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Matthew R. Bernier
SENIOR COUNSEL
Duke Energy Florida, Inc.

August 27, 2014

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

RE: Energy Conservation Cost Recovery; Docket No. 140002-EG

Dear Ms. Stauffer:

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

- DEF's Petition for Approval of Conservation Cost Recovery True-Up Calculations, Projected Program Expenditures and Projected Cost Recovery Factors for the Period January through December 2015; and
- 2014 Actual/Estimated True-Up & 2015 Projection Testimony of Tim Duff with Exhibit No. ___ (TJD-1P);

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

Sincerely,

/s/ Matthew R. Bernier

Matthew R. Bernier

MRB/at
Enclosures
cc: parties of record

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Energy Conservation Cost Recovery Clause	Docket No. 140002-EG Dated: August 27, 2014

PETITION OF DUKE ENERGY FLORIDA, INC. FOR APPROVAL OF CONSERVATION COST RECOVERY TRUE-UP CALCULATIONS, PROJECTED PROGRAM EXPENDITURES AND PROJECTED COST RECOVERY FACTORS FOR THE PERIOD JANUARY THROUGH DECEMBER 2015

Duke Energy Florida, Inc. ("DEF" or "the Company"), hereby petitions the Commission for approval of the Company's conservation cost recovery true-up and cost recovery factors proposed for the period January 2015 through December 2015. In support thereof, the Company says:

1. DEF projects total conservation program costs of $107,340,446 for the period January 2015 through December 2015.

2. The net true up is an over-recovery of $23,833,773 which includes the final conservation over-recovery of $1,379,080 for the period January 2013 through December 2013 that was reported in DEF's schedule CT-1 filed May 2, 2014, and the actual/estimated true-up over-recovery for January 2014 through December 2014 of $22,454,693.

3. The total recoverable conservation costs including prior period over or under recoveries to be recovered during the January 2015 through December 2015 billing period are $83,532,978.

4. Based upon the required true-up and projected expenditures, DEF has calculated the required conservation cost recovery factors for the period January through December 2015 as follows:

2015 ECCR Billing Factors

Retail Rate Schedule	Secondary Voltage	Primary Voltage	Transmission Voltage
Residential (Cents/kWh)	.254	N/A	N/A
General-Service-Non-Demand (Cents/kWh)	.215	.213	.211
General Service 100% Load Factor (Cents/kWh)	.163	N/A	N/A
General Service Demand ($/kW)	.73	.72	.72
Curtailable ($/kW)	.54	.53	.53
Interruptible ($/kW)	.65	.64	.64
Standby Monthly ($/kW)	.072	.071	.071
Standby Daily ($/kW)	.034	.034	.033
Lighting (Cents/kWh)	.081	N/A	N/A

WHEREFORE, Duke Energy Florida, Inc., respectfully requests the Commission's approval of the Company's prior period conservation cost recovery true-up calculations, projected program expenditures and projected conservation cost recovery charges to be collected during the January 2015 through December 2015 billing period.

RESPECTFULLY SUBMITTED this 27th day of August, 2014.

By: /s/ Matthew R. Bernier

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Deputy General Counsel – Florida
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CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of DEF's petition and testimony in Docket No. 140002-EG has been electronically filed with the Clerk and the parties on this 27th day of August, 2014.

/s/ Matthew R. Bernier

Matthew R. Bernier

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DUKE ENERGY FLORIDA
DOCKET No. 140002-EG

DIRECT TESTIMONY OF

TIMOTHY J. DUFF
WITH RESPECT TO 2014 ACTUAL/ESTIMATED
AND 2015 PROJECTED COSTS

August 27, 2014

Q. Please state your name and business address.

A. My name is Timothy J. Duff. My business address is 550 South Tryon Street, Charlotte, North Carolina 28202.

Q. Have you previously filed Direct Testimony in this proceeding?

A. No, but on May 22, 2014, I adopted the direct testimony of Helena Guthrie, which was filed with the Florida Public Service Commission ("FPSC" or the "Commission") on behalf of Duke Energy Florida, Inc. ("DEF" or the "Company) on May 2, 2014.

Q. Please tell us your position with Duke Energy and describe your duties and responsibilities in that position.

A. I am the General Manager, Customer Regulatory Strategy and Analytics. Serving in this capacity, I am responsible for the development of strategies and policies related to energy efficiency and all other retail products and services. I also oversee the analytics functions associated with evaluating and tracking the performance of Duke Energy's retail products and services.

Q. Please summarize your educational background and employment experience.

A. I graduated from Michigan State University with a Bachelor of Arts in Political Economics and a Bachelor of Arts in Business Administration, and received a Master of Business Administration degree from the Stephen M. Ross School of Business at the University of Michigan. I started my career with Ford Motor Company and worked in a variety of roles within the company's financial organization, including Operations Financial Analyst and Budget Rent-A-Car Account Controller. In 2001, I joined Cinergy where I was responsible for providing business and financial support to plant operating staff. I then joined Cinergy's Rates Department where I provided revenue requirement analytics and general rate support for the company's transfer of three generating plants. Additionally, I had experience in the Environmental Strategy Department and the Regulatory and Legislative Strategy Department. After Cinergy merged with Duke Energy Corporation ("Duke Energy") in 2006, I served as Managing Director, Federal Regulatory Policy. In this role, I was primarily responsible for developing and advocating Duke Energy's policy positions with the Federal Energy Regulatory Commission. I became General Manager, Energy Efficiency & Smart Grid Policy and Collaboration in 2010, was named General Manager, Retail Customer and Regulatory Strategy in 2011, and assumed my current position of General Manager, Customer Regulatory Strategy and Analytics in 2013.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to describe the components and costs of the Company's Demand-Side Management ("DSM") Plan. I will detail the projected costs for implementing each program in that plan, explain how these costs are presented in my

attached exhibit, and show the resulting Energy Conservation Cost Recovery ("ECCR") factors for customer billings in 2015.

Q. Do you have any Exhibits to your testimony?

A. Yes, Exhibit No. _____ (TJD-1P) consists of Schedules C-1 through C-5, which support DEF's ECCR calculations for the 2014 actual/estimated period and the 2015 projection period.

Q. For what currently approved programs does DEF seek recovery?

A. DEF is seeking to recover those costs allowed pursuant to Rule 25-17.015, F.A.C., for each of the following Commission-approved conservation programs, as well as for Conservation Program Administration (those common administration expenses not specifically linked to an individual program). [1]

- Home Energy Check
- Home Energy Improvement
- Residential New Construction
- Neighborhood Energy Saver
- Low-Income Weatherization Assistance
- Energy Management (Residential & Commercial)
- Business Energy Check
- Better Business
- Commercial/Industrial New Construction

[1] DEF is seeking recovery of the 2014 actual and estimated costs for the Solar Water Heating for Low Income Residential Customers, Solar Water Heating with Energy Management, Residential Solar Photovoltaic, Commercial Solar Photovoltaic, Photovoltaic for Schools projects, and the Research and Demonstration Project, but does not project any 2015 costs associated with those projects.

- Innovation Incentive
- Standby Generation
- Interruptible Service
- Curtailable Service
- Solar Water Heating For Low Income Residential Customers
- Solar Water Heating With Energy Management
- Residential Solar Photovoltaic
- Commercial Solar Photovoltaic
- Photovoltaic for Schools
- Research and Demonstration
- Technology Development
- Qualifying Facility

Q. What is included in your Exhibit?

A. Exhibit No. __ (TJD-1P) consists of Schedules C-1 through C-5. Schedule C-1 provides the calculation of the cost recovery factors for 2015 by rate class. Schedule C-2 provides annual and monthly conservation program cost estimates for the 2015 projection period for each conservation program, as well as for common administration expenses. Additionally, Schedule C-2 presents program costs by specific category (i.e., payroll, materials, incentives, etc.) and includes a schedule of estimated capital investments, depreciation and return for the projection period.

Schedule C-3 contains a detailed breakdown of conservation program costs by specific category and by month for the period of January through July 2014 (actual) and August through December 2014 (estimated). In addition, Schedule C-3 presents a schedule of capital investment, depreciation and return, an energy conservation

adjustment calculation of true-up, and a calculation of interest provision for the 2014 actual/estimated period.

Schedule C-4 projects ECCR revenues during the 2015 projection period. Schedule C-5 presents a brief description of each program, as well as a summary of progress and projected expenditures for each program for which DEF seeks cost recovery through the ECCR clause.

Q. Would you please summarize the results presented in your Exhibit?

A. Yes. Schedule C-2, Page 1 of 9, Line 37, shows total program costs, net of the prior period over-recovery, of $83,532,978 for the 2015 projection period. The following table presents DEF's proposed ECCR billing factors, by retail rate class and voltage level for calendar year 2015, as contained in Schedule C-1, Page 2 of 2.

2015 ECCR Billing Factors

Retail Rate Schedule	Secondary Voltage	Primary Voltage	Transmission Voltage
Residential (Cents/kWh)	.254	N/A	N/A
General-Service-Non-Demand (Cents/kWh)	.215	.213	.211
General Service 100% Load Factor (Cents/kWh)	.163	N/A	N/A
General Service Demand ($/kW)	.73	.72	.72
Curtailable ($/kW)	.54	.53	.53
Interruptible ($/kW)	.65	.64	.64
Standby Monthly ($/kW)	.072	.071	.071
Standby Daily ($/kW)	.034	.034	.033
Lighting (Cents/kWh)	.081	N/A	N/A

Q. Does this conclude your testimony?

A. Yes.

DUKE ENERGY FLORIDA
Energy Conservation Cost Recovery Clause (ECCR)
Calculation of the Energy & Demand Allocation % by Rate Class
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C - 1

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) Delivery Efficiency Factor	(5) Sales at Source (Generation) (mWh) (2)/(4)	(6) Avg 12 CP at Source (MW) (3)/(4)	(7) Annual Average Demand (5)/(8760hrs)	(8) Annual Average Demand Allocator (%)	(9) 12 CP Allocator (%)	(10) **12CP & 1/13 AD** Demand Allocator (%)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.519	19,390,958	4,265.27	0.9360703	20,715,280	4,556.57	2,364.76	51.561%	62.055%	61.248%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.652	1,264,199	221.31	0.9360703	1,350,539	236.42	154.17	3.362%	3.220%	3.231%
Primary	0.652	4,428	0.78	0.9751266	4,541	0.79	0.52	0.011%	0.011%	0.011%
Transmission	0.652	3,817	0.67	0.9851266	3,875	0.68	0.44	0.010%	0.009%	0.009%
								3.382%	3.240%	3.251%
General Service										
GS-2 Secondary	1.000	147,708	16.86	0.9360703	157,796	18.01	18.01	0.393%	0.245%	0.257%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.774	12,149,615	1,791.89	0.9360703	12,979,383	1,914.27	1,481.66	32.306%	26.070%	26.550%
Primary	0.774	2,327,827	343.32	0.9751266	2,387,205	352.08	272.51	5.942%	4.795%	4.883%
Transmission	0.774	0	0.00	0.9851266	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.483	5,483	0.42	0.9751266	5,623	0.43	0.64	0.014%	0.006%	0.007%
Transm Del/ Transm Mtr	1.483	5,846	0.45	0.9851266	5,934	0.46	0.68	0.015%	0.006%	0.007%
Transm Del/ Primary Mtr	1.483	1,964	0.15	0.9751266	2,014	0.16	0.23	0.005%	0.002%	0.002%
								38.282%	30.879%	31.449%
Curtailable										
CS-1, CST-1, CS-2, CST-2, SS-3										
Secondary	1.186	0	0.00	0.9360703	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	1.186	35,094	3.38	0.9751266	35,989	3.46	4.11	0.090%	0.047%	0.050%
SS-3 Primary	0.814	1,013	0.14	0.9751266	1,039	0.15	0.12	0.003%	0.002%	0.002%
								0.092%	0.049%	0.052%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	0.963	89,325	10.59	0.9360703	95,426	11.31	10.89	0.238%	0.154%	0.161%
Sec Del/Primary Mtr	0.963	4,383	0.52	0.9751266	4,495	0.53	0.51	0.011%	0.007%	0.008%
Primary Del / Primary Mtr	0.963	1,257,770	149.13	0.9751266	1,289,853	152.93	147.24	3.210%	2.083%	2.170%
Primary Del / Transm Mtr	0.963	20,318	2.41	0.9851266	20,625	2.45	2.35	0.051%	0.033%	0.035%
Transm Del/ Transm Mtr	0.963	269,380	31.94	0.9851266	273,447	32.42	31.22	0.681%	0.442%	0.460%
Transm Del/ Primary Mtr	0.963	333,314	39.52	0.9751266	341,816	40.53	39.02	0.851%	0.552%	0.575%
SS-2 Primary	0.859	38,315	5.09	0.9751266	39,292	5.22	4.49	0.098%	0.071%	0.073%
Transm Del/ Transm Mtr	0.859	41,744	5.55	0.9851266	42,374	5.63	4.84	0.105%	0.077%	0.079%
Transm Del/ Primary Mtr	0.859	4,059	0.54	0.9751266	4,163	0.55	0.48	0.010%	0.008%	0.008%
								5.256%	3.426%	3.567%
Lighting										
LS-1 (Secondary)	6.141	389,030	7.23	0.9360703	415,599	7.73	47.44	1.034%	0.105%	0.177%
		37,785,590	6,897.15		40,176,306	7,342.78	4,586.34	100.000%	100.000%	100.000%

Notes:
(1) Average 12CP load factor based on load research study filed July 31, 2012 (FPSC Rule 25-6.0437 (7))
(2) Projected kWh sales for the period January 2014 to December 2015
(3) Column 2 / (8,760 hours x Column 1)
(4) Based on system average line loss analysis for 2013
(5) Column 2 / Column 4
(6) Column 3 / Column 4
(7) Column 5 / 8,760 hours
(8) Column 5/ Total Column 5
(9) Column 6/ Total Column 6
(10) Column 8 x 1/13 + Column 9 x 12/13

DUKE ENERGY FLORIDA

Energy Conservation Cost Recovery Clause (ECCR)

Calculation of Energy Conservation Cost Recovery Clause Rate Factors by Rate Class

JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C - 1
PAGE 2 OF 2

Rate Class	(1) mWh Sales at Source Energy Allocator (%)	(2) 12CP & 1/13 AD Demand Allocator (%)	(3) Energy-Related Costs ($)	(4) Production Demand Costs ($)	(5) Total Energy Conservation Costs ($)	(6) Projected Effective Sales at Meter Level (mWh)	(7) Billing KW Load Factor (%)	(8) Projected Effective KW at Meter Level (kW)	(9) Energy Conservation Cost Recovery ($/kW-month)	(10) Energy Conservation Cost Recovery (cents/kWh)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	51.561%	61.248%	$ 10,112,194	$39,150,107	$49,262,301	19,390,958				0.254
General Service Non-Demand										
GS-1, GST-1										
Secondary						1,264,199				0.215
Primary						4,384				0.213
Transmission						3,741				0.211
TOTAL GS	3.382%	3.251%	$ 663,375	$2,077,964	$2,741,339	**1,272,323**				
General Service										
GS-2 Secondary	0.393%	0.257%	$ 77,028	$164,059	$241,088	147,708				0.163
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						12,149,615			0.73	
Primary						2,311,921			0.72	
Transmission						5,729			0.72	
TOTAL GSD	38.282%	31.449%	$ 7,507,847	$20,102,189	$27,610,037	**14,467,265**	52.30%	37,893,254		
Curtailable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.54	
Primary						35,746			0.53	
Transmission						-			0.53	
TOTAL CS	0.092%	0.052%	$ 18,075	$33,531	$51,606	**35,746**	51.50%	95,082		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						89,325			0.65	
Primary						1,621,463			0.64	
Transmission						324,813			0.64	
TOTAL IS	5.256%	3.567%	$ 1,030,727	$2,280,062	$3,310,789	**2,035,601**	54.80%	5,088,493		
Lighting										
LS-1 Secondary	1.034%	0.177%	$ 202,875	$112,943	$315,818	389,030				0.081
	100.000%	100.000%	$19,612,123	$63,920,854	$83,532,978	37,738,631				0.221

Notes:

(1) From Schedule C-1 1P, Column 8
(2) From Schedule C-1 1P, Column 10
(3) Column 1 x Total Energy Dollars, C-2 Page 1, line 33
(4) Column 2 x Total Demand Dollars, C-2 Page 1, line 35
(5) Column 3 + Column 4
(6) kWh sales at effective secondary voltage
(7) Class Billing kW Load Factor
(8) Column 6 x 1000 / 8760 / Column 7 x 12
(9) Column 5/ Column 8
(10) Column 5 x 100/ Column 6 x 1,000

***Calculation of Standby Service kW Charges:**

	ECCR Cost	Effective kW	$/kW
Total GSD, CS, IS	$30,972,432	43,076,828	0.72
SS-1, 2, 3 - $/kW-mo	Secondary	Primary	Trans
Monthly - $0.72/kW * 10%	0.072	0.071	0.071
Daily - $0.72/kW / 21	0.034	0.034	0.033

DUKE ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)		12 MONTH TOTAL
1	BETTER BUSINESS (20015937) (E)	$	2,589,093
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	$	4,091,111
3	HOME ENERGY IMPROVEMENT (20015934) (E)	$	4,685,944
4	C/I NEW CONSTRUCTION (20015938) (E)	$	1,054,121
5	HOME ENERGY CHECK (20015932) (E)	$	6,329,865
6	LOW INCOME (20021329) (E)	$	270,814
7	SOLAR WATER HEATING WITH EM (20084920) (E)	$	-
8	RENEWABLE ENERGY SAVER (20060744) (E)	$	0
9	NEIGHBORHOOD ENERGY SAVER (20060745)(E)	$	1,150,571
10	BUSINESS ENERGY CHECK (20015936) (E)	$	661,610
11	CONSERVATION PROGRAM ADMIN (20015935) (E)	$	3,427,317
12	CONSERVATION PROGRAM ADMIN (20015935) (D)	$	380,521
13	QUALIFYING FACILITY (20025062) (E)	$	1,024,496
14	INNOVATION INCENTIVE (20015940) (E)	$	306,594
15	TECHNOLOGY DEVELOPMENT (20015939) (E)	$	800,377
16	STANDBY GENERATION (20021332) (D)	$	5,999,097
17	INTERRUPTIBLE SERVICE (20015941) (D)	$	30,993,402
18	CURTAILABLE SERVICE (20015942) (D)	$	1,286,968
19	RES ENERGY MANGMNT-ADMIN (20015943) (D)	$	41,748,546
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	$	540,000
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E)	$	-
22	SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E)	$	-
23	COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E)	$	-
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)	$	-
25	RESEARCH AND DEMONSTRATION (20084922) (E)	$	-
26			
27	NET PROGRAM COSTS	$	107,340,446
28			

29 SUMMARY OF DEMAND & ENERGY

30 31		12 Months Total	Prior Period True-Up Under(Over) Recovery	Total Costs with True - up	Revenue Expansion Factor	Total Costs To Recover
32						
33	ENERGY	$ 26,391,913	$ (6,785,965)	$ 19,605,948	1.000315	$ 19,612,123
34						
35	DEMAND	80,948,534	(17,047,808)	63,900,726	1.000315	63,920,854
36						
37	TOTAL	$ 107,340,446	$ (23,833,773)	$ 83,506,673		$ 83,532,978

DUKE ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	ESTIMATED Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL
1	BETTER BUSINESS (20015937) (E)	$214,106	$213,901	$215,818	$217,566	$215,811	$215,807	$215,802	$215,798	$217,547	$215,791	$215,647	$215,503	$2,589,093
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	176,147	176,147	239,020	241,650	330,613	330,613	452,737	452,737	455,367	452,737	452,737	330,610	4,091,111
3	HOME ENERGY IMPROVEMENT (20015934) (E)	273,776	273,508	318,716	324,465	382,807	382,807	468,262	468,262	474,011	468,262	468,262	382,807	4,685,944
4	C/I NEW CONSTRUCTION (20015938) (E)	82,371	85,121	88,587	93,089	88,587	88,587	85,837	91,337	93,089	91,337	85,837	80,337	1,054,121
5	HOME ENERGY CHECK (20015932) (E)	517,204	517,193	524,559	545,483	524,692	525,298	525,441	526,184	546,802	526,164	524,883	525,958	6,329,865
6	LOW INCOME (20021329) (E)	26,607	21,982	19,722	19,722	24,722	25,222	25,222	25,722	19,722	19,722	22,722	19,722	270,814
7	SOLAR WATER HEATING WITH EM (20084920) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
8	RENEWABLE ENERGY SAVER (20060744) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
9	NEIGHBORHOOD ENERGY SAVER (20060745) (E)	92,449	92,449	101,837	102,355	92,881	101,837	110,795	110,795	102,355	92,881	83,924	66,009	1,150,571
10	BUSINESS ENERGY CHECK (20015936) (E)	44,432	43,872	44,590	44,206	42,918	77,759	43,998	108,988	44,155	77,716	43,956	45,022	661,610
11	CONSERVATION PROGRAM ADMIN (20015935) (E)	282,468	282,464	286,780	288,984	285,811	285,166	285,614	285,614	288,414	285,614	285,101	285,288	3,427,317
12	CONSERVATION PROGRAM ADMIN (20015935) (D)	31,325	31,325	31,805	32,051	31,703	31,685	31,735	31,735	32,046	31,735	31,678	31,699	380,521
13	QUALIFYING FACILITY (20025062) (E)	85,375	85,375	85,375	85,375	85,375	85,375	85,375	85,375	85,375	85,375	85,375	85,375	1,024,496
14	INNOVATION INCENTIVE (20015940) (E)	25,536	25,536	25,552	25,552	25,552	25,552	25,552	25,552	25,552	25,552	25,552	25,552	306,594
15	TECHNOLOGY DEVELOPMENT (20015939) (E)	34,598	34,502	34,394	98,963	98,961	98,958	34,375	34,375	34,375	98,958	98,958	98,958	800,377
16	STANDBY GENERATION (20021332) (D)	497,362	497,742	498,629	499,105	499,378	500,648	500,116	500,482	500,945	501,205	501,565	501,920	5,999,097
17	INTERRUPTIBLE SERVICE (20015941) (D)	2,582,141	2,582,253	2,582,522	2,582,685	2,582,793	2,582,772	2,582,881	2,582,989	2,582,964	2,583,072	2,583,180	2,583,154	30,993,402
18	CURTAILABLE SERVICE (20015942) (D)	107,247	107,247	107,247	107,247	107,247	107,247	107,247	107,247	107,247	107,247	107,247	107,247	1,286,968
19	RES ENERGY MANGMNT-ADMIN (20015943) (D)	3,461,740	3,465,966	3,500,613	3,461,011	3,466,000	3,513,480	3,529,304	3,542,194	3,533,404	3,468,683	3,402,779	3,403,370	41,748,546
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	45,000	540,000
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
22	SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (I	0	0	0	0	0	0	0	0	0	0	0	0	0
23	COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
25	RESEARCH AND DEMONSTRATION (20084922) (E)	0	0	0	0	0	0	0	0	0	0	0	0	0
26														
27	NET PROGRAM COSTS	$8,579,885	$8,581,583	$8,750,767	$8,814,509	$8,930,852	$9,023,814	$9,155,293	$9,240,386	$9,188,370	$9,177,052	$9,064,403	$8,833,531	$107,340,446
28														
29														
30	SUMMARY OF DEMAND & ENERGY													
31														
32	ENERGY	$1,855,070	$1,852,051	$1,984,951	$2,087,411	$2,198,731	$2,242,982	$2,359,010	$2,430,739	$2,386,764	$2,440,109	$2,392,954	$2,161,142	$26,391,913
33														
34	DEMAND	6,724,815	6,729,533	6,765,816	6,727,099	6,732,121	6,780,832	6,796,283	6,809,647	6,801,606	6,736,942	6,671,449	6,672,390	80,948,534
35														
36	TOTAL	$8,579,885	$8,581,583	$8,750,767	$8,814,509	$8,930,852	$9,023,814	$9,155,293	$9,240,386	$9,188,370	$9,177,052	$9,064,403	$8,833,531	$107,340,446

DUKE ENERGY FLORIDA
ESTIMATED CONSERVATION PROGRAM COSTS
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE Demand (D) or Energy (E)	DEPRECIATION, AMORTIZATION &RETURN	PAYROLL & BENEFITS	MATERIALS & SUPPLIES	OUTSIDE SERVICES	ADVERTISING	INCENTIVES	VEHICLES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
1	BETTER BUSINESS (20015937) (E)	$5,609	$1,017,767	$0	$114,975	$105,600	$1,257,180	$0	$87,962	$0	$2,589,093
2	RESIDENTIAL NEW CONSTRUCT (20015933) (E)	0	946,078	0	22,000	53,000	3,053,100	$0	16,933	0	4,091,111
3	HOME ENERGY IMPROVEMENT (20015934) (E)	269	1,301,514	3,000	13,000	1,200,000	2,136,375	$0	31,786	0	4,685,944
4	C/I NEW CONSTRUCTION (20015938) (E)	0	377,447	0	16,929	79,200	550,000	$0	30,545	0	1,054,121
5	HOME ENERGY CHECK (20015932) (E)	20,933	3,907,838	445,893	25,464	1,907,232	0	$0	22,505	0	6,329,865
6	LOW INCOME (20021329) (E)	0	124,539	0	0	34,625	99,996	$0	11,654	0	270,814
7	SOLAR WATER HEATING WITH EM (20084920) (E)	0	0	0	0	0	0	$0	0	0	0
8	RENEWABLE ENERGY SAVER (20060744) (E)	0	0	0	0	0	0	$0	0	0	0
9	NEIGHBORHOOD ENERGY SAVER (20060745) (E)	0	226,403	0	324,399	0	577,471	$0	22,298	0	1,150,571
10	BUSINESS ENERGY CHECK (20015936) (E)	18,479	362,884	18,531	150,450	79,200	0	$0	32,066	0	661,610
11	CONSERVATION PROGRAM ADMIN (20015935) (E)	2,630	2,558,223	71,793	288,411	141,469	0	$0	364,791	0	3,427,317
12	CONSERVATION PROGRAM ADMIN (20015935) (D)	0	284,247	7,977	32,046	15,719	0	$0	40,532	0	380,521
13	QUALIFYING FACILITY (20025062) (E)	0	978,310	6,298	39,888	0	0	$0	0	0	1,024,496
14	INNOVATION INCENTIVE (20015940) (E)	0	47,930	0	84,647	0	171,000	$0	3,017	0	306,594
15	TECHNOLOGY DEVELOPMENT (20015939) (E)	377	300,000	200,000	275,000	0	0	$0	25,000	0	800,377
16	STANDBY GENERATION (20021332) (D)	120,083	263,924	927	0	0	5,591,388	$4,200	18,575	0	5,999,097
17	INTERRUPTIBLE SERVICE (20015941) (D)	40,662	123,484	0	0	0	30,816,456	$4,200	8,600	0	30,993,402
18	CURTAILABLE SERVICE (20015942) (D)	0	0	0	0	0	1,286,968	$0	0	0	1,286,968
19	RES ENERGY MANGMNT-ADMIN (20015943) (D)	14,413,322	1,817,060	23,794	1,344,416	939,780	22,149,396	$4,200	1,056,578	0	41,748,546
20	COM ENERGY MANGMNT-ADMIN (20015944) (D)	0	0	0	0	0	540,000	$0	0	0	540,000
21	RESIDENTIAL SOLAR PHOTOVOLTAIC (20084918) (E)	0	0	0	0	0	0	$0	0	0	0
22	SOLAR WATER HEAT LOW INCOME RES CUST (20084921) (E)	0	0	0	0	0	0	$0	0	0	0
23	COMMERCIAL SOLAR PHOTOVOLTAIC (20084919) (E)	0	0	0	0	0	0	$0	0	0	0
24	PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)	0	0	0	0	0	0	$0	0	0	0
25	RESEARCH AND DEMONSTRATION (20084922) (E)	0	0	0	0	0	0	$0	0	0	0
26											
27											
28	NET PROGRAM COSTS	$14,622,363	$14,637,648	$778,213	$2,731,625	$4,555,825	$68,229,330	$12,600	$1,772,842	$0	$107,340,446
29											
30											
31	SUMMARY OF DEMAND & ENERGY										
32											
33	ENERGY	$48,296	$12,148,933	$745,515	$1,355,164	$3,600,326	$7,845,122	$0	$648,557	$0	$26,391,913
34											
35	DEMAND	14,574,067	2,488,715	32,698	1,376,461	955,499	60,384,208	12,600	1,124,285	0	80,948,534
36											
37	TOTAL	$14,622,363	$14,637,648	$778,213	$2,731,625	$4,555,825	$68,229,330	$12,600	$1,772,842	$0	$107,340,446

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL
1	**BETTER BUSINESS (20015937) (E)**														
2	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
3	RETIREMENTS		24,059	0	0	0	0	0	0	0	0	0	16,976	0	41,035
4	DEPRECIATION BASE		39,825	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	19,308	10,820	
5															
6	DEPRECIATION EXPENSE (20% rate)		664	463	463	463	463	463	463	463	463	463	322	180	5,333
7															
8	CUMULATIVE INVESTMENT	51,855	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	27,796	10,820	10,820	10,820
9	LESS: ACC. DEPRECIATION	46,217	22,822	23,285	23,748	24,211	24,674	25,137	25,600	26,063	26,526	26,989	10,335	10,515	10,515
10	NET INVESTMENT	5,638	4,974	4,511	4,048	3,585	3,122	2,659	2,196	1,733	1,270	807	485	305	305
11	AVERAGE INVESTMENT		5,306	4,742	4,279	3,816	3,353	2,890	2,427	1,964	1,501	1,038	646	395	
12	RETURN ON AVERAGE INVESTMENT		31	28	25	22	20	17	14	11	9	6	4	3	190
13															
14	RETURN REQUIREMENTS		45	41	36	32	29	25	20	16	13	9	6	4	276
15															
16	PROGRAM TOTAL		$ 709	$ 504	$ 499	$ 495	$ 492	$ 488	$ 483	$ 479	$ 476	$ 472	$ 328	$ 184	$5,609
17															
18	**HOME ENERGY IMPROVEMENT (20015934) (E)**														
19	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
20	RETIREMENTS		28,783	0	0	0	0	0	0	0	0	0	0	0	28,783
21	DEPRECIATION BASE		14,392	0	0	0	0	0	0	0	0	0	0	0	
22															
23	DEPRECIATION EXPENSE (20% rate)		267	0	0	0	0	0	0	0	0	0	0	0	267
24															
25	CUMULATIVE INVESTMENT	28,783	0	0	0	0	0	0	0	0	0	0	0	0	0
26	LESS: ACC. DEPRECIATION	28,517	0	0	0	0	0	0	0	0	0	0	0	0	0
27	NET INVESTMENT	267	0	0	0	0	0	0	0	0	0	0	0	0	-
28	AVERAGE INVESTMEMT		133	0	0	0	0	0	0	0	0	0	0	0	
29	RETURN ON AVERAGE INVESTMENT		1	0	0	0	0	0	0	0	0	0	0	0	1
30															
31	RETURN REQUIREMENTS		2	0	0	0	0	0	0	0	0	0	0	0	2
32															
33	PROGRAM TOTAL		$ 269	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$269
34															
35	**HOME ENERGY CHECK (20015932) (E)**														
36	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	
39															
40	DEPRECIATION EXPENSE (20% rate)		1,207	1,207	1,207	1,207	1,207	1,207	1,207	1,207	1,207	1,207	1,207	1,207	14,484
41															
42	CUMULATIVE INVESTMENT	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394	72,394
43	LESS: ACC. DEPRECIATION	2,414	3,621	4,828	6,035	7,242	8,449	9,656	10,863	12,070	13,277	14,484	15,691	16,898	16,898
44	NET INVESTMENT	69,980	68,773	67,566	66,359	65,152	63,945	62,738	61,531	60,324	59,117	57,910	56,703	55,496	55,496
45	AVERAGE INVESTMEMT		69,377	68,170	66,963	65,756	64,549	63,342	62,135	60,928	59,721	58,514	57,307	56,100	
46	RETURN ON AVERAGE INVESTMENT		410	403	395	388	381	374	367	360	353	346	339	331	4,447
47															
48	RETURN REQUIREMENTS		595	584	573	563	552	542	532	522	512	502	492	480	6,449
49															
50	PROGRAM TOTAL		$ 1,802	$ 1,791	$ 1,780	$ 1,770	$ 1,759	$ 1,749	$ 1,739	$ 1,729	$ 1,719	$ 1,709	$ 1,699	$ 1,687	$20,933

NOTES:
RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL
1	**BUSINESS ENERGY CHECK (20015936) (E)**														
2	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	3,085	3,085
4	DEPRECIATION BASE		72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	70,957	
5															
6	DEPRECIATION EXPENSE (20% rate)		1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,183	14,471
7															
8	CUMULATIVE INVESTMENT	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	69,415	69,415
9	LESS: ACC. DEPRECIATION	26,194	27,402	28,610	29,818	31,026	32,234	33,442	34,650	35,858	37,066	38,274	39,482	37,580	37,580
10	NET INVESTMENT	46,305	45,097	43,889	42,681	41,473	40,265	39,057	37,849	36,641	35,433	34,225	33,017	31,834	31,834
11	AVERAGE INVESTMEMT		45,701	44,493	43,285	42,077	40,869	39,661	38,453	37,245	36,037	34,829	33,621	32,426	
12	RETURN ON AVERAGE INVESTMENT		269	262	255	248	241	234	227	220	213	205	198	191	2,763
13															
14	RETURN REQUIREMENTS		390	380	370	360	350	340	329	319	309	297	287	277	4,008
15															
16	PROGRAM TOTAL		$ 1,598	$ 1,588	$ 1,578	$ 1,568	$ 1,558	$ 1,548	$ 1,537	$ 1,527	$ 1,517	$ 1,505	$ 1,495	$ 1,460	$18,479
17															
18	**CONSERVATION PROGRAM ADMIN (20015935) (E)**														
19	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
20	RETIREMENTS		0	0	0	0	31,365	0	0	0	0	0	0	0	31,365
21	DEPRECIATION BASE		31,366	31,366	31,366	31,366	15,683	-	-	-	-	-	-	-	
22															
23	DEPRECIATION EXPENSE (20% rate)		523	523	523	523	484	0	0	0	0	0	0	0	2,576
24															
25	CUMULATIVE INVESTMENT	31,366	31,366	31,366	31,366	31,366	-	-	-	-	-	-	-	-	-
26	LESS: ACC. DEPRECIATION	28,790	29,313	29,836	30,359	30,882	-	-	-	-	-	-	-	-	-
27	NET INVESTMENT	2,576	2,053	1,530	1,007	484	-	-	-	-	-	-	-	-	-
28	AVERAGE INVESTMENT		2,314	1,791	1,268	745	242	-	-	-	-	-	-	-	
29	RETURN ON AVERAGE INVESTMENT		14	11	7	4	1	-	-	-	-	-	-	-	37
30															
31	RETURN REQUIREMENTS		20	16	10	6	2	-	-	-	-	-	-	-	54
32															
33	PROGRAM TOTAL		$ 543	$ 539	$ 533	$ 529	$ 486	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$2,630
34															
35	**TECH DEVELOPMENT (20015939) (E)**														
36	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
37	RETIREMENTS		0	11,311	1,630	0	305	0	0	0	0	0	0	0	13,247
38	DEPRECIATION BASE		13,247	7,591	1,120	305	153	0	0	0	0	0	0	0	
39															
40	DEPRECIATION EXPENSE (20% rate)		221	127	19	5	3	0	0	0	0	0	0	0	375
41															
42	CUMULATIVE INVESTMENT	13,247	13,247	1,936	305	305	0	0	0	0	0	0	0	0	0
43	LESS: ACC. DEPRECIATION	12,848	13,069	1,885	273	278	0	0	0	0	0	0	0	0	-
44	NET INVESTMENT	399	178	51	32	27	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMEMT		289	115	42	30	14	0	0	0	0	0	0	0	
46	RETURN ON AVERAGE INVESTMENT		1	0	0	0	0	0	0	0	0	0	0	0	1
47															
48	RETURN REQUIREMENTS		2	0	0	0	0	0	0	0	0	0	0	0	2
49															
50	PROGRAM TOTAL		$ 223	$ 127	$ 19	$ 5	$ 3	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$377

NOTES:
RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL
1	**STANDBY GENERATION (20021332) (D)**														
2	INVESTMENT		$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$ 17,330	$207,960
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		389,189	406,519	423,849	441,179	458,509	475,839	493,169	510,499	527,829	545,159	562,489	579,819	
5															
6	DEPRECIATION EXPENSE (20% rate)		6,486	6,775	7,064	7,353	7,642	7,931	8,219	8,508	8,797	9,086	9,375	9,664	96,900
7															
8	CUMULATIVE INVESTMENT	380,524	397,854	415,184	432,514	449,844	467,174	484,504	501,834	519,164	536,494	553,824	571,154	588,484	588,484
9	LESS: ACC. DEPRECIATION	213,781	220,267	227,042	234,106	241,459	249,101	257,032	265,251	273,759	282,556	291,642	301,017	310,681	310,681
10	NET INVESTMENT	166,743	177,587	188,142	198,408	208,385	218,073	227,472	236,583	245,405	253,938	262,182	270,137	277,803	277,803
11	AVERAGE INVESTMENT		172,165	182,865	193,275	203,397	213,229	222,773	232,028	240,994	249,672	258,060	266,160	273,970	
12	RETURN ON AVERAGE INVESTMENT		1,016	1,079	1,140	1,200	1,258	1,314	1,369	1,422	1,473	1,522	1,571	1,617	15,981
13															
14	RETURN REQUIREMENTS		1,474	1,565	1,654	1,741	1,825	1,906	1,986	2,063	2,137	2,208	2,279	2,345	23,183
15															
16	PROGRAM TOTAL		$ 7,960	$ 8,340	$ 8,718	$ 9,094	$ 9,467	$ 9,837	$ 10,205	$ 10,571	$ 10,934	$ 11,294	$ 11,654	$ 12,009	$120,083
17															
18	**INTERRUPTIBLE SERVICE (20015941) (D)**														
19	INVESTMENT		$ 10,500	$ 0	$ 0	$ 10,500	$ 0	$ 0	$ 10,500	$ 0	$ 0	$ 10,500	$ 0	$ 0	$42,000
20	RETIREMENTS		0	0	(6,097)	0	0	0	0	0	0	0	0	0	(6,097)
21	DEPRECIATION BASE		137,122	142,372	145,421	153,719	158,969	158,969	164,219	169,469	169,469	174,719	179,969	179,969	
22															
23	DEPRECIATION EXPENSE (20% rate)		2,285	2,373	2,424	2,562	2,649	2,649	2,737	2,824	2,824	2,912	2,999	2,999	32,237
24															
25	CUMULATIVE INVESTMENT	131,872	142,372	142,372	148,469	158,969	158,969	158,969	169,469	169,469	169,469	179,969	179,969	179,969	179,969
26	LESS: ACC. DEPRECIATION	58,967	61,252	63,625	72,146	74,708	77,357	80,006	82,743	85,567	88,391	91,303	94,302	97,301	97,301
27	NET INVESTMENT	72,905	81,120	78,747	76,323	84,261	81,612	78,963	86,726	83,902	81,078	88,666	85,667	82,668	82,668
28	AVERAGE INVESTMEMT		77,012	79,933	77,535	80,292	82,936	80,287	82,844	85,314	82,490	84,872	87,166	84,167	
29	RETURN ON AVERAGE INVESTMENT		454	471	457	474	489	474	489	503	486	500	514	496	5,807
30															
31	RETURN REQUIREMENTS		659	683	663	688	709	688	709	730	705	725	746	720	8,425
32															
33	PROGRAM TOTAL		$ 2,944	$ 3,056	$ 3,087	$ 3,250	$ 3,358	$ 3,337	$ 3,446	$ 3,554	$ 3,529	$ 3,637	$ 3,745	$ 3,719	$40,662
34															
35	**PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)**														
36	INVESTMENT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
39															
40	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	0	0	-
41															
42	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	
46	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
47															
48	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
49															
50	PROGRAM TOTAL		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0

NOTES:
RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (ITEMIZED BELOW)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 1,192,225	$ 906,052	$ 972,013	$ 1,266,481	$ 895,630	$ 999,267	$ 1,083,379	$ 1,549,234	$ 641,554	$ 550,420	$ 417,620	$ 417,620	$10,891,493
3	RETIREMENTS		98,656	116,714	120,805	176,597	153,708	121,741	216,004	262,314	320,058	115,125	276,163	155,402	2,133,287
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		57,109,362	58,050,816	58,871,089	59,841,634	60,757,537	61,567,261	62,439,711	63,516,859	64,321,065	64,699,461	64,987,837	65,189,674	
7															
8	DEPRECIATION EXPENSE (itemized below)		609,217	624,908	638,579	654,755	670,020	683,515	698,056	716,009	729,412	735,718	740,525	743,889	8,244,603
9															
10	CUMULATIVE PLANT INVEST.	$ 56,562,577	57,656,146	58,445,485	59,296,692	60,386,576	61,128,498	62,006,024	62,873,399	64,160,318	64,481,813	64,917,109	65,058,565	65,320,784	65,320,784
11	LESS: ACC. DEPRECIATION	$ 10,692,717	11,203,278	11,711,473	12,229,246	12,707,404	13,223,716	13,785,490	14,267,542	14,721,237	15,130,591	15,751,184	16,215,546	16,804,033	16,804,033
12	CUMULATIVE CWIP INVEST.	$ 12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305	12,009,305
13	NET PLANT INVESTMENT	$ 57,879,165	58,462,173	58,743,317	59,076,751	59,688,477	59,914,087	60,229,839	60,615,161	61,448,386	61,360,527	61,175,229	60,852,324	60,526,055	60,526,055
14	AVERAGE INVESTMENT		58,170,669	58,602,745	58,910,034	59,382,614	59,801,282	60,071,963	60,422,500	61,031,774	61,404,457	61,267,878	61,013,777	60,689,190	
15	RETURN ON AVG. INVEST.		343,206	345,756	347,569	350,358	352,827	354,424	356,493	360,089	362,285	361,481	359,981	358,069	4,252,538
16															
17	RETURN REQUIREMENTS		497,854	501,552	504,182	508,228	511,809	514,127	517,128	522,344	525,531	524,363	522,187	519,414	$6,168,719
18															
19	PROGRAM TOTAL		$ 1,107,071	$ 1,126,460	$ 1,142,761	$ 1,162,983	$ 1,181,829	$ 1,197,642	$ 1,215,184	$ 1,238,353	$ 1,254,943	$ 1,260,081	$ 1,262,712	$ 1,263,303	$ 14,413,322
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR HARDWARE FOR ODS, LMS, APPDEV. ALSO INCLUDES NGDR TELECOM. (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	DEPRECIATION BASE		13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	
27															
28	DEPRECIATION EXPENSE		143,727	143,727	143,727	143,727	143,727	143,727	143,727	143,727	143,727	143,727	143,727	143,727	1,724,724
29															
30	CUMULATIVE PLANT INVEST.	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657	13,423,657
31	LESS: ACC. DEPRECIATION	1,643,714	1,787,441	1,931,168	2,074,895	2,218,622	2,362,349	2,506,076	2,649,803	2,793,530	2,937,257	3,080,984	3,224,711	3,368,438	3,368,438
32	CUMULATIVE CWIP INVEST.	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239	3,647,239
33	NET PLANT INVESTMENT	15,427,183	15,283,456	15,139,729	14,996,002	14,852,275	14,708,548	14,564,821	14,421,094	14,277,367	14,133,640	13,989,913	13,846,186	13,702,459	13,702,459
34	AVERAGE INVESTMENT		15,355,319	15,211,592	15,067,865	14,924,138	14,780,411	14,636,684	14,492,957	14,349,230	14,205,503	14,061,776	13,918,049	13,774,322	
35	RETURN ON AVG. INVEST.		90,597	89,748	88,901	88,052	87,205	86,356	85,508	84,661	83,812	82,965	82,116	81,269	1,031,190
36															
37	RETURN REQUIREMENTS		131,420	130,188	128,959	127,728	126,499	125,268	124,038	122,809	121,578	120,349	119,117	117,888	$1,495,841
38															
39	PROGRAM TOTAL		$ 275,147	$ 273,915	$ 272,686	$ 271,455	$ 270,226	$ 268,995	$ 267,765	$ 266,536	$ 265,305	$ 264,076	$ 262,844	$ 261,615	$ 3,220,565

NOTES:
RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%
- DEPRECIATION EXPENSE IN LINE 28 IS CALCULATED USING A BLENDED RATE.

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NGDR SOFTWARE FOR ODS, LMS, APPDEV (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 774,605	$ 488,432	$ 554,393	$ 848,861	$ 462,010	$ 581,647	$ 665,759	$ 1,115,614	$ 223,934	$ 132,800	$ 0	$ 0	$5,848,053
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		12,975,176	13,606,695	14,128,107	14,829,734	15,485,169	16,006,998	16,630,701	17,521,387	18,191,160	18,369,527	18,435,927	18,435,927	
7															
8	DEPRECIATION EXPENSE (20% rate)		216,253	226,779	235,469	247,163	258,087	266,784	277,179	292,024	303,187	306,159	307,266	307,266	3,243,616
9															
10	CUMULATIVE PLANT INVEST.	12,587,874	13,362,478	13,850,911	14,405,303	15,254,164	15,716,175	16,297,822	16,963,580	18,079,194	18,303,127	18,435,927	18,435,927	18,435,927	18,435,927
11	LESS: ACC. DEPRECIATION	1,621,297	1,837,550	2,064,329	2,299,798	2,546,961	2,805,048	3,071,832	3,349,011	3,641,035	3,944,222	4,250,381	4,557,647	4,864,913	4,864,913
12	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET PLANT INVESTMENT	10,966,577	11,524,928	11,786,582	12,105,505	12,707,203	12,911,127	13,225,990	13,614,569	14,438,159	14,358,905	14,185,546	13,878,280	13,571,014	13,571,014
14	AVERAGE INVESTMENT		11,245,753	11,655,755	11,946,044	12,406,354	12,809,165	13,068,558	13,420,279	14,026,364	14,398,532	14,272,226	14,031,913	13,724,647	
15	RETURN ON AVG. INVEST.		66,350	68,769	70,481	73,198	75,574	77,104	79,180	82,756	84,951	84,207	82,788	80,976	926,334
16															
17	RETURN REQUIREMENTS		96,247	99,756	102,240	106,181	109,627	111,847	114,858	120,045	123,230	122,150	120,092	117,464	$1,343,737
18															
19	PROGRAM TOTAL		$ 312,500	$ 326,535	$ 337,709	$ 353,344	$ 367,714	$ 378,631	$ 392,037	$ 412,069	$ 426,417	$ 428,309	$ 427,358	$ 424,730	$ 4,587,353
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR AMI METERS (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	DEPRECIATION BASE		22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	
27															
28	DEPRECIATION EXPENSE (5.97% rate)		111,743	111,743	111,743	111,743	111,743	111,743	111,743	111,743	111,743	111,743	111,743	111,743	1,340,916
29															
30	CUMULATIVE PLANT INVEST.	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960
31	LESS: ACC. DEPRECIATION	2,513,428	2,625,171	2,736,914	2,848,657	2,960,400	3,072,143	3,183,886	3,295,629	3,407,372	3,519,115	3,630,858	3,742,601	3,854,344	3,854,344
32	CUMULATIVE CWIP INVEST.	0	-	-	-	-	-	-	-	-	-	-	-	-	-
33	NET PLANT INVESTMENT	19,947,532	19,835,789	19,724,046	19,612,303	19,500,560	19,388,817	19,277,074	19,165,331	19,053,588	18,941,845	18,830,102	18,718,359	18,606,616	18,606,616
34	AVERAGE INVESTMENT		19,891,660	19,779,917	19,668,174	19,556,431	19,444,688	19,332,945	19,221,202	19,109,459	18,997,716	18,885,973	18,774,230	18,662,487	
35	RETURN ON AVG. INVEST.		117,360	116,701	116,042	115,383	114,723	114,064	113,405	112,746	112,086	111,427	110,768	110,109	1,364,814
36															
37	RETURN REQUIREMENTS		170,242	169,286	168,330	167,374	166,417	165,461	164,505	163,549	162,592	161,636	160,680	159,724	$1,979,796
38															
39	PROGRAM TOTAL		$ 281,985	$ 281,029	$ 280,073	$ 279,117	$ 278,160	$ 277,204	$ 276,248	$ 275,292	$ 274,335	$ 273,379	$ 272,423	$ 271,467	$ 3,320,712

NOTES:
RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF ESTIMATED CAPITAL INVESTMENTS, DEPRECIATION & RETURN
JANUARY 2015 - DECEMBER 2015

DOCKET NO. 140002-EG
DUKE ENERGY FLORIDA
TIMOTHY J. DUFF
EXHIBIT NO. _____ (TJD-1P)
SCHEDULE C-2

LINE NO.	PROGRAM TITLE	BEGINNING BALANCE	ESTIMATED Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NON-NGDR RESIDENTIAL PROJECTS (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$ 0	$0
3	RETIREMENTS		33,316	34,571	0	0	0	0	0	0	0	0	0	0	67,887
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		153,635	119,692	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	
7															
8	DEPRECIATION EXPENSE (20% rate)		2,561	1,995	1,707	1,707	1,707	1,707	1,707	1,707	1,707	1,707	1,707	1,707	21,626
9															
10	CUMULATIVE PLANT INVEST.	170,293	136,977	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406	102,406
11	LESS: ACC. AMORT.	122,676	91,921	59,345	61,052	62,759	64,466	66,173	67,880	69,587	71,294	73,001	74,708	76,415	76,415
12	CUMULATIVE CWIP INVEST.	0	-	-	-	-	-	-	-	-	-	-	-	-	0
13	NET PLANT INVESTMENT	47,617	45,056	43,061	41,354	39,647	37,940	36,233	34,526	32,819	31,112	29,405	27,698	25,991	25,991
14	AVERAGE INVESTMENT		46,337	44,059	42,208	40,501	38,794	37,087	35,380	33,673	31,966	30,259	28,552	26,845	
15	RETURN ON AVG. INVEST.		273	260	249	239	229	219	209	199	188	178	169	159	2,571
16															
17	RETURN REQUIREMENTS		396	377	361	346	332	318	303	289	273	258	245	231	3,729
18															
19	PROGRAM TOTAL		$ 2,957	$ 2,372	$ 2,068	$ 2,053	$ 2,039	$ 2,025	$ 2,010	$ 1,996	$ 1,980	$ 1,965	$ 1,952	$ 1,938	$25,355
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - LOAD MANAGEMENT SWITCHES (9080120) (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$ 417,620	$ 417,620	$ 417,620	$ 417,620	$ 433,620	$ 417,620	$ 417,620	$ 433,620	$ 417,620	$ 417,620	$ 417,620	$ 417,620	$5,043,440
23	RETIREMENTS		65,340	82,143	120,805	176,597	153,708	121,741	216,004	262,314	320,058	115,125	276,163	155,402	2,065,400
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	AMORTIZATION BASE		8,095,934	8,439,812	8,755,959	9,024,877	9,285,345	9,573,240	9,821,987	10,008,449	10,142,882	10,342,911	10,564,887	10,766,724	
27															
28	AMORTIZATION EXPENSE (20% rate)		134,933	140,664	145,933	150,415	154,756	159,554	163,700	166,808	169,048	172,382	176,082	179,446	1,913,721
29															
30	CUMULATIVE PLANT INVEST.	7,919,793	8,272,074	8,607,551	8,904,366	9,145,389	9,425,301	9,721,179	9,922,795	10,094,102	10,191,663	10,494,158	10,635,615	10,897,834	10,897,834
31	LESS: ACC. AMORT.	4,791,602	4,861,195	4,919,717	4,944,844	4,918,662	4,919,710	4,957,523	4,905,219	4,809,713	4,658,703	4,715,960	4,615,879	4,639,923	4,639,923
32	CUMULATIVE CWIP INVEST.	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065	8,362,065
33	NET PLANT INVESTMENT	11,490,257	11,772,944	12,049,900	12,321,587	12,588,792	12,867,656	13,125,722	13,379,642	13,646,454	13,895,026	14,140,264	14,381,802	14,619,976	14,619,976
34	AVERAGE INVESTMENT		11,631,600	11,911,422	12,185,743	12,455,189	12,728,224	12,996,689	13,252,682	13,513,048	13,770,740	14,017,645	14,261,033	14,500,889	
35	RETURN ON AVG. INVEST.		68,626	70,278	71,896	73,486	75,096	76,681	78,191	79,727	81,248	82,704	84,140	85,556	927,629
36															
37	RETURN REQUIREMENTS		99,549	101,945	104,292	106,599	108,934	111,233	113,424	115,652	117,858	119,970	122,053	124,107	1,345,616
38															
39	PROGRAM TOTAL		$ 234,482	$ 242,609	$ 250,225	$ 257,014	$ 263,690	$ 270,787	$ 277,124	$ 282,460	$ 286,906	$ 292,352	$ 298,135	$ 303,553	$3,259,337
40															
41	**SUMMARY OF DEMAND & ENERGY:**														
42															
43	ENERGY		5,144	4,549	4,409	4,367	4,298	3,785	3,759	3,735	3,712	3,686	3,522	3,331	48,296
44	DEMAND		1,117,975	1,137,856	1,154,566	1,175,327	1,194,654	1,210,816	1,228,835	1,252,478	1,269,406	1,275,012	1,278,111	1,279,031	14,574,067
45	TOTAL DEPRECIATION AND RETURN		1,123,119	1,142,405	1,158,975	1,179,694	1,198,952	1,214,601	1,232,594	1,256,213	1,273,118	1,278,698	1,281,633	1,282,362	14,622,363

NOTES:
RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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CONSERVATION PROGRAM COSTS
JANUARY through JULY, 2014 ACTUAL
AUGUST through DECEMBER, 2014 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	BETTER BUSINESS										
2	A. ACTUAL	$6,833	$568,382	$0	$37,297	-$147	$16,982	$653,661	$11,273	$0	$1,294,281
3	B. ESTIMATED	4,653	413,666	0	106,547	0	17,324	634,912	13,109	0	1,190,210
4											
5	C. TOTAL	11,486	982,048	0	143,844	-147	34,306	1,288,573	24,382	0	2,484,491
6											
7	RESIDENTIAL NEW CONSTRUCTION										
8	A. ACTUAL	$0	$476,259	$0	$14,342	$2,374	$51,511	$2,572,864	$22,315	$0	$3,139,664
9	B. ESTIMATED	0	327,842	0	8,171	1,500	7,446	994,190	16,558	0	1,355,707
10											
11	C. TOTAL	0	804,101	0	22,513	3,874	58,957	3,567,054	38,872	0	4,495,371
12											
13	HOME ENERGY IMPROVEMENT										
14	A. ACTUAL	$5,304	$691,056	$0	$9,412	$1,789	$407,622	$1,878,915	$24,391	$0	$3,018,489
15	B. ESTIMATED	2,461	504,709	0	4,462	1,300	701,381	972,163	14,103	0	2,200,580
16											
17	C. TOTAL	7,765	1,195,765	0	13,874	3,089	1,109,003	2,851,078	38,495	0	5,219,069
18											
19	C/I NEW CONSTRUCTION										
20	A. ACTUAL	$0	$246,418	$0	$11,541	$0	$5,818	$138,855	$4,662	$0	$407,294
21	B. ESTIMATED	0	190,428	0	101,211	0	5,246	244,222	7,543	0	548,651
22											
23	C. TOTAL	0	436,846	0	112,753	0	11,064	383,077	12,205	0	955,945
24											
25	HOME ENERGY CHECK										
26	A. ACTUAL	$0	$1,980,895	$0	$37,971	$83,870	-$59,965	$0	$74,399	$0	$2,117,171
27	B. ESTIMATED	3,943	1,397,380	0	25,439	104,104	1,981,965	0	50,279	0	3,563,110
28											
29	C. TOTAL	3,943	3,378,274	0	63,410	187,975	1,922,000	0	124,678	0	5,680,281
30											
31	LOW INCOME										
32	A. ACTUAL	$0	$78,906	$0	$687	$0	$15,515	$34,029	$4,891	$0	$134,028
33	B. ESTIMATED	0	56,754	0	700	0	15,000	65,928	4,609	0	142,991
34											
35	C. TOTAL	0	135,659	0	1,387	0	30,515	99,957	9,500	0	277,019

DUKE ENERGY FLORIDA
CONSERVATION PROGRAM COSTS
JANUARY through JULY, 2014 ACTUAL
AUGUST through DECEMBER, 2014 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	RENEWABLE ENERGY SAVER										
2	A. ACTUAL	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	B. ESTIMATED	0	0	0	0	0	0	0	0	0	0
4											
5	C. TOTAL	0	0	0	0	0	0	0	0	0	0
6											
7	NEIGHBORHOOD ENERGY SAVER										
8	A. ACTUAL	$0	$134,645	$0	$587	$7,307	$71,014	$589,970	$24,155	$0	$827,679
9	B. ESTIMATED	0	101,472	0	4,943	27,330	1	361,030	7,048	0	501,823
10											
11	C. TOTAL	0	236,118	0	5,530	34,637	71,015	951,000	31,203	0	1,329,501
12											
13	BUSINESS ENERGY CHECK										
14	A. ACTUAL	$11,888	$259,970	$0	$53,616	$2,913	$15,958	$0	$23,223	$0	$367,566
15	B. ESTIMATED	8,151	197,968	0	81,980	2,080	20,928	0	19,368	0	330,474
16											
17	C. TOTAL	20,039	457,938	0	135,595	4,993	36,885	0	42,590	0	698,040
18											
19	QUALIFYING FACILITY										
20	A. ACTUAL	$0	$1,115,186	$0	$35,253	$46,607	$0	$0	$10,401	$0	$1,207,448
21	B. ESTIMATED	0	-135,500	0	5,000	-40,424	0	0	14,550	0	-156,374
22											
23	C. TOTAL	0	979,686	0	40,253	6,183	0	0	24,951	0	1,051,074
24											
25	INNOVATION INCENTIVE										
26	A. ACTUAL	$0	$15,372	$0	$52	$0	$0	$14,614	$0	$0	$30,038
27	B. ESTIMATED	0	9,737	0	11,948	0	0	25,386	0	0	47,071
28											
29	C. TOTAL	0	25,109	0	12,000	0	0	40,000	0	0	77,109
30											
31	TECHNOLOGY DEVELOPMENT										
32	A. ACTUAL	$1,685	$71,088	$0	$23,075	$101	$0	$0	$8,540	$0	$104,488
33	B. ESTIMATED	1,146	334,182	0	269,244	33,355	0	0	59,072	0	696,998
34											
35	C. TOTAL	2,831	405,269	0	292,318	33,456	0	0	67,612	0	801,486

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DUKE ENERGY FLORIDA
CONSERVATION PROGRAM COSTS
JANUARY through JULY, 2014 ACTUAL
AUGUST through DECEMBER, 2014 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	PROGRAM REVENUES (CREDITS)	TOTAL
1	STANDBY GENERATION										
2	A. ACTUAL	$65,747	$118,168	$0	$20,628	$58,734	$0	$3,193,558	$12,161	$0	$3,468,997
3	B. ESTIMATED	39,307	78,368	0	7,790	46,944	0	2,271,380	6,404	0	2,450,193
4											
5	C. TOTAL	105,054	196,536	0	28,418	105,678	0	5,464,939	18,565	0	5,919,190
6											
7	INTERRUPT LOAD MANAGEMENT										
8	A. ACTUAL	$16,644	$54,595	$51	$5,848	$20	$0	$15,762,037	$2,698	$0	$15,841,892
9	B. ESTIMATED	11,661	39,206	51	4,178	20	0	11,591,467	2,143	0	11,648,725
10											
11	C. TOTAL	28,305	93,801	103	10,025	40	0	27,353,504	4,840	0	27,490,617
12											
13	CURTAIL LOAD MANAGEMENT										
14	A. ACTUAL	$0	$0	$0	-$36,166	$0	$172	$698,960	$0	$0	$662,966
15	B. ESTIMATED	0	0	0	0	0	-172	473,072	0	0	472,900
16											
17	C. TOTAL	0	0	0	-36,166	0	0	1,172,032	0	0	1,135,866
18											
19	RESIDENTIAL ENERGY MANAGEMENT INC. NGDR & LOAD MANAGEMENT SWITCHES										
20	A. ACTUAL	$6,778,144	$1,585,085	$2,307	$1,904,504	$564,636	$25,649	$12,335,860	$59,373	$0	$23,255,558
21	B. ESTIMATED	5,028,823	612,484	-2,251	1,332,092	18,056	18,320	8,638,308	236,236	0	15,882,069
22											
23	C. TOTAL	11,806,967	2,197,569	56	3,236,596	582,692	43,969	20,974,168	295,609	0	39,137,627
24											
25	COMMMERCIAL LOAD MANAGEMENT										
26	A. ACTUAL	$0	$223	$0	$1,050	$0	$0	$279,502	$0	$0	$280,775
27	B. ESTIMATED	0	223	0	1,050	0	0	227,312	0	0	228,585
28											
29	C. TOTAL	0	446	0	2,100	0	0	506,814	0	0	509,360
30											
31	CONSERVATION PROGRAM ADMIN										
32	A. ACTUAL	$4,227	$1,815,991	$81,825	$360,726	$42,307	$208,309	$1,163	$225,586	$0	$2,740,133
33	B. ESTIMATED	2,781	1,688,657	55,305	344,711	30,464	140,004	-1,163	207,862	0	2,468,622
34											
35	C. TOTAL	7,008	3,504,648	137,131	705,437	72,771	348,313	0	433,448	0	5,208,755

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JANUARY through JULY, 2014 ACTUAL
AUGUST through DECEMBER, 2014 ESTIMATED

LINE NO.	PROGRAM TITLE	DEPRECIATION AMORTIZATION & RETURN	OPERATING AND MAINTENANCE COSTS							PROGRAM REVENUES (CREDITS)	TOTAL
			PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER		
1	SOLAR WATER HEATING WITH EM										
2	A. ACTUAL	$0	$12,729	$0	$37	$0	$916	$73,875	$741	$0	$88,299
3	B. ESTIMATED	0	$8,419	$0	$37	$0	-$916	$64,513	$741	0	72,795
4											
5	C. TOTAL	0	21,148	0	74	0	0	138,388	1,482	0	161,093
6											
7	RESIDENTIAL SOLAR PHOTOVOLTAIC										
8	A. ACTUAL	$0	$48,633	$0	$981	$0	$274	$1,691,689	$10,446	$0	$1,752,024
9	B. ESTIMATED	0	34,178	0	798	0	275	208,311	8,707	0	252,269
10											
11	C. TOTAL	0	82,812	0	1,779	0	549	1,900,001	19,153	0	2,004,293
12											
13	SOLAR WATER HEAT LOW INCOME RES										
14	A. ACTUAL	$0	$4,517	$0	$0	$0	$0	$22,101	$741	$0	$27,359
15	B. ESTIMATED	0	2,935	0	0	0	0	85,443	741	0	89,119
16											
17	C. TOTAL	0	7,452	0	0	0	0	107,544	1,482	0	116,478
18											
19	COMMERCIAL SOLAR PHOTOVOLTAIC										
20	A. ACTUAL	$0	$6,259	$0	$92	$0	$0	$841,243	$840	$0	$848,434
21	B. ESTIMATED	0	4,166	0	10	0	0	458,758	840	0	463,773
22											
23	C. TOTAL	0	10,424	0	102	0	0	1,300,001	1,680	0	1,312,207
24											
25	PHOTOVOLTAIC FOR SCHOOLS										
26	A. ACTUAL	$0	$8,318	$0	$1,863	$2,405	$1,000	$888,565	$749	$0	$902,899
27	B. ESTIMATED	0	5,294	0	1,863	2,405	1,000	1,611,435	750	0	1,622,747
28											
29	C. TOTAL	0	13,612	0	3,726	4,810	2,000	2,500,000	1,499	0	2,525,646
30											
31	RESEARCH AND DEMONSTRATION										
32	A. ACTUAL	$0	$8,399	$0	$1,260	$33,697	$0	$0	$0	$0	$43,357
33	B. ESTIMATED	0	7,859	0	268,141	0	0	0	0	0	276,000
34											
35	C. TOTAL	0	16,258	0	269,401	33,697	0	0	0	0	319,357
36											
37	TOTAL ALL PROGRAMS	$11,993,398	$15,181,518	$137,289	$5,064,970	$1,073,747	$3,668,576	$70,598,130	$1,192,248	$0	$108,909,877

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DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		BEGINNING BALANCE	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	TOTAL
1	**BETTER BUSINESS (20015937) (E)**														
2	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	
5															
6	DEPRECIATION EXPENSE (20% rate)		864	864	864	864	864	864	864	864	864	864	864	864	10,368
7															
8	CUMM. NET INVEST	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855	51,855
9	LESS: ACC. NET DEPR	35,849	36,713	37,577	38,441	39,305	40,169	41,033	41,897	42,761	43,625	44,489	45,353	46,217	46,217
10	NET INVESTMENT	16,006	15,142	14,278	13,414	12,550	11,686	10,822	9,958	9,094	8,230	7,366	6,502	5,638	5,638
11	AVERAGE INVESTMENT		15,574	14,710	13,846	12,982	12,118	11,254	10,390	9,526	8,662	7,798	6,934	6,070	
12	RETURN ON AVG INVEST		94	89	84	78	73	68	61	56	51	46	41	36	777
13															
14	RETURN REQUIREMENTS		135	127	120	112	104	98	89	81	74	67	59	52	1,118
15															
16	PROGRAM TOTAL		$999	$991	$984	$976	$968	$962	$953	$945	$938	$931	$923	$916	$11,486
17															
18	**HOME ENERGY IMPROVEMENT (20015934) (E)**														
19	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	RETIREMENTS		0	0	0	12,614	12,227	0	0	0	0	0	0	0	24,841
21	DEPRECIATION BASE		53,624	53,624	53,624	47,317	34,897	28,783	28,783	28,783	28,783	28,783	28,783	28,783	
22															
23	DEPRECIATION EXPENSE (20% rate)		894	894	894	789	582	480	480	480	480	480	480	480	7,413
24															
25	CUMM. NET INVEST	53,624	53,624	53,624	53,624	41,010	28,783	28,783	28,783	28,783	28,783	28,783	28,783	28,783	28,783
26	LESS: ACC. NET DEPR	45,945	46,839	47,733	48,627	36,802	25,157	25,637	26,117	26,597	27,077	27,557	28,037	28,517	28,517
27	NET INVESTMENT	7,680	6,786	5,892	4,998	4,209	3,627	3,147	2,667	2,187	1,707	1,227	747	267	267
28	AVERAGE INVESTMENT		7,233	6,339	5,445	4,603	3,918	3,387	2,907	2,427	1,947	1,467	987	507	
29	RETURN ON AVG INVEST		44	38	33	28	23	20	17	14	11	8	6	3	245
30															
31	RETURN REQUIREMENTS		63	54	47	40	33	29	25	20	16	12	9	4	352
32															
33	PROGRAM TOTAL		$957	$948	$941	$829	$615	$509	$505	$500	$496	$492	$489	$484	$7,765
34															
35	**HOME ENERGY CHECK (20015932) (E)**														
36	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$72,394	$0	$0	$72,394
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	36,197	72,394	72,394	
39															
40	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	1,207	1,207	2,414
41															
42	CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	72,394	72,394	72,394	72,394
43	LESS: ACC. NET DEPR	0	0	0	0	0	0	0	0	0	0	0	1,207	2,414	2,414
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	72,394	71,187	69,980	69,980
45	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	36,197	71,791	70,584	
46	RETURN ON AVG INVEST		0	0	0	0	0	0	0	0	0	213	424	417	1,054
47															
48	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	309	615	605	1,529
49															
50	PROGRAM TOTAL		$0	$0	$0	$0	$0	$0	$0	$0	$0	$309	$1,822	$1,812	$3,943

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		BEGINNING BALANCE	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	TOTAL
1	**BUSINESS ENERGY CHECK (20015936) (E)**														
2	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	DEPRECIATION BASE		72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	
5															
6	DEPRECIATION EXPENSE (20% rate)		1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	14,496
7															
8	CUMM. NET INVEST	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499	72,499
9	LESS: ACC. NET DEPR	11,698	12,906	14,114	15,322	16,530	17,738	18,946	20,154	21,362	22,570	23,778	24,986	26,194	26,194
10	NET INVESTMENT	60,801	59,593	58,385	57,177	55,969	54,761	53,553	52,345	51,137	49,929	48,721	47,513	46,305	46,305
11	AVERAGE INVESTMENT		60,197	58,989	57,781	56,573	55,365	54,157	52,949	51,741	50,533	49,325	48,117	46,909	
12	RETURN ON AVG INVEST		364	357	349	342	335	328	312	305	298	291	284	277	3,842
13															
14	RETURN REQUIREMENTS		522	511	500	490	480	470	453	443	432	422	412	402	5,537
15															
16	PROGRAM TOTAL		$1,730	$1,719	$1,708	$1,698	$1,688	$1,678	$1,661	$1,651	$1,640	$1,630	$1,620	$1,610	$20,033
17															
18	**ENERGY CONSERVATION ADMIN (20015935) (E)**														
19	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	RETIREMENTS		$0	$0	$0	$2,394	$0	$0	$0	$0	$0	$0	$0	$0	2,394
21	DEPRECIATION BASE		33,760	33,760	33,760	32,563	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366	
22															
23	DEPRECIATION EXPENSE (20% rate)		563	563	563	543	523	523	523	523	523	523	523	523	6,416
24															
25	CUMM. NET INVEST	33,760	33,760	33,760	33,760	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366	31,366
26	LESS: ACC. NET DEPR	24,768	25,331	25,894	26,457	24,606	25,129	25,652	26,175	26,698	27,221	27,744	28,267	28,790	28,790
27	NET INVESTMENT	8,992	8,429	7,866	7,303	6,760	6,237	5,714	5,191	4,668	4,145	3,622	3,099	2,576	2,576
28	AVERAGE INVESTMENT		8,710	8,147	7,584	7,031	6,498	5,975	5,452	4,929	4,406	3,883	3,360	2,837	
29	RETURN ON AVG INVEST		52	49	46	42	39	36	32	29	26	22	20	17	410
30															
31	RETURN REQUIREMENTS		75	70	66	60	56	52	46	42	38	32	29	25	591
32															
33	PROGRAM TOTAL		$638	$633	$629	$603	$579	$575	$569	$565	$561	$555	$552	$548	$7,007
34															
35	**TECHNOLOGY DEVELOPMENT (20015939) (E)**														
36	INVESTMENTS		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	
39															
40	DEPRECIATION EXPENSE (20% rate)		221	221	221	221	221	221	221	221	221	221	221	221	2,652
41															
42	CUMM. NET INVEST	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247	13,247
43	LESS: ACC. NET DEPR	10,196	10,417	10,638	10,859	11,080	11,301	11,522	11,743	11,964	12,185	12,406	12,627	12,848	12,848
44	NET INVESTMENT	3,051	2,830	2,609	2,388	2,167	1,946	1,725	1,504	1,283	1,062	841	620	399	399
45	AVERAGE INVESTMENT		2,941	2,720	2,499	2,278	2,057	1,836	1,615	1,394	1,173	952	731	510	
46	RETURN ON AVG INVEST		18	16	15	13	13	11	10	8	7	6	4	3	124
47															
48	RETURN REQUIREMENTS		26	23	21	19	19	16	14	12	10	9	6	4	179
49															
50	PROGRAM TOTAL		$247	$244	$242	$240	$240	$237	$235	$233	$231	$230	$227	$225	$2,831

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		BEGINNING BALANCE	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	TOTAL
1	**STANDBY GENERATION (20021332) (D)**														
2	INVESTMENTS		$0	$35,171	$0	$0	$0	$0	$0	$0	$13,420	$0	$13,421	$0	$62,012
3	RETIREMENTS		0	0	0	0	0	0	0	88,691	28,123	910	0	0	117,723
4	DEPRECIATION BASE		436,235	453,821	471,406	471,406	471,406	471,406	471,406	427,061	375,364	367,558	373,813	380,524	
5															
6	DEPRECIATION EXPENSE (20% rate)		7,271	7,564	7,857	7,857	7,857	7,857	7,857	7,118	6,256	6,126	6,230	6,342	86,192
7															
8	CUMM. NET INVEST	436,235	436,235	471,406	471,406	471,406	471,406	471,406	471,406	382,715	368,013	367,103	380,524	380,524	380,524
9	LESS: ACC. NET DEPR	245,312	252,583	260,147	268,004	275,861	283,718	291,575	299,432	217,859	195,992	201,209	207,439	213,781	213,781
10	NET INVESTMENT	190,923	183,652	211,259	203,402	195,545	187,688	179,831	171,974	164,856	172,020	165,894	173,085	166,743	166,743
11	AVERAGE INVESTMENT		187,287	197,456	207,331	199,474	191,617	183,760	175,903	168,415	168,438	168,957	169,490	169,914	
12	RETURN ON AVG INVEST		1,131	1,193	1,253	1,205	1,157	1,111	1,038	994	994	997	1,000	1,002	13,075
13															
14	RETURN REQUIREMENTS		1,621	1,710	1,796	1,727	1,658	1,592	1,506	1,442	1,442	1,446	1,451	1,454	18,845
15															
16	PROGRAM TOTAL		$8,892	$9,274	$9,653	$9,584	$9,515	$9,449	$9,363	$8,560	$7,698	$7,572	$7,681	$7,796	$105,037
17															
18	**INTERRUPTIBLE SERVICE (20015941) (D)**														
19	INVESTMENTS		$0	$7,153	$0	$0	$0	$0	$0	$10,500	$10,500	$10,500	$10,500	$10,500	$59,653
20	RETIREMENTS		0	0	0	67,559	0	496	0	0	6,008	0	0	6,629	80,693
21	DEPRECIATION BASE		152,912	156,488	160,065	126,285	92,505	92,257	92,009	97,259	104,755	112,251	122,751	129,937	
22															
23	DEPRECIATION EXPENSE (20% rate)		2,549	2,608	2,668	2,105	1,542	1,538	1,533	1,621	1,746	1,871	2,046	2,166	23,993
24															
25	CUMM. NET INVEST	152,912	152,912	160,065	160,065	92,505	92,505	92,009	92,009	102,509	107,001	117,501	128,001	131,872	131,872
26	LESS: ACC. NET DEPR	115,667	118,216	120,824	123,492	58,038	59,580	60,622	62,155	63,776	59,513	61,384	63,430	58,967	58,967
27	NET INVESTMENT	37,245	34,696	39,241	36,573	34,468	32,926	31,388	29,855	38,734	47,488	56,117	64,571	72,905	72,905
28	AVERAGE INVESTMENT		35,970	36,968	37,907	35,520	33,697	32,157	30,621	34,294	43,111	51,802	60,344	68,738	
29	RETURN ON AVG INVEST		217	223	229	215	203	194	181	202	255	305	356	406	2,986
30															
31	RETURN REQUIREMENTS		311	320	328	308	291	278	263	293	370	443	516	589	4,310
32															
33	PROGRAM TOTAL		$2,860	$2,928	$2,996	$2,413	$1,833	$1,816	$1,796	$1,914	$2,116	$2,314	$2,562	$2,755	$28,303
34															
35	**PHOTOVOLTAIC FOR SCHOOLS PILOT (20084917) (E)**														
36	INVESTMENT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
37	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
38	DEPRECIATION BASE		0	0	0	0	0	0	0	0	0	0	0	0	
39															
40	DEPRECIATION EXPENSE (20% rate)		0	0	0	0	0	0	0	0	0	0	0	0	0
41															
42	CUMULATIVE INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43	LESS: ACC. DEPRECIATION	0	0	0	0	0	0	0	0	0	0	0	0	0	0
44	NET INVESTMENT	0	0	0	0	0	0	0	0	0	0	0	0	0	0
45	AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	
46	RETURN ON AVERAGE INVESTMENT		0	0	0	0	0	0	0	0	0	0	0	0	0
47															
48	RETURN REQUIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
49															
50	PROGRAM TOTAL		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		BEGINNING BALANCE	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - SUMMARY (ITEMIZED BELOW)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$2,523,978	$1,516,627	$271,535	$398,152	($156,701)	$56,868	$21,178	$180,053	$180,053	$180,053	$531,820	$506,523	$6,210,139
3	RETIREMENTS		$585,774	$451,377	$839,558	$572,340	$828,390	$595,823	$527,188	$432,254	$317,512	$276,226	$101,901	$117,345	5,645,690
4	INVESTMENTS BOOKED TO CWIP		$485,153	$362,578	$905,033	$356,826	$174,544	$286,953	$608,132	$372,904	$317,808	$662,590	$0	$0	4,532,520
5	CLOSINGS TO PLANT		$1,234,769	$0	$0	$0	$0	$0	$0	$0	$0	$0	$7,443,927	$0	8,678,696
6	DEPRECIATION BASE		$48,905,917	$51,025,028	$51,273,642	$50,902,538	$50,322,897	$49,560,874	$49,038,394	$48,659,288	$48,464,457	$48,347,641	$52,236,477	$56,367,989	
7															
8	DEPRECIATION EXPENSE (itemized below)		$488,763	$512,650	$521,561	$515,928	$506,290	$493,548	$484,831	$478,511	$475,263	$473,317	$533,066	$596,860	6,080,588
9															
10	CUMULATIVE PLANT INVEST.	$47,319,432	$50,492,404	$51,557,654	$50,989,631	$50,815,443	$49,830,352	$49,291,397	$48,785,387	$48,533,186	$48,395,727	$48,299,553	$56,173,399	$56,562,577	56,562,577
11	LESS: ACC. NET DEPR	$10,257,818	$10,160,807	$10,222,080	$9,904,083	$9,847,671	$9,525,570	$9,423,296	$9,380,939	$9,427,196	$9,584,947	$9,782,037	$10,213,202	$10,692,717	10,692,717
12	CUMULATIVE CWIP INVEST.	$16,155,480	$15,405,864	$15,768,442	$16,673,475	$17,030,301	$17,204,845	$17,491,798	$18,099,930	$18,472,834	$18,790,641	$19,453,231	$12,009,305	$12,009,305	12,009,305
13	NET PLANT INVESTMENT	$53,217,093	$55,737,461	$57,104,016	$57,759,023	$57,998,073	$57,509,626	$57,359,900	$57,504,378	$57,578,824	$57,601,421	$57,970,747	$57,969,502	$57,879,165	57,879,165
14	AVERAGE INVESTMENT		$54,477,277	$56,420,739	$57,431,520	$57,878,548	$57,753,850	$57,434,763	$57,432,139	$57,541,601	$57,590,123	$57,786,084	$57,970,124	$57,924,333	
15	RETURN ON AVG INVEST		$329,134	$340,877	$346,986	$349,685	$348,930	$347,004	$338,848	$339,497	$339,782	$340,937	$342,023	$341,753	4,105,456
16															
17	RETURN REQUIREMENTS		$471,684	$488,512	$497,267	$501,136	$500,053	$497,293	$491,531	$492,473	$492,888	$494,562	$496,137	$495,746	5,919,282
18															
19	PROGRAM TOTAL		$960,447	$1,001,162	$1,018,828	$1,017,064	$1,006,343	$990,841	$976,362	$970,984	$968,151	$967,879	$1,029,203	$1,092,606	$11,999,870
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR HARDWARE FOR ODS, LMS, APPDEV. ALSO INCLUDES NGDR TELECOM. (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$2,581,787	$1,402,512	($259,009)	($30,287)	$0	$867	$54	$0	$0	$0	$0	$0	$3,695,924
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		263,247	131,479	529,653	(82,513)	61,027	119,520	212,886	0	0	0	0	0	1,235,298
25	CLOSINGS TO PLANT		1,234,769	0	0	0	0	0	0	0	0	0	2,131,720	0	3,366,488
26	DEPRECIATION BASE		8,269,523	10,879,057	11,450,809	11,306,161	11,291,017	11,291,451	11,291,911	11,291,938	11,291,938	11,291,938	12,357,798	13,423,657	
27															
28	DEPRECIATION EXPENSE		74,928	106,020	120,221	118,497	118,317	118,322	118,328	118,328	118,328	118,328	131,028	143,727	1,404,372
29															
30	CUMULATIVE PLANT INVEST.	6,361,245	10,177,801	11,580,314	11,321,304	11,291,017	11,291,017	11,291,884	11,291,938	11,291,938	11,291,938	11,291,938	13,423,657	13,423,657	13,423,657
31	LESS: ACC. NET DEPR	239,342	314,270	420,290	540,511	659,008	777,325	895,647	1,013,975	1,132,303	1,250,631	1,368,959	1,499,987	1,643,714	1,643,714
32	CUMULATIVE CWIP INVEST.	5,778,429	4,806,908	4,938,386	5,468,039	5,385,526	5,446,553	5,566,073	5,778,959	5,778,959	5,778,959	5,778,959	3,647,239	3,647,239	3,647,239
33	NET PLANT INVESTMENT	11,900,333	14,670,439	16,098,410	16,248,832	16,017,535	15,960,245	15,962,310	16,056,922	15,938,594	15,820,266	15,701,938	15,570,910	15,427,183	15,427,183
34	AVERAGE INVESTMENT		13,285,386	15,384,424	16,173,621	16,133,184	15,988,890	15,961,278	16,009,616	15,997,758	15,879,430	15,761,102	15,636,424	15,499,046	
35	RETURN ON AVG INVEST		80,266	92,948	97,717	97,472	96,600	96,433	94,457	94,386	93,688	92,990	92,255	91,444	1,120,656
36															
37	RETURN REQUIREMENTS		115,030	133,204	140,039	139,688	138,438	138,199	137,019	136,916	135,904	134,891	133,825	132,648	1,615,801
38															
39	PROGRAM TOTAL		$189,958	$239,224	$260,260	$258,185	$256,755	$256,521	$255,347	$255,244	$254,232	$253,219	$264,853	$276,375	$3,020,173

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%
- INCLUDED IN JANUARY AND APRIL LINE 32 ARE ADJUSTMENTS FOR PROJECT RECLASSIFICATIONS. DEPRECIATION EXPENSE IN LINE 28 IS CALCULATED USING A BLENDED RATE.

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FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		BEGINNING BALANCE	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NGDR SOFTWARE FOR ODS, LMS, APPDEV (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$49,149	$112,633	$490,000	$390,878	($207,160)	($620)	$0	$0	$0	$0	$351,767	$326,470	$1,513,118
3	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
4	INVESTMENTS BOOKED TO CWIP		266,212	205,276	349,981	433,110	111,551	167,388	395,246	372,904	317,808	662,590	0	0	3,282,065
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	5,312,208	0	5,312,208
6	DEPRECIATION BASE		5,787,122	5,868,013	6,169,330	6,609,769	6,701,628	6,597,738	6,597,429	6,597,429	6,597,429	6,597,429	9,429,416	12,424,639	
7															
8	DEPRECIATION EXPENSE (20% rate)		96,452	97,800	102,822	110,163	111,694	109,963	109,957	109,957	109,957	109,957	157,157	207,078	1,432,957
9											109,957				
10	CUMULATIVE PLANT INVEST.	5,762,548	5,811,697	5,924,330	6,414,330	6,805,208	6,598,048	6,597,429	6,597,429	6,597,429	6,597,429	6,597,429	12,261,404	12,587,874	12,587,874
11	LESS: ACC. NET DEPR	188,340	284,792	382,592	485,414	595,577	707,271	817,234	927,191	1,037,148	1,147,105	1,257,062	1,414,219	1,621,297	1,621,297
12	CUMULATIVE CWIP INVEST.	2,030,143	2,296,355	2,501,630	2,851,612	3,284,722	3,396,273	3,563,661	3,958,907	4,331,810	4,649,618	5,312,208	0	0	0
13	NET PLANT INVESTMENT	7,604,351	7,823,260	8,043,368	8,780,528	9,494,353	9,287,050	9,343,855	9,629,144	9,892,091	10,099,942	10,652,574	10,847,185	10,966,577	10,966,577
14	AVERAGE INVESTMENT		7,713,805	7,933,314	8,411,948	9,137,440	9,390,701	9,315,453	9,486,500	9,760,618	9,996,016	10,376,258	10,749,879	10,906,881	
15	RETURN ON AVG INVEST		46,604	47,931	50,822	55,206	56,736	56,281	55,970	57,588	58,976	61,220	63,424	64,350	675,108
16															
17	RETURN REQUIREMENTS		66,789	68,690	72,833	79,116	81,308	80,657	81,190	83,537	85,551	88,806	92,002	93,346	973,825
18															
19	PROGRAM TOTAL		$163,241	$166,490	$175,655	$189,279	$193,002	$190,620	$191,147	$193,494	$195,508	$198,763	$249,159	$300,424	$2,406,782
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - NGDR AMI METERS (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		($128,973)	($36,816)	$20,425	$2,842	$5,567	$1,214	$70	$0	$0	$0	$0	$0	($135,671)
23	RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
24	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
26	DEPRECIATION BASE		22,532,144	22,449,250	22,441,054	22,452,688	22,456,892	22,460,283	22,460,925	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	
27															
28	DEPRECIATION EXPENSE (5.97% rate)		112,097	111,685	111,644	111,702	111,723	111,740	111,743	111,743	111,743	111,743	111,743	111,743	1,341,049
29															
30	CUMULATIVE PLANT INVEST.	22,596,631	22,467,658	22,430,842	22,451,267	22,454,109	22,459,676	22,460,890	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960	22,460,960
31	LESS: ACC. NET DEPR	1,172,379	1,284,476	1,396,161	1,507,805	1,619,507	1,731,230	1,842,970	1,954,713	2,066,456	2,178,199	2,289,942	2,401,685	2,513,428	2,513,428
32	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET PLANT INVESTMENT	21,424,252	21,183,182	21,034,681	20,943,462	20,834,602	20,728,446	20,617,920	20,506,247	20,394,504	20,282,761	20,171,018	20,059,275	19,947,532	19,947,532
34	AVERAGE INVESTMENT		21,303,717	21,108,931	20,989,071	20,889,032	20,781,524	20,673,183	20,562,083	20,450,375	20,338,632	20,226,889	20,115,146	20,003,403	
35	RETURN ON AVG INVEST		128,710	127,534	126,810	126,205	125,555	124,901	121,316	120,658	119,998	119,338	118,679	118,020	1,477,724
36															
37	RETURN REQUIREMENTS		184,455	182,770	181,732	180,865	179,934	178,996	175,980	175,026	174,069	173,111	172,155	171,199	2,130,292
38															
39	PROGRAM TOTAL		$296,552	$294,455	$293,376	$292,567	$291,657	$290,736	$287,723	$286,769	$285,812	$284,854	$283,898	$282,942	$3,471,341

NOTES:
- JAN-JUN RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.25% BASED ON MAY 2013 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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DUKE ENERGY FLORIDA
SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		BEGINNING BALANCE	Jan 14	Feb 14	Mar 14	Apr 14	May 14	Jun 14	Jul 14	Aug 14	Sep 14	Oct 14	Nov 14	Dec 14	TOTAL
1	**RESIDENTIAL ENERGY MANAGEMENT - NON-NGDR RESIDENTIAL PROJECTS (D)**														
2	EXPENDITURES BOOKED DIRECTLY TO PLANT		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	RETIREMENTS		0	0	0	257,943	14,513	48,356	9,292	0	497	0	0	0	330,600
4	INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
5	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
6	DEPRECIATION BASE		500,893	500,893	500,893	371,922	235,694	204,259	175,436	170,790	170,541	170,293	170,293	170,293	
7															
8	DEPRECIATION EXPENSE (20% rate)		8,348	8,348	8,348	6,199	3,928	3,404	2,924	2,847	2,842	2,838	2,838	2,838	55,702
9															
10	CUMULATIVE PLANT INVEST.	500,893	500,893	500,893	500,893	242,950	228,437	180,081	170,790	170,790	170,293	170,293	170,293	170,293	170,293
11	LESS: ACC. NET DEPR	397,574	405,922	414,270	422,618	170,874	160,289	115,337	108,970	111,817	114,162	117,000	119,838	122,676	122,676
12	CUMULATIVE CWIP INVEST.	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET PLANT INVESTMENT	103,319	94,971	86,623	78,275	72,076	68,148	64,744	61,820	58,973	56,131	53,293	50,455	47,617	47,617
14	AVERAGE INVESTMENT		99,145	90,797	82,449	75,176	70,112	66,446	63,282	60,397	57,552	54,712	51,874	49,036	
15	RETURN ON AVG INVEST		599	548	499	454	423	402	373	357	340	323	306	290	4,914
16															
17	RETURN REQUIREMENTS		858	785	715	651	606	576	541	518	493	469	444	421	7,077
18															
19	PROGRAM TOTAL		$9,206	$9,133	$9,063	$6,850	$4,534	$3,980	$3,465	$3,365	$3,335	$3,307	$3,282	$3,259	$62,779
20															
21	**RESIDENTIAL ENERGY MANAGEMENT - LOAD MANAGEMENT SWITCHES (9080120) (D)**														
22	EXPENDITURES BOOKED DIRECTLY TO PLANT		$22,015	$38,298	$20,119	$34,719	$44,892	$55,407	$21,054	$180,053	$180,053	$180,053	$180,053	$180,053	$1,136,768
23	RETIREMENTS		585,774	451,377	839,558	314,397	813,877	547,467	517,896	432,254	317,015	276,226	101,901	117,345	5,315,090
24	INVESTMENTS BOOKED TO CWIP		(44,305)	25,824	25,398	6,229	1,966	46	-	-	-	-	-	-	15,157
25	CLOSINGS TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	-
26	AMORTIZATION BASE		11,816,235	11,327,815	10,711,556	10,161,998	9,637,666	9,007,143	8,512,693	8,138,171	7,943,589	7,827,021	7,818,010	7,888,440	
27															
28	AMORTIZATION EXPENSE (20% rate)		196,938	188,797	178,526	169,367	160,628	150,119	141,879	135,636	132,393	130,451	130,300	131,474	1,846,508
29															
30	CUMULATIVE PLANT INVEST.	12,098,115	11,534,355	11,121,276	10,301,837	10,022,159	9,253,173	8,761,113	8,264,272	8,012,070	7,875,108	7,778,934	7,857,086	7,919,793	7,919,793
31	LESS: ACC. AMORT.	8,260,184	7,871,347	7,608,767	6,947,735	6,802,705	6,149,455	5,752,107	5,376,090	5,079,472	4,894,850	4,749,075	4,777,473	4,791,602	4,791,602
32	CUMULATIVE CWIP INVEST.	8,346,907	8,302,602	8,328,426	8,353,824	8,360,053	8,362,019	8,362,064	8,362,064	8,362,064	8,362,064	8,362,064	8,362,065	8,362,065	8,362,065
33	NET PLANT INVESTMENT	12,184,838	11,965,609	11,840,934	11,707,926	11,579,507	11,465,737	11,371,070	11,250,246	11,294,663	11,342,322	11,391,924	11,441,678	11,490,257	11,490,257
34	AVERAGE INVESTMENT		12,075,224	11,903,272	11,774,430	11,643,716	11,522,622	11,418,404	11,310,658	11,272,454	11,318,492	11,367,123	11,416,801	11,465,967	
35	RETURN ON AVG. INVEST.		72,955	71,916	71,138	70,348	69,616	68,987	66,732	66,508	66,780	67,066	67,359	67,649	827,054
36															
37	RETURN REQUIREMENTS		104,552	103,063	101,948	100,816	99,767	98,865	96,801	96,476	96,871	97,285	97,711	98,132	1,192,287
38															
39	PROGRAM TOTAL		$301,490	$291,860	$280,474	$270,183	$260,395	$248,984	$238,680	$232,112	$229,264	$227,736	$228,011	$229,606	$3,038,795
40															
41	**SUMMARY OF DEMAND & ENERGY:**														
42															
43	ENERGY		$ 4,571	$ 4,535	$ 4,504	$ 4,346	$ 4,090	$ 3,961	$ 3,923	$ 3,894	$ 3,866	$ 4,147	$ 5,633	$ 5,595	$ 53,065
44	DEMAND		972,199	1,013,364	1,031,477	1,029,061	1,017,691	1,002,106	987,521	981,458	977,965	977,765	1,039,446	1,103,157	12,133,210
45	TOTAL DEPRECIATION AND RETURN		$ 976,770	$ 1,017,899	$ 1,035,981	$ 1,033,407	$ 1,021,781	$ 1,006,067	$ 991,444	$ 985,352	$ 981,831	$ 981,912	$ 1,045,079	$ 1,108,752	$ 12,186,275

NOTES:
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- JUL-DEC RETURN ON AVERAGE INVESTMENT IS CALCULATED USING AN ANNUAL RATE OF 7.08% BASED ON MAY 2014 EARNING SURVEILLANCE REPORT PER ORDER PSC-12-0425.
- RETURN REQUIREMENTS ARE CALCULATED USING A COMBINED STATUTORY TAX RATE OF 38.575%

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DUKE ENERGY FLORIDA
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE-UP
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	TOTAL FOR THE PERIOD
1A	BETTER BUSINESS	0	0	0	0	0	0	0	0	0	0	0	0	0
1B	HOME ENERGY IMPROVEMENT	0	0	0	0	0	0	0	0	0	0	0	0	0
1C	HOME ENERGY CHECK	0	0	0	0	0	0	0	0	0	0	0	0	0
1D	SUBTOTAL - FEES	0	0	0	0	0	0	0	0	0	0	0	0	0
2	CONSERVATION CLAUSE REVENUES	9,388,696	10,758,987	9,176,623	9,005,697	10,288,310	11,744,971	12,527,785	13,263,802	13,279,650	12,079,040	10,287,569	9,556,708	131,357,839
2A	CURRENT PERIOD GRT REFUND	0	0	0	0	0	0	0	0	0	0	0	0	0
3	TOTAL REVENUES	9,388,696	10,758,987	9,176,623	9,005,697	10,288,310	11,744,971	12,527,785	13,263,802	13,279,650	12,079,040	10,287,569	9,556,708	131,357,839
4	PRIOR PERIOD TRUE-UP OVER/(UNDER)	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	1,379,080
5	CONSERVATION REVENUES APPLICABLE TO PERIOD	9,503,619	10,873,911	9,291,546	9,120,620	10,403,233	11,859,895	12,642,708	13,378,726	13,394,573	12,193,964	10,402,492	9,671,632	132,736,919
6	CONSERVATION EXPENSES (C-3,PAGE 4, LINE 37)	6,672,875	12,252,751	9,524,108	8,079,396	8,689,088	8,339,845	9,002,778	9,234,574	9,231,053	9,231,134	9,294,301	9,357,974	108,909,877
7	TRUE-UP THIS PERIOD (O)/U	(2,830,744)	1,378,841	232,562	(1,041,225)	(1,714,145)	(3,520,050)	(3,639,930)	(4,144,152)	(4,163,520)	(2,962,830)	(1,108,191)	(313,658)	(23,827,042)
8	CURRENT PERIOD INTEREST	(148)	(195)	(142)	(170)	(249)	(351)	(497)	(686)	(888)	(1,061)	(1,157)	(1,187)	(6,731)
9	ADJUSTMENTS PER AUDIT \ RDC Order	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD	(1,379,080)	(4,095,049)	(2,601,479)	(2,254,137)	(3,180,608)	(4,780,079)	(8,185,556)	(11,711,060)	(15,740,975)	(19,790,460)	(22,639,427)	(23,633,851)	(1,379,080)
10 A	CURRENT PERIOD GRT REFUNDED	0	0	0	0	0	0	0	0	0	0	0	0	0
11	PRIOR TRUE-UP (REFUNDED)/ COLLECTED	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	114,923	1,379,080
12	END OF PERIOD NET TRUE-UP	(4,095,049)	(2,601,479)	(2,254,137)	(3,180,608)	(4,780,079)	(8,185,556)	(11,711,060)	(15,740,975)	(19,790,460)	(22,639,427)	(23,633,851)	(23,833,773)	(23,833,773)

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DUKE ENERGY FLORIDA
CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2014 THROUGH DECEMBER 2014

LINE NO.		Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	TOTAL FOR THE PERIOD
1	BEGINNING TRUE-UP AMOUNT (C3,PAGE 11, LINE 9 & 10)	(1,379,080)	(4,095,049)	(2,601,479)	(2,254,137)	(3,180,608)	(4,780,079)	(8,185,556)	(11,711,060)	(15,740,975)	(19,790,460)	(22,639,427)	(23,633,851)	
2	ENDING TRUE-UP AMOUNT BEFORE INTEREST	(4,094,901)	(2,601,284)	(2,253,995)	(3,180,438)	(4,779,830)	(8,185,205)	(11,710,563)	(15,740,289)	(19,789,572)	(22,638,366)	(23,632,694)	(23,832,586)	
3	TOTAL BEGINNING & ENDING TRUE-UP	(5,473,980)	(6,696,333)	(4,855,474)	(5,434,575)	(7,960,438)	(12,965,284)	(19,896,120)	(27,451,349)	(35,530,546)	(42,428,825)	(46,272,121)	(47,466,437)	
4	AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(2,736,990)	(3,348,167)	(2,427,737)	(2,717,287)	(3,980,219)	(6,482,642)	(9,948,060)	(13,725,674)	(17,765,273)	(21,214,413)	(23,136,061)	(23,733,219)	
5	INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.06%	0.07%	0.07%	0.07%	0.08%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	
6	INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.07%	0.07%	0.07%	0.08%	0.07%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	0.06%	
7	TOTAL (LINE 5 AND LINE 6)	0.13%	0.14%	0.14%	0.15%	0.15%	0.13%	0.12%	0.12%	0.12%	0.12%	0.12%	0.12%	
8	AVERAGE INTEREST RATE (50% OF LINE 7)	0.065%	0.070%	0.070%	0.075%	0.075%	0.065%	0.060%	0.060%	0.060%	0.060%	0.060%	0.060%	
9	INTEREST PROVISION (LINE 4 * LINE 8) / 12	(148)	(195)	(142)	(170)	(249)	(351)	(497)	(686)	(888)	(1,061)	(1,157)	(1,187)	(6,731)

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CALCULATION OF ENERGY CONSERVATION COST RECOVERY (ECCR) REVENUES
FOR THE PERIOD: JANUARY 2015 THROUGH DECEMBER 2015

MONTH	JURISDICTIONAL MWH SALES	CLAUSE REVENUE NET OF REVENUE TAXES
JANUARY	3,053,112	$6,722,808
FEBRUARY	2,711,825	$6,170,823
MARCH	2,630,687	$5,720,666
APRIL	2,655,086	$5,810,116
MAY	2,850,829	$6,179,241
JUNE	3,443,184	$7,673,151
JULY	3,787,779	$8,378,749
AUGUST	3,680,235	$8,135,797
SEPTEMBER	3,748,879	$8,382,977
OCTOBER	3,503,048	$7,716,473
NOVEMBER	2,952,686	$6,499,064
DECEMBER	2,768,240	$6,019,454
TOTAL	37,785,590	$83,409,320

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check program is a comprehensive residential energy evaluation (audit) program. The program provides Duke Energy Florida, Inc.'s (DEF) residential customers with an analysis of energy consumption and recommendations on energy efficiency improvements. It acts as an educational tool to identify, evaluate, and inform consumers on cost effective energy saving measures including those incentivized through Home Energy Improvement (HEI) Program and those measures with quick paybacks that are not covered by HEI and can easily be done by the customer. The Home Energy Check serves as the foundation of the residential Home Energy Improvement Program. Residential customers can choose from various energy audit types including: a free walk-through, a paid walk-through, an energy rating (Energy Gauge), a mail-in audit, a web-based audit, and a phone assisted audit.

Program Projections for January 2015 through December 2015: It is estimated that 35,700 customers will participate in this program during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $6,329,865.

Program Progress Summary: As of July 31, 2014, there have been 18,645 customers that have participated in this program. The Home Energy Check will continue to inform and motivate consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Home Energy Improvement

Program Description: Home Energy Improvement is an umbrella program for residential customers with existing homes. This program combines thermal envelope efficiency improvements with upgraded equipment and appliances. The Home Energy Improvement program includes incentives for measures such as: duct testing, duct leakage repair, attic insulation, injected wall insulation, replacement windows, window film, reflective roofing, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, high efficiency A/C replacing A/C with non-electric heat and HVAC commissioning.

Program Projections for January 2015 through December 2015: It is estimated that 19,404 completions will be performed in this program during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $4,685,944.

Program Progress Summary: As of July 31, 2014, there have been 16,503 measure installations that have taken place as a result of this program. This program will continue to be offered to residential customers to provide opportunities for improving the energy efficiency of existing homes.

Program Description and Progress

Program Title: Residential New Construction (Home Advantage)

Program Description: The Home Advantage Program promotes energy-efficient construction which exceeds the Florida Energy Code. Information, education, and consultation are provided to homebuilders, contractors, realtors and home buyers on energy-related issues and efficiency measures. This program is designed to encourage single family, multi-family, and manufactured home builders to build more energy efficient homes by encouraging a whole house performance view including the installation of climate effective windows, reflective roof materials, upgraded insulation, energy recovery ventilation, highly efficient HVAC equipment, and HVAC commissioning. Incentives are awarded to the builder based on the level of efficiency they choose including Energy Star Certification process.

Program Projections for January 2015 through December 2015: It is estimated that 8,136 homes representing 95 builders will participate in this program during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $4,091,111.

Program Progress Summary: As of July 31, 2014, there have been 20,098 measure installations that have taken place on 6,007 homes representing 95 builders as a result of this program. This program is tied to the home building industry and hence, overall economic forces will drive the number of homes built and size of the potential market for this program during this period.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

Program Description: The Neighborhood Energy Saver Program was designed to assist low-income families with escalating energy costs. The goal is to implement a comprehensive package of electric conservation measures in the homes of eligible customers. In addition to the installation of these measures, an important component of this program is educating families on energy efficiency techniques and best practices to support the implementation of behavior changes to manage energy use.

Program Projections January 2015 through December 2015: It is estimated that 3,000 households will participate in the Neighborhood Energy Saver Program.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $1,150,571.

Program Progress Summary: As of July 31, 2014, there have been 21,860 measures implemented on 1,789 households through this program.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The program goal is to integrate DEF's DSM program measures with the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to low-income families. Through this partnership, DEF will assist local weatherization agencies by providing energy education, energy education materials and financial incentives to weatherize the homes of low-income families.

Program Projections for January 2015 through December 2015: It is estimated that 467 households with 1,650 measures will participate in the Low-Income Weatherization Assistance Program.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $270,814.

Program Progress Summary: As of July 31, 2014, there have been 594 measures installed through this program. Historically, participation is reduced in the latter part of the year.

Program Description and Progress

Program Title: Energy Management (Residential & Commercial)

Program Description: The Energy Management program is a voluntary program that incorporates direct radio control of selected customer equipment to reduce system demand during winter and summer peak capacity periods and/or emergency conditions by temporarily interrupting selected customer appliances for specified periods of time. Customers have a choice of options and receive a credit on their monthly electric bills, depending on the options selected and their monthly kWh usage. The commercial program was closed to new participants as of July 20, 2000.

The current direct load control (DLC) one-way communications and appliance switching infrastructure that allows DEF to shed peak demand is becoming obsolete. Major infrastructure maintenance and system upgrades are necessary to continue to ensure the availability of the existing direct load control capacity and to support additional capacity in the future.

DEF's existing system is a one-way communications (paging) direct load control program with no direct feedback. It provides DEF with about 660 MW of Winter and 330 MW of Summer load reduction. Close to 400,000 customers currently participate in the program requiring over 520,000 control switches, the majority being original analog switches.

DEF is evaluating available two-way communication technologies in order to implement a solution that maintains the existing benefits and allows a smooth transition to future technologies. To support a smooth transition, the Company will continue toward development of a new Load Management System. The completion of the programming for the new Load Management System will provide functionality for future load management technology that the Company plans to implement. This system will also include functionality to support asset management and maintenance.

Program Projections for January 2015 through December 2015: During this period we anticipate adding 10,000 new participants to our current portfolio of approximately 400,000 participants contributing over 660 MW of winter and 330 MW of summer load reduction.

Program Description and Progress

Program Fiscal Costs for January 2015 through December 2015: Program costs during this period are projected to be $42,288,546 to include necessary modifications to ensure the integrity of existing system and future capacity benefits.

Program Progress Summary: As of July 31, 2014, there were 395,788 customers participating in the Energy Management program. Through July 31, 2014, a total of 1,626 new participant installations have been completed.

Program Description and Progress

Program Title: Business Energy Check

Program Description: The Business Energy Check is an audit for non-residential customers. Several options are available. The free audit provides a no-cost energy audit for non-residential facilities and can be completed at the facility by an auditor, or online by the business customer. The paid audit provides a more thorough energy analysis for non-residential facilities. This program acts as an awareness tool to identify, evaluate, and inform consumers on cost effective energy saving measures for their facility. The Business Energy Check serves as the foundation of the Better Business Program.

Program Projections for January 2015 through December 2015: It is estimated that 2,177 customers will participate in this program during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $661,610.

Program Progress Summary: As of July 31, 2014, there have been 1,560 customers that have participated in this program. The Business Energy Check will continue to inform and motivate non-residential consumers on cost effective energy efficiency improvements which result in implementation of energy efficiency measures.

Program Description and Progress

Program Title: Better Business

Program Description: This umbrella efficiency program provides incentives to existing commercial and industrial customers for heating, air conditioning, motors, roof insulation upgrade, duct leakage and repair, window film, demand-control ventilation, lighting, occupancy sensors, green roof, cool roof coating, high efficiency energy recovery ventilation, compressed air, and HVAC optimization.

Program Projections for January 2015 through December 2015: It is estimated that 900 measure installations will take place as a result of this program during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $2,589,093.

Program Progress Summary: As of July 31, 2014, there have been 670 measure installations that have taken place as a result of this program. This program will continue to provide non-residential customers with opportunities for improving the energy efficiency of existing facilities.

Program Description and Progress

Program Title: Commercial/Industrial New Construction

Program Description: This umbrella efficiency program provides incentives to new Commercial and Industrial facilities for high efficiency HVAC equipment, high efficiency motors, compressed air, roof insulation, cool roof, green roof, demand-control ventilation, high efficiency energy recovery ventilation, and lighting. This program provides information, education, and advice on energy-related issues and efficiency measures by involvement early in the building's design process.

Program Projections for January 2015 through December 2015: It is estimated that 200 measure installations will take place as a result of this program during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $1,054,121.

Program Progress Summary As of July 31, 2014, there has been 92 measure installations that have taken place as a result of this program. This program is tied to the commercial building industry and hence economic forces will drive the number of commercial facilities built and size of the potential market for this program during this period.

Program Description and Progress

Program Title: Innovation Incentive

Program Description: Significant conservation efforts that are not supported by other DEF programs can be encouraged through Innovation Incentive. Major equipment replacement or other actions that substantially reduce DEF peak demand requirements are evaluated to determine their impact on DEF's system. Incentives are provided for customer-specific demand and energy conservation projects on a case-by-case basis. To be eligible, projects must reduce or shift a minimum of 10 kW of peak demand, and must pass the cost-effectiveness analysis. Examples include refrigeration equipment replacement, PTAC chemical cleaning, and heat pipe technology for HVAC units.

Program Projections for January 2015 through December 2015: DEF will continue to identify opportunities for customer-specific demand and energy conservation projects that are outside the approved programs.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $306,594.

Program Progress Summary: As of July 31, 2014, there have been 9 customers that have participated in this program. This program continues to recognize specialized energy efficiency measures not covered through the company's other DSM programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: DEF provides an incentive for customers who, when notified by DEF, voluntarily operate their on-site generation during times of system peak.

Program Projections for January 2015 through December 2015: It is estimated that 10 new installations will be completed during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Expenses for this program are projected to be $5,999,097.

Program Progress Summary: As of July 31, 2014, there were 253 accounts participating in this program.

Program Description and Progress

Program Title: Interruptible Service

Program Description: The Interruptible Service rate is a dispatchable DSM program in which customers contract to allow DEF to switch off electrical service to customers during times of capacity shortages. In return for permitting interruption to their service, the customers receive a monthly credit on their bill based on their monthly peak demand.

Program Projections for January 2015 through December 2015: 1 new account is estimated to sign up during the period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $30,993,402.

Program Progress Summary: As of July 31, 2014, this program had 132 accounts participating.

Program Description and Progress

Program Title: Curtailable Service

Program Description: The Curtailable Service rate is a dispatchable DSM program in which customers contract to curtail or shut down a portion of their electric load during times of capacity shortages. The curtailment is managed by the customer when notified by DEF. In return for this cooperation, the customer receives a monthly rebate for the curtailable portion of their load.

Program Projections for January 2015 through December 2015: 0 new participants are expected during the projection period.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $1,286,968.

Program Progress Summary: As of July 31, 2014, this program had 4 accounts participating.

Program Description and Progress

Program Title: Solar Water Heater for Low Income Residential Customers Pilot

Program Description: This program is a customer renewable energy measure designed to assist low-income families with energy costs by incorporating solar thermal water heating system in their residence while it is under construction. The solar thermal system will be provided at no cost to the non-profit builders or the residential participants. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through the end of 2014.

Program Progress Summary: As of July 31, 2014, there were a total of 12 customer additions to the Solar Water Heater for Low Income Pilot program.

Program Description and Progress

Program Title: Solar Water Heater with Energy Management

Program Description: This pilot program encourages residential customers to install a solar thermal water heating system. This program was developed in collaboration with the solar industry. Additionally, the pilot program promotes the installation of renewable energy on energy efficient homes by requiring customers to complete a Home Energy Check before the solar thermal system is installed. To receive the one-time $550 incentive, the heating, air conditioning, and water heating systems must be on the Energy Management program and the solar thermal system must provide a minimum of 50% of the water heating load. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through the end of 2014.

Program Progress Summary: As of July 31, 2014, an additional 144 customers participated in the Solar Water Heater with Energy Management program. Program participation will be governed by the solar industry and economic forces which dictate the number of solar systems installed during this period.

Program Description and Progress

Program Title: Residential Solar Photovoltaic Pilot

Program Description: This pilot program encourages residential customers to install new solar photovoltaic (PV) systems on their home. Additionally, the pilot program promotes the installation of renewable energy on energy efficient homes by requiring customers to complete a Home Energy Check before the PV system is installed. The pilot program design includes an annual reservation process for pre-approval to ensure the incentive funds are available for participation. Participants can receive a rebate up to $2.00 per Watt of the PV dc power rating up to a $20,000 maximum for installing a new PV system. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through the end of 2014.

Program Progress Summary: As of July 31, 2014, 99 measure completions have taken place as a result of this program. This program is tied to the solar industry. Economic forces will dictate the number of solar systems installed during this period.

Program Description and Progress

Program Title: Commercial Solar Photovoltaic Pilot

Program Description: This pilot program encourages commercial customers to install new solar photovoltaic (PV) systems on their facilities. Additionally, the pilot program promotes the installation of renewable energy on energy efficient businesses by requiring customers to complete a Business Energy Check prior to installation. The pilot program design includes an annual reservation process for pre-approval to ensure the incentive funds are available for participation. Participants can receive a rebate up to $2.00 per Watt of the PV dc power rating for the first 10 kW, $1.50 per Watt for 11 kW to 50 kW, and $1.00 per Watt for 51 kW to 100 kW, up to a $130,000 maximum for installing a new PV system. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through the end of 2014.

Program Progress Summary: As of July 31, 2014, 13 measure completions have taken place as a result of this program. This program is tied to the solar industry. Economic forces will dictate the number of solar systems installed during this period.

Program Description and Progress

Program Title: Photovoltaic for Schools Pilot

Program Description: This pilot program is designed to promote energy education and provide participating public schools with new solar photovoltaic (PV) systems at no cost to the school. The pilot program will be limited to an annual target of one system with a rating up to 100 kW installed on a post-secondary school and up to ten (10) 10 kW systems with battery backup option installed on schools, preferably those serving as emergency shelters. This program was implemented in 2011, along with a new online application process and will continue to be offered in Duke Energy Florida's service territories through the end of 2014.

Program Progress Summary: As of July 31, 2014, DEF has performed 10 measure installations.

Program Description and Progress

Program Title: Research and Demonstration Pilot

Program Description: This program's purpose is to research technology and establish R&D initiatives to support the development of renewable energy pilot programs. This program was implemented in 2011 and will continue through the end of 2014.

Program Progress Summary: Several research projects achieved significant milestones in 2014; examples include:

- Flat Plate PV Study: The flat-plate photovoltaic (PV) performance testing project at the Solar Technology Acceleration Center (SolarTAC) is a multi-year, data-driven effort to provide unbiased field testing of a variety of commercial-scale solar PV systems under different environmental and seasonal conditions. University of South Florida Renewable Energy Storage Project: This project will integrate an energy storage system utilizing advanced battery technology in a stationary power system application to address the needs of a renewable energy system at the University of South Florida. The energy storage system will be integrated with a 100 kW PV system at the University of South Florida. The project will demonstrate and optimize the use of energy storage to mitigate the intermittency of solar PV systems and maximize power system value of this distributed energy storage system. This project will also focus on use of customer-owned energy storage systems for aggregated demand response. The energy storage system will be configured to provide back-up power for selected loads and could be included in a future microgrid. Battery degradation, energy storage system losses and other pertinent parameters for the system will be analyzed.
- Electric Power Research Institute (EPRI) programs: EPRI has established a growing set of research products that address the cost, performance, reliability, O&M, and other attributes of solar generation technologies. Through the partnership with EPRI, DEF tracks the development of all major solar technology options and gains insights on technology maturity, market trends, major manufacturers, and the likely scale and timeframe of market growth. Participation in the EPRI Program for Integration of

Program Description and Progress

Distributed Renewables has provided information that has helped DEF prepare for the addition of more renewable distributed energy resources (DER) into the electricity grid. Integration of distributed renewables brings a number of challenges including large numbers of interconnection requests, questions about feeder voltage regulations, hosting capacity, and inverter grid support and grounding options. Collaboration and research through these EPRI programs helps us respond to these challenges.

Program Description and Progress

Program Title: Technology Development

Program Description: This program allows DEF to undertake certain development and demonstration projects which provide support for the development of cost-effective demand reduction energy efficiency and alternative energy programs.

Program Projections for January 2015 through December 2015: DEF has partnered with various research organizations including, the Florida Solar Energy Center, University of South Florida, and the Electric Power Research Institute to evaluate energy efficiency, energy storage, demand response, and smart-charging technologies. Several research projects associated with these four focus areas will continue and/or launch in 2015:

- EPRI Variable Capacity Heat Pump AC
- Florida Building Automated Energy Efficiency and Demand Response
- Thermal Energy Storage Research
- Renewable SEEDS (alternative energy with storage)
- Smart Appliance Research and Demonstration
- Smart Charging for Electric Transportation
- Electric Power Research Institute (EPRI) programs (energy storage, Intelligrid, Distributed Solar PV Variability, and electric transportation infrastructure)

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $800,377.

Program Progress Summary: Over the past year some projects have been concluded, such as FSEC High Efficiency Heat Pump Project. Other projects have been designed and will be implemented, such as an EPRI variable capacity heat-pump study, and an automated building demand response project with the University of South Florida. A summary of such accomplishments include:

- EPRI Variable Capacity Heat Pump AC: Heating and cooling is a primary driver of residential load and energy usage. This project was designed to study the improvements in efficiency and peak load reductions from using ultra high-efficiency heat pumps in

Program Description and Progress

Florida. Based on 2013 and 2014 data analysis from the participant homes, these heat pumps reduced energy use and heat strip use on peak. However, additional improvements in demand reduction may be possible by modifying controls and reducing the rating of the strip heat in these installations. Also, two new technologies will be demonstrated at two additional sites. Data collection and analysis will be performed over a 24 month period.

- Florida Building Automated Energy Efficiency and Demand Response: This project will explore the potential for developing a Florida program for EE and DR improvements through customer energy optimization products. Working with USF, an investigation into available technologies, implementations, and value propositions will be done.
- Thermal Energy Storage Research: This project will define a plan for DEF to research and evaluate the potential impacts of thermal energy storage (TES) options. This project will provide an analysis of TES impacts, ownership, and operation.
- Renewable SEEDS: This project consists of two sites with PV systems integrated with energy storage. Both of these sites are operating well and have demonstrated several smoothing, energy shifting and demand response capabilities. Beginning in 2014, these sites will be monitored, maintained and upgraded to be interfaced with other distributed energy storage system(s) to demonstrate aggregation of distributed energy storage.
- Smart Appliance Research and Demonstrations: These projects will explore the potential for developing a Florida program for utilizing Smart Thermostats, Water Heaters and Pool Pumps to implement customer-focused demand response and energy efficiency.
- Smart charging for electric transportation: Testing will include analysis of residential and public charging, vehicle charging programs, and Electric Vehicle Supply Equipment (EVSE) control technology.
- Distributed Solar PV Variability Project: Twelve pole-mounted arrays were installed, and data collection equipment was attached to four fixed sites; all began transmitting one-second interval data. Data collection continued for a total of 18 months and provided detailed data on the effects of solar variability to the distribution system. The data is being analyzed for both the pole-mounted and fixed sites by EPRI. The data is also being utilized in simulations to determine PV hosting capacity (penetration) for distribution feeders. The communications to these systems will be upgraded and data collection and analysis will continue for an additional 24 months.

Program Description and Progress

- CEA-2045 Testing Project: The CEA-2045 standard provides for a modular communications interface to residential appliances for demand management. CEA-2045 also provides standard signals for DSM to control appliances. Duke Energy Florida, with EPRI, will be testing CEA-2045 thermostats, heat pump water heaters, electric water heaters, pool pump/timers, and EVSE. The functionality of these devices is being verified under lab conditions and field demonstrations for program development.

In addition to the projects noted, we will continue to pursue other promising new technology projects and participate in industry research that support our technology roadmap and the pursuit of cost-effective demand reduction, energy efficiency, and alternative energy programs.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: For this program, power is purchased from qualifying cogeneration and small power production facilities, including renewables.

Program Projections for January 2015 through December 2015: Duke Energy Florida will continue to meet with Qualified Facility (QF) developers interested in providing renewable resources within our service territory. Project and avoided cost discussions with renewable and combined heat and power developers who are also exploring distributed generation options remain constant as the technologies advance, the market changes, and the associated policies are refined. As the number of potential QFs that engage Duke Energy Florida increase, more in depth research and analytics will be required to support good faith QF purchased power negotiations and contract structures. Duke Energy Florida will monitor the existing QF contracts under development for construction milestones, financing status, permitting, transmission studies and agreements, insurance and Performance Security. Duke Energy Florida will continue to prudently administer all executed and in-service QF contracts for compliance. For 2015, Duke Energy Florida will also manage the most recent QF portfolio changes that include 60 MW of biomass electric generation that began commercial operation May 20, 2014, as well as the transition from the Lake County Resource Recovery PPA for 12.8 MW that expired June 30, 2014 to the executed As-Available Contract Tariff that began July 1, 2014.

Program Fiscal Costs for January 2015 through December 2015: Costs for this program are projected to be $1,024,496.

Program Progress Summary: Duke Energy Florida has approximately 928 MW under contract from Qualifying Facilities. The total firm capacity from cogeneration facilities is 304 MW and the total firm capacity from renewable facilities is 177 MW with 57 MW of renewables delivering energy to the Company on an as-available basis. Finally, approximately 390 MW of Qualified renewables are under development.