GUNSTER
FLORIDA'S LAW FIRM FOR BUSINESS

June 19, 2023

Writer's E-Mail Address: bkeating@gunster.com

VIA E-PORTAL

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

Re: Docket No. 20230000-OT – Undocketed Filings for 2023.

Dear Mr. Teitzman:

Attached for electronic filing on behalf of Florida Public Utilities Company, please find the Company's Revised Annual Conservation Report, filed in accordance with Rule 25-17.0021(5), F.A.C .

Should you have any questions whatsoever, please do not hesitate to contact me. Thank you for your assistance in this matter.

Sincerely,

Beth Keating
Gunster, Yoakley & Stewart, P.A.
215 South Monroe St., Suite 618
Tallahassee, FL 32301
(850) 521-1706

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Cc:///(Trieweiler, Imig)

2022 ANNUAL CONSERVATION REPORT

Florida Public Utilities Company

March 1st, 2023 (Revised June 19, 2023)

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1 Introduction

This document contains Florida Public Utilities Company's (FPUC) annual report summarizing its demand-side management activities and the total actual achieved results for its approved DSM goals for the 2022 calendar year in accordance with 25-17.0021 (5) FAC. FPUC's 2014 conservation goals were approved in Order No. PSC-14-0696-FOF-EU dated December 29, 2014. In this document, FPUC's conservation plan performance for 2022 is compared to the 2014 goals. FPUC's 2015 Demand-Side Management (DSM) Plan, which was developed to meet the 2014 conservation goals, significantly changed FPUC's conservation programs. These changes were implemented with the approval of the 2015 DSM plan with Consummating Order No. PSC-15-0326-PAA-EG dated August 11, 2015.

2 Comparison to 2014 Goals

Tables 2-1 through 2-6 present FPUC's 2022 demand and energy conservation program savings compared to the 2014 goals for residential, commercial/industrial, and total both at the generator and meter. Order No. PSC-14-0696-FOF-EU only specifies goals at the generator. For Tables 2-4 through 2-6 at the meter, the goals from PSC-14-0696-FOF-EU are reduced by losses. Detailed performance of the individual programs is shown in Section 3.0.

Table 2-1 Residential Class Programs (At the Generator)

Year	Winter Peak (MW) Reduction			Summer Peak (MW) Reduction			GWh Energy Reduction		
	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance
2011	0.470	0.130	265.12%	0.770	0.200	285.59%	1.650	0.510	224.22%
2012	0.350	0.130	159.58%	0.540	0.200	167.39%	1.160	0.510	127.48%
2013	0.390	0.130	197.50%	0.630	0.200	212.53%	1.340	0.510	163.45%
2014	0.430	0.130	230.77%	0.680	0.200	240.00%	1.480	0.510	190.20%
2015	0.428	0.012	3464.61%	0.756	0.036	2000.46%	1.459	0.023	6245.17%
2016	0.263	0.015	1655.35%	0.462	0.046	903.69%	0.894	0.030	2879.31%
2017	0.248	0.018	1279.48%	0.440	0.056	686.59%	0.849	0.038	2134.26%
2018	0.225	0.022	920.68%	0.399	0.067	495.88%	0.769	0.045	1608.60%
2019	0.107	0.025	428.00%	0.188	0.078	241.03%	0.387	0.053	730.38%
2020	0.142	0.028	507.86%	0.253	0.089	283.43%	0.488	0.060	812.74%
2021	0.095	0.031	307.28%	0.167	0.099	168.98%	0.3177	0.067	474.21%
2022	0.101	0.034	297.05%	0.174	0.073	238.89%	0.3196	0.073	437.80%

Table 2-2 Commercial/Industrial Class Programs (At the Generator)

Year	Winter Peak (MW) Reduction			Summer Peak (MW) Reduction			GWh Energy Reduction		
	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance
2011	0.080	0.060	39.40%	0.120	0.230	-46.67%	0.410	0.780	-47.07%
2012	0.050	0.060	-23.36%	0.070	0.230	-69.44%	0.200	0.780	-74.20%
2013	0.040	0.060	-31.92%	0.060	0.230	-72.60%	0.180	0.780	-77.26%
2014	0.130	0.060	116.67%	0.200	0.230	-13.04%	0.700	0.780	-10.25%
2015	0.002	0.010	-78.20%	0.004	0.012	-67.00%	0.008	0.055	-86.28%
2016	0.039	0.008	389.50%	0.072	0.027	165.74%	0.143	0.078	82.71%
2017	0.000	0.009	-100.00%	0.000	0.031	-100.00%	0.000	0.094	-100.00%
2018	0.000	0.018	-100.00%	0.043	0.039	9.15%	0.109	0.115	-5.56%
2019	0.000	0.018	-100.00%	0.010	0.045	-77.56%	0.0269	0.148	-81.79%
2020	0.001	0.018	-93.94%	0.018	0.052	-65.42%	0.0442	0.168	-73.70%
2021	0.002	0.018	-88.88%	0.004	0.058	-93.10%	0.0073	0.182	-95.98%
2022	0.000	0.027	-100.00%	0.000	0.058	-100.00%	0.0000	0.202	-100.00%

Table 2-3 Total Savings Across All Programs and Classes (At the Generator)

Year	Winter Peak (MW) Reduction			Summer Peak (MW) Reduction			GWh Energy Reduction		
	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance
2011	0.560	0.190	193.84%	0.890	0.430	107.87%	2.070	1.290	60.18%
2012	0.380	0.190	101.65%	0.610	0.430	40.70%	1.360	1.290	5.50%
2013	0.430	0.190	125.06%	0.690	0.430	60.02%	1.520	1.290	17.90%
2014	0.560	0.190	194.74%	0.890	0.430	106.98%	2.180	1.290	68.99%
2015	0.430	0.022	1854.24%	0.760	0.057	1233.55%	1.467	0.078	1780.69%
2016	0.302	0.023	1215.05%	0.533	0.073	630.75%	1.036	0.108	859.54%
2017	0.248	0.027	819.65%	0.440	0.087	406.31%	0.849	0.132	543.20%
2018	0.225	0.040	461.38%	0.442	0.106	316.80%	0.877	0.160	448.42%
2019	0.107	0.043	248.84%	0.198	0.123	160.98%	0.414	0.201	206.00%
2020	0.143	0.046	311.50%	0.271	0.141	192.54%	0.532	0.228	233.26%
2021	0.097	0.049	198.48%	0.171	0.157	109.10%	0.325	0.249	130.52%
2022	0.101	0.061	167.55%	0.174	0.169	129.44%	0.3196	0.275	116.21%

Table 2-4 Residential Class Programs (At the Meter)

Year	Winter Peak (MW) Reduction			Summer Peak (MW) Reduction			GWh Energy Reduction		
	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance
2011	0.450	0.110	323.30%	0.740	0.200	268.14%	1.580	0.480	227.76%
2012	0.320	0.110	192.90%	0.510	0.200	155.29%	1.110	0.480	130.75%
2013	0.370	0.110	235.68%	0.600	0.200	198.39%	1.280	0.480	167.24%
2014	0.410	0.110	272.73%	0.650	0.200	225.00%	1.420	0.480	195.83%
2015	0.390	0.011	3463.73%	0.689	0.033	2000.30%	1.416	0.022	6245.22%
2016	0.240	0.014	1654.92%	0.421	0.042	903.61%	0.867	0.029	2879.33%
2017	0.226	0.016	1279.14%	0.401	0.051	686.53%	0.824	0.037	2134.28%
2018	0.205	0.020	920.43%	0.364	0.061	495.84%	0.746	0.044	1608.61%
2019	0.118	0.023	513.04%	0.206	0.071	29.01%	0.399	0.048	831.58%
2020	0.128	0.024	536.25%	0.231	0.084	275.12%	0.473	0.055	859.98%
2021	0.086	0.028	307.28%	0.151	0.089	168.98%	0.286	0.060	474.21%
2022	0.091	0.031	293.54%	0.157	0.152	153.59%	0.288	0.066	436.36%

Table 2-5 Commercial/Industrial Class Programs (At the Meter)

Year	Winter Peak (MW) Reduction			Summer Peak (MW) Reduction			GWh Energy Reduction		
	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance
2011	0.080	0.050	52.10%	0.120	0.200	-41.81%	0.390	0.750	-47.45%
2012	0.040	0.050	-12.20%	0.070	0.200	-65.00%	0.190	0.750	-74.39%
2013	0.040	0.050	-22.00%	0.060	0.200	-71.52%	0.170	0.750	-77.42%
2014	0.120	0.050	140.00%	0.190	0.200	-5.00%	0.670	0.750	-10.67%
2015	0.002	0.009	-78.27%	0.004	0.011	-67.07%	0.007	0.053	-86.28%
2016	0.036	0.007	389.30%	0.065	0.025	166.17%	0.138	0.076	82.71%
2017	0.000	0.008	-100.00%	0.000	0.028	-100.00%	0.000	0.091	-100.00%
2018	0.000	0.016	-100.00%	0.039	0.036	10.14%	0.105	0.112	-5.56%
2019	0.000	0.017	-100.00%	0.010	0.041	-73.43%	0.003	0.135	-79.41%
2020	0.001	0.017	-94.18%	0.016	0.047	-65.3%	0.043	0.152	-71.80%
2021	0.002	0.016	-87.50%	0.004	0.052	-76.92%	0.007	0.164	-95.73%
2022	0.000	024.0	-100.00%	0.000	0.052	-100.00%	0.000	0.182	-100.00%

Table 2-6 Total Savings Across All Programs and Classes (At the Meter)

Year	Winter Peak (MW) Reduction			Summer Peak (MW) Reduction			GWh Energy Reduction		
	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance	Total Achieved	Commission Approved Goal	% Variance
2011	0.530	0.160	237.79%	0.850	0.410	105.81%	1.970	1.230	60.99%
2012	0.370	0.160	128.80%	0.580	0.410	40.91%	1.300	1.230	5.67%
2013	0.410	0.160	155.16%	0.650	0.410	59.45%	1.450	1.230	18.06%
2014	0.540	0.160	237.50%	0.850	0.410	107.32%	2.090	1.230	69.92%
2015	0.392	0.020	1853.73%	0.692	0.052	1233.44%	1.423	0.076	1780.70%
2016	0.275	0.021	1214.70%	0.486	0.067	630.86%	1.005	0.105	859.55%
2017	0.226	0.025	819.42%	0.401	0.079	406.27%	0.824	0.128	543.20%
2018	0.205	0.036	461.24%	0.403	0.097	317.14%	0.851	0.155	448.43%
2019	0.118	0.039	303.56%	0.216	0.112	192.86%	0.426	0.183	233.30%
2020	0.129	0.041	316.32%	0.247	0.128	193.28%	0.515	0.207	249.20%
2021	0.088	0.044	200.00%	0.154	0.142	108.45%	0.293	0.224	130.54%
2022	0.091	0.044	206.81%	0.157	0.142	110.56%	0.288	0.224	128.57%

Summary of FPUC's DSM Goal Performance

Doing so for the eighth consecutive year, FPUC significantly exceeded the residential winter peak demand goal, the summer peak demand goal, and energy reduction goals in 2022. FPUC Residential Programs exceeded the total winter peak demand goal by 278%, the residential summer peak demand goal by 231%, and the total energy reduction goal by 435%.

While Residential DSM goals were exceeded, Commercial were not, as program participation among commercial customers continues to be a struggle.

In 2022 FPUC's Total Savings Across All Programs results exceeded the winter peak demand goal (by 193%), the summer peak demand goal (129%), and energy reduction goals (116%). These results were largely attributed to strong participation in the residential HVAC Program, even with program participation rates down from the prior year.

3 Existing Programs and 2014 Goals

FPUC's 2015 Demand-Side Management Plan was approved in August 2015. Under this plan, FPUC implemented the following programs.

- Residential Energy Survey
- Residential Heating and Cooling Upgrade
- Commercial Heating and Cooling Upgrade
- Commercial Chiller
- Commercial Reflective Roof

Tables 3-1 through 3-7 present the performance for each of the programs.

Table 3-1 Residential Energy Survey Current Participation and Expected Future Savings

Year	Number of Customers	Number of Eligible Customers	Annual Program Participants	Cumulative Program Participants	Total Penetration Level
2015	23,284	23,284	354	354	1.52%
2016	23,335	23,335	280	634	2.72%
2017	23,387	23,387	180	814	3.48%
2018	23,513	23,513	148	962	4.09%
2019	23,639	23,639	123	1085	4.58%
2020	24,573	24,573	83	1168	4.75%
2021	25,299	25,299	108	1276	5.04%
2022	25,565	25,565	74	1,350	5.28%

Year	Actual/ Projected Participants	Reduction Per Installation			Total Annual Reduction		
		kWh	Winter kW	Summer kW	kWh	Winter kW	Summer kW
At The Meter							
2015	354	141	0.057	0.049	50,065	20	17
2016	280	141	0.057	0.049	39,599	16	14
2017	180	141	0.057	0.049	25,457	10	9
2018	148	141	0.057	0.049	20,931	8	7
2019	123	141	0.057	0.049	17,343	7	6
2020	83	141	0.057	0.049	11,703	4.7	4.1
2021	108	141	0.057	0.049	15,228	6.1	5.2
2022	74	141	0.057	0.049	10,434	4.3	3.6
At The Generator							
2015	354	146	0.063	0.054	51,613	22	19
2016	280	146	0.063	0.054	40,824	18	15
2017	180	146	0.063	0.054	26,244	11	10
2018	148	146	0.063	0.054	21,578	9	8
2019	123	146	0.063	0.054	17,985	8	7
2020	83	146	0.063	0.054	12,118	5.2	4.5
2021	108	146	0.063	0.054	15,768	6.8	5.8
2022	74	146	0.063	0.054	10,804	4.7	4.0

Table 3-2 Residential Heating & Cooling Upgrade Current Participation and Expected Future Savings

Year	Number of Customers	Number of Eligible Customers	Annual Program Participants	Cumulative Program Participants	Total Penetration Level
2015	23,284	23,284	373	373	1.60%
2016	23,335	23,335	226	599	2.57%
2017	23,387	23,387	218	817	3.49%
2018	23,513	23,513	198	1015	4.32%
2019	23,639	23,639	101	1116	4.72%
2020	24,573	24,573	126	1242	5.05%
2021	25,299	25,299	90	1332	3.56%
2022	25,565	25,565	92	1424	5.57%

Year	Actual/ Projected Participants	Reduction Per Installation			Total Annual Reduction		
		kWh	Winter kW	Summer kW	kWh	Winter kW	Summer kW
At The Meter							
2015	373	3,661	0.99	1.80	1,365,553	369	671
2016	226	3,661	0.99	1.80	827,386	224	407
2017	218	3,661	0.99	1.80	798,098	216	392
2018	198	3,661	0.99	1.80	724,878	196	356
2019	101	3,661	0.99	1.80	369,761	100	182
2020	126	3,661	0.99	1.80	461,286	124	227
2021	90	3,661	0.99	1.80	329,490	89	162
2022	92	3,661	0.99	1.80	309,212	91	166
At The Generator							
2015	373	3,774	1.087	1.976	1,407,777	405	737
2016	226	3,774	1.087	1.976	852,969	246	447
2017	218	3,774	1.087	1.976	822,776	237	431
2018	198	3,774	1.087	1.976	747,292	215	391
2019	101	3,774	1.087	1.976	381,174	110	199
2020	126	3,774	1.087	1.976	475,524	137	249
2021	90	3,774	1.087	1.976	339,660	98	178
2022	92	3,774	1.087	1.976	339,698	101	182

Table 3-3 Commercial Heating & Cooling Current Participation and Expected Future Savings

Year	Number of Customers	Number of Eligible Customers	Annual Program Participants	Cumulative Program Participants	Total Penetration Level
2015	4,275	4,275	2	2	0.05%
2016	4,275	4,275	4	6	0.14%
2017	4,275	4,275	0	6	0.14%
2018	4,275	4,275	0	6	0.14%
2019	4,275	4,275	0	6	0.14%
2020	4,243	4,275	1	7	0.16%
2021	4,396	4,396	2	9	2.05%
2022	4,467	4,467	0	9	2.01%

Year	Actual/ Projected Participants	Reduction Per Installation			Total Annual Reduction		
		kWh	Winter kW	Summer kW	kWh	Winter kW	Summer kW
At The Meter							
2015	2	3,661	0.99	1.80	7,322	2	4
2016	4	3,661	0.99	1.80	14,644	4	7
2017	0	3,661	0.99	1.80	0	0	0
2018	0	3,661	0.99	1.80	0	0	0
2019	0	3,661	0.99	1.80	0	0	0
2020	1	3,661	0.99	1.80	3,661	.99	1.8
2021	2	3,3661	0.99	1.80	7,322	1.98	3.6
2022	0	3,3661	0.99	1.80	0	0	0
At The Generator							
2015	2	3,774	1.09	1.98	7,548	2	4
2016	4	3,774	1.09	1.98	15,097	4	8
2017	0	3,774	1.09	1.98	0	0	0
2018	0	3,774	1.09	1.98	0	0	0
2019	0	3,774	1.09	1.98	0	0	0
2020	1	3,774	1.09	1.98	3,774	1.09	1.98
2021	2	3,774	1.09	1.98	7,548	2.18	3.96
2022	0	3,774	1.09	1.98	0	0	0

Table 3-4 Commercial Chiller Current Participation and Expected Future Savings

Year	Number of Customers	Number of Eligible Customers	Annual Program Participants	Cumulative Program Participants	Total Penetration Level
2015	4,275	4,275	0	0	0.00%
2016	4,275	4,285	1	1	0.02%
2017	4,275	4,294	0	1	0.02%
2018	4,275	4,317	0	1	0.02%
2019	4,275	4,340	0	1	0.02%
2020	4,275	4,364	0	1	0.02%
2021	4,396	4,396	0	1	0.02%
2022	4,467	4,467	0	1	0.02%

Year	Actual/ Projected Participants	Reduction Per Installation			Total Annual Reduction		
		kWh	Winter kW	Summer kW	kWh	Winter kW	Summer kW
At The Meter							
2015	0	81,943	31.70	42.80	0	0	0
2016	1	81,943	31.70	42.80	81,943	32	43
2017	0	81,943	31.70	42.80	0	0	0
2018	0	81,943	31.70	42.80	0	0	0
2019	0	81,943	31.70	42.80	0	0	0
2020	0	81,943	31.70	42.80	0	0	0
2021	0	81,943	31.70	42.80	0	0	0
2022	0	81,943	31.70	42.80	0	0	0
At The Generator							
2015	0	84,477	34.80	47.00	0	0	0
2016	1	84,477	34.80	47.00	84,477	35	47
2017	0	84,477	34.80	47.00	0	0	0
2018	0	84,477	34.80	47.00	0	0	0
2019	0	84,477	34.80	47.00	0	0	0
2020	0	84,477	34.80	47.00	0	0	0
2021	0	84,477	34.80	47.00	0	0	0
2022	0	81,943	31.70	42.80	0	0	0

Table 3-5 Commercial Reflective Roof Current Participation and Expected Future Savings

Year	Number of Customers	Number of Eligible Customers	Annual Program Participants	Cumulative Program Participants	Total Penetration Level
2015	13,600	13,600	0	0	0.00%
2016	13,600	13,600	17	17	0.13%
2017	13,600	13,600	0	17	0.13%
2018	13,600	13,600	43	60	0.44%
2019	13,600	13,600	11	71	0.44%
2020	7,243	7,243	16	87	1.20%
2021	4,396	4,396	0	87	1.97%
2022	4,467	4,467	0	87	1.94%

Year	Actual/ Projected Participants	Reduction Per Installation			Total Annual Reduction		
		kWh	Winter kW	Summer kW	kWh	Winter kW	Summer kW
At The Meter							
2015	0	2,450	0.00	0.91	0	0	0
2016	17	2,450	0.00	0.91	41,650	0	15
2017	0	2,450	0.00	0.91	0	0	0
2018	43	2,450	0.00	0.91	105,350	0	39
2019	11	2,450	0.00	0.91	26,950	0	10.1
2020	16	2,450	0.00	0.91	39,200	0	14.56
2021	0	2,450	0	0.91	0	0	0
2022	0	2,450	0	0.91	0	0	0
At The Generator							
2015	0	2,526	0.00	0.99	0	0	0
2016	17	2,526	0.00	0.99	42,938	0	17
2017	0	2,526	0.00	0.99	0	0	0
2018	43	2,526	0.00	0.99	108,607	0	43
2019	11	2,526	0.00	0.99	27,786	0	10
2020	16	2,526	0.00	0.99	40,416	0	16
2021	0	2,526	0.00	0.99	0	0	0
2022	0	2,526	0.00	0.99	0	0	0

Summary of DSM Program Participation

Residential

The Residential Energy Survey program (Table 3-1) experienced a decrease in participation from 2021, but these losses in energy savings were offset by increases in participation among the Residential HVAC Program. This year over year participation improvement in the residential HVAC rebate program led to an estimated savings of 340,000 kWh and drive the majority of FPUC energy savings in 2022. Note, Revised 5/30/23, the FPUC Annual DSM report has been revised to correct the number of reported Residential Survey's reported in 2022, from 63 to 74 total participants.

Commercial

Tables 3-3 Through 3-5 illustrate activity from FPUC's three (3) Commercial programs, all three have experienced low participation rates since they began in 2015. Participation in Commercial programs continues to be a struggle, as was the case in 2022.

Totals Goals

FPUC achieved its Total winter peak demand, summer peak demand, and energy reduction goals across all programs and classes largely due to the success of the Residential HVAC Rebate Program.

3.1 PROGRAM COSTS

The per installation cost and total program cost for FPUC for each program for 2022 are presented in Table 3-6 for each program. The total program costs are based on the actual 2022 direct costs to each program subledger and the Cost Per Installation is the direct cost dived by the number of program participants.

Table 3-6 Program Costs

Program	2022 Per Installation Cost	2022 Total Program Cost
Commercial Chiller	N/A*	$3,823.33
Commercial Energy Consultation	$1,153	$1,153
Commercial Heating & Cooling	N/A	$4,621
Commercial Reflective Roofing	N/A	$4,621
Residential Energy Survey	$572.44	$42,361
Residential Heating & Cooling	$449	$25,949

*N/A representing zero participation in 2022

3.2 NET BENEFITS

The annual net benefits for each program are shown in Table 3-7 based on the 2022 actual program cost (direct + indirect costs) versus avoided costs for electricity generation, transmission, and distribution developed for the 2015 Demand-Side Management Plan. In order to have a single avoided energy and capacity cost for evaluating cost effectiveness of the conservation programs, the avoided purchase power costs for each program were weighted and averaged using the Net Energy for Load for the Northeast and Northwest Divisions respectively.

Table 3-7 Annual Net Benefits

Program	2022 Annual Net Benefits
Commercial Chiller	($8,956)
Commercial Heating & Cooling	($9,754)
Commercial Reflective Roofing	($9,754)
Residential Energy Survey	($43,441)
Residential Heating & Cooling	$29,945

3.3 OTHER CONSERVATION ACTIVITIES

Since the implementation of a new 2015 DSM plan, FPU has focused on providing its customers and contractors with information about its new programs. Given the small size of FPU's Commercial/Industrial customer base, program goals for these customers have been historically difficult to meet, and this was once again the case in 2022. For the Commercial Heating and Cooling and Commercial Reflective Roof programs and Commercial Chiller programs, FPU continues to work with industry partners and contractors in its service territories to promote these programs to its customers. FPU will continue its participation in education and advertising opportunities that promote each program to its target audience.

Florida Public Utilities Electric DSM Programs have at their heart, the welfare of the communities we serve. One of the benefits of being a small utility in smaller communities is the family aspect of what we do. For example, our energy conservation representatives in both the Northeast and Northwest Divisions are very active in their communities and use our community involvement and sponsorships to communicate the benefits of energy conservation and energy efficiency. Both representatives are involved with local Chambers of Commerce and are widely known in their communities. One of the evidences of this is when there is a crisis. During hurricanes our representatives staff the Emergency Operation Centers in their respective territories. They are familiar with key people in differing roles of authority in their communities and are often the first point of contact due to their involvement.

Conservation Demonstration & Development (CDD)

FPUC completed it's Conservation Demonstration & Development (CDD) battery study through in December 2021. FPUC then filed a comprehensive final report to summarize the findings in May of 2022.

FPUC started another CDD effort in 2021, which targets commercial customers, and has run through 2022 and will end in 2023. This CDD effort will examine technologies and systems that increase the electrical efficiency for certain large commercial and industrial customers with specified load types. This study will examine a mechanical control device that reduces energy consumption by balancing and increasing voltage across all phases of supply, effectively lowering kW demand and reducing overall energy consumption of the electric circuit. A final report will be produced following the expected completion of this CDD project.