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# Public Service Commission

April 17, 2012

Mr. James D. Beasley  
Mr. J. Jeffrey Wahlen  
Ausley & McMullen  
P.O. Box 391  
Tallahassee FL 32302

## STAFF'S FIRST DATA REQUEST

**Re: Docket No. 120074-EI- Petition for approval of revisions to standard offer contract and rate schedules COG-1 and COG-2, by Tampa Electric Company.**

Dear Mr. Beasley/Mr. Wahlen:

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

1. TECO's 2011 standard offer contract (SOC) identified a 61 megawatt (MW) natural gas fired combustion turbine (CT), with an in-service date of May 2013, as its next avoidable unit. TECO's 2012 SOC, identifies a 177 MW CT with an in-service date of 2019 as its next avoidable unit. Will any new generation be built in 2013?
  - a. If yes, please provide the type of generation, in-service date, and amount of generation.
2. Please explain how TECO determined the 2019 date for its next avoidable unit.
3. Please explain the increase in the amount of generation needed between the 2011 and 2012 SOCs.
4. Please refer to the legislative format of tariff sheet No. 8.422. Please explain why TECO's monthly avoided capacity, \$/kW/month has decreased although the total cost of the avoided unit has increased from \$757.10/kW to \$878.11/kW.
5. Please explain the increase in the total direct and indirect cost from \$757.10/kW to \$878.11/kW.
6. Please explain the change in the total fixed operation and maintenance expense from \$21.53/kW to \$11.42/kW.
7. Please explain why the annual escalation rate associated with the plant cost of the designated avoided unit increased from 1.9 percent to 3.0 percent.

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8. Please refer to original tariff sheet No. 8.426, specifically the table titled “2013 combustion turbine monthly capacity payment rate.” Please verify that the figures provided are case specific for the 2019 SOC. If the incorrect figures were used, please provide an updated chart using 2019 SOC figures.
  
9. Please refer to revised tariff sheet No. 8.434. Please explain why a heat rate value of 11,983 Btu/kWh has been assigned to the proposed combustion turbine units. Has the company explored alternative CT units that would provide lower heat rates? Please explain and provide detail.
  
10. Please complete the tables below describing payments to a renewable provider based on the proposed tariffs included in the company’s revised standard offer contract. Please assume the renewable generator is a 50 MW facility providing firm capacity at the minimum capacity factor required for full capacity payments. Additionally, please assume an in-service date of January 1, 2013 and a contract duration of 20 years. Please provide this information for the following scenarios:
  - Normal Payments
  - Levelized Payments
  - Early Payments
  - Early Levelized Payments

		Committed Capacity (MW)		50			
		Capacity Factor (%)					
		Payment Type:					
Year	Energy	Capacity Rates	Total Capacity Payments	Energy Rates	Total Energy Payments	Total Payments	
	(MWh)	(\$/kW-mo)	(\$000)	(\$/MWh)	(\$000)	(\$000)	
2012							
2013							
2014							
2015							
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James D. Beasley

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Please file the original and five copies of the requested information by Tuesday, May 1, 2012, with Mrs. Ann Cole, Commission Clerk, Office of Commission Clerk, 2540 Shumard Oak Boulevard, Tallahassee, Florida, 32399-0850. Please feel free to call me at (850) 413-6183 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "P. E. Robinson for".

Pauline E. Robinson, Esq.  
Attorney

Office of the General Counsel

PE/dmw

cc: Office of Commission Clerk