



(Writer's direct dial number – 727-820-5128)

Lori Cross, Director Regulatory Strategy

February 29, 2016

Mr. Tom Ballinger
Division of Electric and Gas
Florida Public Service Commission
Capital Circle Office Center
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Duke Energy DSM Annual Report for Calendar Year 2015 undocketed

Dear Mr. Ballinger:

In accordance with Rule 25-17.0021(5), Florida Administrative Code, enclosed please find the Duke Energy Florida, LLC, Demand-Side Management Annual Report for the year 2015.

If you have any questions about this report, please call me at (727) 820-5128.

Sincerely,

A handwritten signature in blue ink that reads 'Lori Cross'.

Lori Cross, Director Regulatory Strategy
Duke Energy Florida

cc: D. Triplett
J. Burnett
M. Bernier
T. Duff
A. Tibbetts

DUKE ENERGY FLORIDA, LLC.

SUMMARY OF 2015 DEMAND SIDE MANAGEMENT ACHIEVEMENTS

The Commission Approved Goals for 2015-2024 presented in the “Comparison of Cumulative Achieved MW & GWH Reductions with Public Service Commission Established Goals” represent DEF’s annual DSM forecasted goals as established by the Commission in Order PSC-14-0696-FOF-EU.

The Total Achievements represent the actual MW and GWH savings achieved in 2015. The achievements are based on the programs and the measures included in the DSM Plan that was approved by the Commission in Docket 100160-EG on August 16, 2011.

The 2015 DSM Plan was approved by the Commission (Docket 150083, PSC 15-0332-PAA-EG) on August 20, 2015 and the supporting Participation Standards were administratively approved on October 29, 2015. All of the changes to the supporting systems and processes necessary to support the 2015 Program Plan have been implemented and will be reflected in the 2016 achievements.

As depicted in the Table, DEF exceeded its annual wKW, sKW and GWH goals in 2015 on a consolidated basis. The value of the demand and energy savings to DEF’s customers is unrelated to whether the savings come from the residential or commercial sector.

The residential wKW and sKW achievements fell short of the residential goals due primarily to lower than projected participation in the Residential Load Management program. However, the savings from the Commercial sector more than made up for the residential shortfall.

The Company continues to promote and market its DSM programs to customers through various channels including direct mail, e-mail, bill inserts, and radio and television advertising.

DUKE ENERGY FLORIDA

2015

**COMPARISON OF CUMULATIVE ACHIEVED MW & GWH REDUCTIONS at the Generator
PUBLIC SERVICE COMMISSION ESTABLISHED GOALS ORDER PSC-14-0696-FOF-EU**

RESIDENTIAL									
YEAR	WINTER PEAK MW REDUCTION COMMISSION			SUMMER PEAK MW REDUCTION COMMISSION			GWH ENERGY REDUCTION COMMISSION		
	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE
2015	41	58	-29%	25	26	-4%	39	26	55%
2016		112			50			49	
2017		160			73			70	
2018		203			93			87	
2019		241			110			100	
2020		273			126			109	
2021		301			140			116	
2022		325			152			119	
2023		348			163			121	
2024		369			174			123	

COMMERCIAL / INDUSTRIAL									
YEAR	WINTER PEAK MW REDUCTION COMMISSION			SUMMER PEAK MW REDUCTION COMMISSION			GWH ENERGY REDUCTION COMMISSION		
	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE
2015	28	5	411%	35	12	191%	36	15	150%
2016		11			24			28	
2017		16			35			40	
2018		22			45			50	
2019		27			54			58	
2020		32			62			64	
2021		37			69			68	
2022		41			75			70	
2023		46			80			72	
2024		51			85			72	

Total									
YEAR	WINTER PEAK MW REDUCTION COMMISSION			SUMMER PEAK MW REDUCTION COMMISSION			GWH ENERGY REDUCTION COMMISSION		
	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE	TOTAL ACHIEVED**	APPROVED GOAL*	% VARIANCE
2015	69	64	8%	60	38	57%	76	40	89%
2016		122			74			77	
2017		177			107			110	
2018		225			137			137	
2019		267			164			158	
2020		305			188			173	
2021		337			208			183	
2022		367			227			190	
2023		394			243			193	
2024		419			259			195	

*2015-2024 Goals are based on ORDER NO. PSC-14-0696-FOF-EU issued December 16, 2014
Figures are rounded to the nearest whole number and are at the Generator

**DUKE ENERGY FLORIDA
2015
COMPARISON OF ANNUAL ACHIEVED MW & GWH REDUCTIONS BASED ON PSC-14-0696-FOF-EU
WITH PUBLIC SERVICE COMMISSION ESTABLISHED ANNUAL GOALS***

RESIDENTIAL									
YEAR	WINTER PEAK MW REDUCTION COMMISSION			SUMMER PEAK MW REDUCTION COMMISSION			GWH ENERGY REDUCTION COMMISSION		
	TOTAL	APPROVED	%	TOTAL	APPROVED	%	TOTAL	APPROVED	%
	ACHIEVED	GOAL*	VARIANCE	ACHIEVED	GOAL*	VARIANCE	ACHIEVED	GOAL*	VARIANCE
2015	41	58	-29%	25	26	-4%	39	26	55%
2016		53			24			24	
2017		49			22			21	
2018		43			20			17	
2019		38			18			13	
2020		32			16			9	
2021		28			14			6	
2022		25			12			4	
2023		22			11			2	
2024		21			11			1	

COMMERCIAL / INDUSTRIAL*									
YEAR	WINTER PEAK MW REDUCTION COMMISSION			SUMMER PEAK MW REDUCTION COMMISSION			GWH ENERGY REDUCTION COMMISSION		
	TOTAL	APPROVED	%	TOTAL	APPROVED	%	TOTAL	APPROVED	%
	ACHIEVED	GOAL*	VARIANCE	ACHIEVED	GOAL*	VARIANCE	ACHIEVED	GOAL*	VARIANCE
2015	28	5	411%	35	12	191%	36	15	150%
2016		5			12			14	
2017		6			11			12	
2018		5			10			10	
2019		5			9			8	
2020		5			8			6	
2021		5			7			4	
2022		5			6			2	
2023		5			6			1	
2024		5			5			1	

Total*									
YEAR	WINTER PEAK MW REDUCTION COMMISSION			SUMMER PEAK MW REDUCTION COMMISSION			GWH ENERGY REDUCTION COMMISSION		
	TOTAL	APPROVED	%	TOTAL	APPROVED	%	TOTAL	APPROVED	%
	ACHIEVED	GOAL*	VARIANCE	ACHIEVED	GOAL*	VARIANCE	ACHIEVED	GOAL*	VARIANCE
2015	69	64	8%	60	38	57%	76	40	89%
2016		59			36			37	
2017		54			33			33	
2018		48			30			27	
2019		43			27			21	
2020		37			24			15	
2021		33			21			10	
2022		29			18			6	
2023		27			17			4	
2024		25			16			2	

*2015-2024 Goals are based on ORDER NO. PSC-14-0696-FOF-EU issued December 16, 2014
Figures are rounded to the nearest whole number and are at the Generator

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Home Energy Check
 Program Start Date: 1991
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	1,456,095	35,706	2%	30,901	30,901	2%	-4,805
2016	1,544,620	1,475,736	70,222	5%				
2017	1,568,452	1,498,230	102,589	7%				
2018	1,591,324	1,524,441	132,240	9%				
2019	1,612,908	1,550,890	159,041	10%				
2020	1,634,061	1,577,609	183,222	12%				
2021	1,654,509	1,603,523	205,252	13%				
2022	1,674,417	1,628,202	225,672	14%				
2023	1,693,168	1,650,717	244,991	15%				
2024	1,711,369	1,671,630	244,991	15%				

b Total Number of Customers is the forecast of residential customers in DEF's 2014 Ten Year Site Plan.

d Projected participants represents the cumulative number customers that DEF expects to participate in this program.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	0.083	0.087	2,566	2,697
Winter kW Reduction	0.063	0.066	1,947	2,046
Annual kWh Reduction	165	174	5,103,563	5,363,139

Utility Cost per Installation: \$104
 Total Program Cost of the Utility (\$000): \$3,203
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Home Energy Improvement
 Program Start Date: 1996 with modifications approved in 2006 and 2015
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	1,520,916	19,806	1%	53,179	53,179	3%	33,373
2016	1,544,620	1,544,620	37,827	2%				
2017	1,568,452	1,568,452	53,529	3%				
2018	1,591,324	1,591,324	66,300	4%				
2019	1,612,908	1,612,908	75,994	5%				
2020	1,634,061	1,634,061	82,864	5%				
2021	1,654,509	1,654,509	87,409	5%				
2022	1,674,417	1,674,417	90,216	5%				
2023	1,693,168	1,693,168	91,834	5%				
2024	1,711,369	1,711,369	92,705	5%				

b Total Number of Customers is the forecast of residential customers in DEF's 2014 Ten Year Site Plan.

d Number of program participants represents the number of individual measure participants projected in a given year.

g Program participants represents the cumulative measure installations from all measures included in this program. Customers can install multiple measures per account which may result in actual participants being larger than the projected participants.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	0.26	0.28	13,961	14,671
Winter kW Reduction	0.46	0.49	24,649	25,902
Annual kWh Reduction	452	475	24,039,205	25,261,880

Utility Cost per Installation: \$155
 Total Program Cost of the Utility (\$000): \$8,232
 Net Benefits of Measures Installed During Reporting Period (\$000): \$2,228

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Low Income Weatherization Assistance
 Program Start Date: May 2000 with modifications approved in 2005 & 2015
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program/Measure Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program/Measure Participants	Actual Cumulative Number of Program/Measure Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	416,016	500	0%	337	337	0%	-163
2016	1,544,620	423,836	1,000	0%				
2017	1,568,452	432,323	1,500	0%				
2018	1,591,324	440,980	2,000	0%				
2019	1,612,908	449,809	2,500	1%				
2020	1,634,061	458,815	3,000	1%				
2021	1,654,509	468,002	3,500	1%				
2022	1,674,417	477,372	4,000	1%				
2023	1,693,168	486,929	4,500	1%				
2024	1,711,369	496,678	5,000	1%				

b Total Number of Customers is the forecast of residential customers in DEF's 2014 Ten Year Site Plan

c Total number of Eligible Program/Measure Participants represents the count of homes in DEF service territory that are at or below program qualifying income levels based on the 2010 US Census block data with a 2% growth rate per year.

d Number of participants represents the eligible customers that DEF expects to reach via partnership with State agencies

g Program participants represents the actual number of homes that participated in the program. Generally, multiple measures are installed at a home.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	0.68	0.72	230	241
Winter kW Reduction	1.17	1.22	393	413
Annual kWh Reduction	1,050	1,103	353,730	371,721

Utility Cost per Installation: \$676
 Total Program Cost of the Utility (\$000): \$228
 Net Benefits of Measures Installed During Reporting Period (\$000): \$18

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Neighborhood Energy Saver
 Program Start Date: 2007 with modifications approved in 2015
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	416,016	19,500	5%	3,420	3,420	1%	-16,080
2016	1,544,620	419,836	39,000	9%				
2017	1,568,452	428,323	58,500	14%				
2018	1,591,324	436,980	78,000	18%				
2019	1,612,908	445,809	97,500	22%				
2020	1,634,061	454,815	102,000	22%				
2021	1,654,509	464,002	106,500	23%				
2022	1,674,417	473,372	111,000	23%				
2023	1,693,168	782,929	115,500	15%				
2024	1,711,369	492,678	120,000	24%				

b Total Number of Customers is the forecast of residential customers from DEF's 2014 Ten Year Site Plan.

c Eligible customers represents the customers meeting the income eligibility requirements for the program.

i. The actual participants were less than projected due to the fact the projection anticipated sending a home energy report to 15,000 participants in 2015.

The home energy reports were not provided in 2015 as the DSM Plan was not approved until 10/29/2015.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	0.32	0.34	1,107	1,164
Winter kW Reduction	0.39	0.40	1,317	1,384
Annual kWh Reduction	1,051	1,105	3,595,886	3,778,779

Utility Cost per Installation: \$443
 Total Program Cost of the Utility (\$000): \$1,514
 Net Benefits of Measures Installed During Reporting Period (\$000): \$22

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Solar Water Heat with EM
 Program Start Date: 2011
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	1,257,901	300	0.0%	295	295	0%	-5

b Total Number of Customers is the forecast of all residential customers from the DEF's 2014 Ten Year Site Plan.

d Per FPSC direction, this program will end after 2015.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1.11	1.17	327	344
Winter kW Reduction	2.14	2.25	631	663
Annual kWh Reduction	1,715	1,802	505,863	531,592

Utility Cost per Installation: \$643
 Total Program Cost of the Utility (\$000): \$190
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Solar Water Heat Low Income
 Program Start Date: 2011
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	740	30	4.05%	25	25	3%	-5

b Total Number of Customers is the forecast of all residential customers from the DEF's 2014 Ten Year Site Plan.

d Per FPSC direction, this program will end after 2015.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	0.31	0.32	8	8
Winter kW Reduction	0.34	0.35	8	9
Annual kWh Reduction	1,953	2,052	48,826	51,309

Utility Cost per Installation: \$4,511
 Total Program Cost of the Utility (\$000): \$113
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Residential Solar PV
 Program Start Date: 2011
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	1,520,454	160	0.01%	154	154	0%	-6

b Total Number of Customers is the forecast of all residential customers from the DEF's 2014 Ten Year Site Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	2.77	2.91	426	448
Winter kW Reduction	0.00	0.00	0	0
Annual kWh Reduction	14,433	15,168	2,222,758	2,335,811

Utility Cost per Installation: \$18,154
 Total Program Cost of the Utility (\$000): \$2,796
 Net Benefits of Measures Installed During Reporting Period (\$000): \$0

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Residential Energy Management
 Program Start Date: January 1981 , revision approved May 2000, 2nd revision approved 2006, 3rd revision approved 2015
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	1,520,916	971,698	10,000	1.03%	5,025	5,025	1%	-4,975
2016	1,544,620	986,842	18,700	1.89%				
2017	1,568,452	1,002,068	27,400	2.73%				
2018	1,591,324	1,016,681	36,100	3.55%				
2019	1,612,908	1,030,471	44,800	4.35%				
2020	1,634,061	1,043,985	53,500	5.12%				
2021	1,654,509	1,057,049	62,200	5.88%				
2022	1,674,417	1,069,768	70,900	6.63%				
2023	1,693,168	1,081,748	79,600	7.36%				
2024	1,711,369	1,093,377	88,300	8.08%				

b Total Number of Customers is based on DEF's 2014 Ten Year Site Plan.

f Annual Number of Program Participants represents annual new additions to the program.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1.09	1.15	5,477	5,756
Winter kW Reduction	2.09	2.20	10,502	11,036
Annual kWh Reduction	19	20	93,968	98,747

Utility Cost per Installation: * \$94
 Total Program Cost of the Utility (\$000):** \$39,010
 Net Benefits of Measures Installed During Reporting Period (\$000): \$7,215

***Utility cost per Installation is based on the total, cumulative number of year-end participants.**

****Utility program costs for this program include incentives paid to eligible participants.**

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Business Energy Check
 Program Start Date: 1991
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	167,335	2,500	1%	1,486	1,486	1%	-1,014
2016	174,479	169,449	4,347	3%				
2017	177,027	172,680	6,027	3%				
2018	179,468	175,940	7,507	4%				
2019	181,752	178,592	8,822	5%				
2020	183,977	181,182	9,863	5%				
2021	186,117	183,761	10,550	6%				
2022	188,190	186,462	10,970	6%				
2023	190,125	189,018	11,220	6%				
2024	191,987	191,317	11,376	6%				

b Total Number of Customers is the forecast of all commercial/industrial customers in DEF's 2014 Ten Year Sit Plan.

d Number of program participants represents the participants projected.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	0.14	0.15	206	216
Winter kW Reduction	0.14	0.15	206	216
Annual kWh Reduction	297	312	441,504	463,960

Utility Cost per Installation: \$422
 Total Program Cost of the Utility (\$000): \$628
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Better Business
 Program Start Date: April 1996 with modifications approved in 2006 and 2015
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	171,935	2,089	1.21%	1,030	1,030	1%	-1,059
2016	174,479	174,479	3,878	2.22%				
2017	177,027	177,027	5,437	3.07%				
2018	179,468	179,468	6,705	3.74%				
2019	181,752	181,752	7,668	4.22%				
2020	183,977	183,977	8,350	4.54%				
2021	186,117	186,117	8,801	4.73%				
2022	188,190	188,190	9,080	4.82%				
2023	190,125	190,125	9,241	4.86%				
2024	191,987	191,987	9,327	4.86%				

b Total Number of Customers is the forecast of all commercial/industrial customers in DEF's 2014 Ten Year Site Plan.

d Number of Program Measure Participants represents the participants projected.

g Program participants represents the cumulative measure installations from all measures included in this program.

Customers can install multiple measures per account which may result in actual participants being larger than the projected participants.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	10.10	10.61	10,404	10,933
Winter kW Reduction	3.73	3.92	3,837	4,032
Annual kWh Reduction	31,178	32,764	32,113,381	33,746,722

Utility Cost per Installation: \$2,563
 Total Program Cost of the Utility (\$000): \$2,640
 Net Benefits of Measures Installed During Reporting Period (\$000): \$1,022

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Florida Custom Incentive Program (formerly Innovative Incentive)
 Program Start Date: 1991
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	171,935	10	0.01%	7	7	0%	-3
2016	174,479	174,479	47	0.03%				
2017	177,027	177,027	82	0.05%				
2018	179,468	179,468	115	0.06%				
2019	181,752	181,752	146	0.08%				
2020	183,977	183,977	174	0.09%				
2021	186,117	186,117	199	0.11%				
2022	188,190	188,190	229	0.12%				
2023	190,125	190,125	254	0.13%				
2024	191,987	191,987	274	0.14%				

b Total Number of Customers is the forecast of all commercial/industrial customers in DEF's 2014 Ten Year Site Plan

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	10.0	10.5	70	73
Winter kW Reduction	3.3	3.5	23	24
Annual kWh Reduction	18,475.1	19,414.8	129,326	135,904

Utility Cost per Installation: \$8,261
 Total Program Cost of the Utility (\$000): \$58
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Commercial Solar PV
 Program Start Date: 2011
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	42,984	19	0.04%	21	21	0%	2

b Total Number of Customers is the forecast of all commercial/industrial customers from the DEF's 2014 Ten Year Site Plan.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	13.64	14.34	286	301
Winter kW Reduction	0.00	0.00	0	0
Annual kWh Reduction	71,190	74,811	1,494,996	1,571,034

Utility Cost per Installation: \$67,686
 Total Program Cost of the Utility (\$000): \$1,421
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Photovoltaic for Schools Pilot
 Program Start Date: 2011
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	65	9	13.85%	8	8	12%	-1

b Total Number of Customers is the forecast of all residential customers, from the April 2010 Forecast.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	3.44	3.62	28	29
Winter kW Reduction	0.00	0.00	0	0
Annual kWh Reduction	17,924	18,836	143,391	150,684

Utility Cost per Installation: \$125,425
 Total Program Cost of the Utility (\$000): \$1,003
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Commercial Energy Management
 Program Start Date: April 1996 - (Closed to new participants effective May 2000)
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	0	0	0%	0	0	0%	0
2016	174,479							
2017	177,027							
2018	179,468							
2019	181,752							
2020	183,977							
2021	186,117							
2022	188,190							
2023	190,125							
2024	191,987							

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: \$8,724
 Total Program Cost of the Utility (\$000): * \$550
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

****total customer accounts participating in this program is 63***

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Interruptible Service
 Program Start Date: November 1992 - (Rate Schedule IS-1 is closed to new customers, and IS-2 became effective June 1996.)
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	464	1	0.2%	2	2	0%	1
2016	174,479	472	2	0.4%				
2017	177,027	479	3	0.6%				
2018	179,468	485	4	0.8%				
2019	181,752	491	5	1.0%				
2020	183,977	497	6	1.2%				
2021	186,117	503	7	1.4%				
2022	188,190	509	8	1.6%				
2023	190,125	514	9	1.8%				
2024	191,987	519	10	1.9%				

b Total Number of Customers is based on DEF's 2014 Ten Year Site Plan

f Annual Number of Program Participants represents annual new additions to the program.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	1,309.0	1,375.6	2,618	2,751.2
Winter kW Reduction	1,309.0	1,375.6	2,618	2,751.2
Annual kWh Reduction	10,472.0	11,004.6	20,944	22,009.2

Utility Cost per Installation: * \$234,613
 Total Program Cost of the Utility (\$000): ** \$31,438
 Net Benefits of Measures Installed During Reporting Period (\$000): \$2,371

*** Utility cost per Installation is based on the total, cumulative number of year-end participants.**

**** Utility program costs for this program include incentives paid to eligible participants.**

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Standby Generation
 Program Start Date: April 1993 with revisions approved 2006 & 2015
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants	Actual Cumulative Number of Program Participants	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	549	10	1.82%	25	25	5%	15
2016	174,479	557	20	3.59%				
2017	177,027	566	30	5.30%				
2018	179,468	574	40	6.97%				
2019	181,752	581	50	8.61%				
2020	183,977	592	60	10.14%				
2021	186,117	596	70	11.74%				
2022	188,190	602	80	13.29%				
2023	190,125	608	90	14.80%				
2024	191,987	614	100	16.29%				

b Total Number of Customers is the based on DEF's 2014 Ten Year Site Plan

f Annual Number of Program Participants represents annual new additions to the program.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	783	823	19,571	20,566
Winter kW Reduction	783	823	19,571	20,566
Annual kWh Reduction	6,263	6,581	156,568	164,531

Utility Cost per Installation: * \$25,625
 Total Program Cost of the Utility (\$000):** \$7,252
 Net Benefits of Measures Installed During Reporting Period (\$000): \$10,074

*** Utility cost per Installation is based on the total, cumulative number of year-end participants.**

**** Total program costs for this program include incentives paid to eligible participants.**

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Curtailable Service
 Program Start Date: November 1992 - (Rate Schedule CS-1 is closed to new customers, and CS-2 became effective June 1996.)
 Reporting Period: 2015

a	b	c	d	e	f	g	h	i
Year	Total Number of Customers	Total Number of Eligible Customers	Projected Cumulative Number of Program Participants	Projected Cumulative Penetration Level % [(d/c)x100]	Actual Annual Number of Program Participants*	Actual Cumulative Number of Program Participants**	Actual Cumulative Penetration Level % [(g/c)x100]	Actual Participation Over (Under) Projected Participants (g-d)
2015	171,935	910	0	0.0%	0	0	0%	0
2016	174,479	925	0	0.0%				
2017	177,027	938	1	0.1%				
2018	179,468	951	1	0.1%				
2019	181,752	963	1	0.1%				
2020	183,977	975	2	0.2%				
2021	186,117	986	2	0.2%				
2022	188,190	997	2	0.2%				
2023	190,125	1,008	3	0.3%				
2024	191,987	1,018	3	0.3%				

b Total Number of Customers is based on DEF's 2014 Ten Year Site Plan projection.

f There were no new participants added to this program in 2015.

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Reduction	---	---	0.0	0.0
Winter kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: * \$449,640
 Total Program Cost of the Utility (\$000): ** \$1,799
 Net Benefits of Measures Installed During Reporting Period (\$000): \$0

*** Utility cost per Installation is based on actual 2015 program costs divided by the number of accounts participating in this program.**

**** Utility program costs for this program include incentives paid to eligible participants.**