



November 21, 2013

VIA ELECTRONIC DELIVERY

Ms. Ann Cole, Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

Re: Docket 130000-OT – 2013 FEECA Report Data Collection

Dear Ms. Cole:

Please find enclosed for filing on behalf of Duke Energy Florida, Inc., DEF's Response to Staff's First Data Request issued on November 7, 2013 in the above-referenced matter.

Please let me know if you have any questions. I can be reached at (850) 521-1428. Thank you for your assistance in this matter.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew R. Bernier".

Matthew R. Bernier

MRB:at
Enclosure

Docket 130000-OT – 2013 FEECA Report Data Collection

DEF’s Response to Staff’s 1st Data Request

1. In 2010, the Commission began measuring goals on an annual basis. However, some FEECA utilities did not have their new programs approved until late 2010. Please use the attached table to provide the following:
 - Using the former 2004 goals measuring system as a baseline, please provide the cumulative demand and energy savings achieved in 2005 – 2009. All savings should be at the generator.

Response:

Cumulative Savings Achieved - vs - Cumulative Goals Using the 2004 goals measuring system as a baseline

Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %
2005	58	49	18%	28	18	57%	35	25	36%
2006	117	87	35%	56	30	90%	72	43	65%
2007	201	125	61%	109	43	151%	123	63	97%
2008	310	166	87%	195	55	255%	208	82	155%
2009	414	204	103%	274	69	298%	301	101	198%

- For the 2010 - 2012 periods, please show annual goal achievements using the current goals established in 2009. All savings reported should be at the generator.

Response:

Annual Savings Achieved vs. Annual Goals									
Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %
2010	116	87	34%	80	93	-14%	124	293	-58%
2011	105	92	14%	69	98	-30%	119	301	-61%
2012	94	102	-8%	63	110	-43%	115	313	-63%

To ensure that DEF has fully responded to this data request, it is providing the tables below to show cumulative savings using the 2004 and the 2004/2009 goals over the 2005-2012 time period.

Cumulative Savings with Public Service Commission Established 2004 Goals:

Cumulative Savings Achieved vs. Cumulative Goals									
Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %
2005	58	49	18%	28	18	57%	35	25	36%
2006	117	87	35%	56	30	90%	72	43	65%
2007	201	125	61%	109	43	151%	123	63	97%
2008	310	166	87%	195	55	255%	208	82	155%
2009	414	204	103%	274	69	298%	301	101	198%
2010	530	244	117%	354	81	340%	425	120	254%
2011	635	289	120%	423	95	343%	543	140	288%
2012	729	333	119%	486	109	346%	659	160	312%

Cumulative Savings with Public Service Commission Established 2004 and 2009 Goals:

Cumulative Savings with Public Service Commission Established 2004 and 2009 Goals									
Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %
2005	58	49	18%	28	18	57%	35	25	36%
2006	117	87	35%	56	30	90%	72	43	65%
2007	201	125	61%	109	43	151%	123	63	97%
2008	310	166	87%	195	55	255%	208	82	155%
2009	414	204	103%	274	69	298%	301	101	198%
2010	530	290	83%	354	162	118%	425	393	8%
2011	635	382	66%	423	260	63%	543	694	-22%
2012	729	485	50%	486	370	31%	659	1,007	-35%

2. Please refer to the company's 2012 Annual Demand-Side Management report filed with the Commission in March 2013. Specifically, refer to the section in which demand and energy program savings are compared to Commission approved goals. If the utility failed to meet its Commission-approved goals in the Residential or Commercial/Industrial sector, please provide the following:
 - a. Identify the name of the program(s) that did not meet their projected participation levels which in-turn resulted in underachieving targeted goals, measured at the generator.

Response:

2012 Residential Programs that Did Not Meet Projected Participation Levels

Program Name	Target number of customers	Target energy savings GWh	Actual number of customers	Actual energy savings GWh
Home Energy Check	38,000	13,245	35,869	8,941
Neighborhood Energy Saver	3,251	3,562	2,558	3,154
Solar Water Heat with EM	2,250	4,137	588	620
Solar Water Heat Low Income	30	74,295	26	51
Residential Energy Mgmt	7,700	na	5,570	na

What actions will the utility take to increase the participation rate in its under performing residential programs in order to meet the Commission-approved goals?

Response: As noted in DEF's 2012 Annual Demand-Side Management report filed with the Commission in March 2013, DEF exceeded its annual and cumulative commercial goals. The value of demand and energy savings within DEF's customer base is unrelated to the origin of the savings; these achievements offset the rates of adoption with the residential segment. On a cumulative basis, DEF exceeded the winter peak MW reduction goal approved by the Commission with the installation of measures targeted to reduce winter peak demand, reflecting the design of the Company's approved programs that reduce the growth rates of weather sensitive peak demand. DEF developed internal demand and energy targets following the Commission's approval of its existing DSM Plan. Those internal targets are based on incentive levels and program mix contained within DEF's 2004 DSM Plan and include expected adjustments for the 2012 Florida Building Code. The individual program results depicted in the tables below reflect market response to program implementation of a variety of externalities combined with maturing programs and saturation levels of mature program offerings. DEF continues actions to maximize participation in its existing programs. This effort is demonstrated by the fact that DEF has exceeded its projected savings in many of its programs. Participation levels commensurate with the 2010 goals were not established at the program level as the associated plan was not approved. Relative to the 2004 goals and associated plan, all programs exceeded participation levels.

2012 Commercial/Industrial Programs that Did Not Meet Projected Participation Levels

Program Name	Target number of customers	Target energy savings GWh	Actual number of customers	Actual energy savings GWh
Better Business	2,601	46,146	1,803	57,119
Commercial Solar PV	23	1,019	11	1,417
Photovoltaic for Schools	10	177	2	177
Interruptible Service	1	na	1	5
Curtable Service	1	na	-	na

What actions will the utility take to increase the participation rate in its under performing commercial/industrial programs in order to meet the Commission-approved goals?

Response:

As noted in DEF's 2012 Annual Demand-Side Management report filed with the Commission in March 2013, DEF exceeded its annual and cumulative commercial goals. Although there is some variance in expected program participation, the commercial/industrial segment exceeded Commission approved goals. Thus no action is needed to increase the participation rate of these programs.

- b. Identify the name and rate class of the programs that exceeded their projected participation levels, measured at the generator.

Response:

2012 Residential Programs that Exceeded Projected Participation Levels

Program Name	Target number of customers	Target annual reduction kWh	Actual number of customers	Actual Annual Reduction kWh
Home Energy Improvement	26,511	19,879,112	45,842	18,433,620
Residential New Construction	12,742	5,270,095	24,833	13,935,893
Low Income Weatherization	1,641	442,887	5,443	2,254,723
Residential Solar PV	100	892,528	106	1,276,418

2012 Commercial/Industrial Programs that Exceeded Projected Participation Levels

Program Name	Target number of customers	Target annual reduction kWh	Actual number of customers	Actual Annual Reduction kWh
Business Energy Check	2,041	645,172	2,114	668,369
Commercial/Industrial Constructo	167	5,458,840	368	7,247,452
Innovative Incentive	2		29	655,066
Standby Generation	10	22,329	11	34,251

3. Please use the chart below to provide the annual number of Residential and Commercial/Industrial energy audits performed during the 2010-2012 periods.

Response:

Customer Audits Performed during the 2010 – 2012 Periods

Type of Audit	# of Audits 2010	# of Audits 2011	# of Audits 2012
Res On-Line	31,121	20,223	17,027
Res Mail-in	1,054	339	423
Res in-home	30,021	24,748	18,419
Res Total	62,196	45,310	35,869
Commercial	2,978	2,488	2,041
Industrial	37	85	73

Note: Residential Online is comprised of Internet and Phone, and Residential Mail-In is comprised of Mail-In and Student.

4. Pursuant to Order No. PSC-09-0855-FOF-GU, the Commission directed the investor-owned utilities to spend 10 percent of their historic energy conservation cost recovery expenditures as an annual cap for solar water heating and solar photovoltaic pilot programs. If your utility had any active solar renewable programs in 2012, please complete the following table for each program.

Response:

Solar Programs Active in 2012

Name of Program	Program Implementation Date	Number of Installs (#)	Total Rebate Amount Paid to Customers (\$)	Total Program Expenditures (\$)
Solar for Schools	3/15/2011	2	\$1,482,569	\$1,543,544
Commercial Solar Photovoltaic	3/15/2011	11	\$853,415	\$886,728
Residential Solar Photovoltaic	3/15/2011	106	\$1,444,511	\$1,556,504
Solar Water Heating for Low Income Residential	3/15/2011	26	\$99,855	\$124,219
Solar Water Heating with Energy Management	3/15/2011	358	\$182,284	\$217,569
Research & Demonstration	3/15/2011	NA	NA	\$316,935

5. Please provide the utility's total energy sales (GWh) for the year 2012.

Response:

The total system billed energy sales (GWH) for Duke Energy Florida in 2012 were 38,149.