

State of Florida



# Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

**-M-E-M-O-R-A-N-D-U-M-**

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**DATE:** December 27, 2017  
**TO:** Carlotta S. Stauffer, Commission Clerk, Office of Commission Clerk  
**FROM:** Takira Thompson, Engineering Specialist, Division of Engineering *TT*  
**RE:** Docket No. 20170226-EQ -Petition for approval of renewable energy tariff and standard offer contract, by Florida Power & Light Company. *[Signature]*

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Please file the attached "Staff's Second Data Request dated Dec. 27, 2017," in the above mentioned docket file.

Thank you.

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STATE OF FLORIDA



DIVISION OF ENGINEERING  
TOM BALLINGER  
DIRECTOR  
(850) 413-6910

## Public Service Commission

December 27, 2017

Mr. William Cox  
Florida Power & Light Company  
700 Universe Blvd.  
Juno Beach, FL 33408  
[Will.Cox@fpl.com](mailto:Will.Cox@fpl.com)

### STAFF'S SECOND DATA REQUEST VIA EMAIL & US MAIL

**RE: Docket No. 20170226-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 complete the attached 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, 2018, operating at the minimum capacity factor required for full capacity payments and a contract duration of 20 years. State the capacity factor assumed for the calculations. Calculate the total Net Present Value (NPV) of all payments in 2018 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:

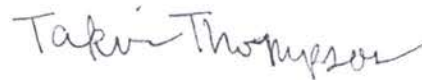
- As-available energy (energy only payments)
  - Normal capacity payments
  - Levelized payments
  - Early payments
  - Early levelized payments
2. Provide a reserve margin calculation through December 31, 2028, in the same format as Schedule 7 from the Utility's Ten-Year Site Plan.

Mr. William Cox  
Page 2  
December 27, 2017

3. 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 Utility's Ten-Year Site Plan.

Please file all responses electronically no later than Wednesday, **January 10, 2018**, via the Commission's website at [www.floridapsc.com](http://www.floridapsc.com) by selecting the Clerk's Office tab and Electronic Filing Web Form. Please feel free to contact me by phone at 850-413-6592 or by email at [tthompso@psc.state.fl.us](mailto:tthompso@psc.state.fl.us), if you have any questions.

Sincerely,



Takira Thompson  
Engineering Specialist  
Division of Engineering

TT:pz

Attachment

cc: Office of Commission Clerk (Docket No. 20170226-EQ)  
Mr. Kenneth A. Hoffman ([Ken.Hoffman@fpl.com](mailto:Ken.Hoffman@fpl.com))

Year	Energy (MWh)	Capacity Rate (\$/kw-mo)	Total Capacity Payments (\$)	Energy Rate (\$/MWh)	Total Energy Payments (\$)	Total Payments (\$)
2018						
2019						
2020						
2021						
2022						
2023						
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						
2037						
Total (nominal)						
Total (NPV)						