



Stephanie A. Cuello
SENIOR COUNSEL

February 28, 2025

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 2024*; 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 2024.

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

DUKE ENERGY FLORIDA, LLC (DEF)

SUMMARY OF 2024 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 Florida Public Service Commission (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 2024, DEF’s DSM programs delivered energy and demand savings consistent with the Commission approved winter MW, summer MW and GWh goals for the residential and non-residential sector on an overall combined basis.

For the residential sector, DEF performed 29,423 home energy audits in 2024. DEF provided incentives to residential customers for 11,230 energy efficiency measures. These measures are expected to provide significant savings to customers as they target heating and cooling end uses. DEF provided these measures for our low-income customers through the Neighborhood Energy Saver Program and Low-Income Weatherization Program, which served approximately 6,138 homes. DEF also added approximately 2,579 residential customers to its Residential Load Management program. These customers will receive incentives for participating in the form of ongoing bill credits. Also, approximately 433,000 customers participated in the Residential Load Management program during 2024, contributing about 634 MW of winter peak-shaving capacity for use during high load periods.

For the non-residential sector, DEF performed 325 non-residential energy audits, providing incentives to non-residential customers through its non-residential business programs.

2024 Audits By Type				
	Walk-Through, BERS, and Computer Assisted	Online	Phone	Total
Residential	6,449	20,736	2,238	29,423
Non Residential	298	0	27	325

Additionally, DEF plans to continue to effectively promote its energy conservation programs and educate customers about energy efficiency. DEF, in partnership with research organizations, 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. For example, through the Technology Development Program DEF continues its Vehicle to Grid Ford Lighting technology study to test opportunities with electric vehicle batteries and bidirectional (two-way) energy flow on the grid.

**DUKE ENERGY FLORIDA
2024**

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

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	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	130	128	2%	80	63	27%	206	23	813%

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	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	93	24	285%	123	32	288%	84	14	490%

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	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	223	152	47%	203	95	114%	290	37	688%

*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
2024
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	29	21	38%	18	11	65%	46	1	3929%

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	24	5	425%	21	5	330%	9	1	1152%

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	53	25	107%	39	16	149%	56	2	2833%

*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: 2024

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%	29,423	157,355	9.11%	32,355

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	6,773	7,172
Summer kW Reduction	0.14	0.15	4,092	4,333
Annual kWh Reduction	610.02	645.89	17,948,684	19,004,134

Utility Cost per Installation: \$173
 Total Program Cost of the Utility (\$000): \$5,098
 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: 2024

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%	11,230	67,766	3.87%	-8,692

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	0.45	0.48	5,109	5,409
Summer kW Reduction	0.19	0.20	2,172	2,300
Annual kWh Reduction	600.96	636.30	6,748,830	7,145,687

Utility Cost per Installation: \$339
 Total Program Cost of the Utility (\$000): \$3,806
 Net Benefits of Measures Installed During Reporting Period (\$000): \$3,366

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: 2024

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%	5,821	17,925	3.80%	-7,825

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	1.70	1.80	9,912	10,495
Summer kW Reduction	1.14	1.21	6,653	7,045
Annual kWh Reduction	3,148.97	3,334.14	18,330,156	19,408,038

Utility Cost per Installation: \$1,366
 Total Program Cost of the Utility (\$000): \$7,949
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$4,921

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: 2024

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%	317	907	0.19%	-350

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	1.26	1.33	400	423
Summer kW Reduction	0.85	0.90	270	285
Annual kWh Reduction	2,304.64	2,440.16	730,570	773,530

Utility Cost per Installation: \$1,143
 Total Program Cost of the Utility (\$000): \$362
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$138

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: 2024

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%	2,579	10,601	0.81%	-1,899

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	2.03	4,952	5,243
Summer kW Reduction	1.35	1.43	3,482	3,686
Annual kWh Reduction	0.00	0.00	0	0

Utility Cost per Installation: * \$73
 Total Program Cost of the Utility (\$000):** \$31,472
 Net Benefits of Measures Installed During Reporting Period (\$000): \$16,152

***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 Approximate 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: 2024

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%	325	1,666	0.89%	-334

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	0.03	10.57	11.09
Summer kW Reduction	0.07	0.08	23.86	25.04
Annual kWh Reduction	425.31	446.41	138,227	145,082

Utility Cost per Installation: \$1,508
 Total Program Cost of the Utility (\$000): \$490
 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
 Program Start Date: April 1996 with modifications approved in 2006, 2015, 2016 and 2018
 Reporting Period: 2024

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%	249	1,755	0.93%	-9,957

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	15.52	16.28	3,863	4,055
Summer kW Reduction	6.32	6.63	1,574	1,652
Annual kWh Reduction	35,380.31	37,134.84	8,809,698	9,246,576

Utility Cost per Installation: \$8,158
 Total Program Cost of the Utility (\$000): \$2,031
 Net Benefits of Measures Installed During Reporting Period (\$000): \$808

Demand Side Management Annual Report

Utility: DUKE ENERGY FLORIDA, LLC.
 Program Name: Smart \$aver Custom
 Program Start Date: 1991
 Reporting Period: 2024

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%	0	155	0.08%	-751

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	0	0

Utility Cost per Installation: 0
 Total Program Cost of the Utility (\$000): \$155
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$158

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: 2024

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	0	0	0.00%	0	0	0.00%	0

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: \$11,025
 Total Program Cost of the Utility (\$000): * \$650
 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**

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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: 2024

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%	3	17	2.57%	-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	5,455	5,726	16,366	17,178
Summer kW Reduction	5,455	5,726	16,366	17,178
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: * \$293,991
 Total Program Cost of the Utility (\$000): ** \$51,154
 Net Benefits of Measures Installed During Reporting Period (\$000): \$47,157

* 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

174

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: 2024

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%	7	24	0.01%	-41

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	360	378	2,520	2,645
Summer kW Reduction	360	378	2,520	2,645
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: * \$32,239
 Total Program Cost of the Utility (\$000):** \$6,029
 Net Benefits of Measures Installed During Reporting Period (\$000): \$8,056

*** 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: 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: 2024

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%	0	1	0.14%	-2

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
Summer kW Reduction	---	---	0	0
Annual kWh Reduction	---	---	0	0

Utility Cost per Installation: * \$238,859
 Total Program Cost of the Utility (\$000): ** \$717
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$9,048

*** 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

3