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June 28, 2023

Greg Davis and Phillip Ellis
Florida Public Service Commission
Office of Commission Clerk
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399-0850

Re: 20230000-OT
GRU's Response to TYSP Data Request #3

Dear Mr. Davis and Mr. Ellis,

Gainesville Regional Utilities hereby submits its electronic version of the Public Service Commission's Ten-Year Site Plan Data Request #3. This document will also be emailed to you.

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

Sincerely,

/s/ Eric Neihaus, P.E.
Power Planning Engineer
Gainesville Regional Utilities

Staff's Data Request #3 to GRU

1. Refer to GRU's responses to Staff's First Data Request, No. 22. Please explain why the summer and winter demand appears to increase significantly slower than the rate of PEV ownership for the period after 2024.

   The values for summer and winter demand represent the contribution from the public changing station counts that are listed in the Table. The contribution to summer and winter demand from these public charging stations is based on actual data.

   The contribution to summer and winter peak of private changing stations (including residential) were not included. GRU does not yet have AMI data that could be used to develop usable information. Consequently, too many assumptions would have to be made about residential charging patterns and/or behaviors to revise the forecasted impacts to the summer and winter demand values that were previously provided.

2. Refer to GRU's responses to Staff's First Data Request, No. 32. Please complete the table by providing projected values for all existing generating units. These values were not included in the DR #1 response. If unable to provide a response, please explain why.

   If GRU were to provide projected factors for POF, FOF, EAF, and ANOHR they would be based on historical averages. Question No. 32 instructed respondents to use "an average of the next ten-year period." GRU does not have forward looking / predictive analytics for plant operation and maintenance (O&M) metrics. Consequently, we are unable to stand-behind/defend any predicted values for these metrics for plant O&M and/or plant performance (ANOHR).

3. Please refer to GRU's responses to Staff's First Data Request, No. 77, for both the Company's 2022 Ten Year Site Plan (TYSP) and the 2023 TYSP. In the 2022 TYSP, GRU reported Residual Oil usage of 0.33 GWh for the year 2021, yet in the 2023 TYSP, GRU reported 6 GWh of Residual Oil usage for 2021. Please explain the discrepancy and confirm what amount of Residual Oil usage is correct for 2021.

   We are not sure why 0.33 GWh was reported in 2022. The correct usage in 2021 for Residual oil was 6.27 GWh.

4. Please refer to GRU's 2023 TYSP, Schedule 2.3, column (6), Total Average Number of Consumers. It appears that GRU's total number of customers is anticipated to grow at an average annual rate of about 0.58 percent for the next 10-year period, compared to the 0.91 percent actual annual increase experienced during the 2013-2022 period. Please explain the major cause(s) for this projected reduction in the rate of growth of total number of customers.

   GRU's forecasts of number of customers for Residential, GS Non-Demand and GS Demand are based on population projections for Alachua County

published by the Bureau of Economic and Business Research at the University of Florida. Average annual population growth for Alachua County averaged 1.48% per year from 2013-2022. Alachua County population is projected to increase 0.81% per year from 2023-2032. When viewed in comparison, projected population growth declines more rapidly than projected customer growth. Average forecast error for total retail customers from the last 10 forecasts made by GRU was 0.2% (Actual number of customers was greater than forecast by an average of 0.2%). GRU appreciates that the Commission's view of its customer forecast is conservative, perhaps when compared to utilities in other parts of the state, but believes it is reasonable based on our analyses and historical knowledge of our system.