



Stephanie A. Cuello
SENIOR COUNSEL

May 5, 2023

VIA ELECTRONIC FILING

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

Re: *Second Amended Demand Side Management Annual Report for Calendar Year 2022*; 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) Second Amended Demand Side Management Annual Report for calendar year 2022. The Report is being amended to correct the NPV Net Benefits calculations.

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 2022 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 2022, 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 commercial sector on an overall combined basis.

For the residential sector, DEF performed 37,725 home energy audits in 2022. DEF provided incentives to residential customers for 10,318 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 through our Neighborhood Energy Saver Program and Low Income Weatherization Program served approximately 4,900 homes and provided approximately 7,500 measures to our low-income customers in total. DEF also added approximately 767 residential customers to its Residential Load Management program. These customers will benefit from ongoing bill credits. And, approximately 433,000 customers participated in the Residential Load Management program during 2022, contributing about 641 MW of winter peak-shaving capability for use during high load periods.

Audit Type				
	Walk-Through, BERS, and Computer Assisted	Online	Phone	Total
Residential	8,598	25,919	3,208	37,725
Non-Residential	143	0	3	146

For the commercial sector, DEF performed 146 commercial energy audits, providing incentives to commercial customers through its commercial business programs.

Additionally, DEF plans to continue to promote its energy conservation programs to customers and will continue to evaluate changes to delivery methods and procedures to ensure the safety of both our customers and our team. 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 has launched the Vehicle to Grid Ford Lightning EV technology study to test opportunities with EV batteries and bidirectional (two-way) energy flow on the grid.

**DUKE ENERGY FLORIDA
2022**

**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%	61	15	292%
2022	71	85	-16%	43	41	5%	109	19	470%
2023		107			53			21	
2024		128			63			23	

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		20			27			14	
2024		24			32			14	

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	385%
2022	110	99	11%	118	63	89%	174	31	455%
2023		126			79			35	
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
2022
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%	26	6	316%
2022	25	25	0%	16	12	29%	49	4	1203%
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
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		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
2020	54	37	45%	64	24	168%	75	15	395%
2021	27	33	-18%	34	21	65%	47	10	370%
2022	29	29	0%	21	18	14%	52	6	743%
2023		27			17			4	
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: 2022

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%				
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)	<u>Per Installation</u>		<u>Program Total</u>	
	<u>@ Meter</u>	<u>@ Generator</u>	<u>@ Meter</u>	<u>@ Generator</u>
Winter kW Reduction	0.24	0.26	9,142	9,886
Summer kW Reduction	0.15	0.16	5,523	5,973
Annual kWh Reduction	631.57	682.97	23,825,814	25,764,871

Utility Cost per Installation: \$114
 Total Program Cost of the Utility (\$000): \$4,310
 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: 2022

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%				
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	0.34	0.37	3,549	3,838
Summer kW Reduction	0.22	0.24	2,291	2,477
Annual kWh Reduction	540.14	584.10	5,573,140	6,026,708

Utility Cost per Installation: \$322
 Total Program Cost of the Utility (\$000): \$3,322
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$302

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: 2022

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%				
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	1.78	1.93	8,507	9,199
Summer kW Reduction	1.20	1.29	5,705	6,170
Annual kWh Reduction	3,269.42	3,535.50	15,598,419	16,867,892

Utility Cost per Installation: \$1,108
 Total Program Cost of the Utility (\$000): \$5,288
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$4,429

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: 2022

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%				
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	0.60	0.65	81	87
Summer kW Reduction	0.36	0.39	49	53
Annual kWh Reduction	1,280.72	1,384.95	171,617	185,584

Utility Cost per Installation: \$1,881
 Total Program Cost of the Utility (\$000): \$252
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$254

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: 2022

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%				
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	2.08	1,473	1,592
Summer kW Reduction	1.35	1.46	1,035	1,120
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: * \$82
 Total Program Cost of the Utility (\$000):** \$35,376
 Net Benefits of Measures Installed During Reporting Period (\$000): \$4,079

***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: 2022

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%				
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	5	5
Summer kW Reduction	0.08	0.08	11	12
Annual kWh Reduction	448.30	472.55	65,452	68,992

Utility Cost per Installation: \$3,310
 Total Program Cost of the Utility (\$000): \$483
 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: 2022

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%				
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	3.27	3.45	563	593
Summer kW Reduction	4.45	4.69	766	807
Annual kWh Reduction	16,104.29	16,975.26	2,769,939	2,919,744

Utility Cost per Installation: \$8,934
 Total Program Cost of the Utility (\$000): \$1,537
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$1,864

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: 2022

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%				
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
Summer kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: 0
 Total Program Cost of the Utility (\$000): \$286
 Net Benefits of Measures Installed During Reporting Period (\$000): -\$291

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: 2022

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							
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: \$5,707
 Total Program Cost of the Utility (\$000): * \$337
 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: 2022

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%				
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	1,513	1,595	3,026	3,190
Summer kW Reduction	1,513	1,595	3,026	3,190
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: * \$273,423
 Total Program Cost of the Utility (\$000): ** \$47,029
 Net Benefits of Measures Installed During Reporting Period (\$000): \$7,622

*** 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

172

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: 2022

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%				
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	---	---	0.0	0.0
Summer kW Reduction	---	---	0.0	0.0
Annual kWh Reduction	---	---	0.0	0.0

Utility Cost per Installation: * \$650,654
 Total Program Cost of the Utility (\$000): ** \$2,603
 Net Benefits of Measures Installed During Reporting Period (\$000): N/A

*** 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

4

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: 2022

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%				
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	299	316	898	947
Summer kW Reduction	299	316	898	947
Annual kWh Reduction	0	0	0	0

Utility Cost per Installation: * \$33,572
 Total Program Cost of the Utility (\$000):** \$6,211
 Net Benefits of Measures Installed During Reporting Period (\$000): \$2,510

*** 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

185