



Stephanie A. Cuello  
SENIOR COUNSEL

March 1, 2024

**VIA ELECTRONIC FILING**

Adam J. Teitzman, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: *Demand Side Management Annual Report for Calendar Year 2023*; Undocketed

Dear Mr. Teitzman:

In accordance with Rule 25-17.0021(5), F.A.C., please find attached for filing Duke Energy Florida, LLC's (DEF) Demand Side Management Annual Report for calendar year 2023.

Thank you for your assistance in this matter. Please feel free to call me at (850) 521-1425 should you have any questions concerning this filing.

Sincerely,

*/s/ Stephanie A. Cuello*

Stephanie A. Cuello

SAC/clg  
Attachments

cc: Michael Barrett, FPSC, Division of Economics, [MBarrett@PSC.STATE.FL.US](mailto:MBarrett@PSC.STATE.FL.US)

## DUKE ENERGY FLORIDA, LLC (DEF)

### SUMMARY OF 2023 DEMAND SIDE MANAGEMENT ACHIEVEMENTS

The Commission Approved Goals for 2020-2024 presented in the “Comparison of Cumulative Achieved MW & GWH Reductions with Public Service Commission Established Goals” represent DEF’s annual DSM goals as established by the Commission in Order PSC-2019-0509-EG. The Total Achievements represent the actual MW and GWH savings resulting from DEF’s Commission approved demand side management (DSM) programs.

In 2023, DEF’s DSM programs performed well and delivered energy and demand savings that exceeded the Commission approved winter MW, summer MW and GWH goals for the residential and commercial sector on an overall combined basis.

For the residential sector, DEF performed 36,915 home energy audits in 2023. DEF provided incentives to residential customers for 11,878 energy efficiency measures. These measures are expected to provide significant savings to customers as they all target heating and cooling end uses. Our low-income customers were served through our Neighborhood Energy Saver Program and Low-Income Weatherization Program with approximately 6,030 homes participating. DEF also added approximately 2,916 residential customers to its Residential Load Management program. These customers will benefit from ongoing bill credits. In addition, approximately 433,000 customers participated in the Residential Load Management program during 2023, contributing about 638 MW of winter peak-shaving capacity and 352 of MW of summer peak-shaving capacity for use during high load periods.

Audit Type				
	Walk-Through, BERS, and Computer Assisted	Online	Phone	Total
Residential	10,033	23,985	2,897	36,915
Non Residential	441	0	38	479

For the commercial sector, DEF performed 479 commercial energy audits, providing incentives to commercial customers through its commercial business programs.

Additionally, DEF plans to continue to effectively promote its energy conservation programs and educate customers about energy efficiency. DEF, in partnership with local universities and industry alliances, continues to utilize the Technology Development Program to test and evaluate the potential for new and emerging technologies to support future program offerings to customers. Through the Technology Development Program, DEF continues its Vehicle to Grid Ford Lighting EV technology study to test opportunities with EV batteries and bidirectional (two-way) energy flow on the grid.

**DUKE ENERGY FLORIDA  
2023**

**COMPARISON OF CUMULATIVE ACHIEVED MW & GWH REDUCTIONS at the Generator  
PUBLIC SERVICE COMMISSION ESTABLISHED GOALS ORDER PSC-2020-0274-PAA-EG**

<b>RESIDENTIAL</b>									
<b>YEAR</b>	<b>WINTER PEAK MW REDUCTION COMMISSION</b>			<b>SUMMER PEAK MW REDUCTION COMMISSION</b>			<b>GWH ENERGY REDUCTION COMMISSION</b>		
	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>
	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>
2020	31	32	-5%	18	16	13%	35	9	277%
2021	47	60	-22%	28	29	-5%	60	15	288%
2022	71	85	-16%	43	41	5%	109	19	467%
2023	101	107	-5%	63	53	19%	159	21	646%
2024		128			63			23	

<b>COMMERCIAL / INDUSTRIAL</b>									
<b>YEAR</b>	<b>WINTER PEAK MW REDUCTION COMMISSION</b>			<b>SUMMER PEAK MW REDUCTION COMMISSION</b>			<b>GWH ENERGY REDUCTION COMMISSION</b>		
	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>
	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>
2020	24	5	354%	46	8	460%	40	6	582%
2021	34	10	244%	70	15	363%	62	10	531%
2022	39	15	166%	75	21	255%	65	12	432%
2023	69	20	253%	102	27	280%	75	14	454%
2024		24			32			14	

<b>TOTAL</b>									
<b>YEAR</b>	<b>WINTER PEAK MW REDUCTION COMMISSION</b>			<b>SUMMER PEAK MW REDUCTION COMMISSION</b>			<b>GWH ENERGY REDUCTION COMMISSION</b>		
	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>	<b>TOTAL</b>	<b>APPROVED</b>	<b>%</b>
	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>	<b>ACHIEVED**</b>	<b>GOAL*</b>	<b>VARIANCE</b>
2020	54	37	45%	64	24	168%	75	15	395%
2021	81	70	16%	98	44	120%	122	25	382%
2022	110	99	11%	118	63	89%	174	31	453%
2023	171	126	35%	164	79	107%	234	35	571%
2024		152			95			37	

\*2020-2024 Goals are based on ORDER NO. PSC-2020-0274-PAA-EG, issued August 3, 2020

\*\*Figures are rounded to the nearest whole number and are at the Generator

**DUKE ENERGY FLORIDA**  
**2023**  
**COMPARISON OF ANNUAL ACHIEVED MW & GWH REDUCTIONS at the Generator**  
**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
2020	31	32	-5%	18	16	13%	35	9	277%
2021	16	28	-42%	10	14	-26%	25	6	305%
2022	25	25	0%	16	12	29%	49	4	1203%
2023	30	22	36%	19	11	70%	50	2	2244%
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
2020	24	5	354%	46	8	460%	40	6	582%
2021	11	5	124%	24	7	248%	22	4	454%
2022	5	5	1%	5	6	-17%	3	2	25%
2023	30	5	510%	27	6	377%	10	1	654%
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
2020	54	37	45%	64	24	168%	75	15	395%
2021	27	33	-18%	34	21	65%	47	10	363%
2022	29	29	0%	21	18	14%	52	6	743%
2023	60	27	122%	46	17	172%	61	4	1631%
2024		25			16			2	

\*2020-2024 Goals are based on ORDER NO. PSC-2020-0274-PAA-EG, issued August 3, 2020

\*\*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, modifications approved in 2021  
 Reporting Period: 2023

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)
2020	1,647,440	1,647,440	25,000	1.52%	31,560	31,560	1.92%	6,560
2021	1,673,995	1,648,995	50,000	3.03%	21,732	53,292	3.23%	3,292
2022	1,700,215	1,675,215	75,000	4.48%	37,725	91,017	5.43%	16,017
2023	1,726,425	1,701,425	100,000	5.88%	36,915	127,932	7.52%	27,932
2024	1,752,362	1,727,362	125,000	7.24%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.23	0.24	8,576	9,027
Summer kW Reduction	0.14	0.15	5,198	5,472
Annual kWh Reduction	611.88	644.03	22,587,714	23,774,374

Utility Cost per Installation: \$134  
 Total Program Cost of the Utility (\$000): \$4,932  
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

## Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.  
 Program Name: Residential Incentive Program (f/k/a Home Energy Improvement)  
 Program Start Date: 1996 with modifications approved in 2006, 2015, and 2020  
 Reporting Period: 2023

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)
2020	1,647,440	1,647,440	17,350	1.05%	19,200	19,200	1.17%	1,850
2021	1,673,995	1,673,995	33,283	1.99%	15,140	34,340	2.05%	1,058
2022	1,700,215	1,700,215	48,418	2.85%	10,318	44,658	2.63%	-3,760
2023	1,726,425	1,726,425	62,797	3.64%	11,878	56,536	3.27%	-6,261
2024	1,752,362	1,752,362	76,458	4.36%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.42	0.44	4,931	5,190
Summer kW Reduction	0.23	0.24	2,714	2,856
Annual kWh Reduction	617.52	649.96	7,334,861	7,720,202

Utility Cost per Installation: \$328  
 Total Program Cost of the Utility (\$000): \$3,890  
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$899

## 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, 2017 & 2018  
 Reporting Period: 2023

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)
2020	1,647,440	443,161	244	0.06%	139	139	0.03%	-105
2021	1,673,995	450,305	488	0.11%	133	272	0.06%	-216
2022	1,700,215	457,358	745	0.16%	134	406	0.09%	-339
2023	1,726,425	464,408	1,001	0.22%	184	590	0.13%	-411
2024	1,752,362	471,385	1,257	0.27%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1.12	1.18	206	217
Summer kW Reduction	0.74	0.78	137	144
Annual kWh Reduction	2,091.96	2,201.86	384,920	405,142

Utility Cost per Installation: \$1,423  
 Total Program Cost of the Utility (\$000): \$262  
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$230

## Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.  
 Program Name: Neighborhood Energy Saver  
 Program Start Date: 2007 with modifications approved in 2015, 2018, 2020 and 2021  
 Reporting Period: 2023

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)
2020	1,647,440	443,161	5,000	1.13%	950	950	0.21%	-4,050
2021	1,673,995	450,305	10,000	2.22%	537	1,487	0.33%	-8,513
2022	1,700,215	457,358	15,250	3.33%	4,771	6,258	1.37%	-8,992
2023	1,726,425	464,408	20,500	4.41%	5,846	12,104	2.61%	-8,396
2024	1,752,362	471,385	25,750	5.46%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1.62	1.70	9,455	9,952
Summer kW Reduction	1.08	1.14	6,317	6,648
Annual kWh Reduction	3,006.56	3,164.51	17,576,337	18,499,721

Utility Cost per Installation: \$1,134  
 Total Program Cost of the Utility (\$000): \$6,627  
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$6,150



## Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.  
 Program Name: Residential Load Management (a/k/a Residential Energy Management, Energy-Wise)  
 Program Start Date: January 1981, revision approved May 2000, 2nd revision approved 2006, 3rd revision approved 2015  
 Reporting Period: 2023

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)
2020	1,647,440	1,208,538	2,500	0.21%	2,735	2,735	0.23%	235
2021	1,673,995	1,232,593	5,000	0.41%	1,604	4,339	0.35%	-661
2022	1,700,215	1,256,313	7,500	0.60%	767	5,106	0.41%	-2,394
2023	1,726,425	1,280,023	10,000	0.78%	2,916	8,022	0.63%	-1,978
2024	1,752,362	1,303,460	12,500	0.96%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG col f., Annual Number of Program Participants represents new accounts added to the program each year.*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1.92	2.02	5,599	5,893
Summer kW Reduction	1.35	1.42	3,937	4,143
Annual kWh Reduction	0.00	0.00	0	0

Utility Cost per Installation: \* \$71  
 Total Program Cost of the Utility (\$000):\*\* \$30,761  
 Net Benefits of Measures Installed During Reporting Period (\$000): \$17,738

**\*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.**

**Total Program Participants at End of Year 433,000**

## Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.  
 Program Name: Business Energy Check  
 Program Start Date: 1991  
 Reporting Period: 2023

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)
2020	178,557	178,557	400	0.22%	429	429	0.24%	29
2021	181,015	180,615	800	0.44%	287	716	0.40%	-84
2022	183,346	183,346	1,200	0.65%	146	862	0.47%	-338
2023	185,608	185,608	1,600	0.86%	479	1,341	0.72%	-259
2024	187,771	187,771	2,000	1.07%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.03	0.04	17	17
Summer kW Reduction	0.08	0.08	37	39
Annual kWh Reduction	451.02	471.21	216,037	225,711

Utility Cost per Installation: \$1,185  
 Total Program Cost of the Utility (\$000): \$568  
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

## Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.  
 Program Name: Smart \$aver Business (f/k/a Better Business)  
 Program Start Date: April 1996 with modifications approved in 2006, 2015, 2016 and 2018  
 Reporting Period: 2023

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)
2020	178,557	178,557	2,589	1.45%	951	951	0.53%	-1,638
2021	181,015	181,015	5,048	2.79%	167	1,118	0.62%	-3,930
2022	183,346	183,346	7,384	4.03%	172	1,290	0.70%	-6,094
2023	185,608	185,608	9,603	5.17%	216	1,506	0.81%	-8,097
2024	187,771	187,771	11,712	6.24%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	21.80	22.78	4,710	4,921
Summer kW Reduction	6.26	6.54	1,352	1,412
Annual kWh Reduction	44,110.19	46,085.49	9,527,802	9,954,465

Utility Cost per Installation: \$8,109  
 Total Program Cost of the Utility (\$000): \$1,752  
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$917

## Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.  
 Program Name: Smart \$aver Custom (f/k/a Florida Custom Incentive Program)  
 Program Start Date: 1991  
 Reporting Period: 2023

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)
2020	178,557	178,557	200	0.11%	134	134	0.08%	-66
2021	181,015	181,015	390	0.22%	21	155	0.09%	-235
2022	183,346	183,346	571	0.31%	0	155	0.08%	-416
2023	185,608	185,608	743	0.40%	0	155	0.08%	-588
2024	187,771	187,771	906	0.48%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	0.0	0.0	0	0
Summer kW Reduction	0.0	0.0	0	0
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: 0  
 Total Program Cost of the Utility (\$000): \$214  
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$218

## 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: 2023

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)
2020	178,557	0	0	0.00%	0	0	0.00%	0
2021	181,015	0	0	0.00%	0	0	0.00%	0
2022	183,346	0	0	0.00%	0	0	0.00%	0
2023	185,608	0	0	0.00%	0	0	0.00%	0
2024	187,771							

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

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

Utility Cost per Installation: \$10,379  
 Total Program Cost of the Utility (\$000): \* \$612  
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

**\* 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.**

**\*Total NET Participants at the End of the Year**

59

## Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.  
 Program Name: Standby Generation  
 Program Start Date: April 1993 with revisions approved 2006, 2015 and 2016  
 Reporting Period: 2023

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)
2020	178,557	178,557	10	0.01%	5	5	0.00%	-5
2021	181,015	181,005	20	0.01%	5	10	0.01%	-10
2022	183,346	183,326	35	0.02%	3	13	0.01%	-22
2023	185,608	185,573	50	0.03%	4	17	0.01%	-33
2024	187,771	187,721	65	0.03%				

cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	640	668	2,559	2,674
Summer kW Reduction	640	668	2,559	2,674
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: \* \$32,338  
 Total Program Cost of the Utility (\$000):\*\* \$6,047  
 Net Benefits of Measures Installed During Reporting Period (\$000): \$6,962

\* **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.**

**Total NET Participants at End of Year** 187

## 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: 2023

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)
2020	178,557	697	16	2.30%	7	7	1.00%	-9
2021	181,015	681	26	3.82%	4	11	1.62%	-15
2022	183,346	671	30	4.47%	2	13	1.94%	-17
2023	185,608	667	36	5.40%	1	14	2.10%	-22
2024	187,771	661	44	6.66%				

*cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG*

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	20,000	20,896	20,000	20,896
Summer kW Reduction	20,000	20,896	20,000	20,896
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: \* \$279,405  
 Total Program Cost of the Utility (\$000): \*\* \$48,337  
 Net Benefits of Measures Installed During Reporting Period (\$000): \$47,086

**\* 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.**

**Total NET Participants at End of Year 173**

## 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: 2023

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)
2020	178,557	697	1	0.14%	0	0	0.00%	-1
2021	181,015	696	1	0.14%	0	0	0.00%	-1
2022	183,346	696	2	0.29%	0	0	0.00%	-2
2023	185,608	695	2	0.29%	1	1	0.14%	-1
2024	187,771	695	3	0.43%				

cols b,c,d,e are based on DEF's 2020 Program Plan approved by the Commission in Docket 20200054-EG

Annual Demand & Energy Savings (during the reporting period)	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Winter kW Reduction	1,614.0	1,614.0	1,614.0	1,614.0
Summer kW Reduction	---	---	1,614.0	1,614.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: \* \$377,599  
 Total Program Cost of the Utility (\$000): \*\* \$1,888  
 Net Benefits of Measures Installed During Reporting Period (\$000): \$5,430

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

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

**Total NET Participants at End of Year**

5