

# AUSLEY & McMULLEN

ATTORNEYS AND COUNSELORS AT LAW

123 SOUTH CALHOUN STREET  
P.O. BOX 391 (ZIP 32302)  
TALLAHASSEE, FLORIDA 32301  
(850) 224-9115 FAX (850) 222-7560

November 21, 2013

VIA: ELECTRONIC FILING

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

Re: 2013 FEECA Report Data Collection  
FPSC Docket No. 130000-OT

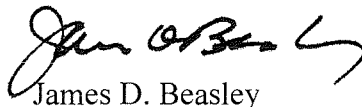
Dear Ms. Stauffer:

We enclose for filing in the above docket Tampa Electric Company's responses to Staff's First Data Request dated November 7, 2013.

Please acknowledge receipt and filing of the above by email reply to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/pp  
Enclosure

cc: Adam J. Teitzman (w/o enc.)

**TAMPA ELECTRIC COMPANY**  
**UNDOCKETED: 2013 FEECA**  
**REPORT DATA COLLECTION**  
**STAFF'S 1ST DATA REQUEST**  
**REQUEST NO. 1**  
**PAGE 1 OF 2**  
**FILED: NOVEMBER 21, 2013**

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.
  - 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.

**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									
2006									
2007									
2008									
2009									
2010									
2011									
2012									

- A. Tampa Electric has provided its 2005 through 2009 cumulative and 2010 through 2012 annual DSM achievements in the table below. The achieved savings are reported at the generator.

**TAMPA ELECTRIC COMPANY**  
**UNDOCKETED: 2013 FEECA**  
**REPORT DATA COLLECTION**  
**STAFF'S 1ST DATA REQUEST**  
**REQUEST NO. 1**  
**PAGE 2 OF 2**  
**FILED: NOVEMBER 21, 2013**

**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	8.1	5.0	162%	7.6	4.5	169%	16.6	13.7	121%
2006	12.6	8.7	145%	12.3	8.8	140%	31.2	25.4	123%
2007	23.5	19.8	119%	24.7	19.0	130%	53.4	42.1	127%
2008	74.4	27.3	272%	76.9	26.0	296%	84.2	52.3	161%
2009	87.3	34.5	253%	90.4	32.9	275%	126.6	62.6	202%
2010	17.9	7.3	245%	17.9	7.1	252%	33.7	16.3	207%
2011	22.0	9.6	229%	23.9	10.2	234%	52.2	24.6	212%
2012	14.5	11.6	125%	16.0	12.7	126%	31.5	33.1	95%

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.

**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

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

**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

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

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

**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

**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

- A.** a. For 2012 Tampa Electric met its Commission-approved demand and energy goals for the residential sector. In the Commercial/Industrial sector, the company met its summer and winter demand goals, but fell short on its energy goal. In the table below Tampa Electric has identified the name of the Commercial/Industrial programs that did not meet their projected energy goals thereby contributing to the 2012 shortfall.

Typically, participation in DSM programs is reactive to a customer's needs. In the Commercial/Industrial sector, participation usually hinges on either equipment needing to be replaced due to failure or equipment that is planned for replacement as a matter of scheduled retirement.

Tampa Electric continually offers its approved DSM programs, but individual business decisions will dictate when participation in the company's programs actually occurs. For instance, when customers plan the necessary equipment replacement work it could span over two years depending on the size of the project, equipment procurement schedules and the customer's funding sources. Therefore, a project may start in one year, but not reach completion until the next year and that project will not be counted as a participant until the total project is complete and the incentive is paid. This normal sequence of activity will then effect DSM

program participation and give rise to the ebb and flow of participation rates with the company's programs.

One additional factor can influence DSM annual accomplishments. The actual savings per participant can vary from one year to the next depending on the size of Commercial/Industrial customers participating in the programs. One example would be the Commercial Lighting program. During a specific year, if program participants installed a lesser number of upgraded lighting fixtures than was projected, the savings per participant would be smaller. Therefore, it would take a larger number of participants to reach the annual DSM projection for that program in that given year. The converse is also true. Therefore, the number of participants in the Commercial/Industrial sector is not the only determinant for DSM goal accomplishment. The savings per participant is also critical. This phenomenon supports the more reasonable approach of managing a utility's accountability for DSM goals on a cumulative basis and not on an annual basis.

In general, the company has met or exceeded its DSM goals since 2010 on a cumulative basis, even though for 2012 a shortfall in the Commercial/Industrial sector energy goal occurred. However, through October 2013, Tampa Electric has met all of its Commission approved annual DSM goals.

**TAMPA ELECTRIC COMPANY**  
**UNDOCKETED: 2013 FEECA**  
**REPORT DATA COLLECTION**  
**STAFF'S 1ST DATA REQUEST**  
**REQUEST NO. 2**  
**PAGE 5 OF 6**  
**FILED: NOVEMBER 21, 2013**

**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
Free C/I Audit	1,300	1.0283	587	0.4643
Comprehensive C/I Audit	1	0.0007	0	0.0000
Duct Repair	1,500	5.9055	643	0.9324
Window Film	30	0.0882	16	0.0411
Roof insulation	5	0.0025	0	0.0000
Efficient Motors	30	0.0308	1	0.0007
Commercial Cooling-DX	225	0.6950	43	0.1123
Commercial Cooling-PTAC	50	0.0411	15	0.0049
Chiller	12	1.0404	4	0.2577
Lighting Unconditioned Space	15	2.2038	18	1.6421
Exit Signs	520	0.8190	0	0.0000
Water Heating	2	0.0061	0	0.0000
Conservation Value	3	0.3677	7	0.2507
HVAC Re-commissioning	400	0.8080	87	0.2849
Electronically Commutated Motors	80	0.4544	0	0.0000
Energy Recovery Ventilation	23	0.0644	0	0.0000
Refrigeration (Anti-Condensate)	2	0.0180	0	0.0000
Commercial Photovoltaics	20	0.3337	7	0.1018



- b. Tampa Electric has identified the name of the Commercial/Industrial programs that exceeded their projected participation levels, in the table below.

**2012 Commercial/Industrial Programs that Exceeded Projected Participation Levels**

Program Name	Target Number of Customers	Target Annual Reduction GWh	Actual Number of Customers	Actual Annual Reduction GWh
Ceiling Insulation	5	0.0122	79	0.1861
Wall Insulation	1	0.0007	1	0.0015
Lighting Conditioned Space	40	2.9962	58	3.5317
Occupancy Sensors	35	0.2241	11	0.3251
Demand Response	1	0.0397	7	0.0793
Standby Generator	2	0.0990	2	0.1071
Cool Roof	47	1.0080	48	2.1006

**TAMPA ELECTRIC COMPANY**  
**UNDOCKETED: 2013 FEECA**  
**REPORT DATA COLLECTION**  
**STAFF'S 1ST DATA REQUEST**  
**REQUEST NO. 3**  
**PAGE 1 OF 1**  
**FILED: NOVEMBER 21, 2013**

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

**Customer Audits Performed during the 2010 - 2012 Periods**

Type of Audit	# of Audits 2010	# of Audits 2011	# of Audits 2012
Residential on-line			
Residential Main-in			
Residential in-home			
Residential Total			
Commercial Total			
Industrial Total			

- A. Tampa Electric's energy audit activity for the 2010 – 2012 periods is provided in the table below. The company does not distinguish between commercial and industrial audits; therefore, both types of audits are combined.

**Customer Audits Performed during the 2010 - 2012 Periods**

Type of Audit	# of Audits 2010	# of Audits 2011	# of Audits 2012
Residential On-line	1,957	1,398	1,064
Residential Telephone	11	5	1
Residential In-home	10,291	8,652	7,908
Residential Total	12,259	10,055	8,973
Commercial/Industrial Total	652	505	587

**TAMPA ELECTRIC COMPANY**  
**UNDOCKETED: 2013 FEECA**  
**REPORT DATA COLLECTION**  
**STAFF'S 1ST DATA REQUEST**  
**REQUEST NO. 4**  
**PAGE 1 OF 1**  
**FILED: NOVEMBER 21, 2013**

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.

**Solar Programs Active in 2012**

Name of Program	Program Implementation Date	Number of Installs (#)	Total Rebate Amount Paid to Customers (\$)	Total Program Expenditures (\$)

- A. Tampa Electric's activities and expenditures for its renewable pilot initiatives are listed in the table below. For two of the programs (Solar for Schools and Low-Income Water Heating) there were no incentives paid. In those two programs and in accordance with approved program description and standards, the entire system was provided to each participant at no cost.

**Solar Programs Active in 2012**

Name of Program	Program Implementation Date	Number of Installs (#)	Total Rebate Amount Paid to Customers (\$)	Total Program Expenditures (\$)
Photovoltaic ("PV")	04/18/2011	70	N/A	\$1,444,639
Solar for Schools	04/18/2011	1		\$109,046
Water Heating	04/18/2011	25	N/A	\$46,931
Low-Income Water Heating	04/18/2011	5		\$24,981

**TAMPA ELECTRIC COMPANY  
UNDOCKETED: 2013 FEECA  
REPORT DATA COLLECTION  
STAFF'S 1ST DATA REQUEST  
REQUEST NO. 5  
PAGE 1 OF 1  
FILED: NOVEMBER 21, 2013**

- 5.** Please provide the utility's total energy sales (GWh) for the year 2012.
  - A.** For 2012, Tampa Electric had total retail energy sales of 18,412 GWh.