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DIVISION OF ENGINEERING
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Public Service Commission

May 3, 2018

Mr. William P. Cox
Senior Attorney
Florida Power & Light
700 Universe Boulevard
Juno Beach, FL 33408
Will.Cox@fpl.com

STAFF'S FIRST DATA REQUEST VIA EMAIL & US MAIL

Re: Docket No. 20180083 – EQ - Petition for approval of renewable energy tariff and standard offer contract, by Florida Power & Light Company.

Dear Mr. Cox:

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

1. Please refer to Sheets 9.033 and 09.033.1 of the Standard Offer Contract. Please explain the language in sections 5.5 through 5.5.5.
2. Please refer to Sheet 9.036 of the Standard Offer Contract. Please explain the additional language: "The security contemplated by this Section 9 constitutes security for, but is not a limitation of, QS's obligations hereunder and shall not be FPL's exclusive remedy for QS's failure to perform in accordance with this Agreement."
3. For the Purchase Power Agreement and the 2028 Avoided Unit, please complete the following table describing payments to a renewable provider based on the proposed tariffs included in the Utility's revised Standard Offer Contract. Please assume a renewable generator with a 50 MW output providing firm capacity with an in-service date of January 1, 2019, operating at the minimum capacity factor required for full capacity payments and a contract duration of 20 years. Please state the capacity factor assumed for the calculations. Please calculate the total Net Present Value (NPV) of all payments in 2019 dollars, and also provide an explanation of the method and rate used to calculate the NPV.

Please provide the completed table for each of the following five scenarios:

- As-available energy (energy only payments)
- Normal capacity payments
- Levelized payments
- Early payments
- Early levelized payments

Year	Energy (MWh)	Capacity Rate (\$/kw-mo)	Total Capacity Payments (\$)	Energy Rate (\$/MWh)	Total Energy Payments (\$)	Total Payments (\$)
2019						
2020						
2021						
2022						
2023						
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						
2037						
2038						
Total (nominal)						
Total (NPV)						

4. Provide a reserve margin calculation through December 31, 2028, in the same format as Schedule 7 from the Company's Ten-Year Site Plan.

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5. Provide a list of all planned and proposed generating facility additions through December 31, 2028. Also, provide the status report and specifications of each in the same format as Schedule 9 from the Company's Ten-Year Site Plan.
6. Does FPL utilize forecasted fuel prices as part of its energy payment assumptions associated with its Standard Offer Contract filed in this docket?
 - a. If the response to (6) is affirmative, please discuss FPL's fuel forecast methodology. Please also remark on the approximate length of a time FPL has employed this same or very similar fuel forecasting methodology for business planning purposes.
 - b. If the response to (6) is affirmative, please identify the source and date of FPL's fuel price forecast used in developing the energy payment assumptions associated with its Standard Offer Contract filed in this docket.
 - c. If the response to (6) is affirmative, please discuss if and how FPL tests the reasonableness of its forecasted fuel prices (fuel forecasts).
7. If applicable, please provide a copy of the Company's fuel price forecast relied upon in developing its Standard Offer Contract filed in this docket.
8. If applicable, please provide any alternative fuel price forecasts the Company used to gauge the robustness of its Standard Offer Contract filed in this docket.

Please submit your responses by **May 10, 2018**, to the address below:

Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

If you have any questions please contact me by phone at (850) 413-6686, or by email at owooten@psc.state.fl.us.

Sincerely,



Orlando Wooten
Engineering Specialist
Division of Engineering

OW:pz

cc: Office of Commission Clerk (Docket No. 20180083-EQ)