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Public Service Commission

June 4, 2019

Tiffany Cohen
Director, Rates and Tariffs
700 University Boulevard
Juno Beach, FL 33408-0420

Staff's First Data Request
via e-mail

Re: FPL 2019 Load Research Sampling Plan Filing

Dear Ms. Cohen:

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

1. Between 2017 and 2019, the GSD(T) Strata Break Point between strata 1 and 2 stayed at 16,640 kWh while the break point between strata 2 and 3 was adjusted from 65,920 kWh to 66,560 kWh (Columns [1]). What factors led to this particular change?
2. For what reason(s) did the proposed sample size for GSD(T) increase from 240 in 2017 to 320 in 2019 (Columns [7])?
3. Similarly, for what reason(s) did the proposed sample for GSLD(T) decrease from 125 in 2017 to 109 in 2019 (Columns [7])?
4. Please provide the calculations/basis for YBAR for both rate classes (Calculations table for 2019 Load Research Sampling Plan).
5. Why is n (required new sample size) divided by 0.3 (Calculations table for 2019 Load Research Sampling Plan)? What is the meaning of 'n(with losses)'?
6. Please define SDRh and explain what it measures. Please discuss the significance of the residuals and their standard deviation in each stratum.
7. If previous load forecasting studies are not available, where would existing stratum sizes and samples come from for such load sampling plans?

Ms. Cohen
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Please file all responses electronically by June 26, 2019, in Docket No. 20190000-OT on the Commission's website at www.floridapsc.com, by selecting the Clerk's Office tab and Electronic Filing Web Form. Please also provide responses via e-mail to hmerryda@psc.state.fl.us. Feel free to call me if you have any questions.

Sincerely,

/s/ Henry Merryday

Public Utility Analyst
hmerryda@psc.state.fl.us
(850) 413-6496

cc: Bill McNulty, Chief of Conservation and Forecasting
Office of Commission Clerk