

STATE OF FLORIDA



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# Public Service Commission

September 13, 2018

William P. Cox, Esq.  
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 e-mail*

RE: Docket No. 20180155-EI – Petition for approval of regulatory assets related to the retirements of Lauderdale Units 4 and 5 and Martin Units 1 and 2, by Florida Power & Light Company.

Dear Mr. Cox:

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

- Please complete the following table regarding the annual breakdown of the cumulative present value revenue requirement analysis (CPVRR) for the 2018 to 2067 analysis period for Martin Units 1 & 2. In this breakdown, please include any financial assumptions for capital, O&M, fuel, and emissions without CO<sub>2</sub> in net present value. Provide all requested data electronically in MS Excel format with all formulae intact.

Years	Martin Units 1 & 2 CPVRR Analysis Assumptions (\$million) [NPV]							Total
	Generation Capital	Transmission Capital	Other Capital	Fixed O&M	Fuel & Variable O&M	Emissions w/o CO <sub>2</sub>	Other	

- Please explain how the 2018 to 2067 analysis period was selected for the CPVRR analysis.
- Please provide the estimated annual residential bill impact (at 1,000 kWh and 1,200 kWh) for the 2018 to 2067 analysis period for Martin Units 1 & 2.

6. Please provide the fuel impact in the format of Schedules 6.1 and 6.2 of Florida Power & Light Company's (FPL or Utility) Ten-Year Site Plan, with and without the retirement of Martin Units 1 & 2, considered over the same analysis period as in the CPVRR analysis. Please provide all requested data electronically in MS Excel format with all formulae intact.
7. Please provide a reserve margin calculation in the format of Schedules 7.1 and 7.2 of FPL's Ten-Year Site Plan, with and without the retirement of Martin Units 1 & 2, considered over the same analysis period as in the CPVRR analysis. Provide all requested data electronically in MS Excel format with all formulae intact.
8. Please provide any studies that led to the decision to retire Martin Units 1 & 2. As part of this response, please identify other alternatives that were considered prior to the decision to retire Martin Units 1 & 2, and explain why those alternatives were ultimately dismissed.
9. Please explain whether or not Martin Units 1 & 2 can be repowered to improve the efficiency of the units.
10. Please explain how the Utility plans to utilize the site once Martin Units 1 & 2 are retired.
11. Please provide a list of units for inclusion in the Utility's resource plan with and without Martin Units 1 & 2.
  - a. Please indicate whether or not retiring Martin Units 1 & 2 will accelerate the need for any of FPL's planned units. If so, please identify which and provide the expected in-service date for those units.
  - b. Please indicate whether or not retiring Martin Units 1 & 2 will accelerate the need for firm natural gas transport capacity. If so, please provide the quantity and expected in-service date for expansions.
12. Please identify which units' combustion turbine components will be upgraded to help account for the retirement of Martin Units 1 & 2, and provide the amount of additional capacity (megawatts) expected from and the estimated cost for each of these upgrades.
13. Provide any additional sources of capacity that FPL anticipates acquiring to help account for the retirement of Martin Units 1 & 2.

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Please file all responses electronically no later than October 4, 2018, to 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 call me at (850) 413-6234 if you have any questions.

Sincerely,



Kurt Schrader  
Senior Attorney

KMS/lms

cc: Office of Commission Clerk  
Kenneth A. Hoffman, Florida Power & Light Company