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July 24, 2019

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

Subject: DN 20190000-OT – Ten-Year Site Plans Supplemental Data Request #2 (OUC)

Dear Mr. Wright

Please see attached for Utilities Commission (OUC)'s responses to the subject data request. If you have any questions about the attached responses, please do not hesitate to contact me.

Respectfully submitted,

/s/ 

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### **Forecasting**

- 1. Please refer to OUC’s 2018 and 2019 Ten Year Site Plans (TYSP), page 12-4, Schedule 2-2 “History and Forecast of Energy Consumption and Number of Customers by Customer Class”. With respect to the history, or actual, data of 2017 “Total Sales to Ultimate Customers,” OUC reported 6,601 GWh in its 2018 TYSP and 6,713 GWh in its 2019 TYSP. Please explain the discrepancy and identify the correct 2017 actual sales data.**

#### **OUC Response:**

Regarding the historical data for 2017 presented in Schedule 2-2 of OUC’s 2018 and 2019 Ten-Year Site Plans (TYSPs), the Total Sales to Ultimate Customer of 6,568 GWh as reported for 2017 in the 2018 TYSP (please note this is the 2017 value reported in the 2018 TYSP, and differs from the 6,601 GWh value stated in the PSC’s question) is the correct value, whereas the 6,713 GWh as reported for 2017 in the 2019 TYSP is incorrect. The discrepancy is due to an error in carrying over historical data for 2017 from the 2018 TYSP to the 2019 TYSP. As clarification, the Total Sales to Ultimate Customers for 2017 (as reported in Schedule 2-2) is correctly reported as 6,568 GWh in the 2018 TYSP. We apologize for the reporting error in the 2019 TYSP.

- 2. With respect to the forecasting methodology, procedure, and accuracy associated with OUC’s forecast of “Total Sales to Ultimate Customers,” please specify all the differences/ modifications/ improvements, if any, between OUC’s 2018 TYSP and 2019 TYSP.**

#### **OUC Response:**

There are three primary differences/ modifications/ improvements to the forecasts between OUC’s 2018 and 2019 TYSP which include:

- An updated mix of single-family to multi-family residences to reflect current growth trends.
  - The SAE model approach weights cooling, heating and other electric usage to that of a typical residence based on the input mix of single-family and multi-family residences.
  - Single-family residences have greater average electric usage whereas multi-family residences tend to have less.
- The inclusion of projected impacts from rooftop solar generation.
- The inclusion of projected impacts from plug-in electric vehicle charging load.

### **Flood Mitigation**

- 3. Please explain the Utility’s planning process for flood mitigation for current and proposed power plant sites and transmission/distribution substations.**

#### **OUC Response:**

For each existing power plant site and transmission/distribution substation, the need for flood mitigation was one of the factors considered during the evaluation and planning process for the site and transmission/distribution substation. Similarly, for future power plant sites and transmission/distribution substations, the likelihood of flood mitigation being required is considered during site acquisition and planning.