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Public Service Commission

April 8, 2015

Mr. Gary V. Perko
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Hopping Law Firm
P.O. Box 6526
Tallahassee, FL 32314

STAFF'S FIRST DATA REQUEST

RE: Docket No. 150087-EG- Petition for approval of modifications to demand-side management plan by JEA.

Dear Mr. Perko,

By this letter, the Commission staff requests that JEA (utility) provide responses to the following data requests.

1. 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				
Total				

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

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									
Total									

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									
Total									

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 DSM Plan 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.

Year	DSM Plan Expenditures
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 DSM Plan 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, in nominal dollars. 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	
	DSM Plan Portion (\$)	Total Bill (\$)	DSM Plan Portion 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, please identify the 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.

[Program Name or DSM Plan Combined]						
Year	Program Savings from 2-Year Payback Measures (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						

16. Please describe the avoided unit used in the company’s cost-effectiveness evaluations of the programs in its DSM Plan. Is the avoided unit the same as the one used in the goalsetting docket? If not, please explain why and the differences in avoided costs resulting from the change.
17. Please discuss whether any measure’s demand and energy savings used in the company’s cost-effectiveness evaluations of the programs in its DSM Plan differed from the one used in the goal setting docket. If so, please explain why and the differences in demand and energy savings resulting from the change.

18. 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								

19. Please discuss the methodology used to estimate expected participation for each program proposed by your company.
20. 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).
21. Please describe how JEA advertises its residential energy audit, business energy audit, and neighborhood efficiency programs.
22. Please describe JEA’s efforts to ensure that it obtains the maximum participation in its residential energy audit, business energy audit, and neighborhood efficiency programs.

23. JEA states that it plans to reach a 10.1% cumulative penetration level in its residential energy audit program by 2024. In contrast, JEA estimates a 3.7% cumulative penetration level for its commercial energy audit program.
 - a. Please explain how JEA estimates the expected annual participation and expected cumulative penetration levels for these two audit programs.
 - b. Please explain why JEA expects lower participation in its commercial audit program compared to its residential audit program.

24. JEA's Residential Energy Audit and Commercial Energy Audit Programs are described as involving behavioral advice but no energy conservation products.
 - a. Does JEA provide any conservation products, such as light bulbs or low flow shower heads, to its residential or commercial customers during an energy audit? If so, please describe.
 - b. Please describe how JEA estimated the demand and energy savings for these two audit programs? In particular, how did JEA estimate the demand and energy savings that would result from customer behavioral changes?

25. JEA includes residential net metering and commercial net metering as two of its six DSM programs. Combined, residential and commercial net metering are projected to contribute 0.643 GWh of energy savings, equal to 20.6% of the 3.11 annual planned GWh savings.
- a. Please discuss how JEA estimated the demand and energy savings associated with its net metering programs.
 - b. On pages III-14 and IV-7, JEA states that “Currently, an aggregate JEA system load limit of 10 MW is in place for Tier – 1 net metering.” Are the net metering savings JEA estimates for years 2015 – 2024 associated with these existing net metering customers, or with new net metering customers? Please explain.
 - c. Please discuss why JEA believes it is appropriate to include the demand and energy savings it attributes to these net metering programs toward JEA’s DSM goals.

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