverable Costs Allocated to Demand - Production - Intermediate	116,311	116,880	117,356	117,772	122,092	151,042	166,520	166,194	165,866	165,538	165,210	164,882	1,735,663
	Recoverable Costs Allocated to Demand - Production - Peaking	143,141	142,823	142,504	142,186	141,867	141,549	141,231	140,913	140,594	140,275	139,958	139,639	1,696,680
<b>5</b>	<b>Retail Energy Jurisdictional Factor</b>	<b>0.97119</b>	<b>0.97246</b>	<b>0.98117</b>	<b>0.97479</b>	<b>0.97151</b>	<b>0.97144</b>	<b>0.96362</b>	<b>0.96142</b>	<b>0.96132</b>	<b>0.96030</b>	<b>0.96877</b>	<b>0.97962</b>	
	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	
<b>6</b>	<b>Retail Demand Jurisdictional Factor - Production - Base</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	<b>0.92885</b>	
	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	
<b>7</b>	<b>Jurisdictional Energy Recoverable Costs (B)</b>	<b>939,502</b>	<b>1,025,548</b>	<b>1,032,962</b>	<b>1,024,241</b>	<b>1,247,218</b>	<b>1,461,566</b>	<b>1,468,514</b>	<b>1,475,510</b>	<b>1,477,214</b>	<b>1,473,362</b>	<b>1,487,861</b>	<b>1,505,034</b>	<b>15,618,532</b>
	Jurisdictional Demand Recoverable Costs - Distribution (B)	114	116	117	118	119	121	122	123	125	126	127	128	1,462
<b>8</b>	<b>Jurisdictional Demand Recoverable Costs - Production - Base (C)</b>	<b>523,024</b>	<b>613,160</b>	<b>612,664</b>	<b>613,317</b>	<b>612,542</b>	<b>610,150</b>	<b>607,757</b>	<b>605,367</b>	<b>602,975</b>	<b>600,582</b>	<b>598,191</b>	<b>598,565</b>	<b>7,198,295</b>
	Jurisdictional Demand Recoverable Costs - Production - Intermediate (C)	84,562	84,975	85,321	85,624	88,765	109,812	121,065	120,828	120,590	120,351	120,113	119,874	1,261,879
	Jurisdictional Demand Recoverable Costs - Production - Peaking (C)	137,307	137,002	136,696	136,390	136,085	135,779	135,474	135,169	134,863	134,557	134,253	133,947	1,627,523
<b>9</b>	<b>Total Jurisdictional Recoverable Costs for Investment Projects (Lines 7 + 8)</b>	<b>\$1,684,509</b>	<b>\$1,860,802</b>	<b>\$1,867,761</b>	<b>\$1,859,691</b>	<b>\$2,084,729</b>	<b>\$2,317,429</b>	<b>2,332,933</b>	<b>\$2,336,998</b>	<b>\$2,335,766</b>	<b>\$2,328,979</b>	<b>\$2,340,545</b>	<b>\$2,357,549</b>	<b>\$25,707,691</b>

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

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	2,614,704	
3	Less: Accumulated Depreciation	(642,049)	(647,693)	(653,337)	(658,981)	(664,625)	(670,269)	(675,913)	(681,557)	(687,201)	(692,845)	(698,489)	(704,133)	(709,777)	
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)	\$1,972,655	\$1,967,011	\$1,961,367	\$1,955,723	\$1,950,079	\$1,944,435	\$1,938,791	\$1,933,147	\$1,927,503	\$1,921,859	\$1,916,215	\$1,910,571	\$1,904,927	
6	Average Net Investment		\$1,969,833	\$1,964,189	\$1,958,545	\$1,952,901	\$1,947,257	\$1,941,613	\$1,935,969	\$1,930,325	\$1,924,681	\$1,919,037	\$1,913,393	\$1,907,749	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	3,693	3,683	3,672	3,662	3,651	3,641	3,630	3,619	3,609	3,598	3,588	3,577	43,623
	b. Equity Component Grossed Up For Taxes	8.14%	13,362	13,324	13,285	13,247	13,209	13,171	13,132	13,094	13,056	13,017	12,979	12,941	157,817
	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	0
	d. Property Taxes (D)		2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	2,056	24,672
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$24,755	\$24,707	\$24,657	\$24,609	\$24,560	\$24,512	\$24,462	\$24,413	\$24,365	\$24,315	\$24,267	\$24,218	293,840
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$24,755	\$24,707	\$24,657	\$24,609	\$24,560	\$24,512	\$24,462	\$24,413	\$24,365	\$24,315	\$24,267	\$24,218	293,840
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)		17,998	17,963	17,926	17,891	17,856	17,821	17,785	17,749	17,714	17,678	17,643	17,607	213,630
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$17,998	\$17,963	\$17,926	\$17,891	\$17,856	\$17,821	\$17,785	\$17,749	\$17,714	\$17,678	\$17,643	\$17,607	\$213,630

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Pipeline Integrity Management section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	11,301,803	
3	Less: Accumulated Depreciation	(2,008,491)	(2,041,718)	(2,074,945)	(2,108,172)	(2,141,399)	(2,174,626)	(2,207,853)	(2,241,080)	(2,274,307)	(2,307,534)	(2,340,761)	(2,373,988)	(2,407,215)	
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)	\$9,293,313	\$9,260,086	\$9,226,859	\$9,193,632	\$9,160,405	\$9,127,178	\$9,093,951	\$9,060,724	\$9,027,497	\$8,994,270	\$8,961,043	\$8,927,816	\$8,894,589	
6	Average Net Investment		\$9,276,699	\$9,243,472	\$9,210,245	\$9,177,018	\$9,143,791	\$9,110,564	\$9,077,337	\$9,044,110	\$9,010,883	\$8,977,656	\$8,944,429	8,911,202	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	17,394	17,332	17,269	17,207	17,145	17,082	17,020	16,958	16,895	16,833	16,771	16,709	204,615
	b. Equity Component Grossed Up For Taxes	8.14%	62,927	62,702	62,476	62,251	62,025	61,800	61,575	61,349	61,124	60,898	60,673	60,448	740,248
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	33,227	398,724
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		0	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)		10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	10,025	120,300
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$123,573	\$123,286	\$122,997	\$122,710	\$122,422	\$122,134	\$121,847	\$121,559	\$121,271	\$120,983	\$120,696	\$120,409	1,463,887
	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		\$123,573	\$123,286	\$122,997	\$122,710	\$122,422	\$122,134	\$121,847	\$121,559	\$121,271	\$120,983	\$120,696	\$120,409	1,463,887
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)		118,536	118,261	117,984	117,708	117,432	117,156	116,881	116,604	116,328	116,052	115,776	115,501	1,404,219
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$118,536	\$118,261	\$117,984	\$117,708	\$117,432	\$117,156	\$116,881	\$116,604	\$116,328	\$116,052	\$115,776	\$115,501	\$1,404,219

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	2,881,962	
3	Less: Accumulated Depreciation	(302,978)	(306,608)	(310,238)	(313,868)	(317,498)	(321,128)	(324,758)	(328,388)	(332,018)	(335,648)	(339,278)	(342,908)	(346,538)	
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)	\$2,578,984	\$2,575,354	\$2,571,724	\$2,568,094	\$2,564,464	\$2,560,834	\$2,557,204	\$2,553,574	\$2,549,944	\$2,546,314	\$2,542,684	\$2,539,054	\$2,535,424	
6	Average Net Investment		\$2,577,169	\$2,573,539	\$2,569,909	\$2,566,279	\$2,562,649	\$2,559,019	\$2,555,389	\$2,551,759	\$2,548,129	\$2,544,499	\$2,540,869	\$2,537,239	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	4,832	4,825	4,819	4,812	4,805	4,798	4,791	4,785	4,778	4,771	4,764	4,757	57,537
	b. Equity Component Grossed Up For Taxes	8.14%	17,482	17,457	17,433	17,408	17,383	17,359	17,334	17,309	17,285	17,260	17,236	17,211	208,157
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	3,630	43,560
	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)		2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	2,125	25,500
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$28,069	\$28,037	\$28,007	\$27,975	\$27,943	\$27,912	\$27,880	\$27,849	\$27,818	\$27,786	\$27,755	\$27,723	334,754
	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		\$28,069	\$28,037	\$28,007	\$27,975	\$27,943	\$27,912	\$27,880	\$27,849	\$27,818	\$27,786	\$27,755	\$27,723	334,754
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)		26,072	26,042	26,014	25,985	25,955	25,926	25,896	25,868	25,839	25,809	25,780	25,751	310,936
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$26,072	\$26,042	\$26,014	\$25,985	\$25,955	\$25,926	\$25,896	\$25,868	\$25,839	\$25,809	\$25,780	\$25,751	\$310,936

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	
3	Less: Accumulated Depreciation	(47,586)	(48,111)	(48,636)	(49,161)	(49,686)	(50,211)	(50,736)	(51,261)	(51,786)	(52,311)	(52,836)	(53,361)	(53,886)	
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)	\$242,712	\$242,187	\$241,662	\$241,137	\$240,612	\$240,087	\$239,562	\$239,037	\$238,512	\$237,987	\$237,462	\$236,937	\$236,412	
6	Average Net Investment		\$242,449	\$241,924	\$241,399	\$240,874	\$240,349	\$239,824	\$239,299	\$238,774	\$238,249	\$237,724	\$237,199	\$236,674	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	455	454	453	452	451	450	449	448	447	446	445	444	5,394
	b. Equity Component Grossed Up For Taxes	8.14%	1,645	1,641	1,637	1,634	1,630	1,627	1,623	1,620	1,616	1,613	1,609	1,605	19,500
	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)		171	171	171	171	171	171	171	171	171	171	171	171	2,052
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,796	\$2,791	\$2,786	\$2,782	\$2,777	\$2,773	\$2,768	\$2,764	\$2,759	\$2,755	\$2,750	\$2,745	33,246
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$2,796	\$2,791	\$2,786	\$2,782	\$2,777	\$2,773	\$2,768	\$2,764	\$2,759	\$2,755	\$2,750	\$2,745	33,246
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)		2,033	2,029	2,026	2,023	2,019	2,016	2,012	2,010	2,006	2,003	1,999	1,996	24,171
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$2,033	\$2,029	\$2,026	\$2,023	\$2,019	\$2,016	\$2,012	\$2,010	\$2,006	\$2,003	\$1,999	\$1,996	\$24,171

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in Above Ground Tank Secondary Containment section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

End of  
Period  
Total

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Working Capital Dr (Cr)														
	a. 1581001 SO <sub>2</sub> Emission Allowance Inventory	\$3,974,551	\$3,945,863	\$3,921,696	\$3,889,320	\$3,851,515	\$3,803,222	\$3,756,625	\$3,706,603	\$3,655,511	\$3,608,390	\$3,582,314	\$3,552,431	\$3,526,548	\$3,526,548
	b. 25401FL Auctioned SO <sub>2</sub> Allowance	(570,710)	(542,977)	(515,244)	(487,511)	(459,617)	(431,844)	(404,070)	(376,297)	(348,524)	(320,750)	(292,977)	(265,204)	(237,431)	(\$237,431)
	c. 1581002 NO <sub>x</sub> Emission Allowance Inventory	14,416,232	14,246,564	14,109,657	13,937,174	13,675,634	13,316,890	12,951,749	12,529,730	12,072,406	11,672,655	11,380,149	11,200,757	11,044,396	11,044,396
	d. Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Total Working Capital	\$17,820,073	\$17,649,450	\$17,516,109	\$17,338,982	\$17,067,531	\$16,688,269	\$16,304,304	\$15,860,035	\$15,379,393	\$14,960,294	\$14,669,486	\$14,487,984	\$14,333,513	\$14,333,513
3	Average Net Investment		\$17,734,762	\$17,582,779	\$17,427,545	\$17,203,257	\$16,877,900	\$16,496,286	\$16,082,169	\$15,619,714	\$15,169,844	\$14,814,890	\$14,578,735	\$14,410,748	
4	Return on Average Net Working Capital Balance (A)														
	a. Debt Component 2.25%		33,253	32,968	32,677	32,256	31,646	30,931	30,154	29,287	28,443	27,778	27,335	27,020	363,748
	b. Equity Component Grossed Up For Taxes 8.14%		120,301	119,270	118,217	116,696	114,489	111,900	109,091	105,954	102,902	100,494	98,893	97,753	1,315,960
5	Total Return Component (B)		\$153,554	\$152,238	\$150,894	\$148,952	\$146,135	\$142,831	\$139,245	\$135,241	\$131,345	\$128,272	\$126,228	\$124,773	1,679,708
6	Expense Dr (Cr)														
	a. 5090001 SO <sub>2</sub> Allowance Expense		28,688	24,167	32,376	37,805	48,292	46,598	50,022	51,091	47,121	26,076	29,883	25,883	448,004
	b. 4074004 Amortization Expense		(27,733)	(27,733)	(27,733)	(27,894)	(27,773)	(27,773)	(27,773)	(27,773)	(27,773)	(27,773)	(27,773)	(27,773)	(333,280)
	c. 5090003 NO <sub>x</sub> Allowance Expense		169,668	136,907	172,483	261,540	358,744	365,141	422,020	457,324	399,751	292,505	179,393	156,361	3,371,836
	d. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
7	Net Expense (C)		170,624	133,341	177,127	271,450	379,263	383,965	444,268	480,642	419,099	290,808	181,503	154,471	3,486,561
8	Total System Recoverable Expenses (Lines 5 + 7)		\$324,178	\$285,579	\$328,021	\$420,402	\$525,398	\$526,796	\$583,513	\$615,883	\$550,444	\$419,080	\$307,731	\$279,244	5,166,269
	a. Recoverable costs allocated to Energy		324,178	285,579	328,021	420,402	525,398	526,796	583,513	615,883	550,444	419,080	307,731	279,244	5,166,269
	b. Recoverable costs allocated to Demand		0	0	0	0	0	0	0	0	0	0	0	0	
9	Energy Jurisdictional Factor		0.97119	0.97246	0.98117	0.97479	0.97151	0.97144	0.96362	0.96142	0.96132	0.96030	0.96877	0.97962	
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)		\$314,838	\$277,714	\$321,845	\$409,803	\$510,426	\$511,753	\$562,283	\$592,122	\$529,151	\$402,441	\$298,119	\$273,553	5,004,048
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)		\$ 314,838	\$ 277,714	\$ 321,845	\$ 409,803	\$ 510,426	\$ 511,753	\$ 562,283	\$ 592,122	\$ 529,151	\$ 402,441	\$ 298,119	\$ 273,553	\$ 5,004,048

**Notes:**

- (A) Line 3 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (B) Line 5 is reported on Capital Schedule
- (C) Line 7 is reported on O&M Schedule
- (D) Line 8a x Line 9
- (E) Line 8b x Line 10

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108	1,936,108
3	Less: Accumulated Depreciation	(261,216)	(264,766)	(268,316)	(271,866)	(275,416)	(278,966)	(282,516)	(286,066)	(289,616)	(293,166)	(296,716)	(300,266)	(303,816)	
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)	\$1,674,892	\$1,671,342	\$1,667,792	\$1,664,242	\$1,660,692	\$1,657,142	\$1,653,592	\$1,650,042	\$1,646,492	\$1,642,942	\$1,639,392	\$1,635,842	\$1,632,292	
6	Average Net Investment		1,673,117	1,669,567	1,666,017	1,662,467	1,658,917	1,655,367	1,651,817	1,648,267	1,644,717	1,641,167	1,637,617	1,634,067	
7	Return on Average Net Investment (B)														
	a. Debt Component 2.25%		3,137	3,130	3,124	3,117	3,110	3,104	3,097	3,091	3,084	3,077	3,071	3,064	37,206
	b. Equity Component Grossed Up For Taxes 8.14%		11,349	11,325	11,301	11,277	11,253	11,229	11,205	11,181	11,157	11,133	11,109	11,084	134,603
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	3,550	42,600
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	1,532	18,384
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$19,568	\$19,537	\$19,507	\$19,476	\$19,445	\$19,415	\$19,384	\$19,354	\$19,323	\$19,292	\$19,262	\$19,230	232,793
	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		\$19,568	\$19,537	\$19,507	\$19,476	\$19,445	\$19,415	\$19,384	\$19,354	\$19,323	\$19,292	\$19,262	\$19,230	232,793
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
11	Demand Jurisdictional Factor - Production (Peaking)		0.95924	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)		18,770	18,741	18,712	18,682	18,652	18,624	18,594	18,565	18,535	18,506	18,477	18,446	223,304
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$18,770	\$18,741	\$18,712	\$18,682	\$18,652	\$18,624	\$18,594	\$18,565	\$18,535	\$18,506	\$18,477	\$18,446	\$223,304

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (C) Depreciation calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property tax calculated in CAIR CTs section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6	Average Net Investment		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
7	Return on Average Net Investment (B)														
	a. Debt Component		0	0	0	0	0	0	0	0	0	0	0	0	\$0
	b. Equity Component Grossed Up For Taxes		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)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	0.92885	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		0	0	0	0	0	0	0	0	0	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

General Note> CAIR/CAMR CMMS (Project 7.3) costs transferred to MATS - CR4&5 (Project 17) and MATS - CR1&2 (Project 17.2) as explained in the direct testimony of Ms. Patrica West dated 8/1/13.

Notes:

(A) N/A

(B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.

(C) Line 2 x rate x 1/12. Depreciation Rate based on 2010 Rate Case Order PSC-10-0131-FOF-EI.

(D) Line 2 x rate x 1/12. Based on 2012 Effective Tax Rate on original cost.

(E) Line 9a x Line 10

(F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**Return on Capital Investments, Depreciation and Taxes**  
**For Project: CAIR/CAMR - Base (Project 7.4 - Crystal River FGD and SCR)**  
**(in Dollars)**  
**(CAIR Projects Not Projected to be In Service by Year End 2013)**

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$208,333	\$442,574	\$442,574	\$442,574	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$3,202,722
	b. Clearings to Plant		0	0	0	702,722	0	0	0	0	0	0	0	2,200,760	
	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	\$1,341,616	1,341,616	1,341,616	1,341,616	2,044,338	2,044,338	2,044,338	2,044,338	2,044,338	2,044,338	2,044,338	2,044,338	4,245,098	
3	Less: Accumulated Depreciation	(14,954)	(17,158)	(19,362)	(21,566)	(24,493)	(28,143)	(31,793)	(35,443)	(39,093)	(42,743)	(46,393)	(50,043)	(55,056)	
4	CWIP - AFUDC-Interest Bearing	1,913,740	2,122,074	2,564,648	3,007,222	2,747,074	2,955,407	3,163,740	3,372,074	3,580,407	3,788,740	3,997,074	4,205,407	2,212,981	
5	Net Investment (Lines 2 + 3 + 4)	\$3,240,402	\$3,446,532	\$3,886,902	\$4,327,272	\$4,766,918	\$4,971,602	\$5,176,285	\$5,380,968	\$5,585,652	\$5,790,335	\$5,995,018	\$6,199,702	\$6,403,022	
6	Average Net Investment		\$3,343,467	\$3,666,717	\$4,107,087	\$4,547,095	\$4,869,260	\$5,073,943	\$5,278,627	\$5,483,310	\$5,687,993	\$5,892,677	\$6,097,360	\$6,301,362	
7	Return on Average Net Investment (B)														
	a. Debt Component 2.25%		6,269	6,875	7,701	8,526	9,130	9,514	9,897	10,281	10,665	11,049	11,433	11,815	113,155
	b. Equity Component Grossed Up For Taxes 8.14%		22,680	24,873	27,860	30,844	33,030	34,418	35,807	37,195	38,584	39,972	41,360	42,744	409,367
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		2,204	2,204	2,204	2,927	3,650	3,650	3,650	3,650	3,650	3,650	3,650	5,013	40,102
	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)		989	989	989	1,508	1,508	1,508	1,508	1,508	1,508	1,508	1,508	3,131	18,162
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$32,142	\$34,941	\$38,754	\$43,805	\$47,318	\$49,090	\$50,862	\$52,634	\$54,407	\$56,179	\$57,951	\$62,703	\$580,786
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	\$0
	b. Recoverable Costs Allocated to Demand		\$32,142	\$34,941	\$38,754	\$43,805	\$47,318	\$49,090	\$50,862	\$52,634	\$54,407	\$56,179	\$57,951	\$62,703	\$580,786
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)		29,855	32,455	35,997	40,688	43,951	45,597	47,243	48,889	50,536	52,182	53,828	58,242	539,463
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$29,855	\$32,455	\$35,997	\$40,688	\$43,951	\$45,597	\$47,243	\$48,889	\$50,536	\$52,182	\$53,828	\$58,242	\$539,463

General Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU and included in the 2013 Revised and Restated Stipulation and Settlement Agreement in Docket No. 130208-EI which is subject to approval by the Commission, these assets were not projected to be in-service as of year end 2013 and accordingly will not be moved to base rates in 2014.

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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-E
- (C) Depreciation calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2010 Rate Case Order PSC-10-0131-FOF-EI.
- (D) Property taxes calculated in CAIR Crystal River section of Capital Program Detail file only on assets in-service. Calculated on that schedule as Line 2 x rate x 1/12. Based on 2011 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Working Capital Dr (Cr)														
	a. 1544001 Ammonia Inventory	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481	\$55,481
	b. 1544004 Limestone Inventory	459,481	459,481	459,481	459,481	459,481	459,481	459,481	459,481	459,481	459,481	459,481	459,481	459,481	459,481
2	Total Working Capital	\$514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962
3	Average Net Investment		514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	514,962	
4	Return on Average Net Working Capital Balance (A)														
	a. Debt Component	2.25%	966	966	966	966	966	966	966	966	966	966	966	966	\$11,587
	b. Equity Component Grossed Up For Taxes	8.14%	3,493	3,493	3,493	3,493	3,493	3,493	3,493	3,493	3,493	3,493	3,493	3,493	41,918
5	Total Return Component (B)		4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	4,459	53,505
6	Expense Dr (Cr)														
	a. 5020011 Ammonia Expense		316,767	248,926	244,254	301,776	298,428	307,227	308,837	314,703	306,438	301,550	225,994	294,699	3,469,600
	b. 5020012 Limestone Expense		685,899	539,882	530,593	660,943	652,857	670,627	673,020	685,215	667,818	655,863	489,113	632,205	7,544,035
	c. 5020013 Dibasic Acid Expense		0	0	22,000	0	0	0	0	22,000	0	0	0	0	44,000
	d. 5020003 Gypsum Disposal/Sale		219,902	224,158	219,067	180,593	(66,197)	(85,551)	485,419	810,081	829,395	833,756	831,724	874,584	5,356,930
	e. 5020014 Bottom/Fly Ash Reagents Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
	f. 5020015 Hydrated Lime		170,917	134,510	132,032	164,347	162,502	167,102	167,619	170,650	166,246	163,203	121,679	157,262	1,878,070
	g. 5020016 Caustic		25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	300,000
7	Net Expense (C)		1,418,485	1,172,476	1,172,946	1,332,659	1,072,590	1,084,405	1,659,896	2,027,649	1,994,896	1,979,371	1,693,510	1,983,751	18,592,634
8	Total System Recoverable Expenses (Lines 5 + 7)		\$1,422,944	\$1,176,934	\$1,177,405	\$1,337,118	\$1,077,049	\$1,088,864	\$1,664,355	\$2,032,108	\$1,999,355	\$1,983,830	\$1,697,969	\$1,988,209	\$18,646,139
	a. Recoverable costs allocated to Energy		1,422,944	1,176,934	1,177,405	1,337,118	1,077,049	1,088,864	1,664,355	2,032,108	1,999,355	1,983,830	1,697,969	1,988,209	18,646,139
	b. Recoverable costs allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
9	Energy Jurisdictional Factor		0.97119	0.97246	0.98117	0.97479	0.97151	0.97144	0.96362	0.96142	0.96132	0.96030	0.96877	0.97962	
10	Demand Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Retail Energy-Related Recoverable Costs (D)		1,381,949	1,144,520	1,155,238	1,303,407	1,046,358	1,057,770	1,603,800	1,953,708	1,922,013	1,905,063	1,644,936	1,947,687	18,066,447
12	Retail Demand-Related Recoverable Costs (E)		0	0	0	0	0	0	0	0	0	0	0	0	0
13	Total Jurisdictional Recoverable Costs (Lines 11 + 12)		\$ 1,381,949	\$ 1,144,520	\$ 1,155,238	\$ 1,303,407	\$ 1,046,358	\$ 1,057,770	\$ 1,603,800	\$ 1,953,708	\$ 1,922,013	\$ 1,905,063	\$ 1,644,936	\$ 1,947,687	\$ 18,066,447

**Notes:**

- (A) Line 3 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% and statutory income tax rate of 38.575% (inc tax multiplier = 1.628002). See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU Docket No. 120007-EI.
- (B) Line 5 is reported on Capital Schedule
- (C) Line 7 is reported on O&M Schedule
- (D) Line 8a x Line 9
- (E) Line 8b x Line 10



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$175	\$2,100
	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	\$10,654	10,654	10,654	10,654	10,654	10,654	10,654	10,654	10,654	10,654	10,654	10,654	10,654	
3	Less: Accumulated Depreciation	(1,957)	(1,984)	(2,011)	(2,038)	(2,065)	(2,092)	(2,119)	(2,146)	(2,173)	(2,200)	(2,227)	(2,254)	(2,281)	
4	CWIP - Non-Interest Bearing	500	675	850	1,025	1,200	1,375	1,550	1,725	1,900	2,075	2,250	2,425	2,600	
5	Net Investment (Lines 2 + 3 + 4)	\$9,197	\$9,345	\$9,493	\$9,641	\$9,789	\$9,937	\$10,085	\$10,233	\$10,381	\$10,529	\$10,677	\$10,825	\$10,973	
6	Average Net Investment		9,271	9,419	9,567	9,715	9,863	10,011	10,159	10,307	10,455	10,603	10,751	10,899	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	17	18	18	18	18	19	19	19	20	20	20	20	\$226
	b. Equity Component Grossed Up For Taxes	8.14%	63	64	65	66	67	68	69	70	71	72	73	74	822
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.0658%	27	27	27	27	27	27	27	27	27	27	27	27	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 (D)	0.009210	8	8	8	8	8	8	8	8	8	8	8	8	96
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$115	\$117	\$118	\$119	\$120	\$122	\$123	\$124	\$126	\$127	\$128	\$129	\$1,468
	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	\$117	\$118	\$119	\$120	\$122	\$123	\$124	\$126	\$127	\$128	\$129	\$1,468
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	116	117	118	119	121	122	123	125	126	127	128	1,462
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$114	\$116	\$117	\$118	\$119	\$121	\$122	\$123	\$125	\$126	\$127	\$128	\$1,462

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941	168,941
3	Less: Accumulated Depreciation	(28,240)	(28,536)	(28,832)	(29,128)	(29,424)	(29,720)	(30,016)	(30,312)	(30,608)	(30,904)	(31,200)	(31,496)	(31,792)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$140,701	\$140,405	\$140,109	\$139,813	\$139,517	\$139,221	\$138,925	\$138,629	\$138,333	\$138,037	\$137,741	\$137,445	\$137,149	
6	Average Net Investment		140,553	140,257	139,961	139,665	139,369	139,073	138,777	138,481	138,185	137,889	137,593	137,297	
7	Return on Average Net Investment (B)														
	a. Debt Component 2.25%		264	263	262	262	261	261	260	260	259	259	258	257	\$3,126
	b. Equity Component Grossed Up For Taxes 8.14%		953	951	949	947	945	943	941	939	937	935	933	931	11,304
	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) 0.008850		125	125	125	125	125	125	125	125	125	125	125	125	1,500
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,638	\$1,635	\$1,632	\$1,630	\$1,627	\$1,625	\$1,622	\$1,620	\$1,617	\$1,615	\$1,612	\$1,609	\$19,482
	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		\$1,638	\$1,635	\$1,632	\$1,630	\$1,627	\$1,625	\$1,622	\$1,620	\$1,617	\$1,615	\$1,612	\$1,609	\$19,482
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)		1,521	1,519	1,516	1,514	1,511	1,509	1,507	1,505	1,502	1,500	1,497	1,495	18,096
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$1,521	\$1,519	\$1,516	\$1,514	\$1,511	\$1,509	\$1,507	\$1,505	\$1,502	\$1,500	\$1,497	\$1,495	\$18,096

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006	76,006
3	Less: Accumulated Depreciation	(16,913)	(17,116)	(17,319)	(17,522)	(17,725)	(17,928)	(18,131)	(18,334)	(18,537)	(18,740)	(18,943)	(19,146)	(19,349)	(19,349)
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)	\$59,093	\$58,890	\$58,687	\$58,484	\$58,281	\$58,078	\$57,875	\$57,672	\$57,469	\$57,266	\$57,063	\$56,860	\$56,657	
6	Average Net Investment		58,992	58,789	58,586	58,383	58,180	57,977	57,774	57,571	57,368	57,165	56,962	56,759	
7	Return on Average Net Investment (B)														
	a. Debt Component 2.25%		111	110	110	109	109	109	108	108	108	107	107	106	1,302
	b. Equity Component Grossed Up For Taxes 8.14%		400	399	397	396	395	393	392	391	389	388	386	385	4,711
	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) 0.009730		62	62	62	62	62	62	62	62	62	62	62	62	744
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$776	\$774	\$772	\$770	\$769	\$767	\$765	\$764	\$762	\$760	\$758	\$756	\$9,193
	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		\$776	\$774	\$772	\$770	\$769	\$767	\$765	\$764	\$762	\$760	\$758	\$756	\$9,193
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)		564	563	561	560	559	558	556	555	554	553	551	550	6,684
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$564	\$563	\$561	\$560	\$559	\$558	\$556	\$555	\$554	\$553	\$551	\$550	\$6,684

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$12,113,239	\$12,113,239	\$11,608,522	\$11,103,805	\$10,599,088	\$10,094,371	\$9,589,654	\$9,084,937	\$8,580,220	\$8,075,503	\$7,570,786	\$7,066,069	\$6,561,352	
3	Less: Current Period Amortization	0	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	(504,717)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3 + 4)	\$12,113,239	\$11,608,522	\$11,103,805	\$10,599,088	\$10,094,371	\$9,589,654	\$9,084,937	\$8,580,220	\$8,075,503	\$7,570,786	\$7,066,069	\$6,561,352	\$6,056,635	
6	Average Net Investment		\$11,860,880	\$11,356,163	\$10,851,446	\$10,346,729	\$9,842,012	\$9,337,295	\$8,832,578	\$8,327,861	\$7,823,144	\$7,318,427	\$6,813,710	\$6,308,993	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	22,239	21,293	20,346	19,400	18,454	17,507	16,561	15,615	14,668	13,722	12,776	11,829	204,410
	b. Equity Component Grossed Up For Taxes	8.14%	80,456	77,033	73,609	70,185	66,762	63,338	59,914	56,491	53,067	49,643	46,220	42,796	739,514
	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)		504,717	504,717	504,717	504,717	504,717	504,717	504,717	504,717	504,717	504,717	504,717	504,717	6,056,604
	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)		280	280	280	280	280	280	280	280	280	280	280	280	3,360
	e. Other (G)		(99,882)	0	0	0	0	0	0	0	0	0	0	0	(99,882)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$507,810	\$603,323	\$598,952	\$594,582	\$590,213	\$585,842	\$581,472	\$577,103	\$572,732	\$568,362	\$563,993	\$559,622	\$6,904,006
	a. Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Recoverable Costs Allocated to Demand		\$507,810	\$603,323	\$598,952	\$594,582	\$590,213	\$585,842	\$581,472	\$577,103	\$572,732	\$568,362	\$563,993	\$559,622	\$6,904,006
10	Energy Jurisdictional Factor		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
11	Demand Jurisdictional Factor - Production (Base)		0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	0.91683	
12	Retail Energy-Related Recoverable Costs (E)		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	0
13	Retail Demand-Related Recoverable Costs (F)		465,575	553,145	549,137	545,131	541,125	537,118	533,111	529,105	525,098	521,091	517,086	513,078	6,329,800
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$465,575	\$553,145	\$549,137	\$545,131	\$541,125	\$537,118	\$533,111	\$529,105	\$525,098	\$521,091	\$517,086	\$513,078	\$6,329,800

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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) Investment amortized over three years as approved in Docket No. 130091 Order No. PSC-13-0381-PAA-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 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) Jan 2014 amt represents adjustment for difference between 2012 and 2013 demand jurisdictional factors.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$75,310	\$68,750	\$54,260	\$54,260	\$956,607	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,209,187
	b. Clearings to Plant		0	0	0	0	0	11,333,349	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	11,333,349	11,333,349	11,333,349	11,333,349	11,333,349	11,333,349	11,333,349	11,333,349
3	Less: Accumulated Depreciation	0	0	0	0	0	0	(15,741)	(47,222)	(78,703)	(110,184)	(141,665)	(173,146)	(204,627)	
4	CWIP - Non-Interest Bearing	10,124,162	10,199,472	10,268,222	10,322,482	10,376,742	11,333,349	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$10,124,162	\$10,199,472	\$10,268,222	\$10,322,482	\$10,376,742	\$11,333,349	\$11,317,608	\$11,286,127	\$11,254,646	\$11,223,165	\$11,191,684	\$11,160,203	\$11,128,722	
6	Average Net Investment		\$10,161,817	\$10,233,847	\$10,295,352	\$10,349,612	\$10,855,045	\$11,325,478	\$11,301,867	\$11,270,386	\$11,238,905	\$11,207,424	\$11,175,943	\$11,144,462	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	19,053	19,188	19,304	19,406	20,353	21,235	21,191	21,132	21,073	21,014	20,955	20,896	244,800
	b. Equity Component Grossed Up For Taxes	8.14%	68,931	69,420	69,837	70,205	73,633	76,825	76,664	76,451	76,237	76,024	75,810	75,597	885,634
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	3.3333%	0	0	0	0	0	15,741	31,481	31,481	31,481	31,481	31,481	31,481	204,627
	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)	0.009730	0	0	0	0	0	9,189	9,189	9,189	9,189	9,189	9,189	9,189	64,323
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$87,984	\$88,608	\$89,141	\$89,611	\$93,986	\$122,990	\$138,525	\$138,253	\$137,980	\$137,708	\$137,435	\$137,163	\$1,399,384
	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		\$87,984	\$88,608	\$89,141	\$89,611	\$93,986	\$122,990	\$138,525	\$138,253	\$137,980	\$137,708	\$137,435	\$137,163	\$1,399,384
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)		63,967	64,421	64,808	65,150	68,331	89,417	100,712	100,514	100,316	100,118	99,919	99,722	1,017,394
14	Total Jurisdictional Recoverable Costs (Lines 12 + 13)		\$63,967	\$64,421	\$64,808	\$65,150	\$68,331	\$89,417	\$100,712	\$100,514	\$100,316	\$100,118	\$99,919	\$99,722	\$1,017,394

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$164,000	\$200,000	\$20,000	\$0	\$0	\$500,000	\$1,000,000	\$1,000,000	\$400,000	\$100,000	\$0	\$0	\$3,384,000
	b. Clearings to Plant		0	0	0	696,000	0	0	0	0	0	0	3,000,000	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	\$230,627	230,627	230,627	230,627	926,627	926,627	926,627	926,627	926,627	926,627	926,627	3,926,627	3,926,627	
3	Less: Accumulated Depreciation	(5,670)	(6,145)	(6,620)	(7,095)	(8,286)	(10,193)	(12,100)	(14,007)	(15,914)	(17,821)	(19,728)	(24,723)	(32,805)	
4	CWIP - Non-Interest Bearing (G)	406,901	570,901	770,901	790,901	94,901	94,901	594,901	1,594,901	2,594,901	2,994,901	3,094,901	94,901	94,901	
5	Net Investment (Lines 2 + 3)	\$631,858	\$795,383	\$994,908	\$1,014,433	\$1,013,242	\$1,011,335	\$1,509,428	\$2,507,521	\$3,505,614	\$3,903,707	\$4,001,800	\$3,996,805	\$3,988,723	
6	Average Net Investment		\$713,620	\$895,145	\$1,004,670	\$1,013,837	\$1,012,288	\$1,260,381	\$2,008,474	\$3,006,567	\$3,704,660	\$3,952,753	\$3,999,302	\$3,992,764	
7	Return on Average Net Investment (B)														
	a. Debt Component	2.25%	1,338	1,678	1,884	1,901	1,898	2,363	3,766	5,637	6,946	7,411	7,499	7,486	49,807
	b. Equity Component Grossed Up For Taxes	8.14%	4,841	6,072	6,815	6,877	6,867	8,550	13,624	20,395	25,130	26,813	27,129	27,084	180,197
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)	2.4700%	475	475	475	1,191	1,907	1,907	1,907	1,907	1,907	1,907	4,995	8,082	27,135
	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)	0.008850	170	170	170	683	683	683	683	683	683	683	2,896	2,896	11,083
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$6,824	\$8,395	\$9,344	\$10,652	\$11,355	\$13,503	\$19,980	\$28,622	\$34,666	\$36,814	\$42,519	\$45,548	\$268,222
	a. Recoverable Costs Allocated to Energy		6,824	8,395	9,344	10,652	11,355	13,503	19,980	28,622	34,666	36,814	42,519	45,548	268,222
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Energy Jurisdictional Factor		0.97119	0.97246	0.98117	0.97479	0.97151	0.97144	0.96362	0.96142	0.96132	0.96030	0.96877	0.97962	
11	Demand Jurisdictional Factor - Production (Energy)		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)		\$6,627	\$8,164	\$9,168	\$10,383	\$11,031	\$13,117	\$19,253	\$27,518	\$33,325	\$35,352	\$41,191	\$44,620	259,749
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)		\$6,627	\$8,164	\$9,168	\$10,383	\$11,031	\$13,117	\$19,253	\$27,518	\$33,325	\$35,352	\$41,191	\$44,620	\$259,749

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) CWIP includes \$94,901 of CAIR/CAMR CMMS (Project 7.3) costs transferred to MATS - CR4&5 (Project 17) as explained in the direct testimony of Ms. Patrica West dated 8/1/13.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

**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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$19,788,682	\$3,018,602	\$1,886,798	\$3,097,248	\$1,819,158	\$1,837,352	\$1,587,079	\$201,988	\$151,988	\$0	\$0	\$0	\$33,388,894
	b. Clearings to Plant		0	0	0	0	40,528,585	1,837,352	1,587,079	201,988	151,988	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (A)		119,680	188,762	204,598	220,764	115,340	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$82,218,666	\$82,218,666	82,218,666	82,218,666	82,218,666	122,747,251	124,584,604	126,171,682	126,373,670	126,525,657	126,525,657	126,525,657	126,525,657	
3	Less: Accumulated Depreciation	(428,070)	(680,460)	(844,083)	(1,007,707)	(1,171,330)	(1,371,636)	(1,611,949)	(1,855,136)	(2,098,687)	(2,342,515)	(2,586,342)	(2,830,170)	(3,073,997)	
4	CWIP - AFUDC Bearing	10,068,953	29,977,315	33,184,679	35,276,075	38,594,087	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)	\$81,790,596	\$81,538,206	\$81,374,583	\$81,210,959	\$81,047,336	\$121,375,616	\$122,972,654	\$124,316,546	\$124,274,982	\$124,183,142	\$123,939,315	\$123,695,487	\$123,451,660	
6	Average Net Investment		\$81,664,401	\$81,456,394	\$81,292,771	\$81,129,147	\$80,972,921	\$122,174,135	\$123,644,600	\$124,295,764	\$124,229,062	\$124,061,229	\$123,817,401	\$123,573,574	
7	Return on Average Net Investment (B)														
	a. Debt Component 2.25%		153,121	152,731	152,424	152,117	189,925	229,077	231,834	233,055	232,929	232,615	232,158	231,929	2,423,915
	b. Equity Component Grossed Up For Tax: 8.14%		553,957	552,546	551,437	550,327	687,107	828,749	838,723	843,140	842,688	841,550	839,896	839,069	8,769,189
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C) 2.1722%		148,829	148,829	148,829	148,829	185,511	225,519	228,392	228,757	229,033	229,033	229,033	229,033	2,379,627
	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) 0.007080		48,509	48,509	48,509	48,509	72,421	73,505	74,441	74,560	74,650	74,650	74,650	74,650	787,563
	e. Other (E)		(103,561)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(14,794)	(266,301)
9	Total System Recoverable Expenses (Lines 7 + 8)		\$800,855	\$887,821	\$886,405	\$884,988	\$1,120,170	\$1,342,056	\$1,358,596	\$1,364,718	\$1,364,506	\$1,363,054	\$1,360,943	\$1,359,886	\$14,093,998
	a. Recoverable Costs Allocated to Energy		800,855	887,821	886,405	884,988	1,120,170	1,342,056	1,358,596	1,364,718	1,364,506	1,363,054	1,360,943	1,359,886	14,093,998
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Energy Jurisdictional Factor		0.97119	0.97246	0.98117	0.97479	0.97151	0.97144	0.96362	0.96142	0.96132	0.96030	0.96877	0.97962	
11	Demand Jurisdictional Factor - Production (Energy)		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)		\$777,782	\$863,369	\$869,717	\$862,676	\$1,088,251	\$1,303,732	\$1,309,166	\$1,312,066	\$1,311,722	\$1,308,935	\$1,318,436	\$1,332,170	13,658,022
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)		\$777,782	\$863,369	\$869,717	\$862,676	\$1,088,251	\$1,303,732	\$1,309,166	\$1,312,066	\$1,311,722	\$1,308,935	\$1,318,436	\$1,332,170	\$13,658,022

**Notes:**

- (A) AFUDC rate reflected within Docket 100134-EI per Order PSC (AFUDC Monthly Compound Rate) 0.5995%
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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 2012 Effective Tax Rate on original cost.
- (E) Depreciation Credit for retired assets consistent with 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 (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
	a. Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	b. Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
	c. Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
	d. Other - AFUDC (A)		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	CWIP - Non-Interest Bearing (G)	194,206	194,206	194,206	194,206	194,206	194,206	194,206	194,206	194,206	194,206	194,206	194,206	194,206	194,206
5	Net Investment (Lines 2 + 3)	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206
6	Average Net Investment		\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206	\$194,206
7	Return on Average Net Investment (B)														
	a. Debt Component 2.25%		364	364	364	364	364	364	364	364	364	364	364	364	4,368
	b. Equity Component Grossed Up For Taxes 8.14%		1,317	1,317	1,317	1,317	1,317	1,317	1,317	1,317	1,317	1,317	1,317	1,317	15,804
	c. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
	a. Depreciation (C)		0	0	0	0	0	0	0	0	0	0	0	0	0
	b. Amortization		N/A	0	0	0	0	0	0	0	0	0	0	0	0
	c. Dismantlement		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	d. Property Taxes (D)		0	0	0	0	0	0	0	0	0	0	0	0	0
	e. Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$1,681	\$20,172
	a. Recoverable Costs Allocated to Energy		1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	1,681	20,172
	b. Recoverable Costs Allocated to Demand		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
10	Energy Jurisdictional Factor		0.97119	0.97246	0.98117	0.97479	0.97151	0.97144	0.96362	0.96142	0.96132	0.96030	0.96877	0.97962	
11	Demand Jurisdictional Factor - Production (Energy)		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)		\$1,633	\$1,635	\$1,649	\$1,639	\$1,633	\$1,633	\$1,620	\$1,616	\$1,616	\$1,614	\$1,628	\$1,647	19,563
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)		\$1,633	\$1,635	\$1,649	\$1,639	\$1,633	\$1,633	\$1,620	\$1,616	\$1,616	\$1,614	\$1,628	\$1,647	\$19,563

**Notes:**

- (A) N/A
- (B) Line 6 x 10.39% x 1/12. Based on ROE of 10.5%, weighted cost of equity component of capital structure of 5.00% 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 2012 Effective Tax Rate on original cost.
- (E) Line 9a x Line 10
- (F) Line 9b x Line 11
- (G) CWIP includes \$194,206 of CAIR/CAMR CMMS (Project 7.3) costs transferred to MATS - CR1&2 (Project 17.2) as explained in the direct testimony of Ms. Patrica West dated 8/1/13.



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 1 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 22 of 45

**Project Title:** Substation Environmental Investigation, Remediation, and Pollution Prevention  
**Project No. 1**

**Project Description:**

Chapter 376, Florida Statutes, requires that any person discharging a prohibited pollutant shall undertake to contain, remove, and abate the discharge to the satisfaction of the Florida Department of Environmental Protection (FDEP). Similarly, Chapter 403, Florida Statutes provides that it is prohibited to cause pollution so as to harm or injury human health or welfare, animal, plant, or aquatic life or property. For DEF to continue to comply with these statutes, it is conducting environmental investigation, remediation, and pollution prevention activities associated with its substation facilities to determine the existence of pollutant discharges, and if present, their removal and remediation. Activities also include development and implementation of best management and pollution prevention measures at these facilities.

**Project Accomplishments:**

DEF completed 3 environmental remediations at substations during 2013. Soil and groundwater sampling continue as well as remediation report writing. 251 remediations are completed out of 279 slated for clean-up. DEF is continuing to work with the FDEP on remaining remediations.

**Project Fiscal Expenditures:**

2013 estimated project expenditures are approximately \$1.6 million higher than originally projected. This variance is primarily due to ongoing remediation work at Windermere substation and contaminated soil at Turner Plant substation which was not evident during initial environmental inspections.

**Project Progress Summary:**

PEF continues to remediate substation sites in accordance with the approved Substation Assessment and Remedial Action Plan (SARAP).

**Project Projections:**

2014 estimated project expenditures are approximately \$ 1.9 million.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 2 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 23 of 45

**Project Title:**                   **Distribution System Environmental Investigation, Remediation, and Pollution Prevention**  
**Project No. 2**

**Project Description:**

Chapter 376, Florida Statutes, requires that any person discharging a prohibited pollutant shall undertake to contain, remove, and abate the discharge to the satisfaction of the Florida Department of Environmental Protection (FDEP). Similarly, Chapter 403, Florida Statutes provides that it is prohibited to cause pollution so as to harm or injury human health or welfare, animal, plant, or aquatic life or property. For DEF to continue to comply with these statutes, it is conducting environmental investigation, remediation, and pollution prevention activities associated with its distribution system facilities to determine the existence of pollutant discharges, and if present, their removal and remediation. Activities also include development and implementation of best management and pollution prevention measures at these facilities.

**Project Accomplishments:**

DEF expects to complete abatement work at 4 of 5 remaining Transformer Replacement & Inspection Program (TRIP) sites in 2013. All TRIP remediations have been conducted in accordance with the FDEP approved Environmental Remediation Strategy.

**Project Fiscal Expenditures:**

2013 estimated project expenditures are estimated to be approximately \$79,000 lower than originally projected. This variance is primarily due to a reduction in remaining transformer sites planned for abatement work in 2013 from 9 to 5.

**Project Progress Summary:**

This project is on schedule according to the approved Distribution System Investigation, Remediation and Pollution Prevention Program.

**Project Projections:**

2014 estimated project expenditures are approximately \$16,000.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 3 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 24 of 45

**Project Title:** Pipeline Integrity Management, Review/Update Plan and Risk Assessments  
**Project No. 3**

**Project Description:**

The U.S. Department of Transportation (USDOT) Regulation 49 CFR Part 195, as amended effective 2/15/02, and the new regulation published at 67 Federal Register 2136 on 1/16/02, requires DEF to implement a Pipeline Integrity Management (PIM) Program. Prior to the 2/15/02 amendments, the USDOT's PIM regulations applied only to operators with 500 miles or more of hazardous liquid and carbon dioxide pipelines that could affect high consequence areas. The amendments which became effective on 2/15/02, extended the requirements for implementing integrity management to operators who have less than 500 miles of regulated pipelines. As such, DEF must improve the integrity of pipeline systems in order to protect public safety and the environment, as well as comply with continual assessment and evaluation of pipeline systems integrity through inspection or testing, data integration and analysis, and follow up with remedial, preventative, and mitigative actions. DEF owns one hazardous liquid pipeline, Bartow/Anclote 14-inch hot oil pipeline, extending 33.3 miles from the Company's Bartow Plant north of St. Petersburg to the Anclote Plant in Holiday, that is subject to PIM regulations.

Effective 2/2010, amendments to 49 CFR 195 were finalized to improve opportunities to reduce risk through more effective control of pipelines. Compliance with these amendments will enhance pipeline safety by coupling strengthened control room management with improved controller training and fatigue management. On 6/16/11, the USDOT published in the Federal Register (Vol. 76, 35130-35136), a final rule effective 8/15/11, that expedites the program implementation deadlines in the Control Room Management/Human Factors regulations in order to realize the safety benefits sooner than established in the original rule. This final rule amends the program implementation deadlines for different procedures to no later than 10/21/11 and 8/1/12.

**Project Accomplishments:**

The PIM Program has been fully implemented. The program plan has been revised seven times to address regulatory changes and improvements. Two smart pig (pipeline inspection gauge) runs have been completed with associated validations and repairs. Numerous risk reduction projects have been completed. The Control Room Management/Human Factors regulations have been implemented. The pipeline Maximum Operating Pressure was reduced in 2012 to increase the margin of safety and allow several repair projects to be postponed. One pipeline cover restoration project was completed in 2012. Risk reduction coordination is ongoing for third party projects at U.S. Highway 19 and Haines Bayshore Road, 9th Street and Gandy Boulevard, 118th Avenue, U.S. Highway 19 and Enterprise Road (the casing was extended on one side and flowable fill protection was provided on the other side), and Belleair Road (Dick Norris). The PIM Program was successfully audited by the Pipeline and Hazardous Material Safety Administration in 2012. National Pipeline Mapping System reviews and Annual Reports were completed in 2012 and 2013. One new High Consequence Area was identified in 2012 and incorporated into the program when a colony of Gopher Tortoises were found near the pipeline. The Risk Analysis, Overland Flow and Water Borne Transport Analysis, Preventive and Mitigative Measures Review, Abnormal Operating Conditions Review, and Threat Consequence Review were all updated in 2012. The Risk Analysis, and Overland Flow and Water Borne Transport Analysis have also been updated in 2013.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$221,000 lower than originally projected due to a delay of a FDOT project and smaller scope of environmental risk reduction work than expected. 2013 estimated capital expenditures are \$1.1 million lower than originally projected due to the correction of prior year accounting adjustments.

**Project Progress Summary:**

Ongoing regulatory compliance activities continue. This compliance work will continue through the end of 2013 and into 2014. These O&M costs are to comply with PIM regulations (49 CFR Part 195). These costs include general program management, and implementation of projects to maintain pipeline integrity and reduce the risk of a hazardous material release.

**Project Projections:**

2014 estimated O&M expenditures are approximately \$368,000. No capital expenditures are expected in 2014.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 4 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 25 of 45

**Project Title:** Above Ground Storage Tank Secondary Containment  
**Project No. 4**

**Project Description:**

Florida Department of Environmental Protection Rule (FDEP) 62-761.510(3) states that the Company is required to make improvements to its above ground petroleum storage tanks in order to comply with those provisions. Subsection (d) of that rule requires all internally lined single bottom above ground storage tanks to be upgraded with secondary containment, including secondary containment for piping in contact with the soil. Rule 62-761.500(1)(e) also requires that dike field area containment for pre-1998 tanks be upgraded, if needed, to comply with the requirement.

**Project Accomplishments:**

DEF has completed work at DeBary 1 and 2, Turner 7, Turner 8, Higgins 1, and Bartow 6 as well as Turner P-1 and P-2 piping work.

**Project Fiscal Expenditures:**

There are no estimated 2013 project expenditures.

**Project Progress Summary:**

DEF will continually evaluate its compliance program, including project prioritization, schedule and technology applications.

**Project Projections:**

There are no estimated 2014 project expenditures.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 5 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 26 of 45

**Project Title:**           **Integrated Clean Air Compliance Plan - SO<sub>2</sub> and NO<sub>x</sub> Emissions Allowances**  
**Project No. 5**

**Project Description:**

In accordance with the Acid Rain Program in Title IV of the Clean Air Act, CFR 40 Part 73 and Part 76, and Florida Administrative Code Rule 62-214 and the Clean Air Interstate Rule (CAIR), PEF manages sulfur dioxide (SO<sub>2</sub>) and nitrogen oxide (NO<sub>x</sub>) emissions allowance inventories for the purpose of offsetting SO<sub>2</sub> and NO<sub>x</sub> emission. On 7/6/11, the EPA issued the Cross-State Air Pollution Rule (CSAPR) to replace CAIR. CSAPR would significantly alter the SO<sub>2</sub> and NO<sub>x</sub> allowance programs. Under CAIR, Florida is required to comply with annual SO<sub>2</sub> and NO<sub>x</sub> emission requirements and seasonal requirements regulating NO<sub>x</sub> emissions during the ozone season. Under CSAPR, Florida would no longer included in the group of states required to comply with annual emissions requirements; it would only be covered by the seasonal ozone requirements. However, on 8/21/12, the U.S. Court of Appeals for the District of Columbia vacated CSAPR, leaving CAIR in effect until EPA adopts a valid replacement.

**Project Accomplishments:**

For purposes of compliance with an affected unit's SO<sub>2</sub> and NO<sub>x</sub> emissions requirements under the Acid Rain Program, air quality compliance costs are administered by an authorized account representative who evaluates a variety of resources and options. Activities performed include purchases of SO<sub>2</sub> and NO<sub>x</sub> emissions allowances as well as auctions and transfers of SO<sub>2</sub> emissions allowances.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$630,000 higher than originally projected due to increased burns at Crystal River Units 1&2.

**Project Progress Summary:**

PEF continually evaluates the status of emission rules to maximize the cost effectiveness of its compliance strategy.

**Project Projections:**

2014 estimated SO<sub>2</sub> and NO<sub>x</sub> expenditures are approximately \$500,000 and \$3.4 million, respectively.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 6 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 27 of 45

**Project Title:** Phase II Cooling Water Intake  
**Project No. 6**

**Project Description:**

Section 316(b) of the Federal Clean Water Act, requires that "the location, design, construction, and capacity of cooling water intake structures reflect the best technology available for minimizing adverse environmental impact." 33 U.S.C. Section 1326. In the past, the Environmental Protection Agency (EPA) and the state regulatory agency implemented Section 316(b) on a case-by-case basis. In the new Phase II rules, EPA has established "national performance standards" for determining compliance with Section 316(b) at certain existing electric generating facilities. See 40 CFR 125.94(b). The process of compliance involves planning and scheduling efforts, conducting certain biological studies and evaluation of options for compliance. These compliance options involve engineering, operational, restorative and/or cost assessment measures. See generally 40 CFR 125.94 and 125.95. The EPA signed an amended settlement agreement with Riverkeeper on 6/27/13 to extend its deadline to 11/4/13 to finish cooling water intake structures rulemaking for existing facilities.

**Project Accomplishments:**

DEF facilities subject to EPA's new Phase II rules include Anclote, Bartow, Crystal River and Suwannee plants. Early in 2004, DEF requested competitive bids for an environmental consultant to support the development of a Compliance Strategy and Implementation Plan (CSIP). That contract was secured and the CSIP is now complete. The consultant completed Proposals for Information Collection (PICs) for Anclote & Bartow, Crystal River, and Suwannee approved by the Florida Department of Environmental Protection (FDEP).

**Project Fiscal Expenditures:**

There are no 2013 estimated expenditures due to the rule being delayed until 11/4/13.

**Project Progress Summary:**

As a result of the 7/17/12 second amendment to the settlement agreement among the EPA and plaintiffs, EPA signed an amended settlement agreement to issue a final rule establishing cooling water intake standards pursuant to Section 316(b) of the Clean Water Act rule no later than 11/4/13. The proposed rule would establish standards for impingement mortality reduction that can be achieved in either one of two ways: 1) modify traveling intake screens with fish collection and return systems that demonstrate that 88% of the fish collected will survive the process or 2) reduce the intake flow velocity to 0.5 feet per second. The proposed 316(b) rules would establish that state permitting authorities (FDEP in Florida) determine requirements for entrainment mortality reduction on a case-by-case, site specific basis. The permittee must collect data, conduct studies and submit information that would be used by the state permitting authorities to make its decision. DEF is assessing several options that may be required to comply with the rule. The options under consideration may change once the final rule is issued and its impacts better understood. Therefore, the exact future costs that DEF will incur under a final 316(b) rule cannot be specifically predicted at this time.

**Project Projections:**

2014 estimated O&M expenditures are approximately \$800,000. No capital expenditures are expected in 2014.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 7 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 28 of 45

**Project Title:** Integrated Clean Air Compliance Plan - Clean Air Interstate Rule (CAIR)  
**Project Nos. (7.2, 7.3 & 7.4)**

**Project Description:**

Clean Air Interstate Rule (CAIR), 40 CFR 24, 262, imposes significant restrictions on emissions of SO<sub>2</sub> and NO<sub>x</sub> from power plants in 28 eastern states, including Florida and the District of Columbia. The CAIR rule apportions region-wide SO<sub>2</sub> and NO<sub>x</sub> emission reduction requirements to the individual states, and further requires each affected state to revise its State Implementation Plans (SIP) to include measures necessary to achieve its emission reduction budget within prescribed deadlines.

**Project Accomplishments:**

The Hydrated Lime Injection System installation was completed in July 2013.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$7.2 million higher than originally projected primarily due to increased reagent costs. 2013 estimated capital expenditures are approximately \$6.7 million higher than originally projected mainly due to lower CR4 catalyst project costs due to a reduction in vendor pricing, deferral of 2013 FGD blowdown treatment project costs to 2014, CR4 clinker mitigation costs shifted from O&M to capital, industrial waste water costs due to a FDEP consent order, and hydrated lime costs planned for 2012 that were carried over to 2013 due to material delays.

**Project Progress Summary:**

For FGD Blowdown treatment, a wastewater treatment study was performed by CH2MHill; the study was completed in June 2013. The study is being conducted in accordance with Conditions of Certification Modification P which requires the submission of an evaluation of alternative(s) to manage FGD blowdown. The CR5 Clinker Mitigation Project is scheduled for installation during the Unit 5 outage during the first quarter of 2014. The Reclaim Water Project is estimated to be completed by December 31, 2014.

**Project Projections:**

2014 estimated O&M and capital expenditures are approximately \$35.7M and \$3.2 million, respectively.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 8 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 29 of 45

**Project Title:** Integrated Clean Air Compliance Plan - Best Available Retrofit Technology (BART)  
**Project No. 7.5**

**Project Description:**

On 5/25/12, the Environmental Protection Agency (EPA) proposed a partial disapproval of Florida's proposed Regional Haze State Implementation Plan (SIP) because the proposed SIP relies on CAIR to satisfy BART requirements for SO<sub>2</sub> and NO<sub>x</sub> emissions. Although CAIR remains in effect while litigation against the Cross State Air Pollution Rule (CSAPR) proceeds, the EPA is requiring states to incorporate the CSAPR in place of CAIR in their Regional Haze SIPs. DEF has been working with the Florida Department of Environmental Protection (FDEP) to develop specific BART and Reasonable Progress permits for affected units that will be incorporated into Florida's revised SIP submittal, which was submitted to EPA on 9/17/12. The final BART permits for Crystal River were submitted to EPA on 10/15/12 as a supplement to the 9/17/12 submittal.

**Project Accomplishments:**

DEF performed required emissions modeling and associated BART analysis for Crystal River 1&2 and Anclote plants, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications needed in support of the FDEP's ongoing work to amend its SIP as directed by the EPA.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$12,000 lower than originally projected due to performance of annual routine particulate matter emissions testing at full load to demonstrate BART compliance instead of various partial loads resulting in reduced testing costs. There are no estimated 2013 capital expenditures.

**Project Progress Summary:**

DEF performed required emissions modeling and associated BART analysis for Crystal River 1&2 and Anclote, developed and submitted a Reasonable Progress evaluation for Crystal River 4&5, developed and submitted necessary BART Implementation Plans and air construction permit applications needed in support of the FDEP ongoing work to amend its State Implementation Plan as directed by the EPA. Based on the revised Regional Haze SIP incorporating the provisions of Crystal River's BART permits for SO<sub>2</sub> and NO<sub>x</sub>, EPA on 12/10/12 proposed approval of the SIP. In August 2013, EPA finalized the full approval of the SIP.

**Project Projections:**

There are no estimated project expenditures for 2014.



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 9 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 30 of 45

**Project Title:**           **Arsenic Groundwater Standard**  
**Project No. 8**

**Project Description:**

On January 22, 2001, the Environmental Protection Agency (EPA) adopted a new maximum contaminant level (MCL) for arsenic in drinking water, replacing the previous standard of 0.050 mg/L (50ppb) with a new MCL of 0.010 mg/L (10ppb). Effective January 1, 2005, FDEP established the USEPA MCL as Florida's drinking water standard. See Rule 62-550, F.A.C. The new standard has implications for land application and water reuse projects in Florida because the drinking water standard has been established as the groundwater standard by Rule 62-520.420(1), F.A.C. Lowering the arsenic standard will require new analytical methods for sampling groundwater at numerous PEF sites.

**Project Accomplishments:**

Routine quarterly sampling of existing monitoring wells continues as required by the industrial wastewater conditions contained in Attachment H of COC PA 77-09P. A groundwater plan of study (POS), involving the investigation of sources of arsenic, was completed and the final report submitted to FDEP on April 26, 2013.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$10,000 lower than originally projected as a result of reduced consultant fees to finalize the plan of study addendum report for submittal to the FDEP. There are no estimated 2013 capital expenditures.

**Project Progress Summary:**

DEF submitted the final POS addendum report in April, 2013. The report is currently under review by FDEP. Next steps will likely involve submittal of a parameter exemption petition to FDEP.

**Project Projections:**

2014 estimated O&M expenditures are approximately \$40,000 to complete parameter exemption submittal, including exemption fee.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 10 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 31 of 45

**Project Title:** Sea Turtle - Coastal Street Lighting  
**Project No. 9**

**Project Description:**

DEF owns and leases high pressure sodium streetlights throughout its service territory, including areas along the Florida coast. Pursuant to Section 161.163, Florida Statutes, the Florida Department of Environmental Protection (FDEP), in collaboration with the Florida Fish and Wildlife Conservation Commission (FFWCC) and the U.S. Fish & Wildlife Service (USFWS), has developed a model Sea Turtle lighting ordinance. The model ordinance is used by the local governments to develop and implement ordinances within their jurisdiction. To date, Sea Turtle lighting ordinances have been adopted in Franklin County, Gulf County, City of Mexico Beach in Bay County and Pinellas County, all of which are within DEF's service territory. Since 2004, officials from the various local governments, as well as FDEP, FFWC, and USFWS, have advised DEF that lighting it owns and leases is affecting turtle nesting areas that fall within the scope of these ordinances. As a result, the local governments are requiring DEF to take additional measures to satisfy new criteria being applied to ensure compliance with the sea turtle ordinances.

**Project Accomplishments:**

DEF continues working with Franklin County, Gulf County, City of Mexico Beach and Pinellas County to mitigate any potential sea turtle nesting issues by retrofitting existing street lights, placing amber shields on existing HPS street lights and monitoring street lights for effectiveness in complying with sea turtle ordinances.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$2,000 lower than originally projected. The University of Florida and DEF expected to perform additional testing of FFWCC recommended LED technology for new installations that was not necessary because LED technology is considered to be turtle compliant. 2013 estimated capital expenditures are approximately \$3,000 lower than originally projected due to a delay in installing or retrofitting several streetlight fixtures in Pinellas County and Mexico Beach.

**Project Progress Summary:**

DEF is on schedule with the activities identified for this program.

**Project Projections:**

2014 estimated O&M and capital expenditures approximately \$480 and \$2,100, respectively.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 11 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 32 of 45

**Project Title:**            **Underground Storage Tanks**  
**Project No. 10**

**Project Description:**

Florida Department of Environmental Protection rules require that underground pollutant storage tanks and small diameter piping be upgraded with secondary containment by 12/31/09. See Rule 62-761.510(5), F.A.C. DEF has identified four tanks that must comply with this rule: two at the Crystal River power plant and two at the Bartow power plant.

**Project Accomplishments:**

Work on Crystal River and Bartow USTs was completed in the fourth quarter 2006.

**Project Fiscal Expenditures:**

There are no 2013 estimated expenditures for this project.

**Project Progress Summary:**

DEF will continually evaluate its compliance program, including project prioritization, schedule and technology applications.

**Project Projections:**

No 2014 expenditures are expected for this project.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 12 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 33 of 45

**Project Title:**           **Modular Cooling Towers**  
**Project No. 11**

**Project Description:**

This project involves installation and operation of modular cooling towers in the summer months to minimize de-rates of Crystal River Units 1&2 necessary to comply with the NPDES permit limit for the temperature of cooling water discharged from the units.

**Project Accomplishments:**

Vendors of modular cooling towers were evaluated regarding cost of installation and operation. The Florida Department of Environmental Protection reviewed the project and approved operation. A vendor was selected and the towers were installed during the second quarter of 2006.

**Project Fiscal Expenditures:**

There are no 2013 estimated expenditures for this project.

**Project Progress Summary:**

Modular cooling towers began operation in June 2006 and successfully minimized de-rates of Units 1 and 2. Towers were removed during the first half of 2012. This project is complete.

**Project Projections:**

No 2014 expenditures are expected for this project.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 13 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 34 of 45

**Project Title:** Crystal River Thermal Discharge Compliance Project  
**Project No. 11.1**

**Project Description:**

This project was originally planned to evaluate and implement the best long term solution to maintain compliance with the thermal discharge limit in Florida Department of Environmental Protection (FDEP) industrial wastewater permit for Crystal River Units 1,2&3 that was being addressed in the short term by the Modular Cooling Towers approved in Docket No. 060162- EI for ECRC recovery. Due to DEF's decision to retire CR3, this project is no longer necessary and will not be implemented.

**Project Accomplishments:**

The study phase of the project was completed with a recommendation to replace the leased modular cooling towers in coordination with the cooling solution for the CR3 Extended Power Uprate (EPU) discharge canal cooling solution. The new cooling tower associated with the CR3 EPU was to be sized to mitigate both the increased temperatures from the EPU as well as serve to replace the modular cooling towers, which were removed in 2012. The design contract for the CR3 EPU cooling tower was awarded and a cooling tower supplier selected. In February 2013, DEF decided to retire CR3; therefore, the project will not proceed.

**Project Fiscal Expenditures:**

2013 estimated expenditures are approximately \$135,000 lower than originally projected. DEF announced on February 5, 2013 that it will retire CR3. Due to the reduction in thermal loading resulting from the CR3 retirement, construction of the thermal discharge permanent cooling tower is no longer necessary.

**Project Progress Summary:**

Crystal River Units 1,2&3 utilize a once-through cooling water process to cool and condense turbine exhaust steam back to water. The cooling water is removed from the Gulf of Mexico via an intake canal and discharged to a common discharge canal shared by all of the generating units. DEF has a NPDES industrial wastewater permit from the FDEP to discharge this cooling water from CR 1,2&3 into the Gulf of Mexico. The FDEP NPDES permit includes a limit on the temperature of the cooling water discharge (96.5 degrees Fahrenheit on a three-hour rolling average) measured at the point of discharge to the Gulf of Mexico. The new cooling towers were being added as a long term solution to the issue of higher ambient water temperatures previously being addressed by the modular cooling towers and added heat rejection due to the estimated 180MWe Uprate of CR3. With the retirement of CR3, the heat rejection associated with the entire unit is removed and therefore the new cooling tower is not necessary for the continued operation of CR 1&2 within the NPDES permit limits.

**Project Projections:**

DEF is treating costs incurred of approximately \$18.1 million for the project, including any future exit or wind-down costs, as a regulatory asset as of January 1, 2013 and amortizing it over three years until fully recovered by December 31, 2015, with a return on the unamortized balance as approved in Order No. PEF-13-0381-PAA-EI.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 14 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 35 of 45

**Project Title:**           **Integrated Clean Air Compliance Plan - Greenhouse Gas Inventory and Reporting**  
**Project No. 12**

**Project Description:**

The Greenhouse Gas (GHG) Inventory and Reporting Program was created in response to Chapter 2008-277, Florida Laws, which established the Florida Climate Protection Act, to be codified at section 403.44, Florida Statutes. Among other things, this legislation authorizes the Florida Department of Environmental Protection to establish a cap and trade program to GHG emissions from electric utilities. Utilities subject to the program, including DEF, will be required to use The Climate Registry for purposes of GHG emission registration and reporting. The requirement to report to The Climate Registry was repealed during the 2010 legislative session; however, the Environmental Protection Agency (EPA) GHG Reporting Rule (40 CFR 98) does require that DEF submit 2010 GHG data to the EPA no later than 9/30/2011.

**Project Accomplishments:**

In 2009, DEF joined The Climate Registry and submitted the 2008 GHG inventory data. The 2009 data was submitted during the third quarter of 2010. Both 2008 and 2009 data was validated by a third party as required by The Climate Registry. The 2010 GHG inventory data was submitted to EPA on 9/30/11 and validation by a third party is not a requirement.

**Project Fiscal Expenditures:**

There are no 2013 estimated expenditures for this project.

**Project Progress Summary:**

The 2010 GHG inventory data was submitted to EPA on 9/30/11.

**Project Projections:**

No 2014 expenditures are expected for this project.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 15 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 36 of 45

**Project Title:** Mercury Total Daily Maximum Loads Monitoring (TMDL)  
**Project No. 13**

**Project Description:**

Section 303(d) of the federal Clean Water Act requires each state to identify state waters not meeting water quality standards and establish a TMDL for the pollutant or pollutants causing the failure to meet standards. Under a 1999 federal consent decree, TMDLs for over 100 Florida water bodies listed as impaired for mercury must be established by 9/12/12. The Florida Department of Environmental Protection (FDEP) has initiated a research program to provide the necessary information for setting the appropriate TMDLs for mercury. Among other things, the study will assess the relative contributions of mercury-emitting sources, such as coal-fired power plants, to mercury levels in surface waters.

**Project Accomplishments:**

Atmospheric & Environmental Research, Inc (AER) completed the literature review on mercury deposition in Florida. This document was sent to the Florida Department of Environmental Protection (FDEP) Division of Air Resource Management and the TMDL team for review in February 2009. In addition, the Florida Electric Power Coordinating Group (FCG) Mercury Task Force met with FDEP Division of Air Resource Management to discuss the review in 1/ 2010. AER performed the Florida mercury deposition modeling for the Division of Air Resource Management. The FCG Mercury Task Force contracted with Tetra Tech to conduct aquatic field sampling, including an aquatics modeling report, to develop a "Conceptual Model for the Florida Mercury TMDL." This document was finalized and submitted to FDEP in 12/2010. Key personnel from AER were employed by Environ in 2011 and FCG established a contract with Environ to ensure continuity of the project. FCG used Environ and Tetra Tech to review and critique FDEP's aquatic cycling and atmospheric modeling analyses. FDEP developed a mercury TMDL report in the spring and summer of 2012, and it proposed a TMDL in 9/2012. The Environmental Protection Agency proposed to approve the State's TMDL on November 30, 2012, and final approval is expected in October 2013.

**Project Fiscal Expenditures:**

There are no 2013 estimated expenditures for this project.

**Project Progress Summary:**

The mercury TMDL study concluded in 2012.

**Project Projections:**

No 2014 expenditures are expected for this project.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 16 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 37 of 45

**Project Title:**           **Integrated Clean Air Compliance Plan - Hazardous Air Pollutants (HAPs) ICR Program**  
**Project No. 14**

**Project Description:**

In 2009, the Environmental Protection Agency (EPA) initiated efforts to develop an Information Collection Request (ICR), which requires that owners/operators of all coal- and oil-fired electric utility steam generating units provide information that will allow the EPA to assess the emissions of hazardous air pollutants from each such unit. The intention of the ICR is to assist the Administrator of the EPA in developing national emission standards for hazardous air pollutants under Section 112(d) of the Clean Air Act, 42 U.S.C. 7412. Pursuant to those efforts, by letter dated 12/24/09, the EPA formally requested DEF comply with certain data collection and emissions testing requirements for several of its steam electric generating units. The EPA letter states that initial submittal of existing information must be made within 90 days, and that the remaining data must be submitted within 8 months. Collection and submittal of the requested information is mandatory under Section 114 of the Clean Air Act, 42 U.S.C. 7414.

**Project Accomplishments:**

DEF completed and submitted the ICR to EPA during 2010. The HAPS ICR project is complete.

**Project Fiscal Expenditures:**

There are no 2013 estimated expenditures for this project.

**Project Progress Summary:**

DEF completed and submitted the ICR to EPA during 2010.

**Project Projections:**

No 2014 expenditures are expected for this project.



**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 17 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 38 of 45

**Project Title:** Effluent Limitation Guidelines ICR Program  
**Project No. 15**

**Project Description:**

The Effluent Limitation Guidelines ICR Program was created in response to Section 304 of the Federal Clean Water Act which directs the Environmental Protection Agency (EPA) to develop and periodically review regulations, called effluent guidelines, to limit the amount of pollutants that are discharged to surface waters from various point source categories. 33 U.S.C. §13 14(b). In 10/2009, EPA announced that it intended to update the effluent guidelines for the steam electric power generating point source category, which were last updated in 1982. DEF is required to complete the ICR and submit responses to U.S. EPA within 90 days. Collection and submittal of the requested information is mandatory under Section 308 of the Clean Water Act.

**Project Accomplishments:**

DEF completed and submitted the ICR to EPA in September 2010. The Effluent Limitation Guidelines ICR Program is complete.

**Project Fiscal Expenditures:**

There are no 2013 estimated expenditures for this project.

**Project Progress Summary:**

DEF completed and submitted the ICR to EPA in September 2010.

**Project Projections:**

No 2014 expenditures are expected for this project.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 18 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 39 of 45

**Project Title:** National Pollutant Discharge Elimination System (NPDES) - Energy  
**Project No. 16**

**Project Description:**

Pursuant to the federal Clean Water Act, 33 U.S.C. § 1342, all point source discharges to navigable waters from industrial facilities must obtain permits under the NPDES Program. The Florida Department of Environmental Protection (FDEP) administers the NPDES program in Florida. DEF's Anclote, Bartow, and Crystal River North, Crystal River South, and Suwannee NPDES permits were issued on 1/19/11, 2/14/11, 7/21/11, 3/9/12 and 11/28/11, respectively. All facilities are required to meet new permitting conditions. In Docket No. 110007-EI, the Commission approved recovery of costs associated with new requirements included or expected to be included in the new renewal permits, including: thermal studies, aquatic organism return studies and implementation, whole effluent toxicity testing, dissolved oxygen studies (Bartow only), and freeboard limitation related studies (Bartow only). As noted in DEF's 2/8/12 program update, on 12/14/11, FDEP issued a final NPDES renewal permit and associated Administrative Order for the Suwannee Plant. The Administrative Order includes a new requirement to assess copper discharges that DEF did not anticipate when it filed its petition in 2011.

**Project Accomplishments:**

DEF has begun performing thermal studies, whole effluent toxicity testing, dissolved oxygen studies and freeboard limitation related studies and evaluations to comply with new permit requirements.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$98,000 lower than originally projected mainly due to the timing of FDEP's approval of the plan of studies (POS) for the Anclote plant and a copper mixing zone study at the Suwannee plant. 2013 estimated capital expenditures are approximately \$9.3 million higher than originally projected primarily due to the development of a comprehensive compliance plan for the Bartow freeboard project, with more certainty regarding scope and associated costs.

**Project Progress Summary:**

DEF has begun complying with the requirements of the NPDES permits. Aquatic organism return study requirements have been postponed to align with the final EPA 316(b) rule requirements (Bartow/Anclote Plants) which is expected to be published in 11/2013. The aquatic organism return requirement is not a requirement in the Crystal River North NPDES permit. The dissolved oxygen study at Bartow was completed and results submitted to FDEP in 12/2012.

**Project Projections:**

2014 estimated O&M and capital expenditures are approximately \$477,000 and \$1.2 million, respectively.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 19 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 40 of 45

**Project Title:** Integrated Clean Air Compliance Plan - Mercury & Air Toxic Standards (MATS) - Energy  
**Project No. 17** CR 4 & CR 5

**Project Description:**

In Order No. PSC-11-0553-FOF-EI Docket No. 110007-EI dated 12/7/11, the Commission approved ECRC recovery of DEF's costs associated with emissions testing and related analysis necessary to develop DEF's strategy for achieving compliance with new hazardous air pollutant standards (now known as MATS) at Crystal River Units 4&5. The final Mercury and Air Toxics Rule (MATS) was issued by the Environmental Protection Agency on 12/21/11. DEF will utilize the co-benefits of the existing FGD and SCR systems as the primary MATS compliance measure for CR4&5, but additional analyses are ongoing to determine whether more control measures will be necessary for those units.

**Project Accomplishments:**

DEF continues to conduct more detailed emissions testing to adequately assess potential mercury control strategies through the use of carbon traps that will allow continuous monitoring and trending of mercury emissions from CR 4&5. Results will drive the decision for the most suitable mercury monitoring technology in 2014.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$198,000 higher than originally projected due to operating expenses associated with the carbon traps used to monitor mercury emissions and chemical profiling of mercury emissions to better understand their fate in the emission stream. 2013 estimated capital expenditures are approximately \$9.6 million lower than originally projected primarily due to the decision to limit capital expenditures to the installation of particulate matter emission monitors and rely on carbon traps to monitor mercury in lieu of continuous emissions monitors, offset by the transfer of \$95,000 of CAIR/CAMR CMMS CR4&5 costs to the MATS - CR4&5 Program.

**Project Progress Summary:**

In 2014, DEF plans to use a chemical additive at CR 4&5 to suppress mercury re-emission during unit startup periods. Additionally, DEF plans to complete PM CEMS installation for continuous particulate matter measurement for MATS compliances in 2014.

**Project Projections:**

2014 estimated O&M and capital expenditures are approximately \$406,000 and \$3.4 million, respectively.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P

Page 20 of 21

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-5)

Page 41 of 45

**Project Title:** Integrated Clean Air Compliance Plan - Mercury & Air Toxic Standards (MATS) - Energy  
**Project No. 17.1** Anclote Gas Conversion

**Project Description:**

Convert existing Anclote Units to use 100% natural gas to be in compliance with Mercury and Air Toxics Standards (MATS) effective February 2012. See Order No. PSC-12-0432-PAA-EI in Docket No. 120103-EI.

**Project Accomplishments:**

Unit 1 Gas Conversion was completed and placed into commercial service on 7/13/13. Unit 2 Gas Conversion is expected to be completed and placed into service in December 2013. Installation of the Forced Draft fans for both units is expected to be completed in early second quarter 2014.

**Project Fiscal Expenditures:**

2013 estimated capital expenditures are approximately \$16.8 million more than originally projected primarily attributable to scope changes in the boiler and electrical commodities for Unit1 and BOP due to unexpected "as found" conditions which required engineering and field modifications to complete the additional scope of work for Unit 1 and BOP. Also, as engineering matured for the fan modification scope, procurement costs and installation costs increased.

**Project Progress Summary:**

This project is on schedule.

**Project Projections:**

2014 estimated capital expenditures are \$33.4M.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**January 2014 through December 2014**  
**Description and Progress Report for**  
**Environmental Compliance Activities and Projects**

Form 42-5P  
Page 21 of 21

Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 42 of 45

**Project Title:** Integrated Clean Air Compliance Plan - Mercury & Air Toxic Standards (MATS) - Energy  
**Project No. 17.2** CR 1 & CR 2

**Project Description:**

The MATS Project for Crystal River Units 1&2 encompasses the Company's identification, assessment and potential implementation of new measures that are available to bring CR 1&2 into compliance with the new MATS rule. These measures may include, but are not necessarily limited to, switching to alternate fuels, addition of reagent systems to promote emissions reductions and equipment improvements that may improve efficiency and/or emissions performance of the units. The project funding referred to in this document provides for the engineering analysis, performance testing, project design and implementation of these measures, based on the best available information available to the Company at this time. If the Company elects to continue operating these units based on implementation of the MATS compliance performance improvement measures identified in this project, the operational timeframe would be determined in the normal course of the Company's planning for capacity and energy resources.

**Project Accomplishments:**

With the initial fuel tests performed in June, the Company demonstrated stable plant operations with alternative lower constituent coal. Additional analysis and testing is planned to further explore the options available to reduce emissions into the ranges required for MATS compliance.

**Project Fiscal Expenditures:**

2013 estimated O&M expenditures are approximately \$786,000 for alternative coal trials on Crystal River Units 1&2. 2013 estimated capital expenditures are approximately \$194,000 higher than originally projected primarily due to the transfer of CAIR/CAMR CMMS CR1&2 costs to the MATS - CR1&2 Program.

**Project Progress Summary:**

The Company has conducted initial engineering performance analyses and some limited scope fuel tests to evaluate the potential to achieve lower emissions of the MATS targeted constituents. Additional operational tests are currently being planned to evaluate performance with alternate fuels and reagent systems.

**Project Projections:**

2014 estimated O&M expenditures are approximately \$1.1 million. There are no estimated 2014 capital expenditures. If DEF moved forward with alternative coal as the MATS compliance strategy, it will need to incur some capital costs to make changes to CR1&2 so that the units can successfully burn the coal.

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Energy & Demand Allocation % by Rate Class**  
**January 2014 through December 2014**

Form 42-6P

Docket No. 130007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 43 of 45

Rate Class	(1) Average 12CP Load Factor at Meter (%)	(2) Sales at Meter (mWh)	(3) Avg 12 CP at Meter (MW) (2)/(8760hrsx(1))	(4) NCP Class Max Load Factor	(5) Delivery Efficiency Factor	(6) Sales at Source (Generation) (mWh) (2)/(5)	(7) Avg 12 CP at Source (MW) (3)/(5)	7(a) Sales at Source (Distrib Svc Only) (mWh)	(8) Class Max MW at Source Level (Distrib Svc) (7a)/(8760hrs/(4))	(9) mWh Sales at Source Energy Allocator (%)	(10) 12CP Demand Transmission Allocator (%)	(11) 12CP & 1/13 AD Demand Allocator (%)	(12) NCP Distribution Allocator (%)
<b>Residential</b>													
<b>RS-1, RST-1, RSL-1, RSL-2, RSS-1</b>													
Secondary	0.519	19,379,756	4,262.80	0.405	0.9401722	20,612,986	4,534.07	20,612,986	5,806.1	51.673%	62.173%	61.365%	62.535%
<b>General Service Non-Demand</b>													
<b>GS-1, GST-1</b>													
Secondary	0.652	1,238,682	216.84	0.452	0.9401722	1,317,506	230.64	1,317,506	332.9	3.303%	3.163%	3.173%	3.586%
Primary	0.652	3,675	0.64	0.452	0.9744331	3,771	0.66	3,771	1.0	0.009%	0.009%	0.009%	0.010%
Transmission	0.652	3,551	0.62	0.452	0.9844331	3,607	0.63	0	0.0	0.009%	0.009%	0.009%	0.000%
										<u>3.321%</u>	<u>3.180%</u>	<u>3.191%</u>	<u>3.596%</u>
<b>General Service</b>													
<b>GS-2 Secondary</b>													
Secondary	1.000	138,834	15.85	1.000	0.9401722	147,669	16.86	147,669	16.9	0.370%	0.231%	0.242%	0.182%
<b>General Service Demand</b>													
<b>GSD-1, GSDT-1</b>													
Secondary	0.774	11,976,648	1,766.38	0.611	0.9401722	12,738,782	1,878.78	12,738,782	2,378.8	31.934%	25.762%	26.237%	25.621%
Primary	0.774	2,412,799	355.85	0.611	0.9744331	2,476,105	365.19	2,476,105	462.4	6.207%	5.008%	5.100%	4.980%
Transm Del/ Primary Mtr	0.774	720	0.11	0.611	0.9744331	739	0.11	0	0.0	0.002%	0.001%	0.002%	0.000%
Transmission	0.774	0	0.00	0.611	0.9844331	0	0.00	0	0.0	0.000%	0.000%	0.000%	0.000%
<b>SS-1</b>													
Primary	1.483	7	0.00	0.111	0.9744331	7	0.00	7	0.0	0.000%	0.000%	0.000%	0.000%
Transm Del/ Transm Mtr	1.483	10,052	0.77	0.111	0.9844331	10,211	0.79	0	0.0	0.026%	0.011%	0.012%	0.000%
Transm Del/ Primary Mtr	1.483	2,313	0.18	0.111	0.9744331	2,374	0.18	0	0.0	0.006%	0.003%	0.003%	0.000%
										<u>38.174%</u>	<u>30.785%</u>	<u>31.353%</u>	<u>30.601%</u>
<b>Curtable</b>													
<b>CS-1, CST-1, CS-2, CST-2, SS-3</b>													
Secondary	1.186	0	0.00	0.465	0.9401722	0	0.00	0	0.0	0.000%	0.000%	0.000%	0.000%
Primary	1.186	57,212	5.51	0.465	0.9744331	58,713	5.65	58,713	14.4	0.147%	0.077%	0.083%	0.155%
<b>SS-3</b>													
Primary	0.814	2,198	0.31	0.012	0.9744331	2,256	0.32	2,256	22.0	0.006%	0.004%	0.004%	0.237%
										<u>0.153%</u>	<u>0.082%</u>	<u>0.087%</u>	<u>0.392%</u>
<b>Interruptible</b>													
<b>IS-1, IST-1, IS-2, IST-2</b>													
Secondary	0.963	96,011	11.38	0.699	0.9401722	102,121	12.11	102,121	16.7	0.256%	0.166%	0.173%	0.180%
Sec Del/Primary Mtr	0.963	4,547	0.54	0.699	0.9744331	4,666	0.55	4,666	0.8	0.012%	0.008%	0.008%	0.008%
Primary Del / Primary Mtr	0.963	1,201,675	142.48	0.699	0.9744331	1,233,204	146.22	1,233,204	201.4	3.091%	2.005%	2.089%	2.169%
Primary Del / Transm Mtr	0.963	17,669	2.09	0.699	0.9844331	17,948	2.13	17,948	2.9	0.045%	0.029%	0.030%	0.032%
Transm Del/ Transm Mtr	0.963	285,799	33.89	0.699	0.9844331	290,318	34.42	0	0.0	0.728%	0.472%	0.492%	0.000%
Transm Del/ Primary Mtr	0.963	321,079	38.07	0.699	0.9744331	329,503	39.07	0	0.0	0.826%	0.536%	0.558%	0.000%
<b>SS-2</b>													
Primary	0.859	58,388	7.76	0.331	0.9744331	59,920	7.97	59,920	20.7	0.150%	0.109%	0.112%	0.223%
Transm Del/ Transm Mtr	0.859	48,896	6.50	0.331	0.9844331	49,669	6.60	0	0.0	0.125%	0.091%	0.093%	0.000%
Transm Del/ Primary Mtr	0.859	15,284	2.03	0.331	0.9744331	15,685	2.09	0	0.0	0.039%	0.029%	0.029%	0.000%
										<u>5.272%</u>	<u>3.444%</u>	<u>3.584%</u>	<u>2.611%</u>
<b>Lighting</b>													
<b>LS-1 (Secondary)</b>													
Secondary	6.141	388,984	7.23	6.141	0.9401722	413,737	7.69	413,737	7.7	1.037%	0.105%	0.177%	0.083%
		<u>37,664,779</u>	<u>6,877.84</u>			<u>39,891,498</u>	<u>7,292.71</u>	<u>39,189,392</u>	<u>9,284.6</u>	<u>100.000%</u>	<u>100.000%</u>	<u>100.000%</u>	<u>100.000%</u>

- Notes:
- |     |   |      |   |
|-----|---|------|---|
| (1) | Average 12CP load factor based on load research study filed July 31, 2012 | (7)  | Column 3 / Column 5                             |
| (2) | Projected kWh sales for the period January 2014 to December 2014          | (7a) | Column 6 excluding transmission service         |
| (3) | Calculated: Column 2 / (8,760 hours x Column 1)                           | (8)  | Calculated: Column 7a / (8,760 hours/ Column 4) |
| (4) | NCP load factor based on load research study filed July 31, 2012          | (9)  | Column 6/ Total Column 6                        |
| (5) | Based on system average line loss analysis for 2012                       | (10) | Column 7/ Total Column 7                        |
| (6) | Column 2 / Column 5   | (11) | Column 9 x 1/13 + Column 10 x 12/13             |
|     |   | (12) | Column 8/ Total Column 8                        |

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of Environmental Cost Recovery Clause Rate Factors by Rate Class**  
**January 2014 through December 2014**

Form 42-7P

Docket No. 130007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 44 of 45

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP Transmission Demand Allocator (%)	(3) 12CP & 1/13th AD Demand Allocator (%)	(4) NCP Distribution Allocator (%)	(5) Energy- Related Costs (\$)	(6) Transmission Demand Costs (\$)	(7) Distribution Demand Costs (\$)	(8) Production Demand Costs (\$)	(9) Total Environmental Costs (\$)	(10) Projected Effective Sales at Meter Level (mWh)	(11) <b>Environmental Cost Recovery Factors (cents/kWh)</b>
<b>Residential</b>											
<b>RS-1, RST-1, RSL-1, RSL-2, RSS-1</b>											
Secondary	51.673%	62.173%	61.365%	62.535%	\$34,610,542	\$1,020,357	\$691,090	\$10,865,333	\$47,187,322	19,379,756	<b>0.243</b>
<b>General Service Non-Demand</b>											
<b>GS-1, GST-1</b>											
Secondary										1,238,682	<b>0.236</b>
Primary										3,638	<b>0.234</b>
Transmission										3,480	<b>0.231</b>
<b>TOTAL GS</b>	<b>3.321%</b>	<b>3.180%</b>	<b>3.191%</b>	<b>3.596%</b>	<b>\$2,224,566</b>	<b>\$52,195</b>	<b>\$35,939</b>	<b>\$624,823</b>	<b>\$2,937,522</b>	<b>1,245,800</b>	
<b>General Service</b>											
<b>GS-2</b>											
Secondary	0.370%	0.231%	0.242%	0.182%	\$247,945	\$3,794	\$2,724	\$31,546	\$286,008	138,834	<b>0.206</b>
<b>General Service Demand</b>											
<b>GSD-1, GSDT-1, SS-1</b>											
Secondary										11,976,648	<b>0.221</b>
Primary										2,391,681	<b>0.219</b>
Transmission										9,851	<b>0.217</b>
<b>TOTAL GSD</b>	<b>38.174%</b>	<b>30.785%</b>	<b>31.353%</b>	<b>30.601%</b>	<b>\$25,569,166</b>	<b>\$505,231</b>	<b>\$353,100</b>	<b>\$5,316,963</b>	<b>\$31,744,459</b>	<b>14,378,180</b>	
<b>Curtable</b>											
<b>CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3</b>											
Secondary										-	<b>0.294</b>
Primary										58,816	<b>0.291</b>
Transmission										-	<b>0.288</b>
<b>TOTAL CS</b>	<b>0.153%</b>	<b>0.082%</b>	<b>0.087%</b>	<b>0.392%</b>	<b>\$102,371</b>	<b>\$1,343</b>	<b>\$983</b>	<b>\$68,151</b>	<b>\$172,847</b>	<b>58,816</b>	
<b>Interruptible</b>											
<b>IS-1, IST-1, IS-2, IST-2, SS-2</b>											
Secondary										96,011	<b>0.201</b>
Primary										1,584,963	<b>0.199</b>
Transmission										345,317	<b>0.197</b>
<b>TOTAL IS</b>	<b>5.272%</b>	<b>3.444%</b>	<b>3.584%</b>	<b>2.611%</b>	<b>\$3,531,133</b>	<b>\$56,519</b>	<b>\$40,368</b>	<b>\$453,674</b>	<b>\$4,081,694</b>	<b>2,026,291</b>	
<b>Lighting</b>											
<b>LS-1</b>											
Secondary	1.037%	0.105%	0.177%	0.083%	\$694,691	\$1,731	\$1,995	\$14,393	\$712,810	388,984	<b>0.183</b>
	100.000%	100.000%	100.000%	100.000%	\$66,980,415	\$1,641,168	\$1,126,198	\$17,374,881	\$87,122,663	37,616,661	<b>0.232</b>

- Notes:
- (1) From Form 42-6P, Column 9
  - (2) From Form 42-6P, Column 10
  - (3) From Form 42-6P, Column 11
  - (4) From Form 42-6P, Column 12
  - (5) Column 1 x Total Energy Jurisdictional Dollars from Form 42-1P, line 5
  - (6) Column 2 x Total Transmission Demand Jurisdictional Dollars from Form 42-1P, line 5
  - (7) Column 4 x Total Distribution Demand Jurisdictional Dollars from Form 42-1P, line 5
  - (8) Column 3 x Total Production Demand Jurisdictional Dollars from Form 42-1P, line 5
  - (9) Column 5 + Column 6 + Column 7 + Column 8
  - (10) Projected kWh sales at secondary voltage level for the period January 2014 to December 2014
  - (11) (Column 9/ Column 10)/10

**DUKE ENERGY FLORIDA**  
**Environmental Cost Recovery Clause (ECRC)**  
**Calculation of the Projected Period Amount**  
**January 2014 through December 2014**

Form 42 8P

Docket No. 130007-EI  
Duke Energy Florida  
Witness: T. G. Foster  
Exh. No. \_\_ (TGF-5)  
Page 45 of 45

**Capital Structure and Cost Rates**

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	\$ 3,951,603	47.50%	0.10500	4.990%	8.124%
PS	17,874	0.21%	0.04488	0.010%	0.016%
LTD	3,223,164	38.75%	0.05610	2.170%	2.170%
STD	35,074	0.42%	0.01220	0.010%	0.010%
CD-Active	182,636	2.20%	0.03210	0.070%	0.070%
CD-Inactive	1,162	0.01%	0.00000	0.000%	0.000%
ADIT	1,059,780	12.74%	0.00000	0.000%	0.000%
FAS 109	(155,042)	-1.86%	0.00000	0.000%	0.000%
ITC	2,091	0.03%	0.08224	0.000%	0.000%
<b>Total</b>	<b>\$ 8,318,342</b>	<b>100.00%</b>		<b>7.250%</b>	<b>10.390%</b>
			<b>Total Debt</b>	<b>2.250%</b>	<b>2.250%</b>
			<b>Total Equity</b>	<b>5.000%</b>	<b>8.140%</b>

May 2013 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.



Docket No. 130007-EI

Duke Energy Florida

Witness: T. G. Foster

Exh. No. \_\_ (TGF-6)

Page 1 of 16

**DUKE ENERGY FLORIDA  
Environmental Cost Recovery Clause  
Capital Program Detail**

**January 2014 - December 2014**

**Docket No. 130007-EI**

















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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870	2,848,870
3	Less: Accumulated Depreciation	(289,535)	(293,063)	(296,591)	(300,119)	(303,647)	(307,175)	(310,703)	(314,231)	(317,759)	(321,287)	(324,815)	(328,343)	(331,871)	
4	CWIP - Non-Interest Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$2,559,336	\$2,555,808	\$2,552,280	\$2,548,752	\$2,545,224	\$2,541,696	\$2,538,168	\$2,534,640	\$2,531,112	\$2,527,584	\$2,524,056	\$2,520,528	\$2,517,000	
6	Average Net Investment		2,557,572	2,554,044	2,550,516	2,546,988	2,543,460	2,539,932	2,536,404	2,532,876	2,529,348	2,525,820	2,522,292	2,518,764	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	4,795	4,789	4,782	4,776	4,769	4,762	4,756	4,749	4,743	4,736	4,729	4,723	57,109
b.	Equity Component Grossed Up For Taxes	8.14%	17,349	17,325	17,301	17,277	17,253	17,229	17,205	17,181	17,157	17,133	17,110	17,086	206,606
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	3,528	3,528	3,528	3,528	3,528	3,528	3,528	3,528	3,528	3,528	3,528	3,528	42,336
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	0.008850	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	2,101	25,212
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$27,773	\$27,743	\$27,712	\$27,682	\$27,651	\$27,620	\$27,590	\$27,559	\$27,529	\$27,498	\$27,468	\$27,438	\$331,263
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		\$27,773	\$27,743	\$27,712	\$27,682	\$27,651	\$27,620	\$27,590	\$27,559	\$27,529	\$27,498	\$27,468	\$27,438	\$331,263

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297	290,297
3	Less: Accumulated Depreciation	(\$47,586)	(48,111)	(48,636)	(49,161)	(49,686)	(50,211)	(50,736)	(51,261)	(51,786)	(52,311)	(52,836)	(53,361)	(53,886)	
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)	\$242,712	\$242,187	\$241,662	\$241,137	\$240,612	\$240,087	\$239,562	\$239,037	\$238,512	\$237,987	\$237,462	\$236,937	\$236,412	
6	Average Net Investment		242,449	241,924	241,399	240,874	240,349	239,824	239,299	238,774	238,249	237,724	237,199	236,674	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	455	454	453	452	451	450	449	448	447	446	445	444	5,394
b.	Equity Component Grossed Up For Taxes	8.14%	1,645	1,641	1,637	1,634	1,630	1,627	1,623	1,620	1,616	1,613	1,609	1,605	19,500
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	0.007080	171	171	171	171	171	171	171	171	171	171	171	171	2,052
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,796	\$2,791	\$2,786	\$2,782	\$2,777	\$2,773	\$2,768	\$2,764	\$2,759	\$2,755	\$2,750	\$2,745	\$33,246
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$2,796	\$2,791	\$2,786	\$2,782	\$2,777	\$2,773	\$2,768	\$2,764	\$2,759	\$2,755	\$2,750	\$2,745	\$33,246

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

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754	161,754
3	Less: Accumulated Depreciation	(23,945)	(24,349)	(24,753)	(25,157)	(25,561)	(25,965)	(26,369)	(26,773)	(27,177)	(27,581)	(27,985)	(28,389)	(28,793)	(28,793)
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)	\$137,809	\$137,405	\$137,001	\$136,597	\$136,193	\$135,789	\$135,385	\$134,981	\$134,577	\$134,173	\$133,769	\$133,365	\$132,961	
6	Average Net Investment		137,607	137,203	136,799	136,395	135,991	135,587	135,183	134,779	134,375	133,971	133,567	133,163	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	258	257	256	256	255	254	253	253	252	251	250	250	3,045
b.	Equity Component Grossed Up For Taxes	8.14%	933	931	928	925	922	920	917	914	912	909	906	903	11,020
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	0.009310	125	125	125	125	125	125	125	125	125	125	125	125	1,500
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,720	\$1,717	\$1,713	\$1,710	\$1,706	\$1,703	\$1,699	\$1,696	\$1,693	\$1,689	\$1,685	\$1,682	\$20,413
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$1,720	\$1,717	\$1,713	\$1,710	\$1,706	\$1,703	\$1,699	\$1,696	\$1,693	\$1,689	\$1,685	\$1,682	\$20,413

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347	275,347
3	Less: Accumulated Depreciation	(36,673)	(37,031)	(37,389)	(37,747)	(38,105)	(38,463)	(38,821)	(39,179)	(39,537)	(39,895)	(40,253)	(40,611)	(40,969)	(40,969)
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)	\$238,674	\$238,316	\$237,958	\$237,600	\$237,242	\$236,884	\$236,526	\$236,168	\$235,810	\$235,452	\$235,094	\$234,736	\$234,378	
6	Average Net Investment		238,495	238,137	237,779	237,421	237,063	236,705	236,347	235,989	235,631	235,273	234,915	234,557	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	447	447	446	445	444	444	443	442	442	441	440	440	5,321
b.	Equity Component Grossed Up For Taxes	8.14%	1,618	1,615	1,613	1,611	1,608	1,606	1,603	1,601	1,598	1,596	1,594	1,591	19,254
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	0.009730	223	223	223	223	223	223	223	223	223	223	223	223	2,676
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,646	\$2,643	\$2,640	\$2,637	\$2,633	\$2,631	\$2,627	\$2,624	\$2,621	\$2,618	\$2,615	\$2,612	\$31,547
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		\$2,646	\$2,643	\$2,640	\$2,637	\$2,633	\$2,631	\$2,627	\$2,624	\$2,621	\$2,618	\$2,615	\$2,612	\$31,547

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

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988	198,988
3	Less: Accumulated Depreciation	(29,439)	(29,823)	(30,207)	(30,591)	(30,975)	(31,359)	(31,743)	(32,127)	(32,511)	(32,895)	(33,279)	(33,663)	(34,047)	
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)	\$169,549	\$169,165	\$168,781	\$168,397	\$168,013	\$167,629	\$167,245	\$166,861	\$166,477	\$166,093	\$165,709	\$165,325	\$164,941	
6	Average Net Investment		169,357	168,973	168,589	168,205	167,821	167,437	167,053	166,669	166,285	165,901	165,517	165,133	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	318	317	316	315	315	314	313	313	312	311	310	310	3,764
b.	Equity Component Grossed Up For Taxes	8.14%	1,149	1,146	1,144	1,141	1,138	1,136	1,133	1,131	1,128	1,125	1,123	1,120	13,614
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	0.009730	161	161	161	161	161	161	161	161	161	161	161	161	1,932
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$2,012	\$2,008	\$2,005	\$2,001	\$1,998	\$1,995	\$1,991	\$1,989	\$1,985	\$1,981	\$1,978	\$1,975	\$23,918
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		\$2,012	\$2,008	\$2,005	\$2,001	\$1,998	\$1,995	\$1,991	\$1,989	\$1,985	\$1,981	\$1,978	\$1,975	\$23,918

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667	87,667
3	Less: Accumulated Depreciation	(16,887)	(17,106)	(17,325)	(17,544)	(17,763)	(17,982)	(18,201)	(18,420)	(18,639)	(18,858)	(19,077)	(19,296)	(19,515)	
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)	\$70,780	\$70,561	\$70,342	\$70,123	\$69,904	\$69,685	\$69,466	\$69,247	\$69,028	\$68,809	\$68,590	\$68,371	\$68,152	
6	Average Net Investment		70,670	70,451	70,232	70,013	69,794	69,575	69,356	69,137	68,918	68,699	68,480	68,261	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	133	132	132	131	131	130	130	130	129	129	128	128	1,563
b.	Equity Component Grossed Up For Taxes	8.14%	479	478	476	475	473	472	470	469	467	466	465	463	5,653
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	0.012040	88	88	88	88	88	88	88	88	88	88	88	88	1,056
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$919	\$917	\$915	\$913	\$911	\$909	\$907	\$906	\$903	\$902	\$900	\$898	\$10,900
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$919	\$917	\$915	\$913	\$911	\$909	\$907	\$906	\$903	\$902	\$900	\$898	\$10,900

(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	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198	347,198
3	Less: Accumulated Depreciation	(46,905)	(47,744)	(48,583)	(49,422)	(50,261)	(51,100)	(51,939)	(52,778)	(53,617)	(54,456)	(55,295)	(56,134)	(56,973)	(56,973)
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)	\$300,293	\$299,454	\$298,615	\$297,776	\$296,937	\$296,098	\$295,259	\$294,420	\$293,581	\$292,742	\$291,903	\$291,064	\$290,225	
6	Average Net Investment		299,873	299,034	298,195	297,356	296,517	295,678	294,839	294,000	293,161	292,322	291,483	290,644	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	562	561	559	558	556	554	553	551	550	548	547	545	6,644
b.	Equity Component Grossed Up For Taxes	8.14%	2,034	2,028	2,023	2,017	2,011	2,006	2,000	1,994	1,989	1,983	1,977	1,972	24,034
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	0.009730	282	282	282	282	282	282	282	282	282	282	282	282	3,384
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,717	\$3,710	\$3,703	\$3,696	\$3,688	\$3,681	\$3,674	\$3,666	\$3,660	\$3,652	\$3,645	\$3,638	\$44,130
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		\$3,717	\$3,710	\$3,703	\$3,696	\$3,688	\$3,681	\$3,674	\$3,666	\$3,660	\$3,652	\$3,645	\$3,638	\$44,130

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583	349,583
3	Less: Accumulated Depreciation	(57,235)	(58,022)	(58,809)	(59,596)	(60,383)	(61,170)	(61,957)	(62,744)	(63,531)	(64,318)	(65,105)	(65,892)	(66,679)	(66,679)
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)	\$292,349	\$291,562	\$290,775	\$289,988	\$289,201	\$288,414	\$287,627	\$286,840	\$286,053	\$285,266	\$284,479	\$283,692	\$282,905	
6	Average Net Investment		291,955	291,168	290,381	289,594	288,807	288,020	287,233	286,446	285,659	284,872	284,085	283,298	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	547	546	544	543	542	540	539	537	536	534	533	531	6,472
b.	Equity Component Grossed Up For Taxes	8.14%	1,980	1,975	1,970	1,964	1,959	1,954	1,948	1,943	1,938	1,932	1,927	1,922	23,412
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	0.008670	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)		\$3,567	\$3,561	\$3,554	\$3,547	\$3,541	\$3,534	\$3,527	\$3,520	\$3,514	\$3,506	\$3,500	\$3,493	\$42,364
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		\$3,567	\$3,561	\$3,554	\$3,547	\$3,541	\$3,534	\$3,527	\$3,520	\$3,514	\$3,506	\$3,500	\$3,493	\$42,364

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

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012	134,012
3	Less: Accumulated Depreciation	(14,247)	(14,383)	(14,519)	(14,655)	(14,791)	(14,927)	(15,063)	(15,199)	(15,335)	(15,471)	(15,607)	(15,743)	(15,879)	(15,879)
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)	\$119,765	\$119,629	\$119,493	\$119,357	\$119,221	\$119,085	\$118,949	\$118,813	\$118,677	\$118,541	\$118,405	\$118,269	\$118,133	
6	Average Net Investment		119,697	119,561	119,425	119,289	119,153	119,017	118,881	118,745	118,609	118,473	118,337	118,201	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	224	224	224	224	223	223	223	223	222	222	222	222	2,676
b.	Equity Component Grossed Up For Taxes	8.14%	812	811	810	809	808	807	806	805	805	804	803	802	9,682
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	0.012040	134	134	134	134	134	134	134	134	134	134	134	134	1,608
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$1,306	\$1,305	\$1,304	\$1,303	\$1,301	\$1,300	\$1,299	\$1,298	\$1,297	\$1,296	\$1,295	\$1,294	\$15,598
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		\$1,306	\$1,305	\$1,304	\$1,303	\$1,301	\$1,300	\$1,299	\$1,298	\$1,297	\$1,296	\$1,295	\$1,294	\$15,598

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560	381,560
3	Less: Accumulated Depreciation	(35,886)	(36,309)	(36,732)	(37,155)	(37,578)	(38,001)	(38,424)	(38,847)	(39,270)	(39,693)	(40,116)	(40,539)	(40,962)	(40,962)
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)	\$345,674	\$345,251	\$344,828	\$344,405	\$343,982	\$343,559	\$343,136	\$342,713	\$342,290	\$341,867	\$341,444	\$341,021	\$340,598	
6	Average Net Investment		345,462	345,039	344,616	344,193	343,770	343,347	342,924	342,501	342,078	341,655	341,232	340,809	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	648	647	646	645	645	644	643	642	641	641	640	639	7,721
b.	Equity Component Grossed Up For Taxes	8.14%	2,343	2,341	2,338	2,335	2,332	2,329	2,326	2,323	2,320	2,318	2,315	2,312	27,932
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	0.008380	266	266	266	266	266	266	266	266	266	266	266	266	3,192
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$3,680	\$3,677	\$3,673	\$3,669	\$3,666	\$3,662	\$3,658	\$3,654	\$3,650	\$3,648	\$3,644	\$3,640	\$43,921
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$3,680	\$3,677	\$3,673	\$3,669	\$3,666	\$3,662	\$3,658	\$3,654	\$3,650	\$3,648	\$3,644	\$3,640	\$43,921

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

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$208,333	\$2,500,000
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	2,200,760
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$0	0	0	0	0	0	0	0	0	0	0	0	0	2,200,760
3	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	(1,363)
4	CWIP - Non-Interest Bearing	1,913,740	2,122,074	2,330,407	2,538,740	2,747,074	2,955,407	3,163,740	3,372,074	3,580,407	3,788,740	3,997,074	4,205,407	2,212,981	
5	Net Investment (Lines 2 + 3 + 4)	\$1,913,740	\$2,122,074	\$2,330,407	\$2,538,740	\$2,747,074	\$2,955,407	\$3,163,740	\$3,372,074	\$3,580,407	\$3,788,740	\$3,997,074	\$4,205,407	\$4,412,377	
6	Average Net Investment		2,017,907	2,226,240	2,434,574	2,642,907	2,851,240	3,059,574	3,267,907	3,476,240	3,684,574	3,892,907	4,101,240	4,308,892	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	3,784	4,174	4,565	4,955	5,346	5,737	6,127	6,518	6,909	7,299	7,690	8,079	71,183
b.	Equity Component Grossed Up For Taxes	8.14%	13,688	15,101	16,515	17,928	19,341	20,754	22,167	23,581	24,994	26,407	27,820	29,229	257,525
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	0	0	0	0	0	0	0	0	0	0	0	0	1,363
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	0.008850	0	0	0	0	0	0	0	0	0	0	0	0	1,623
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	1,623
9	Total System Recoverable Expenses (Lines 7 + 8)		\$17,472	\$19,275	\$21,080	\$22,883	\$24,687	\$26,491	\$28,294	\$30,099	\$31,903	\$33,706	\$35,510	\$40,294	\$331,694
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		\$17,472	\$19,275	\$21,080	\$22,883	\$24,687	\$26,491	\$28,294	\$30,099	\$31,903	\$33,706	\$35,510	\$40,294	\$331,694

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$680,618	680,618	680,618	680,618	680,618	680,618	680,618	680,618	680,618	680,618	680,618	680,618	680,618	680,618
3	Less: Accumulated Depreciation	(3,663)	(4,506)	(5,349)	(6,192)	(7,035)	(7,878)	(8,721)	(9,564)	(10,407)	(11,250)	(12,093)	(12,936)	(13,779)	
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)	\$676,955	\$676,112	\$675,269	\$674,426	\$673,583	\$672,740	\$671,897	\$671,054	\$670,211	\$669,368	\$668,525	\$667,682	\$666,839	
6	Average Net Investment		676,533	675,690	674,847	674,004	673,161	672,318	671,475	670,632	669,789	668,946	668,103	667,260	
7	Return on Average Net Investment (A)														
a.	Debt Component	2.25%	1,268	1,267	1,265	1,264	1,262	1,261	1,259	1,257	1,256	1,254	1,253	1,251	15,117
b.	Equity Component Grossed Up For Taxes	8.14%	4,589	4,583	4,578	4,572	4,566	4,561	4,555	4,549	4,543	4,538	4,532	4,526	54,692
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	1.4860%	843	843	843	843	843	843	843	843	843	843	843	843	10,116
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	0.008850	502	502	502	502	502	502	502	502	502	502	502	502	6,024
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,202	\$7,195	\$7,188	\$7,181	\$7,173	\$7,167	\$7,159	\$7,151	\$7,144	\$7,137	\$7,130	\$7,122	\$85,949
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		\$7,202	\$7,195	\$7,188	\$7,181	\$7,173	\$7,167	\$7,159	\$7,151	\$7,144	\$7,137	\$7,130	\$7,122	\$85,949

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU and included in the 2013 Revised and Restated Stipulation and Settlement Agreement in Docket No. 130208-EI which is subject to approval by the Commission, these assets were not projected to be in-service as of year end 2013 and accordingly will not be moved to base rates in 2014.  
 (A) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU

For Project: CAIR Crystal River AFUDC - FGD Common (Project 7.4r) - CR4 & CR5 Clinker Mitigation  
 (in Dollars)

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$234,241	\$234,241	\$234,241	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$702,722
b.	Clearings to Plant		0	0	0	702,722	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Plant-in-Service/Depreciation Base	\$660,998	660,998	660,998	660,998	1,363,720	1,363,720	1,363,720	1,363,720	1,363,720	1,363,720	1,363,720	1,363,720	1,363,720	1,363,720
3	Less: Accumulated Depreciation	(11,291)	(12,652)	(14,013)	(15,374)	(17,458)	(20,265)	(23,072)	(25,879)	(28,686)	(31,493)	(34,300)	(37,107)	(39,914)	(39,914)
4	CWIP - Non-Interest Bearing	0	0	234,241	468,481	0	0	0	0	0	0	0	0	0	0
5	Net Investment (Lines 2 + 3 + 4)	\$649,707	\$648,346	\$881,226	\$1,114,105	\$1,346,262	\$1,343,455	\$1,340,648	\$1,337,841	\$1,335,034	\$1,332,227	\$1,329,420	\$1,326,613	\$1,323,806	
6	Average Net Investment		649,027	764,786	997,666	1,230,184	1,344,859	1,342,052	1,339,245	1,336,438	1,333,631	1,330,824	1,328,017	1,325,210	
7	Return on Average Net Investment (A)														
a.	Debt Component 2.25%		1,217	1,434	1,871	2,307	2,522	2,516	2,511	2,506	2,501	2,495	2,490	2,485	26,855
b.	Equity Component Grossed Up For Taxes 8.14%		4,403	5,188	6,768	8,345	9,123	9,104	9,085	9,066	9,046	9,027	9,008	8,989	97,152
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	2,084	2,807	2,807	2,807	2,807	2,807	2,807	2,807	2,807	28,623
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 0.008850		487	487	487	1,006	1,006	1,006	1,006	1,006	1,006	1,006	1,006	1,006	10,515
e.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$7,468	\$8,470	\$10,487	\$13,742	\$15,458	\$15,433	\$15,409	\$15,385	\$15,360	\$15,335	\$15,311	\$15,287	\$163,145
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		\$7,468	\$8,470	\$10,487	\$13,742	\$15,458	\$15,433	\$15,409	\$15,385	\$15,360	\$15,335	\$15,311	\$15,287	\$163,145

Note> Consistent with the Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU and included in the 2013 Revised and Restated Stipulation and Settlement Agreement in Docket No. 130208-EI which is subject to approval by the Commission, these assets were not projected to be in-service as of year end 2013 and accordingly will not be 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)**

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other - AFUDC		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$11,889,328	11,889,328	11,393,940	10,898,552	10,403,164	9,907,776	9,412,388	8,917,000	8,421,612	7,926,224	7,430,836	6,935,448	6,440,060	
3	Less: Current Period Amortization (A)	0	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	(495,388)	
4	CWIP - AFUDC Bearing	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	Net Investment (Lines 2 + 3)	\$11,889,328	\$11,393,940	\$10,898,552	\$10,403,164	\$9,907,776	\$9,412,388	\$8,917,000	\$8,421,612	\$7,926,224	\$7,430,836	\$6,935,448	\$6,440,060	\$5,944,672	
6	Average Net Investment		11,641,634	11,146,246	10,650,858	10,155,470	9,660,082	9,164,694	8,669,306	8,173,918	7,678,530	7,183,142	6,687,754	6,192,366	
7	Return on Average Net Investment (B)														
a.	Debt Component	2.25%	21,828	20,899	19,970	19,042	18,113	17,184	16,255	15,326	14,397	13,468	12,540	11,611	200,633
b.	Equity Component Grossed Up For Taxes	8.14%	78,969	75,609	72,248	68,888	65,528	62,167	58,807	55,446	52,086	48,726	45,365	42,005	725,844
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	0.0000%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization	33.3333%	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	495,388	5,944,656
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)		\$596,185	\$591,896	\$587,606	\$583,318	\$579,029	\$574,739	\$570,450	\$566,160	\$561,871	\$557,582	\$553,293	\$549,004	6,871,133
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		\$596,185	\$591,896	\$587,606	\$583,318	\$579,029	\$574,739	\$570,450	\$566,160	\$561,871	\$557,582	\$553,293	\$549,004	6,871,133

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

Line	Description	Beginning of Period Amount	Estimated Jan-14	Estimated Feb-14	Estimated Mar-14	Estimated Apr-14	Estimated May-14	Estimated Jun-14	Estimated Jul-14	Estimated Aug-14	Estimated Sep-14	Estimated Oct-14	Estimated Nov-14	Estimated Dec-14	End of Period Total
1	Investments														
a.	Expenditures/Additions		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b.	Clearings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
c.	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
d.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
2	Regulatory Asset Balance	\$223,911	223,911	214,582	205,253	195,924	186,595	177,266	167,937	158,608	149,279	139,950	130,621	121,292	
3	Less: Current Period Amortization (A)	0	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	(9,329)	
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)	\$223,911	\$214,582	\$205,253	\$195,924	\$186,595	\$177,266	\$167,937	\$158,608	\$149,279	\$139,950	\$130,621	\$121,292	\$111,963	
6	Average Net Investment		219,246	209,917	200,588	191,259	181,930	172,601	163,272	153,943	144,614	135,285	125,956	116,627	
7	Return on Average Net Investment (B)														
a.	Debt Component	2.25%	411	394	376	359	341	324	306	289	271	254	236	219	3,780
b.	Equity Component Grossed Up For Taxes	8.14%	1,487	1,424	1,361	1,297	1,234	1,171	1,108	1,044	981	918	854	791	13,670
c.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
8	Investment Expenses														
a.	Depreciation	0.0000%	0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Amortization	33.3333%	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	9,329	111,948
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 (C)		280	280	280	280	280	280	280	280	280	280	280	280	3,360
e.	Property Insurance		0	0	0	0	0	0	0	0	0	0	0	0	0
f.	Other		0	0	0	0	0	0	0	0	0	0	0	0	0
9	Total System Recoverable Expenses (Lines 7 + 8)		\$11,507	\$11,427	\$11,346	\$11,265	\$11,184	\$11,104	\$11,023	\$10,942	\$10,861	\$10,781	\$10,699	\$10,619	\$132,758
a.	Recoverable Costs Allocated to Energy		0	0	0	0	0	0	0	0	0	0	0	0	0
b.	Recoverable Costs Allocated to Demand		\$11,507	\$11,427	\$11,346	\$11,265	\$11,184	\$11,104	\$11,023	\$10,942	\$10,861	\$10,781	\$10,699	\$10,619	\$132,758

(A) Investment amortized over three years as approved in Docket No. 130091-EI Order No. PSC-13-0381-PAA-EI.  
 (B) The allowable return is per the methodology approved in Order No. PSC-12-0425-PAA-EU.  
 (C) Based on 2011 Effective Tax Rate on original cost.