

STATE OF FLORIDA

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Public Service Commission

March 8, 2010

James Beasley  
 Ausley Law Firm  
 Post Office Box 391  
 Tallahassee, FL 32302

STAFF DATA REQUEST NO. 2

**Re: Docket No. 090146-EQ - Petition by Tampa Electric Company for approval of extension of small power production agreement with City of Tampa**

Dear Mr. Beasley:

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

1. Please complete the following table using the most recent fuel forecast available. Please also include the date the fuel forecast was developed.

**Most Recent Fuel Forecast**  
 Date of Forecast: (MM/DD/YYYY)

Year	Natural Gas	Coal
	(\$/MMBTU)	(\$/MMBTU)
2011		
2012		
2013		
2014		
2015		
2016		
2017		
2018		
2019		
2020		
2021		
2022		
2023		
2024		

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2. Please complete the following Tables A and B attached comparing the projected payments to the City of Tampa under the Extension with payments under TECO's 2012 Combustion Turbine Standard Offer contract. Please use the most recent fuel forecast provided above.

**Table A - Cost Comparison @ 95% Capacity Factor**

Comparison of Payments between City of Tampa (COT) and the TECO 2012 CT Standard Offer Contract (SOC)													
19 MW at 95% Capacity Factor													
Year	Annual Energy Output	Coal Based Negotiated Capacity Payments	Projected Coal Energy Payments Big Bend 4	COT Negotiated Capacity Payments	COT Negotiated Energy Payments	COT Negotiated Total Payments	COT Negotiated Total Payments	SOC 2012 CT Capacity Payments	SOC 2012 CT Energy Payments	SOC 2012 CT Capacity Payments	SOC 2012 CT Energy Payments	SOC 2012 CT Total Payments	Difference between COT & SOC
	(MWh)	(\$/kW-mo)	(cents/kWh)	(\$000)	(\$000)	(\$000)	(\$/MWh)	(\$/kW-mo)	(\$/MWh)	(\$000)	(\$000)	(\$000)	(\$000)
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													
2020													
2021													
2022													
2023													
2024													
			<b>SUM</b>							<b>SUM</b>			
			<b>NPV</b>							<b>NPV</b>			

**Table B - Cost Comparison @ 70% Capacity Factor**

Comparison of Payments between City of Tampa (COT) and the TECO 2012 CT Standard Offer Contract (SOC)													
19 MW at 70% Capacity Factor													
Year	Annual Energy Output	Coal Based Negotiated Capacity Payments	Projected Coal Energy Payments Big Bend 4	COT Negotiated Capacity Payments	COT Negotiated Energy Payments	COT Negotiated Total Payments	COT Negotiated Total Payments	SOC 2012 CT Capacity Payments	SOC 2012 CT Energy Payments	SOC 2012 CT Capacity Payments	SOC 2012 CT Energy Payments	SOC 2012 CT Total Payments	Difference between COT & SOC
	(MWh)	(\$/kW-mo)	(cents/kWh)	(\$000)	(\$000)	(\$000)	(\$/MWh)	(\$/kW-mo)	(\$/MWh)	(\$000)	(\$000)	(\$000)	(\$000)
2011													
2012													
2013													
2014													
2015													
2016													
2017													
2018													
2019													
2020													
2021													
2022													
2023													
2024													
				<b>SUM</b>						<b>SUM</b>			
				<b>NPV</b>						<b>NPV</b>			

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Please file the original and five copies of the requested information by Monday, March 22, 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) 413-6187 if you have any questions.

Sincerely,

*Martha C. Brown*

Martha C. Brown  
Senior Attorney

MCB:th

cc: Office of Commission Clerk  
Ms. Paula K. Brown  
Richard A. Zambo