Matthew R. Bernier
SENIOR COUNSEL
Duke Energy Florida, LLC

August 19, 2016

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

RE: Energy Conservation Cost Recovery; Docket No. 160002-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 2017; and
- 2016 Actual/Estimated True-Up & 2017 Projection Testimony of Lori J. Cross with Exhibit No. ___ (LJC-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. 160002-EG Dated: August 19, 2016

PETITION OF DUKE ENERGY FLORIDA, LLC FOR APPROVAL OF CONSERVATION COST RECOVERY TRUE-UP CALCULATIONS, PROJECTED PROGRAM EXPENDITURES AND PROJECTED COST RECOVERY FACTORS FOR THE PERIOD JANUARY THROUGH DECEMBER 2017

Duke Energy Florida, LLC ("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 2017 through December 2017. In support thereof, the Company states:

1. DEF projects total conservation program costs of $112,925,731 for the period January 2017 through December 2017.

2. The net true up is an over-recovery of $3,879,575 which includes the final conservation over-recovery of $6,293,328 for the period January 2015 through December 2015 as shown on DEF's schedule CT-1 filed May 2, 2016, and the actual/estimated true-up under-recovery for January 2016 through December 2016 of $2,413,753.

3. The total recoverable conservation costs including prior period over or under recoveries to be recovered during the January 2017 through December 2017 billing period are $109,080,615.

4. Based upon the required true-up and projected expenditures, DEF has calculated the required conservation cost recovery factors for the period January 2017 through December 2017 as follows:

2017 ECCR Billing Factors

Retail Rate Schedule	Secondary Voltage	Primary Voltage	Transmission Voltage
Residential (Cents/kWh)	.317	N/A	N/A
General-Service-Non-Demand (Cents/kWh)	.261	.258	.256
General Service 100% Load Factor (Cents/kWh)	.204	N/A	N/A
General Service Demand ($/kW)	.98	.97	.96
Curtailable ($/kW)	.80	.79	.78
Interruptible ($/kW)	.82	.81	.80
Standby Monthly ($/kW)	.096	.095	.094
Standby Daily ($/kW)	.046	.046	.045
Lighting (Cents/kWh)	.105	N/A	N/A

WHEREFORE, Duke Energy Florida, LLC, 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 2017 through December 2017 billing period.

RESPECTFULLY SUBMITTED this 19th day of August, 2016.

/s/ Matthew R. Bernier

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CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been electronically filed with the Clerk and the parties on this 19th day of August, 2016.

/s/ Matthew R. Bernier

Matthew R. Bernier

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DUKE ENERGY FLORIDA

DOCKET NO. 160002-EG

Energy Conservation Cost Recovery
2016 Actual / Estimated and 2017 Projected Costs

DIRECT TESTIMONY OF
Lori J. Cross

August 19, 2016

Q. State your name and business address.

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

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

A. I am employed by Duke Energy Business Services, LLC ("DEBS"), as Strategy Collaboration Director Regulatory Strategy in the Customer Programs Department. DEBS is a service-company affiliate of Duke Energy Florida, LLC ("Duke Energy Florida", "DEF", or the "Company").

Q. What are your current duties and responsibilities at Duke Energy?

A. My responsibilities include the regulatory planning, support and compliance of the Company's energy efficiency and demand-side management (DSM) programs. This includes support for development, implementation and training, budgeting, and accounting functions related to these programs.

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 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 projected Energy Conservation Cost Recovery ("ECCR") factors for customer billings for 2017.

Q. For what programs does Duke Energy Florida seek recovery?

A. Duke Energy Florida seeks recovery through the ECCR clause pursuant to Rule 25-17.015, F.A.C., for costs related to the following conservation programs approved by the Commission as part of the Company's DSM Plan on August 20, 2015 (see Order No. PSC-15-0332-PAA-EG), as well as for common administrative expenses not linked to a specific program:

- Home Energy Check
- Residential Incentive Program
- Neighborhood Energy Saver
- Low-Income Weatherization Assistance Program
- Energy Management (Residential and Commercial)
- Business Energy Check
- Better Business
- Florida Custom Incentive
- Standby Generation
- Interruptible Service

- Curtailable Service
- Technology Development
- Qualifying Facility

Q. Do you have any exhibits to your testimony?

A. Yes. Exhibit No._(LJC-1P) supports Duke Energy Florida's energy conservation calculations for the 2016 actual/estimated period and the 2017 projection period. There are six (6) schedules included in this exhibit.

Q. Will you please explain your exhibit?

A. Yes. Exhibit No._(LJC-1P) presents Schedules C-1 through C-6. Schedules C-1 to C-4 provide projected program costs for calendar year 2017 along with an updated projection of program costs for 2016. The 2016 updated projection of costs includes the actual costs incurred for the period from January 2016 through June 2016 and forecasted costs for July through December 2016. Schedule C-5 provides a brief summary report for each program that includes a program description, estimated annual program expenditures for 2017, and a summary of program accomplishments through the period ending June 2016. Schedule C-6 is the capital structure and cost rates used to calculate the return for each applicable conservation program.

Q. Would you please discuss Schedule C-1?

A. Schedule C-1 provides the calculation of the cost recovery factors for 2017 by rate class.

Q. What does Schedule C-2 show?

A. Schedule C-2 provides annual and monthly conservation program cost estimates for the 2017 projection period for each conservation program, as well as for common administration expenses. Additionally, Schedule C-2 presents program costs by specific category (e.g., payroll, materials, incentives, etc.) and includes a schedule of estimated capital investments, depreciation and return for the projection period.

Q. Would you please discuss Schedule C-3?

A. Schedule C-3 contains a detailed breakdown of conservation program costs by specific category and by month for the period of January through June 2016 (actual) and July through December 2016 (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 2016 actual/estimated period.

Q. What is the purpose of Schedule C-4?

A. Schedule C-4 provides the projected ECCR revenues for the 2017 projection period.

Q. Would you please discuss Schedule C-5?

A. 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. What is the purpose of Schedule C-6?

A: Schedule C-6 provides the capital structure and cost rates used to calculate the Return on Average Investment on Schedules C-2 and C-3.

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

A. Yes. Schedule C-2, Page 1 of 8, Line 24, shows total 2017 projected program costs of $112,925,731 partially offset by a prior period over-recovery of $3,879,575 resulting in estimated net revenue requirements in 2017 of $109,080,615. The following table includes DEF's proposed ECCR billing factors, by retail rate class and voltage level for calendar year 2017, as contained in Schedule C-1, Page 2 of 2.

2017 ECCR Billing Factors

Retail Rate Schedule	Secondary Voltage	Primary Voltage	Transmission Voltage
Residential (Cents/kWh)	.317	N/A	N/A
General-Service-Non-Demand (Cents/kWh)	.261	.258	.256
General Service 100% Load Factor (Cents/kWh)	.204	N/A	N/A
General Service Demand ($/kW)	.98	.97	.96
Curtailable ($/kW)	.80	.79	.78
Interruptible ($/kW)	.82	.81	.80
Standby Monthly ($/kW)	.096	.095	.094
Standby Daily ($/kW)	.046	.046	.045
Lighting (Cents/kWh)	.105	N/A	N/A

Q. Does this conclude your testimony?

A. Yes.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Energy & Demand Allocation % by Rate Class
January 2017 - December 2017

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) mWh Sales at Source Energy Allocator (%)	(9) 12 CP Demand Allocator (%)	(10) 12CP & 1/13 AD Demand Allocator (%)
Residential										
RS-1, RST-1, RSL-1, RSL-2, RSS-1										
Secondary	0.518	20,141,254	4,439.32	0.9467387	21,274,354	4,689.06	2,428.58	51.544%	61.523%	60.755%
General Service Non-Demand										
GS-1, GST-1										
Secondary	0.682	1,837,382	307.72	0.9467387	1,940,749	325.03	221.55	4.702%	4.265%	4.298%
Primary	0.682	15,404	2.58	0.9762055	15,779	2.64	1.80	0.038%	0.035%	0.035%
Transmission	0.682	3,081	0.52	0.9862055	3,124	0.52	0.36	0.008%	0.007%	0.007%
								4.748%	4.306%	4.340%
General Service										
GS-2 Secondary	1.000	170,272	19.44	0.9467387	179,851	20.53	20.53	0.436%	0.269%	0.282%
General Service Demand										
GSD-1, GSDT-1										
Secondary	0.749	12,108,998	1,846.29	0.9467387	12,790,222	1,950.16	1,460.07	30.988%	25.587%	26.003%
Primary	0.749	2,353,133	358.79	0.9762055	2,410,489	367.53	275.17	5.840%	4.822%	4.901%
Transmission	0.749	0	0.00	0.9862055	0	0.00	0.00	0.000%	0.000%	0.000%
SS-1 Primary	1.166	32,162	3.15	0.9762055	32,946	3.23	3.76	0.080%	0.042%	0.045%
Transm Del/ Transm Mtr	1.166	8,609	0.84	0.9862055	8,729	0.85	1.00	0.021%	0.011%	0.012%
Transm Del/ Primary Mtr	1.166	2,282	0.22	0.9762055	2,338	0.23	0.27	0.006%	0.003%	0.003%
								36.935%	30.466%	30.963%
Curtailable										
CS-1, CST-1, CS-2, CST-2										
Secondary	1.305	0	0.00	0.9467387	0	0.00	0.00	0.000%	0.000%	0.000%
Primary	1.305	81,904	7.16	0.9762055	83,900	7.34	9.58	0.203%	0.096%	0.105%
SS-3 Primary	0.583	50,697	9.93	0.9762055	51,933	10.17	5.93	0.126%	0.133%	0.133%
								0.329%	0.230%	0.237%
Interruptible										
IS-1, IST-1, IS-2, IST-2										
Secondary	1.009	87,039	9.84	0.9467387	91,936	10.40	10.49	0.223%	0.136%	0.143%
Sec Del/Primary Mtr	1.009	4,421	0.50	0.9762055	4,529	0.51	0.52	0.011%	0.007%	0.007%
Primary Del / Primary Mtr	1.009	1,321,165	149.41	0.9762055	1,353,368	153.05	154.49	3.279%	2.008%	2.106%
Primary Del / Transm Mtr	1.009	425	0.05	0.9862055	431	0.05	0.05	0.001%	0.001%	0.001%
Transm Del/ Transm Mtr	1.009	268,068	30.32	0.9862055	271,818	30.74	31.03	0.659%	0.403%	0.423%
Transm Del/ Primary Mtr	1.009	249,648	28.23	0.9762055	255,733	28.92	29.19	0.620%	0.379%	0.398%
SS-2 Primary	0.870	9,777	1.28	0.9762055	10,015	1.31	1.14	0.024%	0.017%	0.018%
Transm Del/ Transm Mtr	0.870	8,497	1.12	0.9862055	8,616	1.13	0.98	0.021%	0.015%	0.015%
Transm Del/ Primary Mtr	0.870	72,672	9.54	0.9762055	74,443	9.77	8.50	0.180%	0.128%	0.132%
								5.017%	3.095%	3.243%
Lighting										
LS-1 (Secondary)	5.506	387,147	8.03	0.9467387	408,927	8.48	46.68	0.991%	0.111%	0.179%
		39,214,037	7,234.27		41,274,230	7,621.67	4,711.67	100.000%	100.000%	100.000%

Notes:

(1) Average 12CP load factor based on load research study filed July 31, 2015 (Rule 25-6-0437 (7))
(2) Projected kWh sales for the period January 2017 to December 2017
(3) Calculated: Column 2 / (8,760 hours x Column 1)
(4) Based on system average line loss analysis for 2015
(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, LLC
Energy Conservation Cost Recovery
Calculation of Energy Conservation Cost Recovery Rate Factors by Rate Class
January 2017 - December 2017

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	51.544%	60.755%	$ 13,332,645	$ 50,556,801	$ 63,889,446	20,141,254				0.317
General Service Non-Demand										
GS-1, GST-1										
Secondary						1,837,382				0.261
Primary						15,250				0.258
Transmission						3,019				0.256
TOTAL GS	4.748%	4.340%	$ 1,228,115	$ 3,611,581	$ 4,839,696	1,855,651				
General Service										
GS-2 Secondary	0.436%	0.282%	$ 112,713	$ 234,808	$ 347,521	170,272				0.204
General Service Demand										
GSD-1, GSDT-1, SS-1*										
Secondary						12,108,998			0.98	
Primary						2,363,701			0.97	
Transmission						8,437			0.96	
TOTAL GSD	36.935%	30.963%	$ 9,553,874	$ 25,765,970	$ 35,319,844	14,481,136	54.90%	36,133,284		
Curtailable										
CS-1, CST-1, CS-2, CST-2, CS-3, CST-3, SS-3*										
Secondary						-			0.80	
Primary						131,275			0.79	
Transmission						-			0.78	
TOTAL CS	0.329%	0.237%	$ 85,127	$ 197,557	$ 282,683	131,275	51.00%	352,605		
Interruptible										
IS-1, IST-1, IS-2, IST-2, SS-2*										
Secondary						87,039			0.82	
Primary						1,641,106			0.81	
Transmission						271,450			0.80	
TOTAL IS	5.017%	3.243%	$ 1,297,826	$ 2,698,459	$ 3,996,286	1,999,595	55.90%	4,900,128		
Lighting										
LS-1 Secondary	0.991%	0.179%	$ 256,275	$ 148,865	$ 405,139	387,147				0.105
	100.000%	100.000%	$ 25,866,574	$ 83,214,041	$ 109,080,615	39,166,331				0.279

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 22
(4) Column 2 x Total Demand Dollars, C-2 Page 1, line 23
(5) Column 3 + Column 4
(6) kWh sales at effective secondary voltage
(7) Class Billing kW Load Factor
(8) Column 6 x 1000 / 8,760 / Column 7 x 12
(9) Column 5 / Column 8 (x voltage factor if applicable)
(10) Column 5 / Column 6 / 10

Calculation of Standby Service kW Charges			
	ECCR Cost	Effective kW	$/kW
Total GSD, CS, IS	$39,598,813	41,386,017	0.96
SS-1, 2, 3 - $/kW-mo	Secondary	Primary	Transmission
Monthly - $0.96/kW * 10%	0.096	0.095	0.094
Daily - $0.96/kW / 21	0.046	0.046	0.045

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2017 - December 2017

Line No.	Program Demand (D) or Energy (E)	12 Month Total
1	Better Business (E)	$2,516,198
2	Residential Incentive Program (E)	6,652,596
3	Home Energy Check (E)	5,607,285
4	Low Income (E)	599,967
5	Neighborhood Energy Saver (E)	3,850,319
6	Business Energy Check (E)	1,030,787
7	Conservation Program Admin (E)	3,871,830
8	Conservation Program Admin (D)	430,203
9	Qualifying Facility (E)	1,133,900
10	Florida Custom Incentive (Innovation Incentive) (E)	728,933
11	Technology Development (E)	800,000
12	Standby Generation (D)	4,499,171
13	Interruptible Service (D)	31,527,819
14	Curtailable Service (D)	1,937,988
15	Energy Management (Residential & Commercial) (D)	47,738,734
16	Total ECCR Program Costs	$112,925,731
17		
18		

19			2016			Total
20		12 Months	End of Period Net True-Up		Revenue Expansion	Recoverable
21	Demand & Energy Summary	Total	(Over)/Under Recovery	Total Costs	Factor	Costs
22	Energy	$26,791,815	($933,413)	$25,858,402	1.000316	$25,866,574
23	Demand	86,133,916	(2,946,162)	83,187,754	1.000316	83,214,041
24	Total Demand & Energy Costs	$112,925,731	($3,879,575)	$109,046,156		$109,080,615

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2017 - December 2017

Line No.	Program Demand (D) or Energy (E)	Est Jan-17	Est Feb-17	Est Mar-17	Est Apr-17	Est May-17	Est Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	Better Business (E)	$207,698	$207,698	$209,827	$211,030	$209,837	$209,845	$209,833	$209,837	$211,050	$209,847	$209,847	$209,845	$2,516,198
2	Residential Incentive Program (E)	548,472	538,632	565,982	554,151	547,082	567,747	545,787	542,147	569,688	555,170	541,747	575,989	6,652,596
3	Home Energy Check (E)	432,632	429,822	440,952	525,865	440,932	454,055	538,697	453,350	472,371	460,412	449,027	509,170	5,607,285
4	Low Income Weatherization Assistance Program (E)	53,776	47,276	54,113	48,506	50,113	52,113	47,113	52,113	52,506	47,113	48,113	47,113	599,967
5	Neighborhood Energy Saver (E)	244,044	273,921	347,906	344,493	341,946	342,996	396,185	372,669	337,206	341,272	270,365	237,315	3,850,319
6	Business Energy Check (E)	77,761	97,752	81,057	86,107	86,040	86,030	86,019	86,011	86,061	85,992	85,983	85,973	1,030,787
7	Conservation Program Admin (E)	320,859	320,859	323,679	324,041	322,336	322,336	322,336	322,336	325,711	322,446	322,446	322,446	3,871,830
8	Conservation Program Admin (D)	35,651	35,651	35,964	36,005	35,815	35,815	35,815	35,815	36,190	35,827	35,827	35,827	430,203
9	Qualifying Facility (E)	93,550	94,250	94,100	94,600	94,750	94,600	94,100	94,250	94,600	94,600	95,100	95,400	1,133,900
10	Florida Custom Incentive Program (E)	59,287	59,287	59,369	59,369	76,036	59,369	59,369	59,369	59,369	59,369	59,369	59,369	728,933
11	Technology Development (E)	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	66,667	800,000
12	Standby Generation (D)	374,007	373,524	373,965	374,176	374,506	375,914	374,922	375,127	375,451	375,656	375,859	376,060	4,499,171
13	Interruptible Service (D)	2,624,553	2,625,092	2,625,812	2,626,345	2,626,943	2,627,468	2,627,989	2,628,509	2,628,823	2,628,792	2,628,762	2,628,731	31,527,819
14	Curtailable Service (D)	161,499	161,499	161,499	161,499	161,499	161,499	161,499	161,499	161,499	161,499	161,499	161,499	1,937,988
15	Energy Management (Residential & Commercial) (D)	3,909,480	3,910,213	3,949,130	3,944,883	3,978,866	3,966,890	3,986,764	3,996,841	4,028,090	4,027,701	4,011,193	4,028,681	47,738,734
16	Total ECCR Program Costs	$9,209,938	$9,242,145	$9,390,023	$9,457,738	$9,413,368	$9,423,344	$9,553,096	$9,456,541	$9,505,283	$9,472,364	$9,361,805	$9,440,086	$112,925,731
17														
18														
19	Demand & Energy Summary													
20	Energy	$2,104,748	$2,136,166	$2,243,652	$2,314,830	$2,235,739	$2,255,757	$2,366,106	$2,258,749	$2,275,230	$2,242,888	$2,148,664	$2,209,287	$26,791,815
21	Demand	7,105,190	7,105,979	7,146,371	7,142,908	7,177,630	7,167,587	7,186,990	7,197,792	7,230,054	7,229,476	7,213,141	7,230,799	86,133,916
22	Total Demand & Energy Costs	$9,209,938	$9,242,145	$9,390,023	$9,457,738	$9,413,368	$9,423,344	$9,553,096	$9,456,541	$9,505,283	$9,472,364	$9,361,805	$9,440,086	$112,925,731

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Estimated Conservation Program Costs
January 2017 - December 2017

Line No.	Program 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 (E)	$0	$1,411,063	$31,800	$58,500	$132,841	$788,066	$40,020	$53,909	$0	$2,516,198
2	Residential Incentive Program (E)	0	1,697,326	29,500	147,084	890,577	3,721,443	38,526	128,140	0	6,652,596
3	Home Energy Check (E)	16,782	2,734,789	236,825	317,856	1,541,400	601,721	100,828	57,084	0	5,607,285
4	Low Income Weatherization Assistance Program (E)	0	157,492	0	0	32,500	395,325	0	14,650	0	599,967
5	Neighborhood Energy Saver (E)	0	330,522	0	265,000	146,876	3,090,186	0	17,735	0	3,850,319
6	Business Energy Check (E)	14,962	565,941	22,800	177,000	75,389	95,099	39,576	40,020	0	1,030,787
7	Conservation Program Admin (E)	0	2,706,485	135,000	815,032	0	0	36,000	179,313	0	3,871,830
8	Conservation Program Admin (D)	0	300,721	15,000	90,559	0	0	4,000	19,924	0	430,203
9	Qualifying Facility (E)	0	1,082,400	1,400	4,200	0	0	5,900	40,000	0	1,133,900
10	Florida Custom Incentive Program (E)	0	138,899	5,000	165,116	39,600	368,333	0	11,985	0	728,933
11	Technology Development (E)	0	300,000	200,000	275,000	0	0	5,000	20,000	0	800,000
12	Standby Generation (D)	37,785	239,490	0	2,400	0	4,204,764	7,632	7,100	0	4,499,171
13	Interruptible Service (D)	47,879	86,284	0	7,704	0	31,381,560	0	4,392	0	31,527,819
14	Curtailable Service (D)	0	0	0	0	0	1,937,988	0	0	0	1,937,988
15	Energy Management (Residential & Commercial) (D)	15,854,126	2,075,417	0	3,113,337	769,440	25,827,202	39,552	59,660	0	47,738,734
16	Total ECCR Program Costs	$15,971,534	$13,826,828	$677,325	$5,438,789	$3,628,623	$72,411,687	$317,034	$653,911	$0	$112,925,731
17											
18											
19	Demand & Energy Summary										
20	Energy	$31,744	$11,124,916	$662,325	$2,224,788	$2,859,183	$9,060,173	$265,850	$562,836	$0	$26,791,815
21	Demand	15,939,790	2,701,912	15,000	3,214,000	769,440	63,351,514	51,184	91,076	0	86,133,916
22	Total Demand & Energy Costs	$15,971,534	$13,826,828	$677,325	$5,438,789	$3,628,623	$72,411,687	$317,034	$653,911	$0	$112,925,731

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2017 - December 2017

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Est Jan-17	Est Feb-17	Est Mar-17	Est Apr-17	Est May-17	Est Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	Better Business (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		0	0	0	0	0	0	0	0	0	0	0	0	
5															
6	Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
7															
8	Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
12	Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
13															
14	Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
15															
16	Program Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
17															
18	Residential Incentive Program (E)														
19	Investments		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
22															
23	Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
24															
25	Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
29	Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
30															
31	Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
32															
33	Program Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
34															
35	Home Energy Check (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		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
39															
40	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
41															
42	Cumulative Investment	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
43	Less: Accumulated Depreciation	25,546	26,528	27,510	28,492	29,474	30,456	31,438	32,420	33,402	34,384	35,366	36,348	37,330	37,330
44	Net Investment	56,916	55,934	54,952	53,970	52,988	52,006	51,024	50,042	49,060	48,078	47,096	46,114	45,132	45,132
45	Average Investment		56,425	55,443	54,461	53,479	52,497	51,515	50,533	49,551	48,569	47,587	46,605	45,623	
46	Return on Average Investment		317	311	306	300	295	289	284	278	273	267	262	256	3,438
47															
48	Return Requirements		461	452	445	436	429	420	413	404	397	388	381	372	4,998
49															
50	Program Total		$1,443	$1,434	$1,427	$1,418	$1,411	$1,402	$1,395	$1,386	$1,379	$1,370	$1,363	$1,354	$16,782

Notes:
- Return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2017 - December 2017

Line No.	Program	Beginning Balance	Est Jan-17	Est Feb-17	Est Mar-17	Est Apr-17	Est May-17	Est Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	Business Energy Check (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		69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	
5															
6	Depreciation Expense		1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	13,884
7															
8	Cumulative Investment	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415
9	Less: Accumulated Depreciation	51,464	52,621	53,778	54,935	56,092	57,249	58,406	59,563	60,720	61,877	63,034	64,191	65,348	65,348
10	Net Investment	17,951	16,794	15,637	14,480	13,323	12,166	11,009	9,852	8,695	7,538	6,381	5,224	4,067	4,067
11	Average Investment		17,372	16,215	15,058	13,901	12,744	11,587	10,430	9,273	8,116	6,959	5,802	4,645	
12	Return on Average Investment		97	91	84	78	72	65	58	52	46	39	33	26	741
13															
14	Return Requirements		141	132	122	113	105	95	84	76	67	57	48	38	1,078
15															
16	Program Total		$1,298	$1,289	$1,279	$1,270	$1,262	$1,252	$1,241	$1,233	$1,224	$1,214	$1,205	$1,195	$14,962
17															
18	Conservation Program Admin (E)														
19	Investments		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
22															
23	Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
24															
25	Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
29	Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
30															
31	Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
32															
33	Program Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
34															
35	Technology Development (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		0	0	0	0	0	0	0	0	0	0	0	0	0
41															
42	Cumulative Investment	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: Accumulated Depreciation	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
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 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2017 - December 2017

Line No.	Program	Beginning Balance	Est Jan-17	Est Feb-17	Est Mar-17	Est Apr-17	Est May-17	Est Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	Standby Generation (D)														
2	Investments		$9,167	$9,167	$9,167	$9,167	$9,168	$9,168	$9,168	$9,168	$9,168	$9,168	$9,168	$9,168	$110,012
3	Retirements		83,251	0	0	0	0	0	0	0	0	0	0	0	83,251
4	Depreciation Base		137,583	105,125	114,292	123,459	132,627	141,795	150,963	160,131	169,299	178,467	187,635	196,803	
5															
6	Depreciation Expense		2,293	1,752	1,905	2,058	2,210	2,363	2,516	2,669	2,822	2,975	3,127	3,280	29,970
7															
8	Cumulative Investment	174,625	100,542	109,709	118,876	128,043	137,211	146,379	155,547	164,715	173,883	183,051	192,219	201,387	201,387
9	Less: Accumulated Depreciation	136,369	55,411	57,163	59,068	61,126	63,336	65,699	68,215	70,884	73,706	76,681	79,808	83,088	83,088
10	Net Investment	38,256	45,130	52,545	59,807	66,916	73,874	80,679	87,331	93,830	100,176	106,369	112,410	118,298	118,298
11	Average Investment		41,693	48,838	56,176	63,362	70,395	77,277	84,005	90,581	97,003	103,273	109,390	115,354	
12	Return on Average Investment		234	274	316	356	396	434	472	508	544	580	615	648	5,377
13															
14	Return Requirements		340	398	459	517	576	631	686	738	791	843	894	942	7,815
15															
16	Program Total		$2,633	$2,150	$2,364	$2,575	$2,786	$2,994	$3,202	$3,407	$3,613	$3,818	$4,021	$4,222	$37,785
17															
18	Interruptible Service (D)														
19	Investments		$22,000	$22,000	$22,000	$22,000	$22,000	$22,000	$22,000	$22,000	$0	$0	$0	$0	$176,000
20	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Depreciation Base		62,869	84,869	106,869	128,869	150,869	172,869	194,869	216,869	227,869	227,869	227,869	227,869	
22															
23	Depreciation Expense		1,048	1,415	1,781	2,148	2,515	2,881	3,248	3,615	3,798	3,798	3,798	3,798	33,843
24															
25	Cumulative Investment	51,869	73,869	95,869	117,869	139,869	161,869	183,869	205,869	227,869	227,869	227,869	227,869	227,869	227,869
26	Less: Accumulated Depreciation	12,215	13,263	14,678	16,459	18,607	21,122	24,003	27,251	30,866	34,664	38,462	42,260	46,058	46,058
27	Net Investment	39,654	60,606	81,191	101,410	121,262	140,747	159,866	178,618	197,003	193,205	189,407	185,609	181,811	181,811
28	Average Investment		50,130	70,899	91,301	111,336	131,005	150,307	169,242	187,811	195,104	191,306	187,508	183,710	
29	Return on Average Investment		281	399	512	626	735	844	950	1,055	1,095	1,074	1,053	1,032	9,656
30															
31	Return Requirements		408	580	744	910	1,068	1,227	1,381	1,534	1,592	1,561	1,531	1,500	14,036
32															
33	Program Total		$1,456	$1,995	$2,525	$3,058	$3,583	$4,108	$4,629	$5,149	$5,390	$5,359	$5,329	$5,298	$47,879
34															
35	Residential Energy Management - Summary (Itemized Below)														
36	Expenditures Booked Directly to Plant		$694,917	$692,517	$692,517	$694,917	$692,517	$698,217	$694,917	$692,517	$692,517	$694,917	$692,517	$692,517	$8,325,504
37	Retirements		237,139	264,390	118,377	77,362	459,915	99,829	142,432	184,852	158,559	54,647	60,926	41,343	1,899,771
38	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
39	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
40	Depreciation Base		71,513,064	71,956,017	72,457,150	73,052,997	73,478,076	73,893,571	74,469,008	74,999,083	75,519,894	76,107,008	76,742,939	77,384,322	
41															
42	Depreciation Expense		874,588	881,970	890,323	900,254	907,339	914,264	923,855	932,689	941,370	951,155	961,754	972,444	11,052,005
43															
44	Cumulative Plant Investment	71,284,175	71,741,954	72,170,081	72,744,220	73,361,775	73,594,377	74,192,765	74,745,250	75,252,916	75,786,873	76,427,143	77,058,735	77,709,909	77,709,909
45	Less: Accumulated Depreciation	21,003,152	21,640,601	22,258,181	23,030,127	23,853,019	24,300,443	25,114,878	25,896,301	26,644,138	27,426,949	28,323,457	29,224,286	30,155,386	30,155,386
46	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47	Net Plant Investment	50,281,023	50,101,352	49,911,899	49,714,093	49,508,756	49,293,934	49,077,887	48,848,949	48,608,777	48,359,924	48,103,686	47,834,449	47,554,522	47,554,522
48	Average Investment		50,191,188	50,006,626	49,812,996	49,611,425	49,401,345	49,185,911	48,963,418	48,728,863	48,484,351	48,231,805	47,969,068	47,694,486	
49	Return on Average Investment		281,864	280,827	279,739	278,607	277,427	276,217	274,968	273,651	272,279	270,860	269,384	267,843	3,303,666
50															
51	Return Requirements		409,710	408,203	406,621	404,975	403,261	401,502	399,686	397,771	395,777	393,715	391,570	389,330	4,802,121
52															
53	Program Total		$1,284,298	$1,290,173	$1,296,944	$1,305,229	$1,310,600	$1,315,766	$1,323,541	$1,330,460	$1,337,147	$1,344,870	$1,353,324	$1,361,774	$15,854,126

Notes:
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Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2017 - December 2017

Line No.	Program	Beginning Balance	Est Jan-17	Est Feb-17	Est Mar-17	Est Apr-17	Est May-17	Est Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	Total
1	Residential Energy Management - NGDR Hardware for ODS, LMS, APPDEV. Also includes NGDR TELECOM. (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	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		10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	
7															
8	Depreciation Expense		122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,472,268
9															
10	Cumulative Plant Investment	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391
11	Less: Accumulated Depreciation	4,464,245	4,586,934	4,709,623	4,832,312	4,955,001	5,077,690	5,200,379	5,323,068	5,445,757	5,568,446	5,691,135	5,813,824	5,936,513	5,936,513
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	6,123,146	6,000,457	5,877,768	5,755,079	5,632,390	5,509,701	5,387,012	5,264,323	5,141,634	5,018,945	4,896,256	4,773,567	4,650,878	4,650,878
14	Average Investment		6,061,802	5,939,113	5,816,424	5,693,735	5,571,046	5,448,357	5,325,668	5,202,979	5,080,290	4,957,601	4,834,912	4,712,223	
15	Return on Average Investment		34,042	33,353	32,663	31,975	31,286	30,597	29,908	29,219	28,530	27,841	27,151	26,463	363,028
16															
17	Return Requirements		49,483	48,481	47,478	46,478	45,476	44,475	43,473	42,472	41,471	40,469	39,466	38,466	527,688
18															
19	Program Total		$172,172	$171,170	$170,167	$169,167	$168,165	$167,164	$166,162	$165,161	$164,160	$163,158	$162,155	$161,155	$1,999,956
20															
21	Residential Energy Management - NGDR Software for ODS, LMS, APPDEV (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		17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	
27															
28	Depreciation Expense		298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	3,579,876
29															
30	Cumulative Plant Investment	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035
31	Less: Accumulated Depreciation	6,259,719	6,558,042	6,856,365	7,154,688	7,453,011	7,751,334	8,049,657	8,347,980	8,646,303	8,944,626	9,242,949	9,541,272	9,839,595	9,839,595
32	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Net Plant Investment	11,639,316	11,340,993	11,042,670	10,744,347	10,446,024	10,147,701	9,849,378	9,551,055	9,252,732	8,954,409	8,656,086	8,357,763	8,059,440	8,059,440
34	Average Investment		11,490,155	11,191,832	10,893,509	10,595,186	10,296,863	9,998,540	9,700,217	9,401,894	9,103,571	8,805,248	8,506,925	8,208,602	
35	Return on Average Investment		64,526	62,851	61,176	59,500	57,825	56,150	54,474	52,799	51,124	49,448	47,773	46,098	663,744
36															
37	Return Requirements		93,793	91,359	88,924	86,488	84,053	81,618	79,182	76,747	74,312	71,876	69,442	67,007	964,801
38															
39	Program Total		$392,116	$389,682	$387,247	$384,811	$382,376	$379,941	$377,505	$375,070	$372,635	$370,199	$367,765	$365,330	$4,544,677
40															
41	Residential Energy Management - SmartGrid AMI Meters (D)														
42	Expenditures Booked Directly to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
43	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
44	Investments Booked to CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
45	Closings to Plant		0	0	0	0	0	0	0	0	0	0	0	0	0
46	Depreciation Base		22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	
47															
48	Depreciation Expense		112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	1,345,704
49															
50	Cumulative Plant Investment	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012
51	Less: Accumulated Depreciation	5,206,511	5,318,653	5,430,795	5,542,937	5,655,079	5,767,221	5,879,363	5,991,505	6,103,647	6,215,789	6,327,931	6,440,073	6,552,215	6,552,215
52	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
53	Net Plant Investment	17,334,501	17,222,359	17,110,217	16,998,075	16,885,933	16,773,791	16,661,649	16,549,507	16,437,365	16,325,223	16,213,081	16,100,939	15,988,797	15,988,797
54	Average Investment		17,278,430	17,166,288	17,054,146	16,942,004	16,829,862	16,717,720	16,605,578	16,493,436	16,381,294	16,269,152	16,157,010	16,044,868	
55	Return on Average Investment		97,032	96,402	95,773	95,143	94,513	93,883	93,253	92,623	91,995	91,365	90,735	90,105	1,122,822
56															
57	Return Requirements		141,043	140,127	139,213	138,297	137,382	136,466	135,550	134,634	133,721	132,806	131,890	130,974	1,632,103
58															
59	Program Total		$253,185	$252,269	$251,355	$250,439	$249,524	$248,608	$247,692	$246,776	$245,863	$244,948	$244,032	$243,116	$2,977,807

Notes:
- Return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January 2017 - December 2017

Line No.	Program	Beginning Balance	Est Jan-17	Est Feb-17	Est Mar-17	Est Apr-17	Est May-17	Est Jun-17	Est Jul-17	Est Aug-17	Est Sep-17	Est Oct-17	Est Nov-17	Est Dec-17	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		41,327	21,974	0	0	0	0	0	0	0	0	0	0	63,301
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		55,299	23,649	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662	
7															
8	Depreciation Expense		922	394	211	211	211	211	211	211	211	211	211	211	3,426
9															
10	Cumulative Plant Investment	75,963	34,636	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662	12,662
11	Less: Accumulated Depreciation	65,930	25,525	3,945	4,156	4,367	4,578	4,789	5,000	5,211	5,422	5,633	5,844	6,055	6,055
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	10,032	9,110	8,716	8,505	8,294	8,083	7,872	7,661	7,450	7,239	7,028	6,817	6,606	6,606
14	Average Investment		9,571	8,913	8,611	8,400	8,189	7,978	7,767	7,556	7,345	7,134	6,923	6,712	
15	Return on Average Investment		54	50	48	47	46	44	44	43	41	40	39	37	533
16															
17	Return Requirements		78	73	70	68	67	64	64	62	60	58	57	54	775
18															
19	Program Total		$1,000	$467	$281	$279	$278	$275	$275	$273	$271	$269	$268	$265	$4,201
20															
21	Residential Energy Management - Load Management Switches (9080120) (D)														
22	Expenditures Booked Directly to Plant		$694,917	$692,517	$692,517	$694,917	$692,517	$698,217	$694,917	$692,517	$692,517	$694,917	$692,517	$692,517	$8,325,504
23	Retirements		195,812	242,416	118,377	77,362	459,915	99,829	142,432	184,852	158,559	54,647	60,926	41,343	1,836,470
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		20,430,327	20,904,930	21,417,050	22,012,897	22,437,976	22,853,471	23,428,908	23,958,983	24,479,794	25,066,908	25,702,839	26,344,222	
27															
28	Amortization Expense		340,512	348,422	356,958	366,889	373,974	380,899	390,490	399,324	408,005	417,790	428,389	439,079	4,650,731
29															
30	Cumulative Plant Investment	20,180,774	20,679,880	21,129,980	21,704,120	22,321,675	22,554,277	23,152,665	23,705,150	24,212,815	24,746,773	25,387,043	26,018,635	26,669,809	26,669,809
31	Less: Accumulated Depreciation	5,006,747	5,151,447	5,257,453	5,496,034	5,785,560	5,699,619	5,980,689	6,228,748	6,443,220	6,692,666	7,055,809	7,423,272	7,821,008	7,821,008
32	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Net Plant Investment	15,174,027	15,528,432	15,872,527	16,208,086	16,536,114	16,854,657	17,171,975	17,476,402	17,769,595	18,054,107	18,331,234	18,595,362	18,848,800	18,848,800
34	Average Investment		15,351,230	15,700,480	16,040,307	16,372,100	16,695,386	17,013,316	17,324,189	17,622,999	17,911,851	18,192,671	18,463,298	18,722,081	
35	Return on Average Investment		86,210	88,171	90,079	91,942	93,757	95,543	97,289	98,967	100,589	102,166	103,686	105,140	1,153,539
36															
37	Return Requirements		125,313	128,163	130,936	133,644	136,283	138,879	141,417	143,856	146,213	148,506	150,715	152,829	1,676,754
38															
39	Program Total		$465,825	$476,585	$487,894	$500,533	$510,257	$519,778	$531,907	$543,180	$554,218	$566,296	$579,104	$591,908	$6,327,485
40															
41															
42	Demand & Energy Summary														
43	Energy		$2,741	$2,723	$2,706	$2,688	$2,673	$2,654	$2,636	$2,619	$2,603	$2,584	$2,568	$2,549	$31,744
44	Demand		1,288,387	1,294,318	1,301,833	1,310,862	1,316,969	1,322,868	1,331,372	1,339,016	1,346,150	1,354,047	1,362,674	1,371,294	15,939,790
45	Total Depreciation & Return		$1,291,128	$1,297,041	$1,304,539	$1,313,550	$1,319,642	$1,325,522	$1,334,008	$1,341,635	$1,348,753	$1,356,631	$1,365,242	$1,373,843	$15,971,534

Notes:
- Return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Depreciation Amortization & Return	Operating & Maintenance Costs: Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other	Program Revenues (Credits)	Total
1	Better Business (E)										
2	A. Actual	$307	$525,357	$5,610	$25,948	$1,478	$8,655	$753,775	($19,030)	$0	$1,302,101
3	B. Estimated	0	757,424	12,000	3,000	1,500	40,204	625,370	12,000	0	1,451,498
4											
5	C. Total	$307	$1,282,781	$17,610	$28,948	$2,978	$48,859	$1,379,145	($7,030)	$0	$2,753,599
6											
7	Residential Incentive Program (E)										
8	A. Actual	$0	$834,148	$21,752	$87,887	$2,987	$681,688	$3,007,714	$10,851	$0	$4,647,028
9	B. Estimated	0	831,457	21,000	72,000	7,500	512,972	2,018,265	27,000	0	3,490,194
10											
11	C. Total	$0	$1,665,606	$42,752	$159,887	$10,487	$1,194,660	$5,025,979	$37,851	$0	$8,137,222
12											
13	Home Energy Check (E)										
14	A. Actual	$9,300	$1,462,883	$47,494	$154,718	$38,277	$736,956	$113,145	$20,160	$0	$2,582,933
15	B. Estimated	8,826	1,501,710	54,000	90,000	60,000	355,923	492,927	22,000	0	2,585,386
16											
17	C. Total	$18,126	$2,964,593	$101,494	$244,718	$98,277	$1,092,879	$606,073	$42,160	$0	$5,168,319
18											
19	Low Income Weatherization Assistance Program (E)										
20	A. Actual	$0	$56,277	$0	$200	$9	$18,110	$78,058	$16,203	$0	$168,857
21	B. Estimated	0	62,070	0	0	0	16,250	62,000	0	0	140,320
22											
23	C. Total	$0	$118,347	$0	$200	$9	$34,360	$140,058	$16,203	$0	$309,177
24											
25	Solar Water Heating with EM										
26	A. Actual	$0	$1,121	$0	$0	$0	$0	($2,582)	$0	$0	($1,461)
27	B. Estimated	0	0	0	0	0	0	0	0	0	0
28											
29	C. Total	$0	$1,121	$0	$0	$0	$0	($2,582)	$0	$0	($1,461)
30											
31	Renewable Energy Saver										
32	A. Actual	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
33	B. Estimated	0	0	0	0	0	0	0	0	0	0
34											
35	C. Total	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
36											
37	Neighborhood Energy Saver (E)										
38	A. Actual	$0	$152,676	$816	$233,727	$869	$94,946	$561,805	$14,515	$0	$1,059,354
39	B. Estimated	0	150,000	788	137,225	0	12,000	1,308,897	9,507	0	1,618,418
40											
41	C. Total	$0	$302,676	$1,604	$370,952	$869	$106,946	$1,870,702	$24,023	$0	$2,677,772
42											
43	Business Energy Check (E)										
44	A. Actual	$8,412	$211,075	$8,004	$0	$1,128	$1,369	$0	$9,695	$0	$239,682
45	B. Estimated	7,992	348,000	7,800	75,000	3,000	21,000	70,000	15,000	0	547,792
46											
47	C. Total	$16,404	$559,075	$15,804	$75,000	$4,128	$22,369	$70,000	$24,695	$0	$787,474
48											
49	Conservation Program Admin (E)										
50	A. Actual	$0	$1,460,821	$8,068	$506,203	$139,404	$0	$0	$201,710	$0	$2,316,205
51	B. Estimated	0	1,430,723	12,000	212,450	0	0	0	150,000	0	1,805,173
52											
53	C. Total	$0	$2,891,544	$20,068	$718,653	$139,404	$0	$0	$351,710	$0	$4,121,379

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Depreciation Amortization & Return	Operating & Maintenance Costs: Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other	Program Revenues (Credits)	Total
1	Qualifying Facility										
2	A. Actual	$0	$515,267	$2,794	$2,342	$6,376	$0	$0	$23,146	$0	$549,925
3	B. Estimated	0	525,000	3,300	1,980	700	0	0	19,000	0	549,980
4											
5	C. Total	$0	$1,040,267	$6,094	$4,322	$7,076	$0	$0	$42,146	$0	$1,099,905
6											
7	Florida Custom Incentive Program (E)										
8	A. Actual	$0	$24,601	$515	$894	$855	$0	$8,310	($1,562)	$0	$33,613
9	B. Estimated	0	46,000	0	43,261	0	45,360	90,000	2,578	0	227,199
10											
11	C. Total	$0	$70,601	$515	$44,155	$855	$45,360	$98,310	$1,017	$0	$260,812
12											
13	Technology Development (E)										
14	A. Actual	$0	$95,146	$1,690	$17,426	($19,023)	$0	$0	$2,841	$0	$98,080
15	B. Estimated	0	230,528	2,500	208,552	114,137	0	0	39,871	0	595,588
16											
17	C. Total	$0	$325,674	$4,190	$225,978	$95,114	$0	$0	$42,712	$0	$693,668
18											
19	Standby Generation (D)										
20	A. Actual	$26,682	$110,012	$2,421	$605	$4,057	$0	$3,124,497	$3,322	$0	$3,271,596
21	B. Estimated	20,033	90,000	1,800	300	4,062	0	3,172,146	4,095	0	3,292,436
22											
23	C. Total	$46,715	$200,012	$4,221	$905	$8,119	$0	$6,296,643	$7,417	$0	$6,564,032
24											
25	Interruptible Service (D)										
26	A. Actual	$7,729	$52,630	$2,150	$479	$24,292	$0	$15,175,655	$1,388	$0	$15,264,323
27	B. Estimated	7,261	60,000	1,800	450	6,000	0	16,018,670	2,429	0	16,096,610
28											
29	C. Total	$14,990	$112,630	$3,950	$929	$30,292	$0	$31,194,325	$3,818	$0	$31,360,933
30											
31	Curtailable Service (D)										
32	A. Actual	$0	$0	$0	$0	$0	$0	$786,124	$0	$0	$786,124
33	B. Estimated	0	0	0	0	0	0	792,000	0	0	792,000
34											
35	C. Total	$0	$0	$0	$0	$0	$0	$1,578,124	$0	$0	$1,578,124
36											
37	Energy Management (Residential & Commercial) (D)										
38	A. Actual	$7,443,705	$905,182	$17,409	$1,211,378	($113,490)	$638,112	$11,403,754	$19,505	$0	$21,525,555
39	B. Estimated	7,559,577	978,000	18,996	1,622,000	144,325	558,000	12,537,327	30,327	0	23,448,551
40											
41	C. Total	$15,003,282	$1,883,182	$36,405	$2,833,378	$30,835	$1,196,112	$23,941,081	$49,832	$0	$44,974,106
42											
43	Residential Solar Photovoltaic (E)										
44	A. Actual	$0	$1,681	$0	$10	$0	$0	($34,815)	$0	$0	($33,123)
45	B. Estimated	0	0	0	0	0	0	0	0	0	0
46											
47	C. Total	$0	$1,681	$0	$10	$0	$0	($34,815)	$0	$0	($33,123)
48											
49	Solar Water Heat Low Income (E)										
50	A. Actual	$0	$414	$0	$0	$0	$0	$0	$0	$0	$414
51	B. Estimated	0	0	0	0	0	0	0	0	0	0
52											
53	C. Total	$0	$414	$0	$0	$0	$0	$0	$0	$0	$414

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Program Costs
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Depreciation Amortization & Return	Operating & Maintenance Costs: Payroll & Benefits	Vehicles	Outside Services	Materials & Supplies	Advertising	Incentives	Other	Program Revenues (Credits)	Total
1	Commercial Solar Photovoltaic (E)										
2	A. Actual	$0	$589	$0	$31	$0	$0	$0	$0	$0	$620
3	B. Estimated	0	0	0	0	0	0	0	0	0	0
4											
5	C. Total	$0	$589	$0	$31	$0	$0	$0	$0	$0	$620
6											
7	Photovoltaic for Schools (E)										
8	A. Actual	$0	$0	$0	$0	$0	$0	($70,353)	$0	$0	($70,353)
9	B. Estimated	0	0	0	0	0	0	0	0	0	0
10											
11	C. Total	$0	$0	$0	$0	$0	$0	($70,353)	$0	$0	($70,353)
12											
13	Research & Demonstration (E)										
14	A. Actual	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
15	B. Estimated	0	0	0	0	0	0	0	0	0	0
16											
17	C. Total	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
18											
19	ECCR Program Costs	$15,099,824	$13,420,792	$254,707	$4,708,065	$428,442	$3,741,546	$72,092,690	$636,553	$0	$110,382,619

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan-16	Act Feb-16	Act Mar-16	Act Apr-16	Act May-16	Act Jun-16	Est Jul-16	Est Aug-16	Est Sep-16	Est Oct-16	Est Nov-16	Est Dec-16	Total
1	Better Business (E)														
2	Investments		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	Retirements		10,820	0	0	0	0	0	0	0	0	0	0	0	10,820
4	Depreciation Base		5,410	0	0	0	0	0	0	0	0	0	0	0	
5															
6	Depreciation Expense		305	(0)	0	0	0	0	0	0	0	0	0	0	305
7															
8	Cumulative Investment	10,820	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Less: Accumulated Depreciation	10,515	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Net Investment	305	(0)	0	0	0	0	0	0	0	0	0	0	0	0
11	Average Investment		152	(0)	0	0	0	0	0	0	0	0	0	0	
12	Return on Average Investment		1	0	0	0	0	0	0	0	0	0	0	0	1
13															
14	Return Requirements		2	0	0	0	0	0	0	0	0	0	0	0	2
15															
16	Program Total		$307	($0)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$307
17															
18	Residential Incentive Program (E)														
19	Investments		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
22															
23	Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
24															
25	Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
29	Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
30															
31	Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
32															
33	Program Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
34															
35	Home Energy Check (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		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
39															
40	Depreciation Expense		982	982	982	982	982	982	982	982	982	982	982	982	11,784
41															
42	Cumulative Investment	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462
43	Less: Accumulated Depreciation	13,762	14,744	15,726	16,708	17,690	18,672	19,654	20,636	21,618	22,600	23,582	24,564	25,546	25,546
44	Net Investment	68,700	67,718	66,736	65,754	64,772	63,790	62,808	61,826	60,844	59,862	58,880	57,898	56,916	56,916
45	Average Investment		68,209	67,227	66,245	65,263	64,281	63,299	62,317	61,335	60,353	59,371	58,389	57,407	
46	Return on Average Investment		406	401	395	388	383	377	350	345	339	334	328	323	4,369
47															
48	Return Requirements		589	581	573	563	555	547	509	501	493	485	477	469	6,342
49															
50	Program Total		$1,571	$1,563	$1,555	$1,545	$1,537	$1,529	$1,491	$1,483	$1,475	$1,467	$1,459	$1,451	$18,126

Notes:
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- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 16	Act Feb 16	Act Mar 16	Act Apr 16	Act May 16	Act Jun 16	Est Jul 16	Est Aug 16	Est Sep 16	Est Oct 16	Est Nov 16	Est Dec 16	Total
1	Business Energy Check (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		69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	
5															
6	Depreciation Expense		1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	1,157	13,884
7															
8	Cumulative Investment	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415	69,415
9	Less: Accumulated Depreciation	37,580	38,737	39,894	41,051	42,208	43,365	44,522	45,679	46,836	47,993	49,150	50,307	51,464	51,464
10	Net Investment	31,835	30,678	29,521	28,364	27,207	26,050	24,893	23,736	22,579	21,422	20,265	19,108	17,951	17,951
11	Average Investment		31,256	30,099	28,942	27,785	26,628	25,471	24,314	23,157	22,000	20,843	19,686	18,529	
12	Return on Average Investment		186	179	172	166	159	152	137	130	123	118	111	104	1,737
13															
14	Return Requirements		270	259	249	241	231	220	199	189	179	171	161	151	2,520
15															
16	Program Total		$1,427	$1,416	$1,406	$1,398	$1,388	$1,377	$1,356	$1,346	$1,336	$1,328	$1,318	$1,308	$16,404
17															
18	Conservation Program Admin (E)														
19	Investments		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
20	Retirements		0	0	0	0	0	0	0	0	0	0	0	0	0
21	Depreciation Base		0	0	0	0	0	0	0	0	0	0	0	0	
22															
23	Depreciation Expense		0	0	0	0	0	0	0	0	0	0	0	0	0
24															
25	Cumulative Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	Less: Accumulated Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Net Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	
29	Return on Average Investment		0	0	0	0	0	0	0	0	0	0	0	0	0
30															
31	Return Requirements		0	0	0	0	0	0	0	0	0	0	0	0	0
32															
33	Program Total		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
34															
35	Technology Development (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		0	0	0	0	0	0	0	0	0	0	0	0	0
41															
42	Cumulative Investment	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: Accumulated Depreciation	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
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:
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Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 16	Act Feb 16	Act Mar 16	Act Apr 16	Act May 16	Act Jun 16	Est Jul 16	Est Aug 16	Est Sep 16	Est Oct 16	Est Nov 16	Est Dec 16	Total
1	Standby Generation (D)														
2	Investments		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
3	Retirements		0	176,498	0	126	4,000	0	0	10,800	0	0	0	0	191,425
4	Depreciation Base		366,050	277,801	189,552	189,489	187,426	185,426	185,426	180,026	174,625	174,625	174,625	174,625	
5															
6	Depreciation Expense		6,101	4,630	3,159	3,158	3,124	3,090	3,090	3,000	2,910	2,910	2,910	2,910	40,992
7															
8	Cumulative Investment	366,050	366,050	189,552	189,552	189,426	185,426	185,426	185,426	174,625	174,625	174,625	174,625	174,625	174,625
9	Less: Accumulated Depreciation	286,802	292,903	121,035	124,194	127,226	126,350	129,440	132,530	124,729	127,639	130,549	133,459	136,369	136,369
10	Net Investment	79,248	73,147	68,517	65,358	62,200	59,076	55,986	52,896	49,896	46,986	44,076	41,166	38,256	38,256
11	Average Investment		76,198	70,832	66,938	63,779	60,638	57,531	54,441	51,396	48,441	45,531	42,621	39,711	
12	Return on Average Investment		454	422	399	380	361	342	306	288	272	256	239	223	3,942
13															
14	Return Requirements		658	612	579	551	524	496	445	419	395	372	348	324	5,723
15															
16	Program Total		$6,759	$5,242	$3,738	$3,709	$3,648	$3,586	$3,535	$3,419	$3,305	$3,282	$3,258	$3,234	$46,715
17															
18	Interrupt ble Service (D)														
19	Investments		$44,502	$0	$0	$0	$48	$0	$0	$0	$0	$0	$0	$0	$44,550
20	Retirements		78,111	0	39	0	0	0	0	0	0	0	0	0	78,150
21	Depreciation Base		68,665	51,860	51,840	51,821	51,845	51,869	51,869	51,869	51,869	51,869	51,869	51,869	
22															
23	Depreciation Expense		1,144	864	864	864	864	865	865	865	865	865	865	865	10,655
24															
25	Cumulative Investment	85,469	51,860	51,860	51,821	51,821	51,869	51,869	51,869	51,869	51,869	51,869	51,869	51,869	51,869
26	Less: Accumulated Depreciation	79,710	2,743	3,607	4,432	5,296	6,160	7,025	7,890	8,755	9,620	10,485	11,350	12,215	12,215
27	Net Investment	5,759	49,117	48,253	47,389	46,525	45,709	44,844	43,979	43,114	42,249	41,384	40,519	39,654	39,654
28	Average Investment		27,438	48,685	47,821	46,957	46,117	45,277	44,412	43,547	42,682	41,817	40,952	40,087	
29	Return on Average Investment		163	290	285	279	275	269	249	245	240	235	230	226	2,986
30															
31	Return Requirements		236	421	413	405	399	390	362	356	349	342	334	328	4,335
32															
33	Program Total		$1,380	$1,285	$1,277	$1,269	$1,263	$1,255	$1,227	$1,221	$1,214	$1,207	$1,199	$1,193	$14,990
34															
35	Photovoltaic For Schools Pilot (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		0	0	0	0	0	0	0	0	0	0	0	0	
39															
40	Depreciation Expense		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: Accumulated 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:
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- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 16	Act Feb 16	Act Mar 16	Act Apr 16	Act May 16	Act Jun 16	Est Jul 16	Est Aug 16	Est Sep 16	Est Oct 16	Est Nov 16	Est Dec 16	Total
1	Residential Energy Management - Summary (Itemized below) (D)														
2	Expenditures Booked Directly to Plant		$148,238	$100,449	$347,636	$148,538	$716,048	$519,146	$641,604	$641,604	$641,604	$641,604	$641,604	$641,604	$5,829,678
3	Retirements		210,012	240,012	282,790	236,598	248,366	441,577	254,999	314,133	125,163	59,975	89,024	91,903	2,594,554
4	Investments Booked to CWIP		159,316	15,263	70,128	0	0	0	0	0	0	0	0	0	244,707
5	Closings to Plant		20,964,910	15,263	70,128	0	0	0	0	0	0	0	0	0	21,050,301
6	Depreciation Base		57,450,318	67,839,737	67,845,073	67,868,530	68,058,342	68,330,967	68,563,053	68,920,091	69,342,047	69,891,081	70,458,185	71,009,325	
7															
8	Depreciation Expense		639,255	813,365	813,454	813,844	817,008	821,552	825,420	831,371	838,404	847,554	857,006	866,192	9,784,425
9															
10	Cumulative Plant Investment	46,998,750	67,901,886	67,777,586	67,912,560	67,824,501	68,292,183	68,369,752	68,756,356	69,083,826	69,600,267	70,181,895	70,734,475	71,284,175	71,284,175
11	Less: Accumulated Depreciation	13,813,281	14,242,524	14,815,877	15,346,541	15,923,787	16,492,429	16,872,403	17,442,824	17,960,062	18,673,303	19,460,882	20,228,863	21,003,152	21,003,152
12	Cumulative CWIP Investment	20,805,594	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	53,991,063	53,659,363	52,961,710	52,566,019	51,900,714	51,799,754	51,497,348	51,313,532	51,123,765	50,926,964	50,721,014	50,505,612	50,281,023	50,281,023
14	Average Investment		53,825,213	53,310,536	52,763,865	52,233,367	51,850,234	51,648,551	51,405,440	51,218,648	51,025,364	50,823,989	50,613,313	50,393,317	
15	Return on Average Investment		320,523	317,459	314,202	311,045	308,763	307,561	288,682	287,635	286,550	285,418	284,234	283,000	3,595,072
16															
17	Return Requirements		464,738	460,294	455,572	450,995	447,685	445,943	419,620	418,099	416,520	414,876	413,154	411,361	5,218,857
18															
19	Program Total		$1,103,993	$1,273,659	$1,269,026	$1,264,839	$1,264,693	$1,267,495	$1,245,040	$1,249,470	$1,254,924	$1,262,430	$1,270,160	$1,277,553	$15,003,282
20															
21	Residential Energy Management - SmartGrid Hardware for ODS, LMS, APPDEV & 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		469,833	0	0	0	0	0	0	0	0	0	0	0	469,833
26	Depreciation Base		10,352,474	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	
27															
28	Depreciation Expense		117,824	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	122,689	1,467,403
29															
30	Cumulative Plant Investment	10,117,558	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391	10,587,391
31	Less: Accumulated Depreciation	2,996,842	3,114,666	3,237,355	3,360,044	3,482,733	3,605,422	3,728,111	3,850,800	3,973,489	4,096,178	4,218,867	4,341,556	4,464,245	4,464,245
32	Cumulative CWIP Investment	469,833	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Net Plant Investment	7,590,549	7,472,725	7,350,036	7,227,347	7,104,658	6,981,969	6,859,280	6,736,591	6,613,902	6,491,213	6,368,524	6,245,835	6,123,146	6,123,146
34	Average Investment		7,531,637	7,411,381	7,288,692	7,166,003	7,043,314	6,920,625	6,797,936	6,675,247	6,552,558	6,429,869	6,307,180	6,184,491	
35	Return on Average Investment		44,850	44,134	43,403	42,673	41,943	41,211	38,175	37,487	36,798	36,109	35,420	34,731	476,934
36															
37	Return Requirements		65,030	63,991	62,931	61,873	60,814	59,753	55,490	54,490	53,488	52,487	51,486	50,484	692,317
38															
39	Program Total		$182,854	$186,680	$185,620	$184,562	$183,503	$182,442	$178,179	$177,179	$176,177	$175,176	$174,175	$173,173	$2,159,720

Notes:
- Jan - Jun return on average investment is calculated using an annual rate of 7.15% based on May 2015 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 16	Act Feb 16	Act Mar 16	Act Apr 16	Act May 16	Act Jun 16	Est Jul 16	Est Aug 16	Est Sep 16	Est Oct 16	Est Nov 16	Est Dec 16	Total
1	Residential Energy Management - SmartGrid Software for ODS, LMS, APPDEV (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	0	0	0	0	0	0	0	0	0	0
4	Investments Booked to CWIP		156,851	15,263	70,128	0	0	0	0	0	0	0	0	0	242,243
5	Closings to Plant		11,288,866	15,263	70,128	0	0	0	0	0	0	0	0	0	11,374,258
6	Depreciation Base		12,169,211	17,821,276	17,863,971	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	
7															
8	Depreciation Expense		202,824	297,027	297,739	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	298,323	3,482,497
9															
10	Cumulative Plant Investment	6,524,778	17,813,644	17,828,907	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035	17,899,035
11	Less: Accumulated Depreciation	2,777,222	2,980,046	3,277,073	3,574,812	3,873,135	4,171,458	4,469,781	4,768,104	5,066,427	5,364,750	5,663,073	5,961,396	6,259,719	6,259,719
12	Cumulative CWIP Investment	11,132,015	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	14,879,571	14,833,598	14,551,834	14,324,223	14,025,900	13,727,577	13,429,254	13,130,931	12,832,608	12,534,285	12,235,962	11,937,639	11,639,316	11,639,316
14	Average Investment		14,856,584	14,692,716	14,438,029	14,175,062	13,876,739	13,578,416	13,280,093	12,981,770	12,683,447	12,385,124	12,086,801	11,788,478	
15	Return on Average Investment		88,469	87,494	85,977	84,411	82,635	80,858	74,578	72,903	71,228	69,552	67,877	66,202	932,184
16															
17	Return Requirements		128,274	126,860	124,661	122,390	119,815	117,239	108,405	105,970	103,535	101,099	98,664	96,229	1,353,141
18															
19	Program Total		$331,098	$423,887	$422,400	$420,713	$418,138	$415,562	$406,728	$404,293	$401,858	$399,422	$396,987	$394,552	$4,835,638
20															
21	Residential Energy Management - SmartGrid 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		22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	
27															
28	Depreciation Expense		112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	112,142	1,345,704
29															
30	Cumulative Plant Investment	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012	22,541,012
31	Less: Accumulated Depreciation	3,860,807	3,972,949	4,085,091	4,197,233	4,309,375	4,421,517	4,533,659	4,645,801	4,757,943	4,870,085	4,982,227	5,094,369	5,206,511	5,206,511
32	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Net Plant Investment	18,680,205	18,568,063	18,455,921	18,343,779	18,231,637	18,119,495	18,007,353	17,895,211	17,783,069	17,670,927	17,558,785	17,446,643	17,334,501	17,334,501
34	Average Investment		18,624,134	18,511,992	18,399,850	18,287,708	18,175,566	18,063,424	17,951,282	17,839,140	17,726,998	17,614,856	17,502,714	17,390,572	
35	Return on Average Investment		110,905	110,237	109,569	108,902	108,233	107,566	100,810	100,181	99,552	98,922	98,292	97,662	1,250,831
36															
37	Return Requirements		160,805	159,837	158,868	157,901	156,931	155,964	146,535	145,621	144,706	143,790	142,874	141,959	1,815,791
38															
39	Program Total		$272,947	$271,979	$271,010	$270,043	$269,073	$268,106	$258,677	$257,763	$256,848	$255,932	$255,016	$254,101	$3,161,495

Notes:
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- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Energy Conservation Cost Recovery
Schedule of Capital Investment, Depreciation & Return
January - June 2016 Actuals
July - December 2016 Estimates

Line No.	Program Demand (D) or Energy (E)	Beginning Balance	Act Jan 16	Act Feb 16	Act Mar 16	Act Apr 16	Act May 16	Act Jun 16	Est Jul 16	Est Aug 16	Est Sep 16	Est Oct 16	Est Nov 16	Est Dec 16	Total
1	Residential Energy Management - Non-SmartGrid 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	25,172	0	0	0	0	1,271	0	0	0	0	0	26,443
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		102,406	89,820	77,234	77,234	77,234	77,234	76,598	75,963	75,963	75,963	75,963	75,963	
7															
8	Depreciation Expense		1,707	1,497	1,287	1,287	1,287	1,287	1,277	1,266	1,266	1,266	1,266	1,266	15,959
9															
10	Cumulative Plant Investment	102,406	102,406	77,234	77,234	77,234	77,234	77,234	75,963	75,963	75,963	75,963	75,963	75,963	75,963
11	Less: Accumulated Depreciation	76,415	78,122	54,447	55,734	57,021	58,308	59,595	59,600	60,866	62,132	63,398	64,664	65,930	65,930
12	Cumulative CWIP Investment	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Net Plant Investment	25,991	24,284	22,787	21,500	20,213	18,926	17,639	16,362	15,096	13,830	12,564	11,298	10,032	10,032
14	Average Investment		25,138	23,536	22,144	20,857	19,570	18,283	17,001	15,729	14,463	13,197	11,931	10,665	
15	Return on Average Investment		149	140	131	124	116	109	96	89	82	75	67	60	1,238
16															
17	Return Requirements		216	203	190	180	168	158	139	129	119	109	97	87	1,795
18															
19	Program Total		$1,923	$1,700	$1,477	$1,467	$1,455	$1,445	$1,416	$1,395	$1,385	$1,375	$1,363	$1,353	$17,754
20															
21	Residential Energy Management - Load Management Switches (D)														
22	Expenditures Booked Directly to Plant		$148,238	$100,449	$347,636	$148,538	$716,048	$519,146	$641,604	$641,604	$641,604	$641,604	$641,604	$641,604	$5,829,678
23	Retirements		210,012	214,840	282,790	236,598	248,366	441,577	253,728	314,133	125,163	59,975	89,024	91,903	2,568,110
24	Investments Booked to CWIP		2,464	0	0	0	0	0	0	0	0	0	0	0	2,464
25	Closings to Plant		9,206,210	0	0	0	0	0	0	0	0	0	0	0	9,206,210
26	Amortization Base		12,285,215	16,800,238	16,775,465	16,763,858	16,953,670	17,226,295	17,459,017	17,816,690	18,238,646	18,787,680	19,354,784	19,905,924	
27															
28	Amortization Expense		204,758	280,010	279,597	279,403	282,567	287,111	290,989	296,951	303,984	313,134	322,586	331,772	3,472,862
29															
30	Cumulative Plant Investment	7,712,997	16,857,433	16,743,042	16,807,888	16,719,828	17,187,511	17,265,080	17,652,955	17,980,425	18,496,866	19,078,494	19,631,074	20,180,774	20,180,774
31	Less: Accumulated Depreciation	4,101,995	4,096,741	4,161,911	4,158,718	4,201,523	4,235,724	4,081,258	4,118,519	4,101,336	4,280,157	4,533,316	4,766,878	5,006,747	5,006,747
32	Cumulative CWIP Investment	9,203,746	0	0	0	0	0	0	0	0	0	0	0	0	0
33	Net Plant Investment	12,814,747	12,760,692	12,581,131	12,649,170	12,518,305	12,951,787	13,183,822	13,534,436	13,879,089	14,216,709	14,545,178	14,864,196	15,174,027	15,174,027
34	Average Investment		12,787,720	12,670,912	12,615,150	12,583,738	12,735,046	13,067,804	13,359,129	13,706,763	14,047,899	14,380,943	14,704,687	15,019,112	
35	Return on Average Investment		76,150	75,454	75,122	74,935	75,836	77,817	75,023	76,975	78,890	80,760	82,578	84,345	933,885
36															
37	Return Requirements		110,413	109,403	108,922	108,651	109,957	112,829	109,051	111,889	114,672	117,391	120,033	122,602	1,355,813
38															
39	Program Total		$315,171	$389,413	$388,519	$388,054	$392,524	$399,940	$400,040	$408,840	$418,656	$430,525	$442,619	$454,374	$4,828,675
40															
41	Summary of Demand & Energy														
42															
43	Energy		$3,305	$2,979	$2,961	$2,943	$2,925	$2,906	$2,847	$2,829	$2,811	$2,795	$2,777	$2,759	$34,837
44	Demand		1,112,132	1,280,186	1,274,041	1,269,817	1,269,604	1,272,336	1,249,802	1,254,110	1,259,443	1,266,919	1,274,617	1,281,980	15,064,987
45	Total Return & Depreciation		$1,115,437	$1,283,165	$1,277,002	$1,272,760	$1,272,529	$1,275,242	$1,252,649	$1,256,939	$1,262,254	$1,269,714	$1,277,394	$1,284,739	$15,099,824
46															

Notes:
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- Jul - Dec return on average investment is calculated using an annual rate of 6.74% based on May 2016 DEF Surveillance Report capital structure & costs rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Docket 120007-EI.
- Return Requirements are calculated using a combined statutory tax rate of 38.575%.

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of Interest Provision
January 2016 - December 2016

Line No.		Act Jan-16	Act Feb-16	Act Mar-16	Act Apr-16	Act May-16	Act Jun-16	Est Jul-16	Est Aug-16	Est Sep-16	Est Oct-16	Est Nov-16	Est Dec-16	Total
1	Beginning True-Up Amount (C3, Page 11, Lines 7 & 8)	($6,293,328)	($6,235,728)	($4,916,831)	($2,947,485)	($2,385,427)	($2,246,912)	($3,233,747)	($4,303,333)	($5,404,714)	($6,728,302)	($7,065,721)	($5,792,953)	
2	Ending True-Up Amount Before Interest (C3, Page 11, Lines 5,7-10)	(6,233,640)	(4,914,926)	(2,946,076)	(2,384,561)	(2,246,237)	(3,232,902)	(4,302,140)	(5,403,177)	(6,726,381)	(7,063,537)	(5,790,917)	(3,878,044)	
3	Total Beginning & Ending True-Up (Line 1 + Line 2)	(12,526,968)	(11,150,653)	(7,862,907)	(5,332,046)	(4,631,665)	(5,479,814)	(7,535,887)	(9,706,510)	(12,131,095)	(13,791,839)	(12,856,638)	(9,670,997)	
4	Average True-Up Amount (50% of Line 3)	(6,263,484)	(5,575,327)	(3,931,453)	(2,666,023)	(2,315,832)	(2,739,907)	(3,767,944)	(4,853,255)	(6,065,547)	(6,895,919)	(6,428,319)	(4,835,498)	
5	Interest Rate: First Day Reporting Business Month	0.40%	0.40%	0.42%	0.44%	0.34%	0.36%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	
6	Interest Rate: First Day Subsequent Business Month	0.40%	0.42%	0.44%	0.34%	0.36%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	0.38%	
7	Total (Line 5 + Line 6)	0.80%	0.82%	0.86%	0.78%	0.70%	0.74%	0.76%	0.76%	0.76%	0.76%	0.76%	0.76%	
8	Average Interest Rate (50% of Line 7)	0.400%	0.410%	0.430%	0.390%	0.350%	0.370%	0.380%	0.380%	0.380%	0.380%	0.380%	0.380%	
9	Interest Provision (Line 4 * Line 8) / 12	($2,088)	($1,905)	($1,409)	($866)	($675)	($845)	($1,193)	($1,537)	($1,921)	($2,184)	($2,036)	($1,531)	($18,190)

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Energy Conservation Adjustment
Calculation of True-Up
January 2016 - December 2016

Line No.		Act Jan-16	Act Feb-16	Act Mar-16	Act Apr-16	Act May-16	Act Jun-16	Est Jul-16	Est Aug-16	Est Sep-16	Est Oct-16	Est Nov-16	Est Dec-16	Total
1	ECCR Revenues	$7,931,808	$8,070,791	$7,834,963	$7,650,065	$9,011,552	$10,174,924	$10,493,951	$10,529,692	$10,756,830	$9,777,859	$8,175,500	$7,542,739	$107,950,675
2	Prior Period True-Up Over/(Under) Recovery	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	6,293,328
3	ECCR Revenues Applicable to Period	8,456,252	8,595,235	8,359,407	8,174,509	9,535,996	10,699,368	11,018,395	11,054,136	11,281,274	10,302,303	8,699,944	8,067,183	114,244,003
4	ECCR Expenses	7,991,496	9,391,594	9,805,717	8,212,989	9,150,742	9,188,934	9,425,559	9,429,849	9,435,164	9,442,624	9,450,304	9,457,649	110,382,618
5	True-Up This Period (Over)/Under Recovery	(464,756)	796,358	1,446,311	38,480	(385,254)	(1,510,434)	(1,592,837)	(1,624,288)	(1,846,111)	(859,679)	750,360	1,390,465	(3,861,385)
6	Current Period Interest	(2,088)	(1,905)	(1,409)	(866)	(675)	(845)	(1,193)	(1,537)	(1,921)	(2,184)	(2,036)	(1,531)	(18,190)
7	Audit Adjustments	0	0	0	0	0	0	0	0	0	0	0	0	0
8	True-Up & Interest Provision Beginning of Period	(6,293,328)	(6,235,728)	(4,916,831)	(2,947,485)	(2,385,427)	(2,246,912)	(3,233,747)	(4,303,333)	(5,404,714)	(6,728,302)	(7,065,721)	(5,792,953)	(6,293,328)
9	GRT Refunded	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Prior Period True-Up Over/(Under) Recovery	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	524,444	6,293,328
11	End of Period Net True-Up	($6,235,728)	($4,916,831)	($2,947,485)	($2,385,427)	($2,246,912)	($3,233,747)	($4,303,333)	($5,404,714)	($6,728,302)	($7,065,721)	($5,792,953)	($3,879,575)	($3,879,575)

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Calculation of ECCR Revenues
January 2017 - December 2017

Line No.	Month	Jurisdictional mWh Sales	ECCR Revenue Net of Revenue Taxes
1	January	3,162,399	$8,760,935
2	February	2,819,127	8,068,712
3	March	2,657,486	7,245,353
4	April	2,661,601	7,299,489
5	May	3,023,218	8,259,734
6	June	3,592,575	10,063,356
7	July	3,831,104	10,674,492
8	August	4,024,630	11,234,095
9	September	3,904,886	10,999,020
10	October	3,583,805	9,915,183
11	November	3,031,751	8,388,030
12	December	2,921,454	7,997,813
13			
14	Total	39,214,036	$108,906,213

Duke Energy Florida, LLC
Energy Conservation Cost Recovery
Capital Structure and Cost Rates

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	$4,681,853	48.76%	0.10500	5.120%	8.335%
PS	0	0.00%	0.00000	0.000%	0.000%
LTD	3,672,596	38.25%	0.05187	1.984%	1.984%
STD	(90,568)	-0.94%	0.00170	-0.002%	-0.002%
CD-Active	182,163	1.90%	0.02306	0.044%	0.044%
CD-Inactive	1,306	0.01%	0.00000	0.000%	0.000%
ADIT	1,318,615	13.73%	0.00000	0.000%	0.000%
FAS 109	(164,391)	-1.71%	0.00000	0.000%	0.000%
ITC	498	0.01%	0.00000	0.000%	0.000%
Total	$9,602,073	100.00%		7.146%	10.361%
			Total Debt	2.026%	2.026%
			Total Equity	5.120%	8.335%

May 2015 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI.

Class of Capital	Retail Amount	Ratio	Cost Rate	Weighted Cost Rate	PreTax Weighted Cost Rate
CE	$4,664,905	46.35%	0.10500	4.867%	7.924%
PS	0	0.00%	0.00000	0.000%	0.000%
LTD	3,327,189	33.06%	0.05470	1.809%	1.809%
STD	373,704	3.71%	0.00580	0.022%	0.022%
CD-Active	182,948	1.82%	0.02300	0.042%	0.042%
CD-Inactive	1,367	0.01%	0.00000	0.000%	0.000%
ADIT	223	0.00%	0.00000	0.000%	0.000%
FAS 109	(161,369)	-1.60%	0.00000	0.000%	0.000%
ITC	1,674,675	16.64%	0.00000	0.000%	0.000%
Total	$10,063,642	100.00%		6.739%	9.796%
			Total Debt	1.872%	1.872%
			Total Equity	4.867%	7.924%

May 2016 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 120001-EI, 120002-EI & 120007-EI.

Program Description and Progress

Program Title: Home Energy Check

Program Description: The Home Energy Check is a residential energy audit program that provides residential customers with an analysis of their energy consumption as well as educational information on how to reduce energy usage and save money. The audit provides DEF the opportunity to promote and directly install cost-effective measures in customers' homes while also educating and encouraging customers to implement energy-saving practices.

Program Projections - January 2017 - December 2017: It is estimated that 32,367 customers will participate in this program during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $5,607,285.

Program Progress Summary: As of year-to-date, June 30, 2016, 15,032 customers 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: Residential Incentive Program

Program Description: The Residential Incentive Program provides incentives to residential customers for energy efficiency improvements for both existing homes and new homes. The Residential Incentive Program includes incentives for measures such as duct testing, duct repair, attic insulation, replacement windows, high efficiency heat pump replacing resistance heat, high efficiency heat pump replacing a heat pump, and newly constructed Energy Star homes.

Program Projections - January 2017 - December 2017: It is estimated that 15,702 completions will be performed in this program during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $6,652,596.

Program Progress Summary: As of year-to-date, June 30, 2016, 19,816 measure installations have taken place in the current year as a result of this program.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

Program Description: The Neighborhood Energy Saver Program is designed to assist customers in selected neighborhoods where approximately 50% of the households have incomes equal to or less than 200% of the poverty level established by the U.S. Government. DEF or a third party contractor directly installs energy conservation measures, identified through an energy assessment, in customer homes to increase energy efficiency. Customers also receive a comprehensive package of energy education materials which inform them on ways to better manage their energy usage. The energy conservation measures are installed and energy efficiency education is provided at no cost to the participants.

Program Projections - January 2017 - December 2017: It is estimated that energy conservation measures will be installed on 4,500 homes and an additional 15,000 customers will receive a comprehensive home energy report with information that will help them manage their energy usage.

Program Fiscal Costs for January 2017 - December 2017: Costs for this program are projected to be $3,850,319.

Program Progress Summary: As of year-to-date, June 30, 2016, there have been 17,177 measures installed on 2,139 homes and 29,957 Home Energy Reports have been provided to customers.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

Program Description: The Low-Income Weatherization Program is designed to integrate DEF's program measures with assistance provided by the Florida Department of Economic Opportunity (DEO) and local weatherization providers to deliver energy efficiency measures to low-income eligible families. Through this partnership, DEF assists local weatherization agencies by providing energy education, energy education materials and financial incentives to weatherize the homes of low-income families.

Program Projections - January 2017 - December 2017: It is estimated that 1,750 weatherization measures will be installed on 500 residential homes.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $599,967.

Program Progress Summary: As of year-to-date, June 30, 2016, there have been 1,139 measures installed on 280 homes through this program.

Program Description and Progress

Program Title: Energy Management Program (Residential & Commercial)

Program Description: The Residential 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. Residential customers have a choice of options and receive a credit on their monthly electric bills depending on the load control 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 670 MW of winter and 350 MW of summer load reduction. Approximately 418,000 customers currently participate in the program requiring over 550,000 control switches, the majority being original analog switches.

DEF has selected and is utilizing a new two-way direct load control device for new Residential Energy Management participants. DEF has also implemented a new Load Management System which provides control functionality for the new two-way control devices as well as asset management and system maintenance capabilities. This new system and the two-way load control devices currently operate in parallel with the existing legacy system and legacy devices.

Program Projections - January 2017 - December 2017: During this period DEF anticipates adding 8,700 new participants to our current portfolio of approximately 418,000 participants.

Program Fiscal Costs - January 2017 - December 2017: Program costs during this period are projected to be $47,738,734.

Program Progress Summary: As of June 30, 2016, a total of approximately 418,000 customers are participating in the Energy Management Program. Through year-to-date, June 30, 2016, a total of 4,050 new participant installations have been completed.

Program Description and Progress

Program Title: Business Energy Check Program

Program Description: The Business Energy Check Program provides no-cost energy audits at non-residential facilities. These audits can be completed over the phone or at the customer's facility by a qualified Duke Energy Assessor. This program acts as a motivational tool to identify, evaluate and inform consumers on cost effective energy saving measures at their facility. The Business Energy Check Program serves as the foundation for the Better Business Program.

Program Projections - January 2017 - December 2017: It is estimated that 1674 customers will participate in this program during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $1,030,787.

Program Progress Summary: As of year-to-date, June 30, 2016, 312 customers have participated in this program.

Program Description and Progress

Program Title: Better Business Program

Program Description: This umbrella efficiency program provides incentives to existing commercial, industrial, and governmental customers for heating, air conditioning, roof insulation, duct leakage and repair, demand-control ventilation, cool roof coating, high efficiency energy recovery ventilation, and HVAC optimization qualifying measures.

Program Projections - January 2017 - December 2017: It is estimated that 1,559 measure installations will take place as a result of this program during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $2,516,198.

Program Progress Summary: As of year-to-date, June 30, 2016, 439 measure installations have taken place as a result of this program.

Program Description and Progress

Program Title: Florida Custom Incentive Program

Program Description: The Florida Custom Incentive Program is designed to encourage customers to make capital investments for energy efficiency measures which reduce peak KW and provide energy savings. This program provides incentives for individual custom projects which are cost effective, but not otherwise addressed through DEF's prescriptive programs. Examples of energy efficient technologies that would be considered under this program include, but are not limited to, new construction measures and new thermal energy storage systems.

Program Projections - January 2017 - December 2017: It is estimated that 35 customers will participate in the program during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $728,933.

Program Progress Summary: As of year-to-date June 30, 2016, 4 customers have participated in this program.

Program Description and Progress

Program Title: Standby Generation

Program Description: The Standby Generation Program is a demand control program that reduces DEF's system demand based on control of customer equipment. It is a voluntary program available to commercial and industrial customers who have on-site generation capability and are willing to reduce their DEF demand when necessary. This program is part of DEF's General Service Load Management-2 (GSLM-2) rate schedule.

Program Projections - January 2017 - December 2017: It is estimated that 10 new installations will be completed during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Expenses for this program are projected to be $4,499,171.

Program Progress Summary: As of June 30, 2016, there are 146 accounts participating in this program.

Program Description and Progress

Program Title: Interruptible Service

Program Description: Interruptible Service is a direct load control DSM program in which customers contract to allow DEF to interrupt their electrical service during times of capacity shortages during peak or emergency conditions. In return, customers receive a monthly credit on their bill based on their monthly peak demand.

Program Projections - January 2017 - December 2017: 1 new account is estimated to sign up during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $31,527,819.

Program Progress Summary: As of June 30, 2016, there are 133 accounts participating in this program.

Program Description and Progress

Program Title: Curtailable Service

Program Description: Curtailable Service is an indirect load control DSM program in which customers contract to curtail or reduce a portion of their electric load during times of capacity shortages. The curtailment is managed by the customer when notified by DEF. In return, customers receive a monthly rebate for the curtailable portion of their load.

Program Projections - January 2017 - December 2017: No new participants are expected during the projection period.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $1,937,988.

Program Progress Summary: As of June 30, 2016, there are 4 customers participating in this program.

Program Description and Progress

Program Title: Technology Development

Program Description: The Technology Development Program allows DEF to investigate technologies that support the development of cost-effective demand reduction and energy efficiency programs.

Program Projections - January 2017 - December 2017: DEF has partnered with various research organizations including, the Florida Solar Energy Center, University of South Florida (USF), and the Electric Power Research Institute (EPRI) 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 2017:

- EPRI Variable Capacity Heat Pump Air Conditioner
- Florida Building Automated Energy Efficiency and Demand Response
- Renewable SEEDS (alternative energy with storage)
- Smart Appliance Research and Demonstration
- Energy Management Circuit Breakers
- Virtual Customer Energy Assessment
- Smart Charging for Electric Transportation
- EPRI programs (energy efficiency, energy storage, integration of renewable resources, electric transportation infrastructure)

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $800,000.

Program Progress Summary: The following provides a summary of projects that DEF is currently supporting through this program:

- EPRI Variable Capacity Heat Pump Air Conditioner: This project was designed to study improvements in efficiency and peak load reductions from using ultra high-efficiency heat pumps in Florida. Based on 2013 and 2014 data analysis from the participant homes, these heat pumps reduced energy use and heat strip use on peak demand. 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 additional technologies are being 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

Program Description and Progress

explore the potential for developing a Florida program for EE and DR improvements through customer energy optimization products. Working with USF, automated demand response technology has been implemented and is currently being demonstrated on its St. Petersburg campus. Data collection and analysis will be performed over a 24-month period.

- 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 smoothing, energy shifting and demand response capabilities. These sites will be upgraded in 2017 to be interfaced with other distributed energy storage systems to demonstrate aggregation of distributed energy storage.
- Energy Management Circuit Breaker Project: This project will explore the potential for developing a Florida program for customer circuit breakers that include communication, metering, remote operation for potential applications including energy efficiency, demand response, and integration of distributed energy resources.
- Flexible Demand Response Project: This project will explore the potential for a Florida program for utilizing advanced appliance demand response capabilities to provide additional power system benefits including frequency response and responding to the flexibility requirements of renewable generation.
- 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.
- CTA-2045 Testing Project: The CTA-2045 standard provides for a modular communications interface to residential appliances for demand management. CTA-2045 also provides standard signals for DSM to control appliances. Duke Energy Florida, in partnership with EPRI, is testing: CTA-2045 thermostats, heat pump water heaters, electric water heaters, pool pump/timers, and EVSE. DEF is also testing retrofit devices that could bring the features of CTA-2045 to ordinary appliances including water heaters, pool pumps, and electric vehicle chargers. The functionality of these devices is being verified under lab conditions and field demonstrations for program development.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: This program supports the costs to administer and facilitate the interconnection and purchase of as-available energy and firm energy and capacity from qualifying facilities including those that utilize renewable sources and distributed energy resources .

Program Projections - January 2017 - December 2017: DEF will continue to meet with Qualified Facility (QF) developers interested in providing cogeneration or renewable resources within its service territory. Project, grid access 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 DEF increase, more in depth research and analytics will be required to support good faith QF purchased power negotiations and contract structures. DEF will monitor the existing QF contracts under development for: construction milestones, financing status, permitting, transmission studies and agreements, insurance and Performance Security. DEF will continue to prudently administer all executed and in-service QF contracts for compliance.

Program Fiscal Costs - January 2017 - December 2017: Costs for this program are projected to be $1,133,900.

Program Progress Summary: DEF has approximately 928 MW under purchase contract from QFs. The total firm capacity from cogeneration facilities is 334 MW and the total firm capacity from renewable facilities is 177 MW. Approximately 27 MW of renewables are delivering energy to the Company on an as-available basis and 390 MW of Qualified renewables are under development. Finally, DEF has over 2,000 MW of distributed energy resources and renewables in its state and FERC jurisdictional interconnection queues.