

State of Florida



# Public Service Commission

CAPITAL CIRCLE OFFICE CENTER • 2540 SHUMARD OAK BOULEVARD  
TALLAHASSEE, FLORIDA 32399-0850

**-M-E-M-O-R-A-N-D-U-M-**

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**DATE:** May 20, 2025  
**TO:** Adam Teitzman, Commission Clerk, Office of Commission Clerk  
**FROM:** Greg Davis, Engineering Specialist, Division of Engineering *GD MR*  
Phillip Ellis, Public Utilities Supervisor, Division of Engineering *POE*  
**RE:** Docket No. 20250000-OT - Undocketed filings for 2025.

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Please file in the above mentioned docket file the attached document, Staff's Data Request #2, which was sent to the following Ten-Year Site Plan utility:

- 1) Gainesville Regional Utilities (GRU)

The deadline to respond to Staff's Data Request #2 is **Friday, May 30, 2025**.

GD/POE/pz

Attachment

1. Please explain any historic trends or other information as requested below in each of the following:
  - a. Growth of customers, by customer type (residential, commercial, industrial) as well as Total Customers, and identify the major factors that contribute to the growth/decline of the trends.
  - b. Average KWh consumption per customer, by customer type (residential, commercial, industrial), and identify the major factors that contribute to the growth/decline of the trends.
  - c. Total Sales (GWh) to Ultimate Customers, and identify the major factors that contribute to the growth/decline of the trends.
  - d. Provide a detailed discussion of how Gainesville Regional Utilities' (GRU) demand-side management program(s) for each customer type impacts the observed trends in gigawatt hour sales (Schedule 3.3).
  
2. Please explain the forecasted trends or other information as requested below in each of the following:
  - a. Growth of customers, by customer type (residential, commercial, industrial) as well as Total Customers, and identify the major factors (currently and in the forecasted period) that contribute to the growth/decline of the trends.
  - b. Average KWh consumption per customer, by customer type (residential, commercial, industrial), and identify the major factors (currently and in the forecasted period) that contribute to the growth/decline of the trends.
  - c. Total Sales (GWh) to Ultimate Customers, and identify the major factors (currently and in the forecasted period) that contribute to the growth/decline of the trends.
  
3. Please refer to GRU's 2025 Ten-Year Site Plan (TYSP), Schedule 2.2, Column (8) "Total Sales to Ultimate Customers" and explain why GRU's 2024 actual Total Sales were higher than its actual 2023 Total Sales (1,836 GWh vs. 1,811 GWh, or 1.38 percent annual increase).
  
4. Please refer to GRU's responses to Staff's Data Request #1 – 2025 TYSP, and explain the cause(s) for the increases in PEV count and reduction in PEV charging stations over the forecast horizon in GRU's 2025 TYSP compared to GRU's 2024 TYSP.

**GRU 2025 TYSP EV Forecast**

Year	Number of PEVs	Number of Public PEV Charging Stations	Number of Public DCFC PEV Charging Stations	Cumulative Impact of PEVs		
				Summer Demand	Winter Demand	Annual Energy
				(MW)	(MW)	(GWh)
2025	3,536	72	37	9	13	13
2026	4,274	85	43	11	16	15
2027	5,102	102	51	13	19	18
2028	6,027	121	60	15	23	22
2029	7,057	141	71	18	26	25
2030	8,197	164	82	20	31	30
2031	9,456	189	95	24	35	34
2032	10,841	217	108	27	41	39
2033	12,360	247	124	31	46	44
2034	14,018	280	140	35	53	50
<b>Notes</b>						
Number of Public, L2 chaging stalls assumed to maintain a ratio of 1 stall every 50 vehicles						
Number of Public, DCFC chaging stalls assumed to maintain a ratio of 1 stall every 100 vehicles						
Number of 2025 stations sourced from ChargeHub.com and Plugshare.com						

**GRU 2024 TYSP EV Forecast**

Year	Number of PEVs	Number of Public PEV Charging Stations	Number of Public DCFC PEV Charging Stations.	Cumulative Impact of PEVs		
				Summer Demand	Winter Demand	Annual Energy
				(MW)	(MW)	(GWh)
2024	1,812	94	49	7.7	7.7	8.698
2025	2,226	148	49	9.2	9.2	10.685
2026	2,690	179	49	11.0	11.0	12.913
2027	3,211	214	58	13.1	13.1	15.412
2028	3,793	253	69	15.5	15.5	18.205
2029	4,440	296	81	18.1	18.1	21.312
2030	5,159	344	94	21.1	21.1	24.761
2031	5,951	397	108	24.3	24.3	28.566
2032	6,824	455	124	27.9	27.9	32.753
2033	7,781	519	141	31.8	31.8	37.346
<b>Notes</b>						
Number of Public, L2 chaging stalls assumed to maintain a ratio of 1 stall every 15 vehicles						
Number of Public, DCFC chaging stalls assumed to maintain a ratio of 1 stall every 55 vehicles						
Temperature affects on demand are assumed to be negligible in Gainesville, FL						
Average of 7.2 kW draw from an L2 chager						
Assume 50% of PEV owners charge via L2 at the same time						
Assume 0.0183 MW/stall for DCFC station. Based on meter data from 25 existing stalls.						