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Public Service Commission

June 25, 2010

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 COMMISSION  
 CLERK

James D. Beasley  
 Ausley & McMullen  
 P.O. Box 391  
 Tallahassee, FL 32302

STAFF'S SECOND DATA REQUEST

**Re: Docket No. 100159-EG - Petition of approval of demand-side management plan of Tampa Electric Company.**

Dear Mr. Beasley:

By this letter, the Commission staff requests that Tampa Electric Company (TECO or Company) provide responses to the following data requests.

1. Please refer to Staff's First Data Request, No. 14. For each audit program, please provide, for behavioral changes and CFLs separately, the cumulative projected savings over the period 2010 through 2019. As part of this response, please also provide the percentage of the Commission's Authorized Goals and the Company's proposed demand and energy savings met by the measure. Please complete the table below and provide an electronic copy in Excel (.xls file format) with the hard copy response.

Audit Component Information			
Audit Program Name	(-)		
Components	(-)	Behavioral Modification	Compact Fluorescents
Savings Associated with Measure			
Summer Demand	(MW)		
Winter Demand	(MW)		
Annual Energy	(GWh)		
% of Program			
Summer Demand	(%)		
Winter Demand	(%)		
Annual Energy	(%)		
% of Commission Authorized Goal			
Summer Demand	(%)		
Winter Demand	(%)		
Annual Energy	(%)		

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2. Please refer to Staff's First Data Request, No. 7. Please explain or describe the steps in calculating the Residential Rate Impact and Percent of Total ECCR Rate.
3. Please refer to Staff's First Data Request, No. 7. Please provide for each audit measure, the estimated cumulative net present value of all expenditures required over the period 2010 through 2019. If available, please provide the values broken down into categories including administrative, marketing, equipment (CFLs, other items provided to customers). As part of this response, please also provide the percentage that each category represents of the total measure expenditures. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Audit Information</b>		
Audit Program Name	(-)	
<b>Measure Cost (Cumulative NPV)</b>		
Total Cost	(\$)	
Administrative	(\$)	
Education, Surveys, Marketing	(\$)	
CFLs, Other Provided Items	(\$)	
<b>Measure Cost (% of Program)</b>		
Total Cost	(%)	
Administrative	(%)	
Education, Surveys, Marketing	(%)	
CFLs, Other Provided Items	(%)	

4. Please refer to Staff's First Data Request, No. 7. Please provide for each audit measure, the estimated Lost Revenues associated with the demand and energy savings of the program.
5. Please conduct a cost-effectiveness analysis on each audit program, using the E-TRC, E-RIM, and Participants Tests. As part of this response, please include the cumulative net present values of all benefits and costs. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Audit Information</b>		
Audit Program Name	(-)	
<b>E-TRC Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	(-)	
<b>E-Rim Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	(-)	
<b>Participants Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	(-)	

6. Please refer to TECO's petition, pages 9 through 28 and 124 through 132. Please provide, for each audit program, the estimated cost per audit. As part of this response, please indicate the amount spent on administrative & other costs, separate from the cost of compact fluorescent light bulbs and other items provided to the customer for free. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

Audit Information		
Audit Program Name	(-)	
Audit Costs		
Administrative & Other Costs	(\$/Customer)	
CFLs, Other Free Items	(\$/Customer)	

7. Please refer to Staff's First Data Request, No. 14. Please provide the estimated duration of behavioral changes that result from an energy audit. Please provide supporting documentation of these values.
8. Please explain or describe how TECO intends to measure and monitor actual savings of its audit programs, as required by Commission Rules. As part of this response, please explain and describe the procedures used to verify savings.
9. Please state whether TECO has historically included savings associated with energy audits towards its conservation goals. Please state whether this inclusion of audit savings were approved in the Commission's previous rulings on conservation goals for TECO.
10. Please refer to TECO's Petition, pages 315 through 317. Please provide, for the Renewable Energy Systems Initiative Program as a whole, and on an individual measure basis, the cumulative net present value of expenditures required over the period 2010 through 2019. Please provide the values broken down into categories including administrative, marketing, equipment, and incentives. As part of this response, please also provide the percentage that each category represents of the total program and measure expenditures. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

Renewable Energy Systems Initiative						
Measure Name	(-)	Residential & Commercial PV	Residential SWH	School PV	Low Income SWH	Total Program
<b>Cost (Cumulative NPV)</b>						
Administrative	(\$)					
Education, Surveys, Marketing	(\$)					
Equipment, Installation, O&M	(\$)					
Incentives / Rebates	(\$)					
Total Cost	(\$)					
<b>Cost (% of Program)</b>						
Administrative	(%)					
Education, Surveys, Marketing	(%)					
Equipment, Installation, O&M	(%)					
Incentives / Rebates	(%)					

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11. Please refer to TECO's Petition, pages 315 through 317. Please provide, for the Renewable Energy Systems Initiative Program as a whole, and on an individual measure basis, the estimated customer costs for each measure of the Renewable Energy Systems Initiative Program. For each measure, provide the incentive / rebate rate, and its associated units. For example, in \$/Watt or in \$/Participant. Also provide the associated non-recurring and recurring expenses, including administrative, equipment, incentives, and O&M. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

Renewable Energy Systems Initiative					
Measure Name	(-)	Residential & Commercial PV	Residential SWH	School PV	Low Income SWH
<b>Measure Incentives &amp; Duration</b>					
Incentive / Rebate Rate					
Incentive / Rebate Unit					
Participant Equipment Cost	(\$)				
<b>Non-recurring Measure Expenses</b>					
Administrative	(\$/Part)				
Equipment	(\$/Part)				
Incentive / Rebate	(\$/Part)				
<b>Recurring Measure Expenses</b>					
Administrative	(\$/Part/Yr)				
Equipment	(\$/Part/Yr)				
O&M	(\$/Part/Yr)				

12. Please conduct a cost-effectiveness analysis on the Renewable Energy Systems Initiative, and its component measures, using the E-TRC, E-RIM, and Participants Tests. As part of this response, please include the cumulative net present values of all benefits and costs. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

Renewable Energy Systems Initiative						
Measure Name	(-)	Residential & Commercial PV	Residential SWH	School PV	Low Income SWH	Total Program
<b>E-TRC Test Results</b>						
Total Benefits	(\$)					
Total Costs	(\$)					
Ratio	(-)					
<b>E-Rim Test Results</b>						
Total Benefits	(\$)					
Total Costs	(\$)					
Ratio	(-)					
<b>Participants Test Results</b>						
Total Benefits	(\$)					
Total Costs	(\$)					
Ratio	(-)					

13. Please explain or describe why, for the School PV measure, the photovoltaic systems are not intended to be owned by the school from the outset of the measure, similar to the Low Income SWH program. As part of this response, please explain or describe any benefits or disadvantages that TECO's suggested five year ownership period may provide over providing the system initially. For example, does the five year period correspond to any major maintenance requirement?
14. Please provide the estimated savings if the total funds allocated to the Renewable Energy System Initiative Program were split equally between the four measures: Residential & Commercial PV, Residential SWH, PV for Schools, and Low Income SWH.
15. Please refer to TECO's Petition, pages 331. Please provide, for the Renewable Energy Program as a whole, the cumulative net present value of expenditures required over the period 2010 through 2019. Please provide the values broken down into categories including administrative, marketing, and other. As part of this response, please also provide the percentage that each category represents of the total program expenditures. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Renewable Energy Program</b>		
<b>Cost (Cumulative NPV)</b>		
Administrative	(\$)	
Education, Surveys, Marketing	(\$)	
Other	(\$)	
<b>Cost (% of Program)</b>		
Administrative	(%)	
Education, Surveys, Marketing	(%)	
Other	(%)	

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16. Please refer to TECO's Petition, page 314. Please provide, for the Industrial Load Management Program, the cumulative net present value of expenditures required over the period 2010 through 2019. Please provide the values broken down into categories including administrative, marketing, equipment, and incentives. As part of this response, please also provide the percentage that each category represents of the total program and measure expenditures. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Industrial Load Management</b>		
<b>Program Cost (Cumulative NPV)</b>		
Administrative	(\$)	
Education, Surveys, Marketing	(\$)	
Equipment, Installation, O&M	(\$)	
Incentives / Rebates	(\$)	
Total Cost	(\$)	
<b>Program Cost (% of Program)</b>		
Administrative	(%)	
Education, Surveys, Marketing	(%)	
Equipment, Installation, O&M	(%)	
Incentives / Rebates	(%)	

17. Please refer to page 314 of TECO's Petition. Please provide, for the Industrial Load Management Program, the estimated incentive, non-recurring (first time), and recurring costs for the Program. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Industrial Load Management</b>		
<b>Measure Incentives &amp; Duration</b>		
Incentive / Rebate Rate	(\$/kW)	
<b>Non-recurring Measure Expenses</b>		
Administrative	(\$/Part)	
Equipment	(\$/Part)	
<b>Recurring Measure Expenses</b>		
Administrative	(\$/Part/Yr)	
Equipment	(\$/Part/Yr)	
O&M	(\$/Part/Yr)	
Incentive / Rebate (Typical)	(\$/Part/Yr)	

18. Please conduct a cost-effectiveness analysis on the Industrial Load Management, and its component measures, using the E-TRC, E-RIM, and Participants Tests. As part of this response, please include the cumulative net present values of all benefits and costs. Please provide an electronic copy in Excel (.xls file format) with the hard copy response.

<b>Industrial Load Management</b>		
<b>E-TRC Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	(-)	
<b>E-Rim Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	(-)	
<b>Participants Test Results</b>		
Total Benefits	(\$)	
Total Costs	(\$)	
Ratio	(-)	

19. Please explain or describe whether the methodology established by Order No. PSC-99-1778-FOF-EI, requires usage of the RIM Test, or the E-RIM Test. Please provide the approximate values of the rebate of with a cost effectiveness ratio of 1.2 for each of these tests, and the E-TRC Test.
20. Please explain or describe the continued justification for a cost-effectiveness ratio of 1.2 for the Industrial Load Management Program. Please explain or describe any and all analyses conducted that support the 1.2 ratio, compared to higher or lower (to 1.0) ratios for the cost-effectiveness tests.





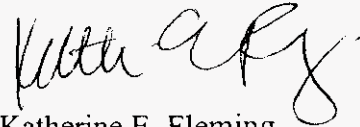




James D. Beasley  
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Please file the original and five copies of the requested information by July 15, 2010, with Ms. Ann Cole, Commission Clerk, Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida, 32399-0850. Please feel free to call me at (850) 413-6218 if you have any questions.

Sincerely,



Katherine E. Fleming  
Senior Attorney  
Office of the General Counsel

KEF/sh

cc: Office of Commission Clerk  
Paula Brown  
Vicki Kaufman/Jon Moyle  
John McWhirter  
George Cavros  
Suzanne Brownless  
Rick D. Chamberlain

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