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September 22, 2014



Ms. Carlotta Stauffer, Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0850

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14 SEP 23 AM 9:14  
COMMISSION  
CLERK

Re: Docket No. 140000-OT-Undocketed Filings-2014 FEECA  
Report Data Collection Request

Dear Ms. Stauffer:

Enclosed for official filing is Gulf Power Company's response to Staff's First Data Request in regards to the 2014 FEECA Report.

Regards,

*Robert L. McGee, Jr. (CSO)*

Robert L. McGee, Jr.  
Regulatory and Pricing Manager

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Enclosures

cc w/encl.: Ms. Lee Eng Tan, Senior Attorney  
Office of General Counsel  
Mr. Jeffrey Stone  
Beggs & Lane

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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 in Excel format:
- 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.
  - For the 2010 - 2013 periods, please show annual goal achievements using the current goals established in 2009. All savings reported should be at the generator.

**RESPONSE:**

<b>Cumulative Savings Achieved - vs - Cumulative Goals</b>									
Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %
2005	9.24	12.40	-25%	14.25	16.60	-14%	17.68	5.20	240%
2006	14.99	22.90	-35%	22.88	29.30	-22%	21.38	10.30	108%
2007	20.20	32.40	-38%	29.79	40.00	-26%	26.05	15.70	66%
2008	20.27	39.90	-49%	30.43	46.70	-35%	28.22	21.20	33%
2009	22.59	47.40	-52%	32.97	53.50	-38%	37.79	26.70	42%
2010	2.12	6.40	-67%	5.29	8.70	-39%	1.90	38.20	-95%
2011	10.02	7.10	41%	12.54	9.90	27%	40.34	43.20	-7%
2012	27.23	8.20	232%	34.03	11.50	196%	76.68	48.30	59%
2013	27.54	9.40	193%	30.33	12.90	135%	95.65	53.30	79%

2. Please refer to Utility Company's 2013 Annual Demand-Side Management report filed with the Commission in March 2014. Specifically, refer to the section in which demand and energy program savings are compared to Commission approved goals. If the company failed to meet its Commission approved goals in the Residential or Commercial/Industrial sector, please provide the following in Excel format:
- 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. For each identified program, please complete the tables below in Excel format.

**RESPONSE:**

**2013 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
Community Energy Saver	2,500	2.01	2,220	1.78
Landlord Renter	750	.60	0	0
HVAC Early Retirement Tier 1	1,734	11.06	1,251	7.98
HVAC Early Retirement Tier 3	50	.39	41	.32
HVAC Efficiency Upgrade Tier 1	1,388	2.37	331	.57
HVAC Efficiency Upgrade Tier 2	196	.40	137	.28
HVAC ECM Fan	1,275	1.54	3	.003
Window Film	200	.17	160	.14
Self-Install EE Freezer	700	.06	174	.02
Self-Install EE Window	450	.21	233	.11
Self-Install EE Washer	3,500	.75	2,750	.59
Refrigerator Recycle	3,500	2.82	982	.79
Solar Thermal Water Heating	115	.24	23	.05

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

**RESPONSE:**

Gulf Power exceeded its Residential annual energy savings goal for 2013.

**2013 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
HVAC Retro Commissioning	800	3.42	254	1.09
Geothermal HP	250	.19	128	.10
Window Film	30,765	.37	9,805	.12
Premium Motor 6-50 HP	1,875	.19	371	.04
Premium Motor 51+ HP	2,400	.09	0	0
Food Service Oven	3	.006	1	.002
Food Service Griddle	1	.003	0	0
Food Service Holding Cabinet	8	.06	0	0
Food Service Ice Machine	12	.02	6	.01
Commercial Solar PV*	6	.04	3	.02

\*Actual Number of Customers\* includes on Solar for Schools installation.

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

**RESPONSE:**

Gulf Power exceeded its Commercial annual energy savings goal for 2013.

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

**2013 Residential Programs that Exceeded Projected Participation Levels**

Program Name	Target Number of Customers	Target Energy Savings GWh	Actual Number of Customers	Actual Energy Savings GWh
Home Energy Reporting	35,000	11.45	39,171	12.81
HVAC Maintenance	6,500	9.26	11,344	16.15
HVAC Early Retirement T2	245	1.67	674	4.59
HVAC Effic Upgrade T3	49	.18	85	.32
HVAC Duct Repair	4,200	6.33	8,021	12.08
HPWH	800	1.18	2,006	2.95
Ceiling Insulation	500	.31	509	.32
Window Replacement	500	.73	1,377	2.01
Reflective Roof	400	.45	517	.58
Variable Speed Pool Pump	350	.95	998	2.71
Energy Select/Energy Select LITE	1,600	.83	2,149	1.78
Self-Install EE Refrigerator	2,500	.74	2,753	.81
Residential Solar PV	40	.28	42	.29

**2013 Commercial/Industrial Programs that Exceeded Projected Participation Levels**

Program Name	Target Number of Customers	Target Energy Savings GWh	Actual Number of Customers	Actual Energy Savings GWh
HVAC Program	400	.28	2,731	1.94
Ceiling/Roof Insulation	101,959	.09	190,760	.17
Interior Lighting	150	.72	849	4.05
Interior Lighting LED	50	.24	966	4.61
Interior Lighting OCC Sensor	700	.61	4,277	3.73
Reflective Roof	400,000	1.07	1,730,233	4.62
HVAC OCC Sensor	250	.14	4,825	2.69
Premium Motor 1-5 HP	50	.009	62	.010
Food Service Fryer	5	.006	9	.011
Food Service Steamer	1	.07	4	.26

3. Please use the chart below to provide the annual number of Residential and Commercial/Industrial energy audits performed during the 2010-2013 periods. Please provide Excel version with your response.

**RESPONSE:**

**Customer Audits Performed during the 2010 - 2013 Periods**

Type of Audit	# of Audits 2010	# of Audits 2011	# of Audits 2012	# of Audits 2013
Residential on-line*	5,881	11,413	5,388	3,930
Residential Mail-in*	-	-	-	-
Residential in-home**	5,264	3,555	3,475	4,022
Residential Total	11,145	14,968	8,863	7,952
Commercial Total	472	577	420	567
Industrial Total***	-	-	-	-

\* On-line and mail-in audits are reported together.

\*\* Includes pre-construction audits.

\*\*\* Commercial and Industrial audits are reported together.

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 2013, please complete the following table for each program. Please add columns as necessary to provide other pertinent information that may be helpful to staff in determining whether these programs have been successful. Please provide Excel version with your response.

RESPONSE:

**Solar Programs Active in 2013**

Name of Program	Program Implementation Date	Number of Installs (#)	Incentive Amount Paid to Customers (\$)	Total Program Expenditures (\$)
Solar Photovoltaic	May 29, 2011	44	\$435,000.00	\$435,000.00
Solar Thermal Water Heating	May 29, 2011	22	\$22,000.00	\$22,000.00
Solar Thermal – Low Income	May 29, 2011	1	\$4,715.75	\$4,715.75
Solar For Schools	May 29, 2011	1	\$0.00	\$82,879.00
<b>Total</b>		<b>68</b>	<b>\$461,715.75</b>	<b>\$544,594.75</b>