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May 13, 2016

STAFF'S SECOND DATA REQUEST

-VIA ELECTRONIC FILING-

Ms. Bianca Y. Lherisson, Esq.
Attorney
Office of the General Counsel
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 160070-EQ - Florida Power & Light Company's Petition for Approval
of a Renewable Energy Tariff and Standard Offer Contract

Dear Ms. Lherisson:

Please find enclosed for filing a copy of Florida Power & Light Company's ("FPL")
responses to Staff's Second Data Request in the above mentioned docket.

Thank you for your assistance. Please contact me should you or your staff have any
questions regarding this filing.

Sincerely,

s/ William P. Cox _____

William P. Cox
Senior Attorney
Florida Bar No. 0093531

WPC/msw
Enclosures

1. **Data Request No. 2:** Please refer to FPL's 2016 Ten-Year Site Plan. Would the Utility's avoided unit change without its 10 percent generation reserve margin planning criterion?
 - a. If the avoided unit would not change, please explain why.
 - b. If the avoided unit would change, please explain how FPL would meet its remaining two reliability criteria for 2024 and 2025.
 - c. If the avoided unit would change, please provide information similar to Ten-Year Site Plan Schedule 9, including capacity, technology type, fuel type, and in-service date for the new avoided unit.
 - d. If the avoided unit would change, please provide a revised response to Staff's First Data Request no. 1 based on the new avoided unit.
 - e. If the avoided unit would change, please provide a revised standard offer contract and associated rate schedule QS-2 based on the new avoided unit.

FPL's Response: Please see Attachment A

ATTACHMENT A

FPL's Response to Staff's Second Data Request No. 1

1. Please refer to FPL's 2016 Ten-Year Site Plan. Would the utility's avoided unit change without its 10 percent generation reserve margin planning criterion?

No. The avoided unit projected in FPL's 2016 Ten-Year Site Plan (Site Plan), a 2024 unsited combined cycle (CC) unit, would not change if FPL were to ignore its 10% generation reserve margin (GRM) planning criterion and simply rely on FPL's two other planning criteria, the 20% total reserve margin and the loss of load probability criteria.

a. If the avoided unit would not change, please explain why.

The avoided unit would not change for two reasons. First, FPL projects a need for new resources beginning in the summer of 2024, and continuing in 2025, using both its 10% GRM criterion and its 20% total reserve margin criterion. Therefore, even if FPL were to ignore its 10% GRM criterion, it would still project a need for new resources beginning in the summer of 2024 using the 20% total reserve margin criterion.

Second, the CC unit presented in FPL's 2016 Site Plan to address the resource need beginning in 2024, and continuing in 2025, would not change if FPL were to ignore its 10% GRM criterion. As explained on pages 7 and 8 of the 2016 Site Plan, these resource needs are eight and nine years in the future. Therefore, a decision regarding how best to meet those resource needs will not be required for several years. Recognizing this fact, the 2016 Site Plan shows a large CC natural gas-fired unit at a greenfield site being added in 2024. The CC unit is a reasonable resource option which could address FPL's resource needs for both of those years. However, ongoing resource planning analyses in subsequent years will ultimately determine what the best resource option(s) for 2024 and 2025 will be. This decision will be addressed in future Site Plans. Based on the best information and analysis available today, the 2024 CC unit is a reasonable and appropriate selection for FPL's next avoided unit and would have been shown in FPL's 2016 Site Plan regardless of whether the resource needs projected to begin in 2024 were based on FPL's 10% GRM criterion or FPL's 20% total reserve margin criterion.

b. If the avoided unit would change, please explain how FPL would meet its remaining two reliability criteria for 2024 and 2025.

Not applicable. Please see FPL's response to part (a) of this question.

- c. If the avoided unit would change, please provide information similar to Ten-Year Site Plan Schedule 9, including capacity, technology type, fuel type, and in-service date for the new avoided unit.**

Not applicable. Please see FPL's response to part (a) of this question.

- d. If the avoided unit would change, please provide a revised response to Staff's First Data Request No. 1 based on the new avoided unit.**

Not applicable. Please see FPL's response to part (a) of this question.

- e. If the avoided unit would change, please provide a revised standard offer contract and associated rate schedule QS-2 based on the new avoided unit.**

Not applicable. Please see FPL's response to part (a) of this question.