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NOV 3 2 54
CLERK

November 3, 2010

HAND DELIVERED

Ms. Ann Cole, Director
Division of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Petition for Approval of Demand-side Management Plan of Tampa Electric Company; FPSC Docket No. 100159-EG

Dear Ms. Cole:

Pursuant to Order No. PSC-10-0607-PAA-EG, issued in the above-styled docket on October 4, 2010, we submit for filing on behalf of Tampa Electric Company ("Tampa Electric" or "the company") the original and fifteen (15) copies of Tampa Electric's 2010-2019 Ten-Year DSM Plan modifications. These program modifications are designed to enable Tampa Electric to achieve its assigned annual conservation goals in each calendar year through 2019.

Tampa Electric also respectfully urges that the Commission revisit the advisability of measuring DSM goals compliance on a cumulative basis over the life of the DSM plans as an alternative to measuring compliance for each calendar year on a stand-alone basis. As was pointed out in the September 14, 2010 Agenda Conference discussion, a cumulative approach to measuring goals compliance would provide a needed measure of flexibility and would recognize that in some years, despite their best efforts, utilities may not achieve their annual goals, while in other years their DSM efforts might exceed the assigned levels. If a utility can achieve the overall DSM goals assigned to it over the life of the DSM plan, it should not matter that in some years the goals were exceeded while in other years the utility was unable to meet the annual target. Progress toward the overall goals could still be monitored on an annual basis as in the past.

Tampa Electric believes that retaining the above type of flexibility in the analysis of goals achievement can enable the utilities to meet their overall goals without having to implement more costly program modifications simply to meet annual goals.

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Please acknowledge receipt and filing of the above by stamping the duplicate copy of this letter and returning same to this writer.

Thank you for your assistance in connection with this matter.

Sincerely,



James D. Beasley

JDB/pp
Enclosure

cc: All Parties of Record (w/enc.)



Tampa Electric Company

2010-2019

Ten-Year DSM Plan

Modifications

November 3, 2010

DOCUMENT NUMBER DATE

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Executive Summary

Pursuant to Docket No. 100159-EG, Order No. PSC-10-0607-PAA-EG ("Order"), issued October 4, 2010, Tampa Electric Company ("Tampa Electric" or the "company") is filing specific program modifications to the company's original 2010 – 2019 Ten-Year Demand Side Management ("DSM") Plan submitted on March 30, 2010. The proposed modifications are necessary for Tampa Electric to comply with Order No PSC-09-0855-FOF-EG, issued on December 30, 2009 in Docket No. 080409-EG, In re: Commission review of numeric conservation goals (Tampa Electric Company).

In the Order, the Commission identified various years, beginning in 2013, during which Tampa Electric's originally filed 2010 – 2019 Ten-Year DSM Plan did not attain annual DSM goals. To achieve annual DSM goals, the company has modified the following residential and commercial programs:

- Energy Education Outreach,
- Neighborhood Weatherization and Agency Outreach,
- Residential Energy Planner,
- Residential Electronically Commutated Motors,
- Residential HVAC Re-commissioning,
- Commercial Energy Efficient Motors,
- Commercial Unconditioned Lighting, and
- Commercial HVAC Re-commissioning.

The structure and content of these programs remain unchanged from the original filing; however, two specific areas of modifications have occurred to increase the participation levels in the appropriate years. First, increased levels of participation in the residential Energy Education Outreach and Neighborhood Weatherization and Agency Outreach programs will occur due to the company's modified and heightened pace of pro-active solicitation for customer involvement. Second, for the balance of residential and commercial programs listed, the company will implement modifications designed to increase customer awareness of the availability of these programs and the specific measures promoted including, but not limited to, new marketing strategies, additional advertising and a greater number of presentations at trade shows as well as civic and professional organizations.

The annual demand and energy savings at the meter and generator resulting from these program modifications are provided in Attachment A – Modified Residential Program Tables, and Attachment B – Modified Commercial/Industrial Program Tables. In addition, Attachment C – Modified 2010 – 2019 DSM Plan Summary Tables provides residential and commercial/industrial summary data comparing the company's projected summer and winter demand and annual energy savings to the company's Commission approved DSM goals.

To accomplish the modifications to Tampa Electric's 2010 – 2019 DSM Plan, the company estimates Energy Conservation Cost Recovery ("ECCR") Clause expenditures will increase over the ten-year period by \$15 million or approximately 2.7 percent. Attachment D – Estimated DSM Plan Expenditures provides a comparison of estimated expenditures for the company's original and modified 2010 – 2019 DSM Plans.

As previously stated, the Commission identified gaps in attaining annual goals in the company's original 2010 – 2019 Ten-Year DSM Plan beginning in 2013. Tampa Electric will begin to increase ECCR expenditures in 2013 to coincide with the modifications needed to attain annual goals.

Finally, Tampa Electric's program modifications to its 2010 – 2019 Ten-Year DSM Plan will occur beyond the 2012 in-service date of the avoided unit utilized by the company in its program cost-effectiveness evaluations. Therefore, the company has not submitted revised cost-effectiveness tests.

Appendix A
Modified Residential Program Tables

PROGRAM NAME: ENERGY EDUCATION OUTREACH

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2010	558,217	558,217	500	0.1%	500
2011	571,386	571,386	4,000	0.8%	4,500
2012	583,878	583,878	6,500	1.9%	11,000
2013	596,472	596,472	9,000	3.4%	20,000
2014	610,379	610,379	11,000	5.1%	31,000
2015	625,351	625,351	13,250	7.1%	44,250
2016	640,734	640,734	12,000	8.8%	56,250
2017	656,186	656,186	10,500	10.2%	66,750
2018	669,200	669,200	9,500	11.4%	76,250
2019	682,426	682,426	9,000	12.5%	85,250

PROGRAM NAME: ENERGY EDUCATION OUTREACH

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	255	0.030	0.020	0.128	0.015	0.010
2011	255	0.030	0.020	1.148	0.135	0.090
2012	255	0.030	0.020	2.805	0.330	0.220
2013	103	0.030	0.020	2.055	0.600	0.400
2014	103	0.030	0.020	3.185	0.930	0.620
2015	103	0.030	0.020	4.547	1.328	0.885
2016	103	0.030	0.020	5.780	1.688	1.125
2017	103	0.030	0.020	6.859	2.003	1.335
2018	103	0.030	0.020	7.835	2.288	1.525
2019	103	0.030	0.020	8.759	2.558	1.705

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PROGRAM NAME: ENERGY EDUCATION OUTREACH

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	270	0.032	0.021	0.135	0.016	0.011
2011	270	0.032	0.021	1.216	0.144	0.096
2012	270	0.032	0.021	2.973	0.352	0.235
2013	109	0.032	0.021	2.178	0.640	0.426
2014	109	0.032	0.021	3.376	0.991	0.661
2015	109	0.032	0.021	4.819	1.415	0.943
2016	109	0.032	0.021	6.126	1.799	1.199
2017	109	0.032	0.021	7.270	2.135	1.423
2018	109	0.032	0.021	8.305	2.438	1.626
2019	109	0.032	0.021	9.285	2.726	1.818

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PROGRAM NAME: NEIGHBORHOOD WEATERIZATION AND AGENCY OUTREACH

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2010	558,217	132,860	500	0.0%	500
2011	571,386	135,994	2,500	0.0%	3,000
2012	583,878	138,967	3,000	4.3%	6,000
2013	596,472	141,965	7,750	9.7%	13,750
2014	610,379	145,275	9,000	15.7%	22,750
2015	625,351	148,838	9,750	21.8%	32,500
2016	640,734	152,499	7,750	26.4%	40,250
2017	656,186	156,177	7,000	30.3%	47,250
2018	669,200	159,275	6,750	33.9%	54,000
2019	682,426	162,423	6,500	37.2%	60,500

PROGRAM NAME: NEIGHBORHOOD WEATERIZATION AND AGENCY OUTREACH

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	428	0.170	0.170	0.214	0.085	0.085
2011	428	0.170	0.170	1.284	0.510	0.510
2012	428	0.170	0.170	2.568	1.020	1.020
2013	332	0.166	0.164	4.569	2.289	2.249
2014	332	0.166	0.164	7.559	3.787	3.720
2015	332	0.166	0.164	10.799	5.410	5.315
2016	332	0.166	0.164	13.374	6.700	6.582
2017	332	0.166	0.164	15.700	7.866	7.727
2018	332	0.166	0.164	17.942	8.989	8.831
2019	332	0.166	0.164	20.102	10.071	9.894

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PROGRAM NAME: NEIGHBORHOOD WEATERIZATION AND AGENCY OUTREACH

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	454	0.181	0.181	0.227	0.091	0.091
2011	454	0.181	0.181	1.361	0.544	0.544
2012	454	0.181	0.181	2.722	1.087	1.087
2013	352	0.177	0.174	4.843	2.440	2.397
2014	352	0.177	0.174	8.013	4.037	3.966
2015	352	0.177	0.174	11.447	5.767	5.665
2016	352	0.177	0.174	14.176	7.143	7.016
2017	352	0.177	0.174	16.641	8.385	8.237
2018	352	0.177	0.174	19.019	9.583	9.413
2019	352	0.177	0.174	21.308	10.736	10.547

PROGRAM NAME: RESIDENTIAL ENERGY PLANNER

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2010	558,217	329,348	1,300	0.4%	1,300
2011	571,386	328,048	1,400	0.8%	2,700
2012	583,878	326,648	1,450	1.3%	4,150
2013	596,472	325,198	1,550	1.8%	5,700
2014	610,379	323,648	1,750	2.3%	7,450
2015	625,351	321,898	1,975	2.9%	9,425
2016	640,734	319,923	2,000	3.6%	11,425
2017	656,186	317,923	1,750	4.1%	13,175
2018	669,200	316,173	1,650	4.7%	14,825
2019	682,426	314,523	1,550	5.2%	16,375

PROGRAM NAME: RESIDENTIAL ENERGY PLANNER

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	1,154	3.100	2.000	1.500	4.030	2.600
2011	1,154	3.100	2.000	3.116	8.370	5.400
2012	1,154	3.100	2.000	4.789	12.865	8.300
2013	1,154	3.100	2.000	6.578	17.670	11.400
2014	1,154	3.100	2.000	8.597	23.095	14.900
2015	1,154	3.100	2.000	10.876	29.218	18.850
2016	1,154	3.100	2.000	13.184	35.418	22.850
2017	1,154	3.100	2.000	15.204	40.843	26.350
2018	1,154	3.100	2.000	17.108	45.958	29.650
2019	1,154	3.100	2.000	18.897	50.763	32.750

PROGRAM NAME: RESIDENTIAL ENERGY PLANNER

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	1,223	3.305	2.132	1.590	4.296	2.772
2011	1,223	3.305	2.132	3.303	8.922	5.756
2012	1,223	3.305	2.132	5.076	13.714	8.848
2013	1,223	3.305	2.132	6.972	18.836	12.152
2014	1,223	3.305	2.132	9.113	24.619	15.883
2015	1,223	3.305	2.132	11.529	31.146	20.094
2016	1,223	3.305	2.132	13.976	37.755	24.358
2017	1,223	3.305	2.132	16.116	43.538	28.089
2018	1,223	3.305	2.132	18.135	48.991	31.607
2019	1,223	3.305	2.132	19.957	51.829	34.912

PROGRAM NAME: ELECTRONICALLY COMMUTATED MOTORS

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
2010	558,217	558,217	422	0.1%	422
2011	571,386	571,386	800	0.2%	1,222
2012	583,878	583,878	1,156	0.4%	2,378
2013	596,472	596,472	2,500	0.8%	4,878
2014	610,379	610,379	3,250	1.3%	8,128
2015	625,351	625,351	4,000	1.9%	12,128
2016	640,734	640,734	3,000	2.4%	15,128
2017	656,186	656,186	2,500	2.7%	17,628
2018	669,200	669,200	2,250	3.0%	19,878
2019	682,426	682,426	2,000	3.2%	21,878

PROGRAM NAME: ELECTRONICALLY COMMUTATED MOTORS

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	352	0.130	0.140	0.149	0.055	0.059
2011	352	0.130	0.140	0.430	0.159	0.171
2012	352	0.130	0.140	0.837	0.309	0.333
2013	352	0.130	0.140	1.717	0.634	0.683
2014	352	0.130	0.140	2.861	1.057	1.138
2015	352	0.130	0.140	4.269	1.577	1.698
2016	352	0.130	0.140	5.325	1.967	2.118
2017	352	0.130	0.140	6.205	2.292	2.468
2018	352	0.130	0.140	6.997	2.584	2.783
2019	352	0.130	0.140	7.701	2.844	3.063

PROGRAM NAME: ELECTRONICALLY COMMUTATED MOTORS

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	373	0.139	0.149	0.157	0.058	0.063
2011	373	0.139	0.149	0.456	0.169	0.182
2012	373	0.139	0.149	0.887	0.330	0.355
2013	373	0.139	0.149	1.820	0.676	0.728
2014	373	0.139	0.149	3.033	1.126	1.213
2015	373	0.139	0.149	4.525	1.681	1.810
2016	373	0.139	0.149	5.645	2.096	2.258
2017	373	0.139	0.149	6.577	2.443	2.631
2018	373	0.139	0.149	7.417	2.755	2.967
2019	373	0.139	0.149	8.761	3.910	3.265

PROGRAM NAME: RESIDENTIAL HVAC RE-COMMISSIONING

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2010	558,217	558,217	400	0.1%	400
2011	571,386	571,386	4,000	0.8%	4,400
2012	583,878	583,878	7,000	2.0%	11,400
2013	596,472	596,472	9,000	3.4%	20,400
2014	610,379	610,379	11,000	5.1%	31,400
2015	625,351	625,351	11,500	6.9%	42,900
2016	640,734	640,734	10,500	8.3%	53,400
2017	656,186	656,186	9,500	9.6%	62,900
2018	669,200	669,200	9,500	10.8%	72,400
2019	682,426	682,426	9,500	12.0%	81,900

PROGRAM NAME: RESIDENTIAL HVAC RE-COMMISSIONING

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	355	0.130	0.160	0.142	0.052	0.064
2011	355	0.130	0.160	1.562	0.572	0.704
2012	355	0.130	0.160	4.047	1.482	1.824
2013	355	0.130	0.160	7.242	2.652	3.264
2014	355	0.130	0.160	11.147	4.082	5.024
2015	355	0.130	0.160	15.230	5.577	6.864
2016	355	0.130	0.160	18.957	6.942	8.544
2017	355	0.130	0.160	22.330	8.177	10.064
2018	355	0.130	0.160	25.702	9.412	11.584
2019	355	0.130	0.160	29.075	10.647	13.104

PROGRAM NAME: RESIDENTIAL HVAC RE-COMMISSIONING

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	376	0.139	0.171	0.151	0.055	0.068
2011	376	0.139	0.171	1.656	0.610	0.750
2012	376	0.139	0.171	4.290	1.580	1.944
2013	376	0.139	0.171	7.677	2.827	3.479
2014	376	0.139	0.171	11.816	4.351	5.356
2015	376	0.139	0.171	16.143	5.945	7.317
2016	376	0.139	0.171	20.094	7.400	9.108
2017	376	0.139	0.171	23.669	8.717	10.728
2018	376	0.139	0.171	27.244	10.033	12.349
2019	376	0.139	3.305	30.135	11.713	13.969

**Appendix B
Modified Commercial/Industrial Program Tables**

PROGRAM NAME: COMMERCIAL ENERGY EFFICIENT MOTORS

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2010	69,953	69,953	10	0.0%	10
2011	71,177	71,147	20	0.0%	30
2012	72,474	72,414	30	0.1%	60
2013	73,670	73,560	50	0.1%	110
2014	74,906	74,736	60	0.2%	170
2015	76,397	76,157	70	0.3%	240
2016	77,929	77,619	70	0.4%	310
2017	79,452	79,072	70	0.5%	380
2018	80,800	80,355	65	0.6%	445
2019	82,160	81,655	60	0.6%	505

PROGRAM NAME: COMMERCIAL ENERGY EFFICIENT MOTORS

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	971	0.400	0.400	0.010	0.004	0.004
2011	971	0.400	0.400	0.029	0.012	0.012
2012	971	0.400	0.400	0.058	0.024	0.024
2013	971	0.400	0.400	0.107	0.044	0.044
2014	971	0.400	0.400	0.165	0.068	0.068
2015	971	0.400	0.400	0.233	0.096	0.096
2016	971	0.400	0.400	0.301	0.124	0.124
2017	971	0.400	0.400	0.369	0.152	0.152
2018	971	0.400	0.400	0.432	0.178	0.178
2019	971	0.400	0.400	0.490	0.202	0.202

PROGRAM NAME: COMMERCIAL ENERGY EFFICIENT MOTORS

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	1,027	0.426	0.426	0.010	0.004	0.004
2011	1,027	0.426	0.426	0.031	0.013	0.013
2012	1,027	0.426	0.426	0.062	0.026	0.026
2013	1,027	0.426	0.426	0.113	0.047	0.047
2014	1,027	0.426	0.426	0.175	0.072	0.072
2015	1,027	0.426	0.426	0.247	0.102	0.102
2016	1,027	0.426	0.426	0.318	0.132	0.132
2017	1,027	0.426	0.426	0.390	0.162	0.162
2018	1,027	0.426	0.426	0.457	0.190	0.190
2019	1,027	0.426	0.426	0.519	0.215	0.215

PROGRAM NAME: NON-CONDITIONED SPACE COMMERCIAL LIGHTING

Year	(a) Total Number of Customers	(b) Total Number of Eligible Customers	(c) Annual Number of Program Participants	(d) Cumulative Penetration Level %	(e) Cumulative Number of Program Participants
2010	69,953	69,953	10	0.0%	10
2011	71,177	71,177	15	0.0%	25
2012	72,474	72,474	15	0.1%	40
2013	73,670	73,670	20	0.1%	60
2014	74,906	74,906	20	0.1%	80
2015	76,397	76,397	30	0.1%	110
2016	77,929	77,929	33	0.2%	143
2017	79,452	79,452	37	0.2%	180
2018	80,800	80,800	41	0.3%	221
2019	82,160	82,160	43	0.3%	264

PROGRAM NAME: NON-CONDITIONED SPACE COMMERCIAL LIGHTING

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	138,867	26.000	26.000	1.389	0.260	0.260
2011	138,867	26.000	26.000	3.472	0.650	0.650
2012	138,867	26.000	26.000	5.555	1.040	1.040
2013	138,867	26.000	26.000	8.332	1.560	1.560
2014	138,867	26.000	26.000	11.109	2.080	2.080
2015	138,867	26.000	26.000	15.275	2.860	2.860
2016	138,867	26.000	26.000	19.858	3.718	3.718
2017	138,867	26.000	26.000	24.996	4.680	4.680
2018	138,867	26.000	26.000	30.690	5.746	5.746
2019	138,867	26.000	26.000	36.661	6.864	6.864

PROGRAM NAME: NON-CONDITIONED SPACE COMMERCIAL LIGHTING

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	146,921	27.690	27.690	1.469	0.277	0.277
2011	146,921	27.690	27.690	3.673	0.692	0.692
2012	146,921	27.690	27.690	5.877	1.108	1.108
2013	146,921	27.690	27.690	8.815	1.661	1.661
2014	146,921	27.690	27.690	11.754	2.215	2.215
2015	146,921	27.690	27.690	16.161	3.046	3.046
2016	146,921	27.690	27.690	21.010	3.960	3.960
2017	146,921	27.690	27.690	26.446	4.984	4.984
2018	146,921	27.690	27.690	32.470	6.119	6.119
2019	146,921	27.690	27.690	38.787	7.310	7.310

PROGRAM NAME: HVAC RE-COMMISSIONING

	(a)	(b)	(c)	(d)	(e)
Year	Total Number of Customers	Total Number of Eligible Customers	Annual Number of Program Participants	Cumulative Penetration Level %	Cumulative Number of Program Participants
2010	69,953	69,953	50	0.1%	50
2011	71,177	71,177	350	0.6%	400
2012	72,474	72,474	400	1.1%	800
2013	73,670	73,670	450	1.7%	1,250
2014	74,906	74,906	500	2.3%	1,750
2015	76,397	76,397	550	3.0%	2,300
2016	77,929	77,929	600	3.7%	2,900
2017	79,452	79,452	750	4.6%	3,650
2018	80,800	80,800	800	5.5%	4,450
2019	82,160	82,160	850	6.5%	5,300

PROGRAM NAME: HVAC RE-COMMISSIONING

AT THE METER						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	1,909	0.000	1.550	0.095	0.000	0.078
2011	1,909	0.000	1.550	0.764	0.000	0.620
2012	1,909	0.000	1.550	1.527	0.000	1.240
2013	1,909	0.000	1.550	2.386	0.000	1.938
2014	1,909	0.000	1.550	3.341	0.000	2.713
2015	1,909	0.000	1.550	4.391	0.000	3.565
2016	1,909	0.000	1.550	5.536	0.000	4.495
2017	1,909	0.000	1.550	6.968	0.000	5.658
2018	1,909	0.000	1.550	8.495	0.000	6.898
2019	1,909	0.000	1.550	10.118	0.000	8.215

PROGRAM NAME: HVAC RE-COMMISSIONING

AT THE GENERATOR						
Year	Per Customer kWh Reduction	Per Customer Winter kW Reduction	Per Customer Summer kW Reduction	Total Annual GWh Reduction	Total Annual Winter mW Reduction	Total Annual Summer mW Reduction
2010	2,020	0.000	1.651	0.101	0.000	0.083
2011	2,020	0.000	1.651	0.808	0.000	0.660
2012	2,020	0.000	1.651	1.616	0.000	1.321
2013	2,020	0.000	1.651	2.525	0.000	2.063
2014	2,020	0.000	1.651	3.535	0.000	2.889
2015	2,020	0.000	1.651	4.645	0.000	3.797
2016	2,020	0.000	1.651	5.857	0.000	4.787
2017	2,020	0.000	1.651	7.372	0.000	6.025
2018	2,020	0.000	1.651	8.988	0.000	7.346
2019	2,020	0.000	1.651	10.705	0.000	8.749

Appendix C
Modified 2010-2019 DSM Plan Summary Tables

**Residential Market Sector Demand and Energy Data
(At the Generator)**

Year	Tampa Electric Projected Summer Demand Savings (MW)		Commission Approved Summer Goal (MW)		Tampa Electric Projected Winter Demand Savings (MW)		Commission Approved Winter Goal (MW)		Tampa Electric Projected Annual Energy Savings (GWH)		Commission Approved Annual Energy Goal (GWH)	
	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.
2010	7.0	7.0	4.6	4.6	9.2	9.2	6.4	6.4	14.9	14.9	9.8	9.8
2011	8.8	15.9	6.6	11.2	11.1	20.3	8.5	14.9	19.9	34.8	14	23.8
2012	10.0	25.9	8.4	19.6	12.3	32.6	10.2	25.1	23.1	57.9	17.7	41.5
2013	11.5	37.4	9.9	29.5	13.8	46.4	11.5	36.6	20.6	78.5	20.6	62.1
2014	12.7	50.1	10.8	40.3	15.1	61.5	12.2	48.8	22.6	101.1	22.6	84.7
2015	13.3	63.5	10.9	51.2	16.0	77.6	11.6	60.4	23.0	124.1	23.0	107.7
2016	12.7	76.2	9.8	61.0	15.4	92.9	10.1	70.5	21.5	145.6	21.3	129.0
2017	11.7	87.9	9.0	70.0	14.1	107.0	8.8	79.3	20.2	165.7	19.4	148.4
2018	11.4	99.3	8.3	78.3	13.6	120.6	8.0	87.3	19.8	185.5	18.3	166.7
2019	11.0	110.3	7.8	86.1	12.9	133.6	7.4	94.7	19.2	204.7	17.3	184.0

**Commercial / Industrial Market Sector Demand and Energy Data
(At the Generator)**

Year	Tampa Electric Projected Summer Demand Savings (MW)		Commission Approved Summer Goal (MW)		Tampa Electric Projected Winter Demand Savings (MW)		Commission Approved Winter Goal (MW)		Tampa Electric Projected Annual Energy Savings (GWH)		Commission Approved Annual Energy Goal (GWH)	
	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.	Incr.	Cum.
2010	3.7	3.7	2.5	2.5	2.1	2.1	0.9	0.9	12.2	12.2	6.5	6.5
2011	4.9	8.6	3.6	6.1	2.5	4.6	1.1	2.0	17.3	29.5	10.6	17.1
2012	5.7	14.3	4.3	10.4	3.0	7.6	1.4	3.4	18.4	48.0	15.4	32.5
2013	6.0	20.3	5.1	15.5	3.2	10.7	1.3	4.7	19.2	67.1	16.2	48.7
2014	6.8	27.0	5.4	20.9	3.7	14.4	1.5	6.2	20.4	87.5	19.5	68.2
2015	7.1	34.1	6.0	26.9	4.0	18.4	1.7	7.9	21.6	109.1	20.9	89.1
2016	7.4	41.5	6.2	33.1	4.1	22.5	1.6	9.5	22.7	131.8	21.6	110.7
2017	8.2	49.7	6.3	39.4	4.6	27.1	1.6	11.1	22.9	154.7	21.8	132.5
2018	7.6	57.2	6.4	45.8	4.2	31.2	1.7	12.8	22.1	176.8	22.1	154.6
2019	7.0	64.2	6.3	52.1	3.7	34.9	1.7	14.5	21.7	198.5	21.7	176.3

Appendix D
Estimated DSM Plan Expenditures

**DSM Plan Cost Estimates
Modified 2010 - 2019 Plan
Tampa Electric**

Year	Costs		Variance	Cents per KWH Increase	Residential ECCR Impacts (1,200 KWH)	
	Original Plan	Modified Plan			Original Plan	Modified Plan
2010	\$47,606,668	\$47,606,668	\$0	0.00	\$3.38	\$3.38
2011	\$50,765,429	\$50,765,429	\$0	0.00	\$3.53	\$3.53
2012	\$52,927,674	\$53,034,505	\$106,832	0.73	\$3.60	\$3.61
2013	\$54,088,446	\$56,522,643	\$2,434,196	16.31	\$3.62	\$3.79
2014	\$55,588,022	\$58,931,436	\$3,343,414	22.09	\$3.67	\$3.89
2015	\$55,333,834	\$59,411,594	\$4,077,760	26.62	\$3.61	\$3.88
2016	\$56,739,299	\$59,552,949	\$2,813,650	18.09	\$3.65	\$3.83
2017	\$57,907,554	\$59,364,106	\$1,456,552	9.21	\$3.66	\$3.75
2018	\$59,032,591	\$59,744,032	\$711,441	4.41	\$3.66	\$3.70
2019	\$59,965,446	\$60,020,831	\$55,385	0.34	\$3.65	\$3.65