



Matthew R. Bernier
ASSOCIATE GENERAL COUNSEL

May 1, 2018

VIA ELECTRONIC DELIVERY

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

Re: Docket No. 20180002-EG
Duke Energy Florida, LLC's Petition for approval of true-up amount

Dear Ms. Stauffer:

On behalf of Duke Energy Florida, LLC ("DEF"), please find enclosed for electronic filing in the above-referenced Docket:

- DEF's Petition for Approval of True-Up Amount;
- Direct Testimony of Lori J. Cross with attached Exhibit No. ____ (LJC-1T).

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/cmck
Enclosures

cc: Parties of Record

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In Re: Energy Conservation Cost
Recovery Clause

Docket No. 20180002-EG

Filed: May 1, 2018

DUKE ENERGY FLORIDA, LLC
PETITION FOR APPROVAL OF TRUE-UP AMOUNT

Pursuant to Order No. PSC-2018-0094-PCO-EG, issued February 20, 2018 in the above-referenced docket, Duke Energy Florida, LLC (“DEF” or “the Company”) petitions the Florida Public Service Commission (“Commission”) for approval of an over-recovery of \$2,815,663 as DEF’s adjusted net true-up amount for the period January 2017 through December 2017. In support of this petition, DEF states:

1. The name and address of the affected agency are:

Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

2. The Petitioner’s name and address are:

Duke Energy Florida, LLC
299 First Avenue North
St. Petersburg, Florida 33701

Notices, orders, pleadings and correspondence to be served upon DEF in this proceeding should be directed to:

Dianne M. Triplett
Deputy General Counsel
Duke Energy Florida
299 1st Avenue North
St. Petersburg, FL 33701
(727) 820-4692 telephone
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3. DEF is a public utility subject to the Commission's jurisdiction pursuant to Chapter 366, Florida Statutes. Pursuant to Section 366.82, Florida Statutes, and Rule 25-17.015, Florida Administrative Code, DEF recovers its reasonable and prudent unreimbursed costs for conservation audits, conservation programs and implementation of DEF's conservation plan through the Energy Conservation Cost Recovery ("ECCR") clause. DEF has substantial interests in the proper calculation and recovery of its ECCR factor and the final true-up which is used in the computation of the ECCR factor.

4. DEF seeks Commission approval of an over-recovery of \$2,815,663 as the adjusted net true-up amount for the period January 2017 through December 2017. DEF's final adjusted net true-up amount for the period January 2017 through December 2017 was calculated consistently with the methodology set forth in Schedule 1 attached to Commission Order No. 10093, dated June 19, 1981. This calculation and supporting documentation are contained in Exhibit No. __ (LJC-1T), an exhibit attached to the prefiled testimony of DEF's witness Lori J. Cross, which is being filed in conjunction with this petition.

5. As reflected on Schedule CT-1 of Exhibit No. __ (LJC-1T) to Ms. Cross' testimony, the adjusted net true-up for the period January 2017 through December 2017 is an over-recovery of \$2,815,663, which is the difference of the actual true-up over-recovery of \$5,894,546 and the estimated/actual true-up over-recovery of \$3,078,883.

WHEREFORE, DEF respectfully requests that the Commission approve an over-recovery of \$2,815,663 as the final adjusted net true-up amount for the period January 2017 through December 2017.

Respectfully submitted,

/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 furnished to the following by electronic mail this 1st day of May, 2018, to all parties of record as indicated below.

/s/ Matthew R. Bernier

Attorney

<p>Margo DuVal Office of General Counsel Florida Public Service Commission 2540 Shumard Oak Blvd. Tallahassee, FL 32399-0850 mduval@psc.state.fl.us</p> <p>James Beasley / J. Jeffrey Wahlen Ausley McMullen P.O. Box 391 Tallahassee, FL 32302 jbeasley@ausley.com jwahlen@ausley.com</p> <p>Russell A. Badders / Steven R. Griffin Beggs & Lane P.O. Box 12950 Pensacola, FL 32591 rab@beggslane.com srg@beggslane.com</p> <p>Jon C. Moyle, Jr. Moyle Law Firm, P.A. 118 North Gadsden Street Tallahassee, FL 32301 jmoyle@moylelaw.com</p> <p>Kenneth Rubin / John Butler / Maria Moncada Florida Power & Light Company 700 Universe Boulevard (LAW/JB) Juno Beach, FL 33408-0420 ken.rubin@fpl.com john.butler@fpl.com maria.moncada@fpl.com</p> <p>Charles J. Rehwinkel / J. R. Kelly / Patricia A. Christensen Office of Public Counsel c/o The Florida Legislature 111 West Madison Street, Room 812 Tallahassee, FL 32399 rehwinkel.charles@leg.state.fl.us kelly.jr@leg.state.fl.us christensen.patty@leg.state.fl.us</p>	<p>James W. Brew / Laura A. Wynn Stone Law Firm 1025 Thomas Jefferson Street, N.W. Eighth Floor, West Tower Washington, D.C. 20007 jbrew@smxblaw.com law@smxblaw.com</p> <p>Rhonda J. Alexander / Jeffrey A. Stone Gulf Power Company One Energy Place Pensacola, FL 32520-0780 rjalexad@southernco.com jastone@southernco.com</p> <p>Ms. Paula K. Brown Tampa Electric Company P.O. Box 111 Tampa, FL 33601 regdept@tecoenergy.com</p> <p>Kenneth A. Hoffman Florida Power & Light Company 215 S. Monroe Street, Suite 810 Tallahassee, FL 32301-1858 ken.hoffman@fpl.com</p> <p>Mike Cassel Florida Public Utilities Company 1750 S. 14th Street, Suite 200 Fernandina Beach, FL 32034 mcassel@fpuc.com</p> <p>Beth Keating Gunster, Yoakley & Stewart, P.A. 215 South Monroe Street, Suite 601 Tallahassee, FL 32301 bkeating@gunster.com</p>
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DUKE ENERGY FLORIDA, LLC

DOCKET No. 20180002-EG

**Energy Conservation and Cost Recovery Final True-up
for the Period January through December 2017**

DIRECT TESTIMONY OF

Lori J. Cross

May 1, 2018

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

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

4

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

6 A. I am employed by Duke Energy Business Services, LLC, as Strategy &
7 Collaboration Director in the Customer Programs Department. Duke Energy
8 Business Services and Duke Energy Florida, LLC ("DEF" or the "Company")
9 are both wholly owned subsidiaries of Duke Energy Corporation.

10

11 **Q. What are your duties and responsibilities in that position?**

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

16

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

2 A. The purpose of my testimony is to compare DEF's 2017 actual energy
3 conservation program costs with actual revenues collected through the
4 Company's Energy Conservation Cost Recovery ("ECCR") Clause during
5 the period January 2017 through December 2017. The Company relies upon
6 the information presented in my testimony and exhibit in the conduct of its
7 affairs.

8

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

10 A. DEF seeks recovery through the ECCR Clause for conservation programs
11 approved by the Commission as part of the Company's DSM Plan, as well as
12 for Conservation Program Administration (i.e., those common administration
13 expenses not specifically assigned to an individual program). Notably, DEF
14 seeks recovery of costs for conservation programs approved by the
15 Commission on August 20, 2015 (see Order No. PSC-15-0332-PAA-EG), as
16 follows:

- 17 • Home Energy Check
- 18 • Residential Incentive
- 19 • Neighborhood Energy Saver
- 20 • Low-Income Weatherization Assistance Program
- 21 • Energy Management (Residential and Commercial)
- 22 • Business Energy Check
- 23 • Better Business

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- 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-1T) entitled, "Duke Energy Florida, LLC Energy Conservation Adjusted Net True-Up for the Period January 2017 through December 2017." There are six (6) schedules included in this exhibit.

Q. Will you please explain your exhibit?

A. Yes. Exhibit No._(LJC-1T) presents Schedules CT-1 through CT-6. Schedules CT-1 to CT-4 set out actual costs incurred for all programs during the period from January 2017 through December 2017. These schedules also illustrate variances between actual costs and previously projected values for the same time period. Schedule CT-5 provides a brief summary of each conservation program that includes a program description, program accomplishments, annual program expenditures, significant program cost variances versus projections, and a program progress summary over the twelve-month period ending December 2017. Schedule CT-6 is DEF's capital structure and cost rates.

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Q. Would you please discuss Schedule CT-1?

A. Yes. Schedule CT-1 line 14 shows that DEF's actual end-of-period ECCR true-up for December 31, 2017 was an over-recovery of \$2,815,663, including principal and interest.

Q. What does Schedule CT-2 show?

A. The four pages of Schedule CT-2 provide an annual summary of conservation program revenues as well as itemized conservation program costs for the period January 2017 through December 2017 detailing actual, estimated and variance calculations by program. These costs are directly attributable to DEF's Commission-approved programs.

Q. Would you please discuss Schedule CT-3?

A. Yes. Page one of Schedule CT-3 provides actual conservation program costs by month for the period January 2017 through December 2017. Page two of Schedule CT-3 presents program revenues by month offset by expenses, and a calculation of the end of period net true-up for each month and the total for the year. Page three provides the monthly interest calculation. Pages four and five of Schedule CT-3 provide conservation account numbers for the 2017 calendar year.

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

1 A. The five pages of Schedule CT-4 show monthly capital investment,
2 depreciation and return for each conservation program.

3

4 **Q. Would you please discuss Schedule CT-5?**

5 A. Yes. Schedule CT-5 provides a brief summary report of each conservation
6 program that includes a program description, program accomplishments,
7 annual program expenditures, significant program cost variances versus
8 projections, and a program progress summary for the 2017 calendar year.

9

10 **Q. What is the purpose of Schedule CT-6?**

11 A. Schedule CT-6 is the capital structure and cost rates used to calculate the
12 return for each applicable conservation program.

13

14 **Q. What is the source of data used to calculate the true-up amount.**

15 A. The actual data used in calculating the actual true-up amounts is from DEF's
16 records, unless otherwise indicated. These records are kept in the regular
17 course of DEF's business in accordance with general accounting principles
18 and practices, provisions of the Uniform System of Accounts as prescribed
19 by the Federal Energy Regulatory Commission, and any accounting rules
20 and orders established by this Commission. Pursuant to Rule 25-17.015(3),
21 Florida Administrative Code, DEF provides a list of all account numbers
22 used for conservation cost recovery during the period January 2017 through
23 December 2017 on Schedule CT-3 pages 4 and 5.

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2 **Q. Does this conclude your direct testimony?**

3 A. Yes.

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DUKE ENERGY FLORIDA, LLC

ENERGY CONSERVATION ADJUSTED NET TRUE-UP
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

<u>LINE NO.</u>			
1	ACTUAL END OF PERIOD TRUE-UP (OVER) / UNDER RECOVERY		
2	BEGINNING BALANCE	(\$7,271,001)	
3	PRINCIPAL (CT 3, PAGE 2 of 5)	(5,846,317)	
4	INTEREST (CT 3, PAGE 3 of 5)	(48,229)	
5	PRIOR TRUE-UP REFUND	7,271,001	
6	ADJUSTMENTS	<u>0</u>	(\$5,894,546)
7	LESS: ESTIMATED TRUE-UP FROM AUGUST 2017		
8	PROJECTION FILING (OVER) / UNDER RECOVERY		
9	BEGINNING BALANCE	(\$7,271,001)	
10	PRINCIPAL	(3,037,838)	
11	INTEREST	(41,045)	
12	PRIOR TRUE-UP REFUND	7,271,001	
13	ADJUSTMENTS	<u>0</u>	<u>(\$3,078,883)</u>
14	VARIANCE TO PROJECTION		<u><u>(\$2,815,663)</u></u>

DUKE ENERGY FLORIDA, LLC

ANALYSIS OF ENERGY CONSERVATION PROGRAM COSTS
 ACTUAL VS. ESTIMATED
 FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM	ACTUAL	ESTIMATED	DIFFERENCE
1	DEPRECIATION AMORT. & RETURN	15,391,547	15,452,582	(61,035)
2	PAYROLL AND BENEFITS	12,214,197	13,122,971	(908,774)
3	MATERIALS AND SUPPLIES	392,132	683,467	(291,335)
4	OUTSIDE SERVICES	4,563,792	4,780,802	(217,010)
5	ADVERTISING	3,024,577	3,026,955	(2,378)
6	INCENTIVES	71,318,024	72,804,446	(1,486,422)
7	VEHICLES	270,248	269,092	1,156
8	OTHER	716,445	780,597	(64,152)
9	PROGRAM REVENUES	0	0	0
10	TOTAL PROGRAM COSTS	107,890,962	110,920,912	(3,029,950)
11	LESS:			
12	CONSERVATION CLAUSE REVENUES	106,466,279	106,687,749	(221,471)
13	PRIOR TRUE-UP	7,271,001	7,271,001	0
14	TRUE-UP BEFORE INTEREST	(5,846,317)	(3,037,838)	(2,808,479)
15	AUDIT & REV DECOUPLING ADJUSTMENT			
16	INTEREST PROVISION	(48,229)	(41,045)	(7,184)
17	END OF PERIOD TRUE-UP	(5,894,546)	(3,078,883)	(2,815,663)

() REFLECTS OVERRECOVERY

** Certain schedules may not foot/crossfoot due to rounding of decimals in files.

DUKE ENERGY FLORIDA, LLC

ACTUAL ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	16,749	2,450,849	104,941	625,811	181,756	969,697	640,766	97,806	5,088,375	0	5,088,375
2	RESIDENTIAL INCENTIVE PROGRAM	0	2,039,425	66,168	146,531	26,682	684,982	5,423,564	24,627	8,411,978	0	8,411,978
3	BUSINESS ENERGY CHECK	14,958	373,313	10,091	30,034	1,484	37,457	15,209	16,742	499,288	0	499,288
4	BETTER BUSINESS	0	987,383	8,568	82,547	4,466	65,288	2,201,829	20,873	3,370,955	0	3,370,955
5	TECHNOLOGY DEVELOPMENT	0	247,445	2,184	161,087	7,285	0	0	14,475	432,476	0	432,476
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	179,619	788	134,848	6,362	39,644	68,786	(4,096)	425,951	0	425,951
7	INTERRUPTIBLE SERVICE	16,140	190,141	8,719	5,119	6,080	0	30,925,653	(2,078)	31,149,773	0	31,149,773
8	CURTAILABLE SERVICE	0	60,982	0	0	73	0	2,077,261	0	2,138,316	0	2,138,316
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	15,321,899	1,850,052	52,900	2,290,189	88,589	1,124,164	23,410,667	56,991	44,195,450	0	44,195,450
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	111,513	263	1,134	3	29,915	151,033	9,666	303,527	0	303,527
11	STANDBY GENERATION	21,801	281,355	7,246	4,473	5,596	0	3,947,056	3,623	4,271,150	0	4,271,150
12	QUALIFYING FACILITY	0	1,000,250	3,619	6,362	39	0	0	20,503	1,030,774	0	1,030,774
13	NEIGHBORHOOD ENERGY SAVER	0	187,763	1,300	302,270	6,377	73,430	2,456,199	31,606	3,058,945	0	3,058,945
14	CONSERVATION PROGRAM ADMIN	0	2,254,108	3,461	773,387	57,341	0	0	425,708	3,514,004	0	3,514,004
15	TOTAL ALL PROGRAMS	15,391,547	12,214,197	270,248	4,563,792	392,132	3,024,577	71,318,024	716,445	107,890,962	0	107,890,962

DUKE ENERGY FLORIDA, LLC

VARIANCE IN ENERGY CONSERVATION PROGRAM COSTS
12 MONTHS ACTUAL vs. 12 MONTHS ESTIMATED

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	0	(101,648)	(9,388)	267,469	(46,221)	(208,791)	2,755	36,252	(59,572)	0	(59,572)
2	RESIDENTIAL INCENTIVE PROGRAM	0	(13,300)	12,335	13,636	(8,937)	(27,789)	(198,026)	(23,721)	(245,803)	0	(245,803)
3	BUSINESS ENERGY CHECK	0	(30,293)	(1,513)	2,985	858	3,140	(15,500)	(317)	(40,639)	0	(40,639)
4	BETTER BUSINESS	0	(110,857)	(2,450)	(3,033)	1,182	15,302	(450,445)	(3,089)	(553,390)	0	(553,390)
5	TECHNOLOGY DEVELOPMENT	0	(13,551)	(1,819)	60,694	(9,659)	0	0	(6,796)	28,868	0	28,868
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	57,334	(75)	(14,465)	5,501	12,775	(122,886)	(2,700)	(64,516)	0	(64,516)
7	INTERRUPTIBLE SERVICE	0	(558)	(1,101)	(25,008)	(117,102)	0	(317,105)	(9,367)	(470,241)	0	(470,241)
8	CURTAILABLE SERVICE	0	(13,838)	0	0	73	0	201,164	0	187,399	0	187,399
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	(56,267)	(120,692)	12,978	(337,296)	(54,307)	308,915	(488,439)	(10,170)	(745,280)	0	(745,280)
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	(5,386)	(171)	921	(1,997)	(585)	(24,197)	(1,430)	(32,846)	0	(32,846)
11	STANDBY GENERATION	(4,768)	(9,567)	18	(65,237)	(9,685)	0	(136,471)	(2,988)	(228,698)	0	(228,698)
12	QUALIFYING FACILITY	0	(39,567)	(1,033)	(13,521)	(788)	0	0	(13,312)	(68,221)	0	(68,221)
13	NEIGHBORHOOD ENERGY SAVER	0	(6,840)	1,094	32,369	(251)	(105,344)	62,729	19,524	3,281	0	3,281
14	CONSERVATION PROGRAM ADMIN	0	(500,009)	(7,719)	(136,525)	(50,000)	0	0	(46,038)	(740,291)	0	(740,291)
15	TOTAL ALL PROGRAMS	(61,035)	(908,774)	1,156	(217,010)	(291,335)	(2,378)	(1,486,422)	(64,152)	(3,029,950)	0	(3,029,950)

** Certain schedules may not foot/crossfoot due to rounding of decimals in files.

DUKE ENERGY FLORIDA, LLC

ESTIMATED ENERGY CONSERVATION PROGRAM COSTS PER PROGRAM
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM	DEPRECIATION AMORTIZATION & RETURN	PAYROLL & BENEFITS	VEHICLES	OUTSIDE SERVICES	MATERIALS & SUPPLIES	ADVERTISING	INCENTIVES	OTHER	SUB-TOTAL	PROGRAM REVENUES (CREDIT)	TOTAL
1	HOME ENERGY CHECK	16,749	2,552,497	114,328	358,342	227,978	1,178,488	638,012	61,554	5,147,947	0	5,147,947
2	RESIDENTIAL INCENTIVE PROGRAM	0	2,052,725	53,834	132,895	35,619	712,771	5,621,590	48,348	8,657,781	0	8,657,781
3	BUSINESS ENERGY CHECK	14,958	403,606	11,604	27,050	626	34,316	30,709	17,058	539,927	0	539,927
4	BETTER BUSINESS	0	1,098,240	11,019	85,580	3,284	49,987	2,652,274	23,961	3,924,345	0	3,924,345
5	TECHNOLOGY DEVELOPMENT	0	260,996	4,004	100,393	16,944	0	0	21,271	403,607	0	403,607
6	FLORIDA CUSTOM INCENTIVE PROGRAM	0	122,285	863	149,313	861	26,869	191,672	(1,396)	490,468	0	490,468
7	INTERRUPTIBLE SERVICE	16,140	190,699	9,820	30,127	123,182	0	31,242,758	7,289	31,620,014	0	31,620,014
8	CURTAILABLE SERVICE	0	74,820	0	0	0	0	1,876,097	0	1,950,917	0	1,950,917
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	15,378,166	1,970,744	39,922	2,627,485	142,896	815,249	23,899,106	67,161	44,940,730	0	44,940,730
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	0	116,900	433	214	2,000	30,500	175,230	11,096	336,373	0	336,373
11	STANDBY GENERATION	26,569	290,922	7,228	69,710	15,281	0	4,083,527	6,612	4,499,849	0	4,499,849
12	QUALIFYING FACILITY	0	1,039,817	4,652	19,883	827	0	0	33,815	1,098,995	0	1,098,995
13	NEIGHBORHOOD ENERGY SAVER	0	194,603	207	269,901	6,628	178,774	2,393,470	12,081	3,055,664	0	3,055,664
14	CONSERVATION PROGRAM ADMIN	0	2,754,118	11,179	909,912	107,341	0	0	471,746	4,254,296	0	4,254,296
15	TOTAL ALL PROGRAMS	15,452,582	13,122,971	269,092	4,780,802	683,467	3,026,955	72,804,446	780,597	110,920,912	0	110,920,912

DUKE ENERGY FLORIDA, LLC

ACTUAL CONSERVATION PROGRAM COSTS BY MONTH
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	PROGRAM TITLE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	HOME ENERGY CHECK	328,984	287,220	468,686	437,914	517,869	472,866	365,985	418,249	271,346	503,462	426,530	589,266	5,088,375
2	RESIDENTIAL INCENTIVE PROGRAM	642,396	626,978	705,129	637,761	897,436	841,779	688,642	766,938	526,993	720,197	626,866	730,864	8,411,978
3	BUSINESS ENERGY CHECK	40,566	41,625	49,105	39,253	37,261	48,146	33,781	36,301	25,325	39,679	40,073	68,171	499,288
4	BETTER BUSINESS	381,947	369,471	192,020	365,061	366,340	231,858	139,859	477,756	113,421	323,835	177,016	232,370	3,370,955
5	TECHNOLOGY DEVELOPMENT	12,998	24,086	25,370	22,107	25,266	27,469	39,103	34,529	17,916	32,734	32,892	138,005	432,476
6	FLORIDA CUSTOM INCENTIVE PROGRAM	56,068	24,746	5,596	60,996	36,292	97,492	31,288	32,355	15,392	17,883	19,279	28,564	425,951
7	INTERRUPTIBLE SERVICE	2,395,184	2,588,296	2,485,739	2,833,157	2,577,543	2,627,154	2,653,458	2,658,485	2,727,148	2,551,840	2,587,892	2,463,876	31,149,773
8	CURTAILABLE SERVICE	15,971	209,452	144,727	172,321	157,568	245,958	193,858	196,805	227,183	150,618	216,189	207,666	2,138,316
9	LOAD MANAGEMENT (RESIDENTIAL & COMMERCIAL)	3,540,311	3,750,930	3,415,139	3,189,192	3,515,568	3,709,312	3,840,532	3,839,253	3,763,209	3,679,392	4,151,620	3,800,993	44,195,450
10	LOW INCOME WEATHERIZATION ASSISTANCE PROGRAM	20,927	30,818	34,604	20,408	23,126	13,234	25,708	24,120	28,220	36,498	24,749	21,115	303,527
11	STANDBY GENERATION	387,862	343,881	405,657	346,367	335,691	332,687	375,819	338,192	337,340	332,163	402,994	332,496	4,271,150
12	QUALIFYING FACILITY	85,411	88,358	92,796	86,950	91,935	89,589	89,072	88,781	90,165	81,755	87,448	58,514	1,030,774
13	NEIGHBORHOOD ENERGY SAVER	294,934	254,625	233,500	196,387	243,681	285,870	249,305	283,568	199,386	251,542	431,464	134,683	3,058,945
14	CONSERVATION PROGRAM ADMIN	363,997	385,639	521,773	276,879	177,895	331,633	260,643	259,940	380,946	77,289	329,572	147,799	3,514,004
15	TOTAL ALL PROGRAMS	8,567,557	9,026,125	8,779,841	8,684,753	9,003,471	9,355,048	8,987,054	9,455,272	8,723,990	8,798,886	9,554,584	8,954,383	107,890,962
16	LESS: BASE RATE RECOVERY	0	0	0	0	0	0	0	0	0	0	0	0	0
17	NET RECOVERABLE (CT-3,PAGE 2)	8,567,557	9,026,125	8,779,841	8,684,753	9,003,471	9,355,048	8,987,054	9,455,272	8,723,990	8,798,886	9,554,584	8,954,383	107,890,962

DUKE ENERGY FLORIDA, LLC
ENERGY CONSERVATION ADJUSTMENT
CALCULATION OF TRUE-UP
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.		January	February	March	April	May	June	July	August	September	October	November	December	Total for The Period
1	Other Conservation Revenues	0	0	0	0	0	0	0	0	0	0	0	0	0
2	CONSERVATION CLAUSE REVENUES	7,275,880	7,574,080	7,179,699	8,001,792	8,953,691	9,776,981	10,540,266	10,632,305	10,602,129	9,362,634	8,754,937	7,811,885	106,466,279
3	TOTAL REVENUES	7,275,880	7,574,080	7,179,699	8,001,792	8,953,691	9,776,981	10,540,266	10,632,305	10,602,129	9,362,634	8,754,937	7,811,885	106,466,279
4	PRIOR PERIOD TRUE-UP OVER/(UNDER)	(7,271,001)	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	7,271,001
5	CONSERVATION REVENUES APPLICABLE TO PERIOD	7,881,796	8,179,997	7,785,616	8,607,708	9,559,608	10,382,898	11,146,183	11,238,221	11,208,045	9,968,551	9,360,853	8,417,802	113,737,279
6	CONSERVATION EXPENSES (CT-3,PAGE 1, LINE 37)	8,567,557	9,026,125	8,779,841	8,684,753	9,003,471	9,355,048	8,987,054	9,455,272	8,723,990	8,798,886	9,554,584	8,954,383	107,890,962
7	TRUE-UP THIS PERIOD (O)/U	685,760	846,128	994,225	77,044	(556,137)	(1,027,851)	(2,159,129)	(1,782,949)	(2,484,056)	(1,169,664)	193,730	536,581	(5,846,317)
8	CURRENT PERIOD INTEREST	(4,030)	(3,023)	(2,458)	(1,946)	(1,682)	(2,046)	(3,124)	(4,339)	(4,705)	(5,870)	(7,391)	(7,615)	(48,229)
9	ADJUSTMENTS PER AUDIT	0	0	0	0	0	0	0	0	0	0	0	0	0
10	TRUE-UP & INTEREST PROVISIONS BEGINNING OF PERIOD (O)/U	(7,271,001)	(5,983,354)	(4,534,332)	(2,936,648)	(2,255,634)	(2,207,536)	(2,631,516)	(4,187,852)	(5,369,224)	(7,252,068)	(7,821,685)	(7,029,429)	(7,271,001)
11	PRIOR TRUE-UP REFUNDED/ (COLLECTED)	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	605,917	7,271,001
12	END OF PERIOD NET TRUE-UP	(5,983,354)	(4,534,332)	(2,936,648)	(2,255,634)	(2,207,536)	(2,631,516)	(4,187,851.92)	(5,369,224)	(7,252,068)	(7,821,685)	(7,029,429)	(5,894,546)	(5,894,546)

DUKE ENERGY FLORIDA, LLC

CALCULATION OF INTEREST PROVISION
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	January	February	March	April	May	June	July	August	September	October	November	December	Total for The Period
1 BEGINNING TRUE-UP AMOUNT (CT-3,PAGE 2, LINE 9 & 10)	(7,271,001)	(5,983,354)	(4,534,332)	(2,936,648)	(2,255,634)	(2,207,536)	(2,631,516)	(4,187,852)	(5,369,224)	(7,252,068)	(7,821,685)	(7,029,429)	
2 ENDING TRUE-UP AMOUNT BEFORE INTEREST	(5,979,324)	(4,531,309)	(2,934,190)	(2,253,688)	(2,205,854)	(2,629,470)	(4,184,728)	(5,364,885)	(7,247,363)	(7,815,815)	(7,022,038)	(5,886,931)	
3 TOTAL BEGINNING & ENDING TRUE-UP	(13,250,325)	(10,514,663)	(7,468,522)	(5,190,336)	(4,461,487)	(4,837,006)	(6,816,244)	(9,552,737)	(12,616,586)	(15,067,883)	(14,843,723)	(12,916,361)	
4 AVERAGE TRUE-UP AMOUNT (50% OF LINE 3)	(6,625,162)	(5,257,331)	(3,734,261)	(2,595,168)	(2,230,744)	(2,418,503)	(3,408,122)	(4,776,368)	(6,308,293)	(7,533,941)	(7,421,862)	(6,458,180)	
5 INTEREST RATE: FIRST DAY REPORTING BUSINESS MONTH	0.72%	0.74%	0.64%	0.94%	0.86%	0.95%	1.08%	1.12%	1.06%	0.73%	1.14%	1.25%	
6 INTEREST RATE: FIRST DAY SUBSEQUENT BUSINESS MONTH	0.74%	0.64%	0.94%	0.86%	0.95%	1.08%	1.12%	1.06%	0.73%	1.14%	1.25%	1.58%	
7 TOTAL (LINE 5 AND LINE 6)	1.46%	1.38%	1.58%	1.80%	1.81%	2.03%	2.20%	2.18%	1.79%	1.87%	2.39%	2.83%	
8 AVERAGE INTEREST RATE (50% OF LINE 7)	0.73%	0.69%	0.79%	0.90%	0.91%	1.02%	1.10%	1.09%	0.90%	0.94%	1.20%	1.42%	
9 INTEREST PROVISION (LINE 4 * LINE 8) / 12	(4,030)	(3,023)	(2,458)	(1,946)	(1,682)	(2,046)	(3,124)	(4,339)	(4,705)	(5,870)	(7,391)	(7,615)	(48,229)

Duke Energy Florida, LLC
 Conservation Account Numbers
 For the Period January 2017 - December 2017

Line No.	Account	Product	Program Title
1	0908000	HEHC	Home Energy Check
1	0909000	HEHC	Home Energy Check (Advertising)
1	0403002	HEHC	Home Energy Check (Equipment Depreciation)
2	0908000	SSHEI	Residential Incentive Program
2	0909000	SSHEI	Residential Incentive Program (Advertising)
3	0908000	NRAOS	Business Energy Check
3	0909000	NRAOS	Business Energy Check (Advertising)
3	0403002	NRAOS	Business Energy Check (Equipment Depreciation)
4	0908000	NRBBUS	Better Business
4	0909000	NRBBUS	Better Business (Advertising)
4	0403002	NRBBUS	Better Business (Equipment Depreciation)
5	0908000	TECDEV	Technology Development
5	0908000	TECDEV	Technology Development (Energy Efficiency Research)
6	0908000	NRPRSC	Florida Custom Incentive
6	0909000	NRPRSC	Florida Custom Incentive (Advertising)
7	0908000	IRRSVC	Interruptible Service
7	0403002	IRRSVC	Interruptible Service (Equipment Depreciation)
8	0908000	PWRSHR	Curtable Service

Duke Energy Florida, LLC
 Conservation Account Numbers
 FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

Line No.	Account	Product	Program Title
9	0908000	PWRMGR	Energy Management - Residential
9	0908002	PWRMGR	Energy Management - Residential (Amortization of Load Mgmt Switches)
9	0909000	PWRMGR	Energy Management - Residential (Advertising)
9	0403002	PWRMGR	Energy Management - Residential (Equipment Depreciation)
9	0182398	PWRMGR	Other accounts included with Energy Management - Residential (Switch installation)
10	0908000	COMLM	Energy Management - Commercial
11	0908000	WZELEC	Low Income Weatherization Asst
11	0909000	WZELEC	Low Income Weatherization Asst (Advertising)
12	0908000	STBGEN	Standby Generation
12	0403002	STBGEN	Standby Generation (Equipment Depreciation)
13	0908000	PPCOGN	Qualifying Facility
13	0908000	PPCOGN	Qualifying Facility - COGEN contract maintenance
14	0908000	HWLI	Neighborhood Energy Saver
14	0909000	HWLI	Neighborhood Energy Saver (Advertising)
15	0908000	NOPROD	Conservation Program Admin
15	0909000	NOPROD	Conservation Program Admin (Advertising)

DUKE ENERGY FLORIDA, LLC

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1 ENERGY CONSERVATION ADMIN														
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	0
5														
6 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
7														
8 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 LESS: ACC. NET DEPR	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	0
12 RETURN ON AVG INVEST		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 INTERRUPTIBLE SERVICE														
19 INVESTMENTS		0	0	0	11,969	0	0	0	0	0	0	0	0	11,969
20 RETIREMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
21 DEPRECIATION BASE		51,869	51,869	51,869	51,869	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838
22														
23 DEPRECIATION EXPENSE		865	865	865	865	1,064	1,064	1,064	1,064	1,064	1,064	1,064	1,064	11,972
24														
25 CUMM. NET INVEST	51,869	51,869	51,869	51,869	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838	63,838
26 LESS: ACC. NET DEPR	11,786	12,651	13,516	14,381	15,246	16,310	17,374	18,438	19,502	20,566	21,630	22,694	23,758	23,758
27 NET INVESTMENT	40,083	39,218	38,353	37,488	48,592	47,528	46,464	45,400	44,336	43,272	42,208	41,144	40,080	40,080
28 AVERAGE INVESTMENT		39,651	38,786	37,921	43,040	48,060	46,996	45,932	44,868	43,804	42,740	41,676	40,612	40,612
29 RETURN ON AVG INVEST		223	217	213	242	270	264	257	251	245	239	233	227	2,881
30														
31 RETURN REQUIREMENTS		324	316	310	352	392	384	370	362	352	344	335	327	4,168
32														
33 PROGRAM TOTAL		1,189	1,181	1,175	1,217	1,456	1,448	1,434	1,426	1,416	1,408	1,399	1,391	16,140
34														
35 BUSINESS ENERGY CHECK														
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		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
39														
40 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
41														
42 CUMM. NET INVEST	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
43 LESS: ACC. NET DEPR	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
44 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
44 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	4,645
45 RETURN ON AVG INVEST		97	91	84	78	72	65	59	52	46	39	33	26	742
46														
47 RETURN REQUIREMENTS		141	132	122	113	105	95	85	75	66	56	47	37	1,074
48														
49 PROGRAM TOTAL		1,298	1,289	1,279	1,270	1,262	1,252	1,242	1,232	1,223	1,213	1,204	1,194	14,958

- Jan - Jun 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.
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 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

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1 HOME ENERGY CHECK														
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		82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	82,462	
5														
6 DEPRECIATION EXPENSE		982	982	982	982	982	982	982	982	982	982	982	982	11,784
7														
8 CUMM. NET INVEST	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
9 LESS: ACC. NET DEPR	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
10 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
11 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	
12 RETURN ON AVG INVEST		317	311	306	300	295	289	283	277	272	266	260	256	3,432
13														
14 RETURN REQUIREMENTS		461	452	445	436	429	420	407	399	391	383	374	368	4,965
15														
16 PROGRAM TOTAL		1,443	1,434	1,427	1,418	1,411	1,402	1,389	1,381	1,373	1,365	1,356	1,350	16,749
17														
18 RESIDENTIAL INCENTIVE PROGRAM														
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	0
22														
23 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
24														
25 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26 LESS: ACC. NET DEPR	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	0
29 RETURN ON AVG INVEST		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 LOAD MANAGEMENT SWITCHES														
36 INVESTMENTS		582,155	364,586	531,287	870,347	298,506	634,481	424,784	967,595	225,056	586,697	564,912	552,360	6,602,767
37 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
38 INVESTMENTS BOOKED TO CWIP		0	0	0	0	0	0	0	0	0	0	0	0	0
39 CLOSING TO PLANT		0	0	0	0	0	0	0	0	0	0	0	0	0
40 DEPRECIATION BASE		19,369,750	19,732,791	19,916,979	20,350,397	20,952,106	20,970,740	21,484,090	21,745,233	22,541,122	22,659,576	23,188,487	23,702,264	
41														
42 AMORTIZATION EXPENSE		322,836	328,886	331,956	339,180	349,209	349,519	358,075	362,428	375,693	377,667	386,483	395,046	4,276,978
43														
44 CUMM. NET INVEST	19,467,656	19,853,999	19,976,168	20,389,078	21,182,063	21,020,654	21,555,306	21,837,659	22,620,402	22,686,899	23,218,950	23,722,936	24,233,953	24,233,953
45 LESS: ACC. NET DEPR	4,824,562	4,951,586	5,038,056	5,251,635	5,513,452	5,402,746	5,652,436	5,868,080	6,045,656	6,262,790	6,585,810	6,911,367	7,265,070	7,265,070
46 CUMM. CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0
47 NET INVESTMENT	14,643,094	14,902,413	14,938,112	15,137,444	15,668,611	15,617,908	15,902,870	15,969,579	16,574,746	16,424,109	16,633,140	16,811,569	16,968,883	16,968,883
48 AVERAGE INVESTMENT		14,772,753	14,920,263	15,037,778	15,403,027	15,643,259	15,760,389	15,936,224	16,272,162	16,499,428	16,528,625	16,722,354	16,890,226	
49 RETURN ON AVG INVEST		82,961	83,790	84,449	86,501	87,849	88,507	89,168	91,047	92,319	92,483	93,566	94,506	1,067,146
50														
51 RETURN REQUIREMENTS		120,590	121,795	122,753	125,735	127,695	128,651	128,339	131,044	132,875	133,110	134,669	136,022	1,543,278
52														
53 PROGRAM TOTAL		443,426	450,681	454,709	464,915	476,904	478,170	486,414	493,472	508,568	510,777	521,152	531,068	5,820,256

- Jan - Jun 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.

- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 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

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1 TECHNOLOGY DEVELOPMENT														
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	0
5														
6 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
7														
8 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9 LESS: ACC. NET DEPR	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	0
12 RETURN ON AVG INVEST		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 STANDBY GENERATION														
19 INVESTMENTS		0	0	0	0	0	0	0	0	0	0	0	0	0
20 RETIREMENTS		83,251	0	0	0	0	0	0	0	0	0	0	0	83,251
21 DEPRECIATION BASE		133,000	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	
22														
23 DEPRECIATION EXPENSE		2,217	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	1,523	18,970
24														
25 CUMM. NET INVEST	174,625	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374	91,374
26 LESS: ACC. NET DEPR	135,793	54,759	56,282	57,805	59,328	60,851	62,374	63,897	65,420	66,943	68,466	69,989	71,512	71,512
27 NET INVESTMENT	38,832	36,615	35,092	33,569	32,046	30,523	29,000	27,477	25,954	24,431	22,908	21,385	19,862	19,862
28 AVERAGE INVESTMENT		37,724	35,854	34,331	32,808	31,285	29,762	28,239	26,716	25,193	23,670	22,147	20,624	
29 RETURN ON AVG INVEST		212	201	193	184	176	167	158	150	141	133	124	116	1,955
30														
31 RETURN REQUIREMENTS		308	292	280	268	256	243	228	216	203	191	179	167	2,831
32														
33 PROGRAM TOTAL		2,525	1,815	1,803	1,791	1,779	1,766	1,751	1,739	1,726	1,714	1,702	1,690	21,801
34														
35 BETTER BUSINESS														
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	0
39														
40 DEPRECIATION EXPENSE		0	0	0	0	0	0	0	0	0	0	0	0	0
41														
42 CUMM. NET INVEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0
43 LESS: ACC. NET DEPR	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	0
46 RETURN ON AVG INVEST		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

NOTE: - Jan - Jun 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.
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 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

SCHEDULE OF CAPITAL INVESTMENT, DEPRECIATION & RETURN
FOR THE PERIOD JANUARY 2017 THROUGH DECEMBER 2017

LINE NO.	BEGINNING BALANCE	January	February	March	April	May	June	July	August	September	October	November	December	TOTAL
1	RESIDENTIAL ENERGY MANAGEMENT - SMARTGRID AMI METERS (D)													
2	INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
3	RETIREMENTS	14,747	33,389	13,925	25,640	6,555	9,882	10,031	45,977	70,250	50,543	41,859	17,277	340,072
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	22,358,615	22,334,547	22,310,889	22,291,107	22,275,010	22,266,791	22,256,836	22,228,832	22,170,719	22,110,323	22,064,122	22,034,553	
7														
8	DEPRECIATION EXPENSE	111,234	111,114	110,997	110,898	110,818	110,777	110,728	110,588	110,299	109,999	109,769	109,622	1,326,843
9														
10	CUMM. NET INVEST	22,365,988	22,351,241	22,317,852	22,303,927	22,278,287	22,271,732	22,261,851	22,251,820	22,205,844	22,135,594	22,085,051	22,043,192	22,025,915
11	LESS: ACC. NET DEPR	5,031,190	5,127,677	5,205,402	5,302,474	5,387,732	5,491,996	5,592,891	5,693,588	5,758,200	5,798,249	5,857,705	5,925,616	6,017,960
12	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
13	NET INVESTMENT	17,334,798	17,223,564	17,112,450	17,001,453	16,890,555	16,779,737	16,668,960	16,558,232	16,447,644	16,337,345	16,227,346	16,117,577	16,007,955
14	AVERAGE INVESTMENT		17,279,181	17,168,007	17,056,951	16,946,004	16,835,146	16,724,348	16,613,596	16,502,938	16,392,494	16,282,345	16,172,461	16,062,766
15	RETURN ON AVG INVEST		97,036	96,412	95,788	95,165	94,542	93,921	92,958	92,338	91,721	91,105	90,490	89,876
16														1,121,352
17	RETURN REQUIREMENTS	141,049	140,142	139,235	138,329	137,424	136,521	133,794	132,902	132,014	131,127	130,242	129,358	1,622,137
18														
19	PROGRAM TOTAL	252,283	251,256	250,232	249,227	248,242	247,298	244,522	243,490	242,313	241,126	240,011	238,980	2,948,980
20														
21	RESIDENTIAL ENERGY MANAGEMENT - NON-SMARTGRID RESIDENTIAL PROJECTS (D)													
22	INVESTMENTS	0	0	0	0	0	0	0	0	0	0	0	0	0
23	RETIREMENTS	41,327	21,974	(20,864)	0	0	0	0	0	0	0	0	0	42,437
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	55,299	23,649	23,094	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526
27														
28	DEPRECIATION EXPENSE	922	394	385	559	559	559	559	559	559	559	559	559	6,732
29														
30	CUMM. NET INVEST	75,963	34,636	12,662	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526	33,526
31	LESS: ACC. NET DEPR	65,930	25,525	3,945	25,194	25,753	26,312	26,871	27,430	27,989	28,548	29,107	29,666	30,225
32	CWIP	0	0	0	0	0	0	0	0	0	0	0	0	0
33	NET INVESTMENT	10,033	9,111	8,717	8,332	7,773	7,214	6,655	6,096	5,537	4,978	4,419	3,860	3,301
34	AVERAGE INVESTMENT		9,572	8,914	8,525	8,053	7,494	6,935	6,376	5,817	5,258	4,699	4,140	3,581
35	RETURN ON AVG INVEST		54	50	48	46	42	39	36	33	30	26	23	20
36														447
37	RETURN REQUIREMENTS	78	73	70	67	61	57	52	47	43	37	33	29	647
38														
39	PROGRAM TOTAL	1,000	467	455	626	620	616	611	606	602	596	592	588	7,379

NOTE: - Jan - Jun 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.
- Jul - Dec return on average investment is calculated using an annual rate of 6.71% based on May 2017 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
Capital Structure and Cost Rates
January 2017 - December 2017**

Class of Capital	Retail		Cost Rate	Weighted Cost Rate	PreTax
	Amount	Ratio			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				1.87%	1.872%
Total Equity				4.87%	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 20120001-EI, 20120002-EI & 20120007-EI.

Class of Capital	Retail		Cost Rate	Weighted Cost Rate	PreTax
	Amount	Ratio			Weighted Cost Rate
CE	\$4,711,485,475	44.73%	0.10500	4.697%	7.646%
PS	3,931,532,102	37.33%	0.05290	1.975%	1.975%
LTD	102,874,989	0.98%	0.00210	0.002%	0.002%
STD	0	0.00%	0.00000	0.000%	0.000%
CD-Active	191,024,808	1.81%	0.02260	0.041%	0.041%
CD-Inactive	1,455,315	0.01%		0.000%	0.000%
ADIT	1,967,889	0.02%		0.000%	0.000%
FAS 109	1,772,932,910	16.83%		0.000%	0.000%
ITC	(180,390,549)	-1.71%		0.000%	0.000%
Total	\$10,532,882,939	100.00%		6.714%	9.664%
Total Debt				2.02%	2.018%
Total Equity				4.70%	7.646%

May 2017 DEF Surveillance Report capital structure and cost rates. See Stipulation & Settlement Agreement in Order No. PSC-12-0425-PAA-EU, Dockets 20120001-EI, 20120002-EI & 20120007-EI.

Program Description and Progress

Program Title: Home Energy Check Program

Program Description: The Home Energy Check Program is a residential energy audit program that provides 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 Duke Energy Florida, LLC (DEF) an opportunity to promote and directly install cost-effective measures in customer homes, and educate and encourage customers to implement energy-saving practices. The Home Energy Check Program is the foundation for other residential demand side management programs and offers the following types of energy audits:

- Type 1: Free Walk-Through (computer assisted)
- Type 2: Customer Online (Internet Option)
- Type 3: Customer Phone Assisted
- Type 4: Home Energy Rating (BERS/HERS) Audit

The Home Energy Check Program provides residential customers with energy efficiency tips and examples of easily installed energy efficiency measures. The program promotes continued customer involvement by demonstrating sustainable and measurable reductions in energy usage through the implementation of low cost energy efficiency measures and energy saving recommendations. Participants in the program may receive a residential Energy Efficiency Kit that contains energy saving measures that can be easily installed and utilized by the customer. Contents of this kit are evaluated periodically and may change over time.

Program Accomplishments - January 2017 - December 2017:

37,059 customers participated in the Home Energy Check Program.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$5,088,375.

Program Progress Summary:

911,605 participants have participated in the Home Energy Check Program since inception. DEF will continue to use this program to inform customers about cost-effective energy efficiency measures they can implement and incentives on home energy improvements for which they may be eligible.

Program Description and Progress

Program Title: Residential Incentive Program

Program Description: The Residential Incentive Program provides incentives to customers for energy efficiency improvements for both existing 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 Accomplishments - January 2017 - December 2017:

26,190 measures were implemented through this program resulting in a savings of 7.8 Summer MW's, 15.4 Winter MW's and 10.9 GWH's.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$8,411,978.

Program Progress Summary:

1,014,525 measures have been implemented through this program. This program will continue to be offered to residential customers to provide opportunities for improving the energy efficiency of existing and new homes.

Program Description and Progress

Program Title: Neighborhood Energy Saver Program

Program Description: DEF's Neighborhood Energy Saver program is designed to provide energy saving education and assistance to low income customers. This program targets neighborhoods that meet certain income eligibility requirements. DEF installs energy saving measures in approximately 4,500 homes and provides home energy reports to approximately 15,000 customers annually through this program. These home energy reports provide information about energy efficiency and remind customers about low cost energy saving measures.

Program Accomplishments - January 2017 - December, 2017:

Energy efficiency measures were installed on 4,653 homes and home energy reports were provided to 16,518 customers.

Program Fiscal Expenditures - January 2017 - December, 2017:

Expenses for this program were \$3,058,945.

Program Progress Summary:

Since program inception, DEF has installed energy efficiency measures on 33,516 homes and has provided 31,552 home energy reports to customers.

Program Description and Progress

Program Title: Low-Income Weatherization Assistance Program

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

Program Accomplishments - January 2017 - December 2017:
1,247 weatherization measures were installed on 320 residential homes.

Program Fiscal Expenditures - January 2017 - December 2017:
Expenses for this program were \$303,527.

Program Progress Summary:
24,393 measures have been implemented through this program. DEF participates in local, state-wide and national agency meetings to promote the delivery of this program. Meetings with weatherization and other low income agencies are conducted throughout DEF's territory to encourage customer participation in energy efficiency programs. This program was recently modified to align the eligibility with that of agencies who provide weatherization services. This change is intended to expand the network of agencies that DEF can partner with.

Program Description and Progress

Program Title: Residential/Commercial Energy Management Program

Program Description: The Residential/Commercial Energy Management Program is a voluntary demand response program that provides monthly bill credits to customers who allow DEF to reduce peak demand by controlling service to selected electric equipment through various devices and communication options installed on the customer's premises. These interruptions are at DEF's option, during specified time periods, and generally coincident with hours of peak demand. Residential customers must have a minimum average monthly usage of 600 kwh's to be eligible to participate in this program.

Program Accomplishments - January 2017 - December 2017:

9,561 residential customers were added to the program in 2017. The commercial program has been closed to new participants since July 2000.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for the residential/commercial energy management program were \$44,195,450.

Program Progress Summary:

There were 432,202 residential participants and 62 commercial participants at year-end 2017.

Program Description and Progress

Program Title: Business Energy Check Program

Program Description: The Business Energy Check Program is a commercial energy audit program that provides commercial customers with an analysis of their energy usage and information about energy-saving practices and cost-effective measures that they can implement at their facilities. The Business Energy Check Program serves as the foundation for the Better Business Program.

Program Accomplishments - January 2017 - December 2017:

640 commercial energy audits were completed in 2017.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$499,288.

Program Progress Summary:

42,194 non-residential customers have participated in the Business Energy Check Program since inception. This program continues to educate and inform commercial customers about cost-effective energy efficiency improvements.

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, ceiling and roof insulation upgrades, duct leakage and repair, demand-control ventilation, cool roof coating, high efficiency energy recovery ventilation and HVAC optimization qualifying measures.

Program Accomplishments - January 2017 - December 2017:

Incentives were provided to customers for 635 commercial energy efficiency measures through this program in 2017.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$3,370,955.

Program Progress Summary:

Incentives have been provided to customers for 20,964 commercial energy efficiency measures through this program since inception.

Program Description and Progress

Program Title: Florida Custom Incentive Program

Program Description: The Florida Custom Incentive Program is designed to encourage commercial and industrial customers to make capital investments for energy efficiency measures which reduce peak demand and provide energy savings. This program provides incentives for individual custom projects which are cost effective, but not otherwise addressed through DEF's prescriptive incentive 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 Accomplishments - January 2017 - December 2017:

Incentives were provided to 4 customers who participated in this program in 2017.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$425,951.

Program Progress Summary:

217 projects have received incentives through this program since inception. This program continues to target customer specific energy efficiency measures not covered through DEF's prescriptive commercial programs.

Program Description and Progress

Program Title: Standby Generation

Program Description: The Standby Generation Program is a demand control program that allows DEF to reduce system demand by dispatching the customer's stand-by generator. This is a voluntary program available to commercial and industrial customers who have on-site generation capability.

Program Accomplishments - January 2017 - December 2017:
DEF added 28 customers to this program in 2017.

Program Fiscal Expenditures - January 2017 - December 2017:
Expenses for this program were \$4,271,150.

Program Progress Summary:
There were 168 participants at year-end 2017 providing 77 MW's of load control.

Program Description and Progress

Program Title: Interruptible Service Program

Program Description: The Interruptible Service Program is a direct load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

Program Accomplishments - January 2017 - December 2017:

3 accounts were added to the program.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$31,149,773.

Program Progress Summary:

71 customers currently participate in this program providing 313 winter MW's and 295 summer MW's of load control.

Program Description and Progress

Program Title: Curtailable Service Program

Program Description: The Curtailable Service Program is an indirect load control program that reduces DEF's system demand at times of capacity shortage during peak or emergency conditions.

Program Accomplishments - January 2017 - December 2017:

No accounts were added to this program.

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$2,138,316.

Program Progress Summary:

There were 2 customers and 4 accounts participating in this program in 2017 providing 8.2 MWs of load control.

Program Description and Progress

Program Title: Technology Development

Program Description: The Technology Development Program is designed to allow DEF to investigate technologies that support the development of new demand response and energy efficiency programs. This program includes, but is not limited to, technological research, field demonstration projects, research on load behavior and demand-side management measures and other market related research.

Program Accomplishments - January 2017 - December 2017:

Several research and development projects continued and/or launched in 2017.

- Continued a project for appliance energy efficiency and demand response using the CTA-2045 modular communications interface including field pilot projects for CTA-2045-enabled retrofit water heater switches, resistance and heat-pump water heaters, pool pumps, HVAC thermostats and electric vehicle chargers (EVSE). The purpose of the project is to understand the potential to utilize the CTA-2045 device to support load management programs. DEF plans to continue to collect and analyze field pilot data for design of potential cost-effective demand response programs.
- Continued to collaborate with the University of South Florida on a project for commercial building energy efficiency and demand response utilizing control systems that interface with existing customer building management systems. Data collection will be completed and a final report for this project will be produced in 2018.
- Continued demonstration of technologies that utilize Variable Speed Heat Pumps with the potential of eliminating strip heat as a back-up heat source for heat pumps. Significant improvements in energy efficiency have been documented at these sites. Winter data from 2017 showed good performance and these systems have been monitored through February 2018 to further document winter performance.
- Continued the Renewable SEEDS project. This project consists of two sites with PV systems integrated with energy storage. Both of these sites have demonstrated smoothing, energy shifting and demand response capabilities. These sites were maintained throughout 2017, but this project will be brought to a close during 2018 and a final report summarizing the results will be issued.
- Renewed the Solar PV project for data collection to document customer solar resources with a focus on larger PV arrays with and without energy storage.
- Continued participation in an EPRI project to study the potential of using customer demand response to provide benefits to compensate for variable loads and intermittent renewable generation resources.
- Completed a project to improve the efficacy of commercial energy audits through analysis of available customer data to identify candidates that are likely to benefit from energy efficiency measures. Although the results of the pilot validated the ability of the tool to identify energy efficiency opportunities, the pilot also identified issues related to customer acceptance and willingness to participate that would need to be considered in any potential future program offerings.
- Continued the Energy Management Circuit Breaker Project. This project will continue to explore the potential for developing a program for customer circuit breakers that includes communication, metering, and remote operation for potential applications including energy efficiency, demand response, and integration of distributed energy resources. A field pilot program has been installed and operational data is being collected from appliances in 10 customer homes. This data will be used to document the operation of these breakers and assess the cost-effectiveness for potential EE and DR programs.
- Partnered with EPRI on a project to assess the demand response opportunities for new and existing variable capacity heat pump systems in support of potential future load management programs.
- Partnered with EPRI and other research organizations to evaluate energy efficiency, energy storage, and alternative energy / innovative technologies.

Program Description and Progress

Program Fiscal Expenditures - January 2017 - December 2017:

Expenses for this program were \$432,476.

Program Progress Summary:

DEF continued to focus on researching and testing new technologies which have the potential to provide new programs and create new customer offerings.

Program Description and Progress

Program Title: Qualifying Facility

Program Description: The purpose of this program is to meet the objectives and obligations established by Section 366.051, Florida Statutes, and the Commission's rules contained within Chapter 25-17, Florida Administrative Code, regarding the purchase of as-available energy and firm energy and capacity from Qualifying Facilities (QFs), including those that utilize renewable sources as defined in Section 366.91, Florida Statutes, pursuant to an as-available tariff, standard offer contract, or negotiated contracts.

Under the QF program, DEF facilitates and administers the power purchases from qualifying facilities and state jurisdictional interconnections. This Program develops standard offer contracts, negotiates, enters into, amends and restructures non-firm energy, and firm energy and capacity contracts entered into with qualifying cogeneration, small power producers, and renewable facilities.

Program Accomplishments - January, 2017 - December, 2017:

Avoided cost and interconnection service activity with renewable and distributed resource (DR) developers steadily increased in 2017. DEF provided QF, renewable, or DR related information to many interested parties who are exploring distributed generation options in Florida. Numerous calls and meetings were held with parties interested in the advancement of these distributed resource technologies, their markets and pricing changes. DEF continued evolving its analytics and business processes that are required to support good faith QF purchased power negotiations and interconnection service.

Meetings were held with current QFs to discuss extending existing purchase agreements. The contracts under development are monitored for construction milestones, financing status, permitting, transmission studies and agreements, insurance and performance security.

DEF successfully administered all existing QF purchased power contracts that are in-service for contractual compliance and added one additional QF on the non-firm as-available Tariff. The state jurisdictional QF interconnection activity was managed by completing 56 new pre-application interconnection requests and 65 MW of new interconnection studies to the state queue throughout 2017. The QF purchased power contracts produced more than 3.2 Million-MWhs for DEF customers during 2017. On December 29, 2017, DEF filed a petition for approval to terminate a QF PPA Agreement with Florida Power Development, LLC under Docket No. 20170274-EQ which is estimated to save customers between \$38 million and \$59 million in net present value. During the April 20, 2018 Agenda Conference, the Commission approved termination of the PPA.

Program Fiscal Expenditures - January, 2017 - December, 2017:

Expenses for this program were \$1,030,774.

Program Progress Summary:

As of December 31, 2017, DEF administered total firm capacity contracts from in-service QFs of approximately 511 MW and five As-Available energy contracts with active deliveries to DEF; There are 60 MW of firm capacity and a placeholder of 250 MW of executed As-Available energy contracts under development for future service. In addition, as of December 31, 2017, there were a total of 3,571 MW of potential QF pre-application requests completed for state jurisdictional interconnection service, a total of 199.9 MW's of potential QF state jurisdictional interconnection requests in process, and over 4,200 MW of potential QF FERC jurisdictional interconnection requests in the FERC interconnection queue under study.