

July 12, 2019

Mr. Douglas Wright  
Florida Public Service Commission  
Office of Commission Clerk  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399-0850

Re: 20190000-OT Undocketed Filings for 2019  
GRU's Response to TYSP Supplemental Data Request #2

Dear Mr. Wright,

Gainesville Regional Utilities hereby submits its electronic version of the Public Service Commission's Ten-Year Site Plan Supplemental Data Request #2. The This document will also be emailed to you.

Please let me know if you have any questions regarding this document.

Sincerely,

/s/Jamie Verschage  
Managing Analyst  
Gainesville Regional Utilities

## Gainesville Regional Utilities' Response to Supplemental Data Request #2

July 12, 2019

### **Forecasting**

1. With respect to the forecasting methodology, procedure, and accuracy associated with Gainesville Regional Utilities' forecast of "Total Sales to Ultimate Customers," please specify all the differences/modifications/ improvements, if any, between Gainesville Regional Utilities' 2018 TYSP and 2019 TYSP.

The methodology used to develop forecasts in 2018 and 2019 is the same. The sources of independent variables utilized in both forecast vintages is also the same. Forecast results are not the same from one year to the next because each equation responds to an additional year of historical data in a unique way. Additionally, projected values for each independent variable are updated from one year to the next. Therefore, the level and trajectory of customer and energy sales projections varies – usually slightly – from one year to the next. The forecast of sales to ultimate consumers starts off 1.3% lower in 2019 (compared to the 2018 forecast), but with a slightly steeper trajectory, and is 0.4% lower in 2027.

### **Flood Mitigation**

2. Please explain the Utility's planning process for flood mitigation for current and proposed power plant sites and transmission/distribution substations.

GRU has storm checklists and procedures for each generating plant. These procedures include items such as pumping down containments and ashponds as much as possible to prepare them to be able to accept additional water; inspecting sumps to ensure pumps are properly working; and assuring sandbags are kept at the ready (in some sites). The Deerhaven generating station has heavy equipment onsite that can be used to move dirt if a pond is in danger of cresting. Additionally, GRU has identified locations where water could be directed temporarily so that it could be pumped back to ponds for processing. Deerhaven also has a large diesel-driven pump that can be run to move water very quickly.

GRU's substations are sited in areas with well-draining soil. The substations are built with pervious ground covers such as limestone rocks and with a slope to facilitate water drainage. Transformers and switchgear are placed upon concrete pads to mitigate the risk of flood intrusion. Although GRU has not had an occurrence of flooding becoming an issue at substations, GRU has access to vacuum trucks and portable pumps through GRU's wastewater department.