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# Public Service Commission

April 6, 2015

Mrs. Beth Keating  
[Bkeating@gunster.com](mailto:Bkeating@gunster.com)  
Gunster Law Firm  
215 South Monroe Street  
Suite 601  
Tallahassee, FL 32301-1839

## STAFF'S FIRST DATA REQUEST

RE: Docket No. 150089-EG- Petition for approval of demand-side management plan by Florida Public Utilities Company.

Dear Mrs. Keating,

By this letter, the Commission staff requests that Florida Public Utilities Company (utility) provide responses to the following data requests.

- Please provide the estimated costs of each program's incentives, administrative & equipment costs, and total costs for the ten-year goals period (nominal and net present value). Also, please provide the percentage of total costs that are used for incentives by program. As part of this response, please provide an electronic version of the table below in Excel format with your response.

Program Costs (Nominal)				
Program Name	Incentives	Administrative & Equipment	Total	Percent Incentives
[Residential]				
Residential Subtotal				
[Comm/Industrial]				
Comm/Ind. Subtotal				
Common Expenses				
<b>Total</b>				

Program Costs (NPV)				
Program Name	Incentives	Administrative & Equipment	Total	Percent Incentives
[Residential]				
Residential Subtotal				
[Comm/Industrial]				
Comm/Ind. Subtotal				
Common Expenses				
<b>Total</b>				

2. Please provide the estimated costs of each program’s administrative & equipment costs, costs for the ten-year goals period (nominal and net present value), broken into the categories detailed in the table below. As part of this response, please provide an electronic version of the table below in Excel format with your response.

Program Administrative & Equipment Costs (Nominal)									
Program Name	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Vehicles & Travel	Other	Revenues (if any)	Total
[Residential]									
Residential Total									
[Comm/Ind.]									
Comm/Ind. Total									
Common Expenses									
<b>Total</b>									

Program Administrative & Equipment Costs (NPV)									
Program Name	Depreciation & Return	Payroll & Benefits	Materials & Supplies	Outside Services	Advertising	Vehicles & Travel	Other	Revenues (if any)	Total
[Residential]									
Residential Total									
[Comm/Ind.]									
Comm/Ind. Total									
Common Expenses									
<b>Total</b>									

3. For each program that includes “Outside Services” costs in the Data Request No.2, please detail what those outside services include.
4. For each program that includes Other costs in the data request above, please detail what those Other costs include.





9. Please provide the actual and projected Energy Conservation Cost Recovery (ECCR) annual funds in nominal dollars for the period 2010 through 2024. As part of this response, please provide an electronic version of the table below in Excel format with your response.

<b>Year</b>	<b>ECCR Expenditures</b>
2010	
2011	
2012	
2013	
2014	
2015	
2016	
2017	
2018	
2019	
2020	
2021	
2022	
2023	
2024	

10. Please provide the actual and projected monthly customer bill associated with the ECCR for a residential and commercial/industrial customer with the usage described in the table below, in nominal dollars. Please also provide the actual and projected total monthly customer bill. As part of this response, please provide an electronic version of the table below in Excel format with your response.

Year	Residential Customer 1,200 kWh/mo		Commercial/Industrial Customer 400,000 kWh/mo & 1,000 kW Peak	
	ECCR Portion (\$)	Total Bill (\$)	ECCR Portion (\$)	Total Bill (\$)
2010				
2011				
2012				
2013				
2014				
2015				
2016				
2017				
2018				
2019				
2020				
2021				
2022				
2023				
2024				

11. For the company’s audit programs, please provide a list of measures used to determine energy and demand savings. Please identify each measure and specify whether it is equipment provided by the company and installed by the auditor, equipment provided but installed by the home or business owner, or a behavioral measure savings. As part of this response, please provide an electronic version of the table below in Excel format with your response.

[Measure Name]						
Year	Audit Measure Savings (Savings @ Generator)					
	Per Customer			Total Annual		
	kWh Reduction	Winter kW Reduction	Summer kW Reduction	kWh Reduction	Winter kW Reduction	Summer kW Reduction
2015						
2016						
2017						
2018						
2019						
2020						
2021						
2022						
2023						
2024						

12. If the company’s audit programs include behavioral savings, please describe the empirical basis for asserting such savings (i.e. double blind experiments, transfer of findings from other utilities, engineering guesses) and how they are monitored and verified.
13. Do any of the programs in the company’s DSM Plan include savings associated with Compact Fluorescent Lightbulbs? If so, what baseline used?
14. Please identify each program in the company’s DSM Plan that include measures with an estimated 2 year or less payback period, and which measures are included by program.

15. For each program that includes measures with an estimated 2 year or less payback period, please provide the amount of savings (kWh, Win kW, and Sum kW) associated with these measures for each program and for the entire DSM Plan. As part of this response, please provide an electronic version of the table below in Excel format with your response.

<b>[Program Name or DSM Plan Combined]</b>						
<b>Year</b>	<b>Program Savings from 2-Year Payback Measures (Savings @ Generator)</b>					
	<b>Per Customer</b>			<b>Total Annual</b>		
	<b>kWh Reduction</b>	<b>Winter kW Reduction</b>	<b>Summer kW Reduction</b>	<b>kWh Reduction</b>	<b>Winter kW Reduction</b>	<b>Summer kW Reduction</b>
<b>2015</b>						
<b>2016</b>						
<b>2017</b>						
<b>2018</b>						
<b>2019</b>						
<b>2020</b>						
<b>2021</b>						
<b>2022</b>						
<b>2023</b>						
<b>2024</b>						

16. Please describe the avoided unit used in the company's cost-effectiveness evaluations of the programs in its DSM Plan.



17. Please provide the annual avoided cost savings associated with each of the following four scenarios for a measure that reduces energy or demand by: 1000 kWh, 1 kW Summer Demand, 1 kW Winter Demand, or 1 kW Summer and Winter Demand. Please provide the savings through the longest time period used to evaluate the programs in your DSM Plan. As part of this response, please provide an electronic version of the table below in Excel format with your response.

Year	Savings by Measure Type							
	1000 kWh		1 kW Summer		1 kW Winter		1 kW Sum & Win	
	Nominal	Real	Nominal	Real	Nominal	Real	Nominal	Real
2015								
2016								
2017								
2018								
2019								
2020								
2021								
2022								
2023								
2024								

18. Please discuss the methodology used to estimate expected participation for each program proposed by the company.
19. Please compare the projected participation rates of continuing programs with the actual participation rates for the previous ten years (or less, depending upon the start date of the program).
20. Please discuss what measures the company has considered or implemented to reduce the level or growth of administrative costs of its demand-side management programs.

21. Please provide the following information regarding the Company's current and proposed Conservation Demonstration and Development program:

- a. Provide any information/documentation regarding any planned areas of research under the proposed program.
- b. Provide any information/documentation regarding how the Company plans to implement any proposed or future projects.

22. What projects are currently being evaluated under the Company's Conservation Demonstration and Development program? As part of your response, please provide the following: name and description of the project, initial startup date of the project, and year-to-date dollars spent on each project. Additionally, please provide whether or not the company believes said project(s) could result in a potential conservation program. If the company perceives a program(s) is imminent, please provide expected startup date.

Conservation Demonstration and Development			
Project Name	Description	Implementation Date	Expenditures

23. What current programs has the company offered to its customers as a result of the Conservation Demonstration and Development program? In addition to the name of the program, please provide the description, startup date and year-to-date expenditures for each program.

24. Please provide the amount spent on Conservation Demonstration and Development programs for each of the past five years. Please provide the corresponding project name, implementation date, and dollar amount for each project.

25. Please complete the following chart using Excel format to illustrate the Company's expected projects in the Conservation Demonstration and Development.

Conservation Demonstration and Development – Project Name			
Year	Project Name	Description	Expected Expenditures
2015			
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			

26. The company's DSM Plan's summary tables do not include savings associated with the Solar Pilot Programs. Please provide an estimate of what those demand and energy savings would be for 2015.

Please file the original and five copies of the requested information by Monday, April 27, 2015, with Carlotta Stauffer, Commission Clerk, Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida, 32399-0850. Please feel free to call me at (850) 413-6187 if you have any questions.

Sincerely,

*s/ Leslie Ames*  
Leslie Ames  
Attorney

LAA/dml

cc: Office of Commission Clerk