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Public Service Commission

April 17, 2012

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Mr. Kenneth Hoffman  
Florida Power & Light Company  
215 South Monroe Street  
Tallahassee, FL 32301-1858

STAFF'S FIRST DATA REQUEST

**Re: Docket No. 120072-EQ - Petition for approval of renewable energy tariff and standard offer contract, by Florida Power & Light Company.**

Dear Mr. Hoffman:

By this letter the Commission staff request that Florida Power and Light Company (FPL or Utility) provide responses to the following data requests.

1. What is the basis for the average annual heat rate of 13,000 BTU per kilowatt/hour (kw/h) contained on the Sixth Revised Sheet No. 10.304?
2. What is the basis for the capacity payment of \$3.52/kw/month contained on the Sixth Revised Sheet No. 10.301?
3. If FPL is anticipating a one-year purchase in 2021, would energy payments beyond 2021 only be based on the as-available energy cost?
4. In Docket No. 110309-EI, FPL filed testimony and provided responses to interrogatories which identified the addition of a greenfield combined-cycle power plant in 2021. Regarding FPL's decision to change from a 2021 greenfield combined cycle unit to a single year power purchase agreement in 2021, please answer the following questions:
  - a. When did FPL begin the study that led to the aforementioned change to meet its projected need in 2021?
  - b. When did FPL conclude that a one-year power purchase agreement was the appropriate action to take in order to meet its projected need in 2021?
  - c. What caused FPL to change from a 2021 greenfield combined cycle unit to a single year power purchase agreement in 2021 (i.e. changes in the economy, changes in available capacity, etc.)

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5. Please provide the analysis performed by FPL to determine that a one-year power purchase agreement is the most cost-effective way to satisfy its need in 2021.
6. Has FPL issued an RFP for a 2021 power purchase agreement?
  - a. If yes, have there been any responses to the request?
  - b. If no, when does FPL plan to issue an RFP?
7. Please complete the table below describing payments to a renewable provider based on the parameters included in FPL'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 (1/1/13 through 12/31/32). 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:					
	Energy (MWh)	Capacity Rates (\$/kw-mo)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
2013						
2014						
2015						
2016						
2017						
2018						
2019						
2020						
2021						
2022						
2023						
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						

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<b>Total</b>						
<b>2012 NPV</b>						

8. What is FPL's next avoidable fossil fueled generating unit beyond the period covered by FPL's current Ten-Year Site Plan?
9. Please complete the table below describing payments to a renewable provider based on FPL's next avoidable fossil fueled generating unit beyond the period covered by FPL's current Ten-Year Site Plan. 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 (1/1/13 through 12/31/32). 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:					
	Energy (MWh)	Capacity Rates (\$/kw-mo)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
2013						
2014						
2015						
2016						
2017						
2018						
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2023						
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2030						
2031						
2032						

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<b>Total</b>						
<b>2012</b>						
<b>NPV</b>						

10. Please complete the table below describing payments to a renewable provider based on the parameters included in FPL'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, 2021 and a contract duration of 20 years (1/1/21 through 12/31/40). 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:					
	Energy (MWh)	Capacity Rates (\$/kw-mo)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)
<b>2021</b>						
<b>2022</b>						
<b>2023</b>						
<b>2024</b>						
<b>2025</b>						
<b>2026</b>						
<b>2027</b>						
<b>2028</b>						
<b>2029</b>						
<b>2030</b>						
<b>2031</b>						
<b>2032</b>						
<b>2033</b>						
<b>2034</b>						
<b>2035</b>						
<b>2036</b>						
<b>2037</b>						
<b>2038</b>						
<b>2039</b>						
<b>2040</b>						
<b>Total</b>						
<b>2012</b>						
<b>NPV</b>						

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11. Please complete the table below describing payments to a renewable provider based on FPL's next avoidable fossil fueled generating unit beyond the period covered by FPL's current Ten-Year Site Plan. 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, 2021 and a contract duration of 20 years (1/1/21 through 12/31/41). 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:							
	Energy (MWh)	Capacity Rates (\$/kw-mo)	Total Capacity Payments (\$000)	Energy Rates (\$/MWh)	Total Energy Payments (\$000)	Total Payments to Renewable Provider (\$000)	
2021							
2022							
2023							
2024							
2025							
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2037							
2038							
2039							
2040							
<b>Total</b>							
2012 NPV							

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Please file the original and five copies of the requested information by May 7, 2012, 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) 413-6183 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'P. Robinson', with a long horizontal flourish extending to the right.

Pauline E. Robinson, Esq.  
Attorney  
Office of the General Counsel

PE/dmw

cc: Office of Commission Clerk