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July 21, 2015

**VIA: ELECTRONIC FILING**

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

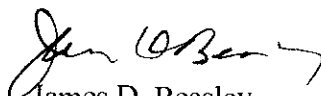
Re: Docket No. 150000-OT – Undocketed  
2015 FEECA Report Data Collection

Dear Ms. Stauffer:

Attached for filing in the above docket is Tampa Electric Company's Responses to Staff's First Data Request (Nos. 1-5) dated June 30, 2015.

Thank you for your assistance in connection with this matter.

Sincerely,

  
James D. Beasley

JDB/pp  
Attachment

cc: Lee Eng Tan (w/attachment)



**TAMPA ELECTRIC COMPANY  
 UNDOCKETED: 2015 FEECA  
 REPORT DATA COLLECTION  
 STAFF'S 1ST DATA REQUEST  
 REQUEST NO. 1  
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**A.** Tampa Electric has provided its 2006 through 2014 cumulative and 2010 through 2014 annual DSM achievements in the table below. The achieved savings are reported at the generator. The electronic version of this table is available in the enclosed CD.

<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	+ (-) %
2006	12.7	8.7	145.98%	12.3	8.8	139.77%	31.2	25.4	122.83%
2007	23.5	19.8	118.69%	24.7	19.0	130.00%	53.4	42.1	126.84%
2008	74.4	27.3	272.53%	76.9	26.0	295.77%	84.1	52.3	160.80%
2009	87.2	34.5	252.75%	90.3	32.9	274.47%	126.5	62.6	202.08%
2010	17.9	7.3	245.21%	17.9	7.1	252.11%	33.7	16.3	206.75%
2011	39.9	16.9	236.09%	41.8	17.3	241.62%	85.9	40.9	210.02%
2012	54.4	28.5	190.88%	57.8	30.0	192.67%	117.4	74.0	158.65%
2013	74.5	41.3	180.39%	79.8	45.0	177.33%	167.0	110.8	150.72%
2014	101.1	55.0	183.82%	105.4	61.2	172.22%	233.4	152.9	152.65%
<b>Annual Savings Achieved – vs. – Annual Goals</b>									
Year	Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %	Achieved	Goal	+ (-) %
2010	17.9	7.3	245.20%	17.9	7.1	252.10%	33.7	16.3	206.70%
2011	22	9.6	229.20%	23.9	10.2	234.30%	52.2	24.6	212.20%
2012	14.5	11.6	125.00%	16	12.7	126.00%	31.5	33.1	95.20%
2013	20.1	12.8	157.00%	22	15.0	146.70%	49.6	36.8	134.80%
2014	26.6	13.7	194.16%	25.6	16.2	158.02%	66.4	42.1	157.72%

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2. Please refer to Utility Company's 2014 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. Please identify the name of the residential 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.
  - b. Please discuss why these residential programs did not meet the projected participation levels. In addition, please describe what actions the Company will take to increase the participation rate in its under-performing residential programs in order to meet the Commission-approved goals?

**2014 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

- c. Please identify the name of the commercial/industrial 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.





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- A.** Tampa Electric was successful in meeting the Commission approved goals in the residential and commercial/industrial sectors in 2014. The tables below summarize the annual and cumulative achievements in each of the two sectors in 2014. The electronic version of this table is available in the enclosed CD.

Comparison of 2014 <b>Annual</b> Achieved kW and kWh Reductions with Public Service Commission Established Goals <b>Savings at the Generator</b>								
<b>Residential</b>								
Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
Commission			Commission			Commission		
Total	Approved	%	Total	Approved	%	Total	Approved	%
Achieved	Goal	Variance	Achieved	Goal	Variance	Achieved	Goal	Variance
16.9	12.2	138.5%	13.0	10.8	120.4%	44.3	22.6	196.0%
<b>Commercial/Industrial</b>								
Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
Commission			Commission			Commission		
Total	Approved	%	Total	Approved	%	Total	Approved	%
Achieved	Goal	Variance	Achieved	Goal	Variance	Achieved	Goal	Variance
9.7	1.5	646.7%	12.6	5.4	233.3%	22.1	19.5	113.3%

Comparison of 2014 <b>Cumulative</b> Achieved kW and kWh Reductions with Public Service Commission Established Goals <b>Savings at the Generator</b>								
<b>Residential</b>								
Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
Commission			Commission			Commission		
Total	Approved	%	Total	Approved	%	Total	Approved	%
Achieved	Goal	Variance	Achieved	Goal	Variance	Achieved	Goal	Variance
62.6	48.8	128.3%	52.2	40.3	129.5%	128.2	84.7	151.4%
<b>Commercial/Industrial</b>								
Winter Peak MW Reduction			Summer Peak MW Reduction			GWh Energy Reduction		
Commission			Commission			Commission		
Total	Approved	%	Total	Approved	%	Total	Approved	%
Achieved	Goal	Variance	Achieved	Goal	Variance	Achieved	Goal	Variance
38.5	6.2	621.0%	53.2	20.9	254.5%	105.2	68.2	154.3%

**TAMPA ELECTRIC COMPANY**  
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3. Please use the chart below to provide the annual number of Residential and Commercial/Industrial energy audits performed during the 2011-2014 periods. Please provide an Excel version with your response.

**Customer Audits Performed during the 2011 - 2014 Periods**

Type of Audit	# of Audits 2011	# of Audits 2012	# of Audits 2013	# of Audits 2014
Residential on-line				
Residential Main-in				
Residential in-home				
Residential Total				
Commercial Total				
Industrial Total				



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- A.** The table below provides the annual number of Residential and Commercial/Industrial energy audits Tampa Electric performed during the 2011-2014 periods. The electronic version of this table is available in the enclosed CD.

**Customer Audits Performed during the 2011 - 2014 Periods**

Type of Audit	# of Audits 2011	# of Audits 2012	# of Audits 2013	# of Audits 2014
Residential on-line <sup>1</sup>	1,449	1,065	680	1,067
Residential mail-in <sup>2</sup>	0	0	0	0
Residential in-home	8,652	7,908	7,743	9,520
Residential Total	10,101	8,973	8,423	10,587
Commercial Total <sup>3</sup>	505	587	900	716
Industrial Total <sup>3</sup>	0	0	0	0

Note 1: Includes online and phone audits. These figures are reported as Customer Assisted Audits.

Note 2: The mail-in audit program was closed on December 31, 2004 and was replaced with Residential On-line Audits.

Note 3: Commercial total includes commercial and industrial audits. Tampa Electric tracks commercial and industrial energy audits together.



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- A.** Tampa Electric's Renewable Energy Systems Initiative program offers a limited number of rebates to qualified residential and commercial customers for photovoltaic ("PV") installations, qualified emergency shelter schools for PV installations and qualified residential customers for solar water heating ("SWH") installations.

For the PV portion of the program, a limited number of qualified residential and commercial customers receive a rebate of \$2,000/kW<sub>DC</sub> for new PV installations. Rebates were offered on a first come, first served basis and were reserved within seconds of the program offering each year. In 2014, a total of 142 customers installed PV on their homes or businesses. Of the 142 installations in 2014, 61 were rebate customers and 81 were non-rebate customers. The total PV DC rating of kW capacity installed for the rebated residential and commercial installations in 2014 was 547.67 kW<sub>DC</sub>.

For the Emergency Shelter Schools PV portion of the program, Tampa Electric in partnership with the Florida Solar Energy Center's SunSmart E-Shelter program installed one 10 kW<sub>DC</sub> system in 2014.

For the SWH portion of the program, a limited number of qualified residential customers receive a rebate of \$1,000 for new residential SWH installations. Rebates were offered on a first come, first serve basis. In 2014, 54 applications were received for SWH rebates, though additional applications could have been accepted.

The table below provides the 2014 activities for each of Tampa Electric's Renewable Energy Systems Initiative programs. The electronic version of this table is available in the enclosed CD.

<b>Solar Programs Active in 2014</b>					
Name of Program	Program Implementation Date	Number of Installs (#)	For PV Installed kW <sub>DC</sub>	Incentive Amount Paid to Customers (\$)	Total Program Expenditures (\$)
Residential PV	April 2011	60	527.72	\$1,055,440	\$1,196,047
Commercial PV	April 2011	1	9.95	\$19,890	
School PV	April 2011	1	10.00	\$153,000	\$161,614
Residential SWH	April 2011	54	NA	\$54,000	\$76,040
Low Income SWH	April 2011	4	NA	\$16,920	\$21,150

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- 5.** Please provide the annual kW capacity (DC rating) of solar photovoltaic systems installed in 2014 by customers who received a rebate through the residential and business solar pilot programs. Please provide the annual kW capacity (DC rating) by program. Also, provide the annual kW capacity (DC rating) of solar photovoltaic systems installed in 2014 by customers who participated in the solar for schools pilot program.
  
- A.** Please see Response No. 4 this set.