



William P. Cox
Senior Counsel
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
(561) 304-5662
(561) 691-7135 (Facsimile)
E-mail: Will.Cox@fpl.com

May 8, 2024

-VIA ELECTRONIC FILING-

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

**RE: Docket 20240000-OT
Florida Power & Light Company 2023 Demand Side Management Annual Report**

Dear Mr. Teitzman:

On March 1, 2024, in accordance with Rule 25-17.0021(5), Florida Administrative Code, Florida Power & Light Company (“FPL”) filed its 2023 Demand Side Management (“DSM”) Annual Report, and on April 29, 2024, FPL filed an Amended DSM Annual Report making several corrections to the March 1, 2024 Report. FPL is filing a Second Amended DSM Annual Report to correct data on page 10 of the Report. For FPL’s Business Energy Evaluation Program (page 10), an incorrect cell reference caused incorrect amounts to be presented for Program Participants and Utility Cost Per Installation. Please find attached the corrected page 10 in redline format (Attachment 1), as well as a clean copy of FPL’s Second Amended DSM Annual Report (Attachment 2).

If there are any questions regarding this transmittal, please contact me at (561) 304-5662.

Sincerely,

/s/ William P. Cox
William P. Cox
Fla. Bar No. 0093531

Enclosure

cc: Michael C. Barrett, Economic Supervisor, mbarrett@psc.state.fl.us

Attachment 1

Utility: Florida Power & Light Company
 Program Name: **Business Energy Evaluation**
 Program Start Date: October 1990
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	591,470	591,470	12,000	2%	5,015	5,015	1%	(6,985)
2021	599,138	599,138	24,000	4%	4,751	9,766	2%	(14,234)
2022	665,256	665,256	36,300	5%	5,669	15,435	2%	(20,865)
2023	673,193	673,193	48,600	7%	5,108 5,091	20,543 20,526	3%	(28,057) (28,074)
2024	681,003	681,003	60,900	9%				

Channel	2020	2021	2022	2023	2024
Online	1,230	400	536	804	
Phone	1,321	1,649	2,559	2,079	
On Site	2,464	2,702	2,574	2,225 2,208	
Total	5,015	4,751	5,669	5,108 5,091	

2023	
Utility Cost per Installation	\$966 \$969
Total Utility Program Cost (\$000)	\$4,934
Net Benefits (\$000)	N/A

- No kW or kWh savings attributed to this program

⁽¹⁾ Cumulative participants before 2020 = 254,164

Attachment 2

**FLORIDA POWER & LIGHT COMPANY
2023 DEMAND-SIDE MANAGEMENT
ANNUAL REPORT**

March 1, 2024

**FLORIDA POWER & LIGHT COMPANY
2023 DEMAND-SIDE MANAGEMENT ANNUAL REPORT**

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Comparison of Achieved MW and GWh Savings v. Commission Goals Established November 26, 2019

Reporting Period: 2023

Residential and Business Combined (@ Generator)*									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	62.75	60.60	4%	41.22	36.80	12%	55.62	63.00	-12%
2021	57.36	62.30	-8%	35.01	37.90	-8%	43.60	66.10	-34%
2022	49.74	63.70	-22%	29.94	39.00	-23%	53.32	69.40	-23%
2023	63.32	65.30	-3%	43.10	40.10	7%	83.92	72.60	16%
2024		66.90			41.10			75.90	

Residential (@ Generator)*									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	21.63	33.60	-36%	12.60	20.50	-39%	22.79	31.80	-28%
2021	19.36	34.80	-44%	12.53	21.20	-41%	25.76	33.30	-23%
2022	24.17	35.70	-32%	16.44	21.80	-25%	36.46	34.80	5%
2023	22.82	36.80	-38%	17.58	22.50	-22%	33.97	36.30	-6%
2024		37.80			23.10			37.80	

Business (@ Generator)*									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	41.12	27.00	52%	28.62	16.30	76%	32.83	31.20	5%
2021	37.99	27.50	38%	22.49	16.70	35%	17.84	32.80	-46%
2022	25.56	28.00	-9%	13.50	17.20	-22%	16.87	34.60	-51%
2023	40.50	28.50	42%	25.52	17.60	45%	49.95	36.30	38%
2024		29.10			18.00			38.10	

* Combined preconsolidated FPL and Gulf Power goals and results through 2021

Comparison of Achieved MW and GWh Savings v. Commission Goals Established November 26, 2019

Reporting Period: 2023

Residential and Business Combined (@ Generator)									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	60.16	53.10	13%	40.08	32.80	22%	51.29	53.70	-4%
2021	55.99	53.90	4%	33.87	33.40	1%	39.58	55.80	-29%
2022		54.70			34.10			58.10	
2023		55.50			34.80			60.50	
2024		56.50			35.50			63.00	

Residential (@ Generator)									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	19.99	26.90	-26%	11.46	16.70	-31%	20.62	25.00	-18%
2021	18.04	27.30	-34%	11.41	16.90	-32%	21.87	25.70	-15%
2022		27.60			17.20			26.50	
2023		28.00			17.50			27.40	
2024		28.50			17.80			28.30	

Business (@ Generator)									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	40.16	26.20	53%	28.62	16.10	78%	30.67	28.70	7%
2021	37.96	26.60	43%	22.45	16.50	36%	17.71	30.10	-41%
2022		27.10			16.90			31.60	
2023		27.50			17.30			33.10	
2024		28.00			17.70			34.70	

Comparison of Achieved MW and GWh Savings v. Commission Goals Established November 26, 2019

Reporting Period: 2023

Residential and Business Combined (@ Generator)									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	2.59	7.50	-65%	1.14	4.00	-71%	4.33	9.30	-53%
2021	1.36	8.40	-84%	1.15	4.50	-75%	4.01	10.30	-61%
2022		9.00			4.90			11.30	
2023		9.80			5.30			12.10	
2024		10.40			5.60			12.90	

Residential (@ Generator)									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	1.64	6.70	-76%	1.14	3.80	-70%	2.17	6.80	-68%
2021	1.33	7.50	-82%	1.11	4.30	-74%	3.89	7.60	-49%
2022		8.10			4.60			8.30	
2023		8.80			5.00			8.90	
2024		9.30			5.30			9.50	

Business (@ Generator)									
Year	Summer Peak MW Savings			Winter Peak MW Savings			GWh Energy Savings		
	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance	Total Achieved	Commission Established Goal	% Variance
2020	0.95	0.80	19%	0.00	0.20	-100%	2.16	2.50	-14%
2021	0.04	0.90	-96%	0.04	0.20	-82%	0.13	2.70	-95%
2022		0.90			0.30			3.00	
2023		1.00			0.30			3.20	
2024		1.10			0.30			3.40	

Utility: Florida Power & Light Company
 Program Name: **Residential Home Energy Survey**
 Program Start Date: January 1981
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	4,522,372	4,522,372	100,000	2%	103,647	103,647	2%	3,647
2021	4,574,840	4,574,840	200,000	4%	84,878	188,525	4%	(11,475)
2022	5,050,726	5,050,726	310,000	6%	82,631	271,156	5%	(38,844)
2023	5,108,019	5,108,019	420,000	8%	87,050	358,206	7%	(61,794)
2024	5,165,418	5,165,418	530,000	10%				

Channel	2020	2021	2022	2023	2024
Online	80,940	65,236	53,446	57,840	
Phone	18,921	11,016	15,361	13,274	
In-Home	3,786	8,626	13,824	15,936	
Total	103,647	84,878	82,631	87,050	

2023	
Utility Cost per Installation	\$184
Total Utility Program Cost (\$000)	\$15,975
Net Benefits (\$000)	N/A

- No kW or kWh savings attributed to this program

⁽¹⁾ Cumulative participants before 2020 = 4,098,353

Utility: Florida Power & Light Company
 Program Name: **Residential Load Management (On Call®)**
 Program Start Date: July 1986
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	4,522,372	3,818,771	5,950	0%	4,674	4,674	0%	(1,276)
2021	4,574,840	3,871,239	11,925	0%	3,002	7,676	0%	(4,249)
2022	5,050,726	3,925,757	20,050	1%	3,300	10,976	0%	(9,074)
2023	5,108,019	3,971,801	28,425	1%	3,406	14,382	0%	(14,043)
2024	5,165,418	4,025,866	36,925	1%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	2.67	2.84	9,085	9,676
Winter kW Savings	2.49	2.65	8,474	9,024
kWh Savings	0.87	0.92	2,971	3,122

2023	
Utility Cost per Installation ⁽²⁾	\$57
Total Utility Program Cost (\$000) ⁽³⁾	\$37,462
Net Benefits (\$000)	(\$155)

⁽¹⁾ Cumulative participants before 2020 = 703,601

⁽²⁾ Based on cumulative active participants at year-end = 652,942

⁽³⁾ Includes depreciation, return & incentives paid in 2023 to active participants who signed up in 2023 & prior years

Utility: Florida Power & Light Company
 Program Name: **Residential Air Conditioning**
 Program Start Date: October 1990
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	4,522,372	1,183,454	22,000	2%	20,399	20,399	2%	(1,601)
2021	4,574,840	1,273,527	44,100	3%	18,477	38,876	3%	(5,224)
2022	5,050,726	1,765,181	72,350	4%	23,885	62,761	4%	(9,589)
2023	5,108,019	1,859,084	100,950	5%	18,403	81,164	4%	(19,786)
2024	5,165,418	1,952,865	130,225	7%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	0.20	0.22	3,737	3,980
Winter kW Savings	0.04	0.05	791	842
kWh Savings	424	446	7,803,551	8,199,971

2023	
Utility Cost per Installation	\$201
Total Utility Program Cost (\$000)	\$3,697
Net Benefits (\$000)	(\$1,460)

⁽¹⁾ Cumulative participants before 2020 = 1,970,212

Utility: Florida Power & Light Company
 Program Name: **Residential New Construction (BuildSmart®)**
 Program Start Date: February 1996
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	4,522,372	41,778	3,500	8%	3,686	3,686	9%	186
2021	4,574,840	44,010	7,025	8%	4,036	7,722	9%	697
2022	5,050,726	49,545	11,575	9%	5,231	12,953	10%	1,378
2023	5,108,019	50,383	16,150	9%	3,841	16,794	9%	644
2024	5,165,418	51,142	20,750	9%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	0.33	0.35	1,275	1,358
Winter kW Savings	0.12	0.13	456	485
kWh Savings	980	1,030	3,763,771	3,954,971

2023	
Utility Cost per Installation	\$109
Total Utility Program Cost (\$000)	\$420
Net Benefits (\$000)	(\$425)

⁽¹⁾ Cumulative participants before 2020 = 51,026

Utility: Florida Power & Light Company
 Program Name: **Residential Ceiling Insulation**
 Program Start Date: October 1981
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	4,522,372	1,235,964	3,850	0%	1,444	1,444	0%	(2,406)
2021	4,574,840	1,232,114	8,000	1%	1,503	2,947	0%	(5,053)
2022	5,050,726	1,646,944	13,150	1%	1,687	4,634	0%	(8,516)
2023	5,108,019	1,644,918	18,300	1%	2,952	7,586	0%	(10,714)
2024	5,165,418	1,642,677	23,450	1%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	0.70	0.75	2,066	2,200
Winter kW Savings	1.64	1.74	4,835	5,150
kWh Savings	1,918	2,015	5,661,936	5,949,562

2023	
Utility Cost per Installation	\$347
Total Utility Program Cost (\$000)	\$1,025
Net Benefits (\$000)	(\$333)

⁽¹⁾ Cumulative participants before 2020 = 582,758

Utility: Florida Power & Light Company
 Program Name: **Residential Low Income**
 Program Start Date: March 2005
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	4,522,372	886,993	5,250	1%	3,137	3,137	0%	(2,113)
2021	4,574,840	892,237	11,000	1%	8,502	11,639	1%	639
2022	5,050,726	1,039,019	20,550	2%	11,054	22,693	2%	2,143
2023	5,108,019	1,041,396	31,250	3%	11,254	33,947	3%	2,697
2024	5,165,418	1,048,638	43,550	4%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	0.47	0.50	5,267	5,609
Winter kW Savings	0.17	0.18	1,952	2,079
kWh Savings	1,341	1,409	15,093,375	15,860,119

2023	
Utility Cost per Installation	\$279
Total Utility Program Cost (\$000)	\$3,141
Net Benefits (\$000)	(\$2,179)

⁽¹⁾ Cumulative participants before 2020 = 17,482

Utility: Florida Power & Light Company
 Program Name: **Business Energy Evaluation**
 Program Start Date: October 1990
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	591,470	591,470	12,000	2%	5,015	5,015	1%	(6,985)
2021	599,138	599,138	24,000	4%	4,751	9,766	2%	(14,234)
2022	665,256	665,256	36,300	5%	5,669	15,435	2%	(20,865)
2023	673,193	673,193	48,600	7%	5,091	20,526	3%	(28,074)
2024	681,003	681,003	60,900	9%				

Channel	2020	2021	2022	2023	2024
Online	1,230	400	536	804	
Phone	1,321	1,649	2,559	2,079	
On Site	2,464	2,702	2,574	2,208	
Total	5,015	4,751	5,669	5,091	

2023	
Utility Cost per Installation	\$969
Total Utility Program Cost (\$000)	\$4,934
Net Benefits (\$000)	N/A

- No kW or kWh savings attributed to this program

⁽¹⁾ Cumulative participants before 2020 = 254,164

Utility: Florida Power & Light Company
 Program Name: **Business On Call®**
 Program Start Date: June 1995
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	8,651,163	510,164	1,100	0%	525	525	0%	(575)
2021	8,733,000	513,890	2,000	0%	282	806	0%	(1,194)
2022	9,542,169	517,390	2,750	1%	990	1,796	0%	(954)
2023	9,615,355	520,719	3,250	1%	764	2,560	0%	(690)
2024	9,688,055	524,267	3,650	1%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	1.00	1.07	764	813
Winter kW Savings	0.00	0.00	0	0
kWh Savings	1	1	771	811

2023	
Utility Cost per Installation ⁽²⁾	\$44
Total Utility Program Cost (\$000) ⁽³⁾	\$2,948
Net Benefits (\$000)	(\$31)

⁽¹⁾ Cumulative participants (MW) before 2020 = 76.4
⁽²⁾ Based on cumulative active participants (MW) at year-end = 66.6
⁽³⁾ Includes depreciation, return & incentives paid in 2023 to active participants who signed up in 2023 & prior years
 Note: One Customer, Participant or Installation equals one Summer kW

Utility: Florida Power & Light Company
 Program Name: **Commercial/Industrial Demand Reduction**
 Program Start Date: May 2000
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	8,651,163	4,919,014	9,150	0%	24,294	24,294	0%	15,144
2021	8,733,000	4,956,396	18,550	0%	26,012	50,306	1%	31,756
2022	9,542,169	5,712,114	28,250	0%	12,476	62,782	1%	34,532
2023	9,615,355	5,744,642	37,850	1%	26,476	89,258	2%	51,408
2024	9,688,055	5,776,784	47,450	1%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	1.00	1.07	26,476	28,197
Winter kW Savings	0.64	0.68	17,027	18,133
kWh Savings	11	11	289,648	304,362

2023	
Utility Cost per Installation ⁽²⁾	\$80
Total Utility Program Cost (\$000) ⁽³⁾	\$33,338
Net Benefits (\$000)	(\$667)

⁽¹⁾ Cumulative participants (MW) before 2020 = 327.4
⁽²⁾ Based on cumulative active participants (MW) at year-end = 414.2
⁽³⁾ Includes incentives paid in 2023 to active participants who signed up in 2023 & prior years
 Note: One Customer, Participant or Installation equals one Summer kW

Utility: Florida Power & Light Company
 Program Name: **Business Heating, Ventilating & Air Conditioning**
 Program Start Date: February 1990
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	8,651,163	1,354,483	10,670	1%	9,272	9,272	1%	(1,398)
2021	8,733,000	1,356,626	21,430	2%	7,271	16,542	1%	(4,888)
2022	9,542,169	2,091,034	32,800	2%	8,444	24,986	1%	(7,814)
2023	9,615,355	2,093,996	44,700	2%	4,800	29,786	1%	(14,914)
2024	9,688,055	2,096,178	56,920	3%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	1.00	1.07	4,800	5,112
Winter kW Savings	0.65	0.69	3,112	3,315
kWh Savings	3,621	3,805	17,377,713	18,260,501

2023	
Utility Cost per Installation	\$441
Total Utility Program Cost (\$000)	\$2,118
Net Benefits (\$000)	(\$925)

⁽¹⁾ Cumulative participants (MW) before 2020 = 426.1
 Note: One Customer, Participant or Installation equals one Summer kW

Utility: Florida Power & Light Company
 Program Name: **Business Lighting**
 Program Start Date: June 1984
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	8,651,163	632,148	3,750	1%	3,729	3,729	1%	(21)
2021	8,733,000	634,378	7,750	1%	2,102	5,832	1%	(1,918)
2022	9,542,169	635,810	12,290	2%	2,012	7,843	1%	(4,447)
2023	9,615,355	636,573	17,075	3%	5,990	13,833	2%	(3,242)
2024	9,688,055	637,021	22,160	3%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	1.00	1.07	5,990	6,380
Winter kW Savings	0.64	0.68	3,822	4,070
kWh Savings	4,986	5,239	29,866,954	31,384,195

2023	
Utility Cost per Installation	\$102
Total Utility Program Cost (\$000)	\$608
Net Benefits (\$000)	(\$2,125)

⁽¹⁾ Cumulative participants (MW) before 2020 = 310.6
 Note: One Customer, Participant or Installation equals one Summer kW

Utility: Florida Power & Light Company
 Program Name: **Business Custom Incentive**
 Program Start Date: April 1993
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	8,651,163	414,312	100	0%	60	60	0%	(40)
2021	8,733,000	418,131	200	0%	0	60	0%	(140)
2022	9,542,169	1,156,003	300	0%	0	60	0%	(240)
2023	9,615,355	1,162,972	400	0%	0	60	0%	(340)
2024	9,688,055	1,169,866	500	0%				

2023	Per Installation		Program Total	
	@ Meter	@ Generator	@ Meter	@ Generator
Summer kW Savings	0.0	0.0	0.0	0.0
Winter kW Savings	0.0	0.0	0.0	0.0
kWh Savings	0.0	0.0	0.0	0.0

2023	
Utility Cost per Installation	\$0
Total Utility Program Cost (\$000)	\$0
Net Benefits (\$000)	N/A - No 2023 program participation

⁽¹⁾ Cumulative participants (MW) before 2020 = 54.8
 Note: One Customer, Participant or Installation equals one Summer kW

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Residential Home Energy Survey (Discontinued)**
 Program Start Date: January 1981
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	415,321	415,321	10,000	2%	12,005	12,005	3%	2,005
2021	419,169	419,169	20,000	5%	11,734	23,739	6%	3,739
2022								
2023								
2024								

Channel	2020	2021	2022	2023	2024
Online	11,764	10,929			
Phone	106	554			
In-Home	135	251			
Total	12,005	11,734			

⁽¹⁾ Cumulative participants before 2020 = 269,488

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Energy Select (Discontinued)**
 Program Start Date: 1995
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	415,321	379,234	2,033	1%	648	648	0%	(1,385)
2021	419,169	382,039	4,291	1%	397	1,045	0%	(3,246)
2022								
2023								
2024								

⁽¹⁾ Cumulative participants before 2020 = 20,098

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Residential Low Income (Community Energy Saver Program) (Discontinued)**
 Program Start Date: March 2010
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	415,321	144,733	3,750	3%	1,436	1,436	1%	(2,314)
2021	419,169	142,330	7,500	5%	3,795	5,231	4%	(2,269)
2022								
2023								
2024								

⁽¹⁾ Cumulative participants before 2020 = 23,274

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Residential HVAC (Discontinued)**
 Program Start Date: November 2020
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	415,321	413,524	1,200	0%	0	0	0%	(1,200)
2021	419,169	416,172	2,550	1%	349	349	0%	(2,201)
2022								
2023								
2024								

⁽¹⁾ Cumulative participants before 2020 = 0

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Residential Ceiling Insulation (Discontinued)**
 Program Start Date: November 2020
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	415,321	413,524	800	0%	0	0	0%	(800)
2021	419,169	416,572	1,700	0%	33	33	0%	(1,667)
2022								
2023								
2024								

⁽¹⁾ Cumulative participants before 2020 = 0

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Residential High Efficiency Pool Pump (Discontinued)**
 Program Start Date: November 2020
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	415,321	78,570	1,150	1%	0	0	0%	(1,150)
2021	419,169	78,151	2,475	3%	129	129	0%	(2,346)
2022								
2023								
2024								

⁽¹⁾ Cumulative participants before 2020 = 0

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Business Energy Survey (Discontinued)**
 Program Start Date: 1981
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	57,696	57,696	300	1%	23	23	0%	(277)
2021	58,060	58,060	600	1%	144	167	0%	(433)
2022								
2023								
2024								

Channel	2020	2021	2022	2023	2024
Online	6	67			
Phone	N/A	22			
On Site	17	55			
Total	23	144			

⁽¹⁾ Cumulative participants before 2020 = 23,411

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Business HVAC (Discontinued)**
 Program Start Date: November 2020
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	725,802	725,802	400	0.1%	0	0	0%	(400)
2021	730,375	729,975	840	0.1%	34	34	0%	(806)
2022								
2023								
2024								

⁽¹⁾ Cumulative participants (MW) before 2020 = 0
 Note: One Customer, Participant or Installation equals one Summer KW

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Curtable Load Rider (Discontinued)**
 Program Start Date: 2018
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	725,802	715,902	864	0.1%	0	0	0%	(864)
2021	730,375	719,611	1,813	0.3%	0	0	0%	(1,813)
2022								
2023								
2024								

⁽¹⁾ Cumulative participants (MW) before 2020 = 9.9
 Note: One Customer, Participant or Installation equals one Summer KW

Utility: Gulf Power Company (Pre-Consolidated)
 Program Name: **Business Custom Incentive (Discontinued)**
 Program Start Date: 2000
 Reporting Period: 2023

a	b	c	d	e (d/c)	f	g	h (g/c)	i (g-d)
Year	Total Number of Customers	Total Number of Eligible Customers	Projected		Actual			
			Cumulative Number of Program Participants	Cumulative Penetration Level %	Annual Number of Program Participants	Cumulative Number of Program Participants ⁽¹⁾	Cumulative Penetration Level %	Cumulative Participation Over (Under) Projected Participants
2020	725,802	725,802	0	0%	0	0	0%	0
2021	730,375	730,375	0	0%	0	0	0%	0
2022								
2023								
2024								

⁽¹⁾ Cumulative participants (MW) before 2020 = 1.15
 Note: One Customer, Participant or Installation equals one Summer KW

OTHER CONSERVATION ACTIVITIES

FPL Conservation Research & Development (“CRD”)

CRD is an umbrella program under which FPL researches a wide variety of new technologies and market strategies to evaluate their potential for reductions in peak demand and energy consumption as well as customer bill savings. Favorable research results of these new technologies can lead to incorporation into FPL’s DSM programs. Examples of technologies that have been included are Energy Recovery Ventilators; Demand Control Ventilation; and Residential Air Conditioning Duct Plenum Seal.

FPL focused on three major research projects in 2023, including a Smart Panel Pilot to test new end-use control technology for residential customers; a retro-commissioning project to unmask conservation measures otherwise hidden by larger load profiles in a commercial building; and a low-income project to install and test customer acceptance and usage patterns for various energy efficient end-use technologies.

As part of a smart panel pilot approved in Docket 20210015-EI, FPL is installing smart panels in customer homes. To date, 100 smart panels have been installed in customer homes. This pilot is intended to evaluate the capabilities of smart panels to enable greater customer energy efficiency through real-time visibility and control of large appliances, better optimization of on-site distributed energy resources (DERs), and flexible load management on the FPL grid. FPL also enhanced an internal software monitoring and control platform to utilize throughout the pilot for evaluating the capabilities of the panels for demand response. FPL will continue this pilot through 2024.

FPL also continued a retro-commissioning study in the Northwest portion of the service territory. A large, multi-building church was selected to take part in the research. A local engineering firm specializing in retro-commissioning was selected to conduct the study. A preliminary site assessment has been conducted, and a baseline energy profile is presently being developed. The church campus has multiple building types and uses that facilitate the application of the results to other buildings in the region. The church is also a willing participant in support of educational activities that may be spawned from this work to build science programs in the Panhandle. This cooperation also compliments FPL initiatives to expand energy collaboratives in the community.

In 2023, FPL also initiated a deep retrofit pilot for income qualified customers in the Pensacola area of FPL’s service territory. The purpose of this pilot is to understand the impact deep retrofit measures have on customer energy use. 25 customers were selected to receive energy efficient appliances, capital improvements, and other energy conservation measures at no additional cost to the customer. Installation of all three measures was completed in the summer of 2023. The energy use of this group will be tracked for 12 months. The data will be weather normalized to measure the impact on customers’ energy usage and bills and to evaluate which mix of measures have the most impact.

Measures included in the evaluation are:

- Heat Pump AC systems
- Heat Pump Water Heaters
- Duct Sealing and Repair
- Ceiling insulation to R-38 Value
- Smart Thermostat

FPL Cogeneration & Small Power Production

The objective of this program is to facilitate cogeneration and small power production facilities. In 2023, there were purchases from 15 facilities, which produced summer capacity of 264 MW, winter capacity of 263 MW, and 1,047 GWh.

2023 Goals Results Summary and Variance Explanations

Residential and Commercial/Industrial Combined

Summer MW	3%	Below Goal
Winter MW	7%	Above Goal
Annual GWh	16%	Above Goal

Variance Explanation:

On a combined basis, FPL exceeded the Winter MW and Annual GWh goals, but were slightly below the Summer MW goal (though by less than the Commission's 15% threshold). FPL continues to strive to achieve the overall Commission goals for demand and energy reductions even when one sector or the other is below target. Overachievements in the Commercial/Industrial CDR and Business Lighting programs helped FPL exceed the combined goals for Winter MW and Annual GWh.

Residential Goals:

Summer MW	38%	Below Goal
Winter MW	22%	Below Goal
Annual GWh	6%	Below Goal

Variance Explanation:

The primary contributors to FPL falling below the Summer MW, Winter MW, and Annual GWh goals were the Residential On Call and HVAC programs. The On Call program did not gain the number of participants necessary to achieve the Summer and Winter KW goals. In addition, the per installation kW and kWh savings for the Residential HVAC program were reduced due to new Federal Efficiency Standards that became effective January 1, 2023.

Commercial/Industrial Goals:

Summer MW	42%	Above Goal
Winter MW	45%	Above Goal
Annual GWh	38%	Above Goal