

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 #3, which was sent to the following Ten-Year Site Plan utility:

- 1) Florida Power & Light Company (FPL)

The deadline to respond to Staff's Data Request #3 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 Florida Power & Light Company's (FPL or Company) 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 Schedule 3.1, History of Summer Peak Demand IMW), as set forth on page 61 of FPL's 2025 Ten-Year Site Plan (TYSP) for the years 2025 through 2034.
  - a. The schedule indicates that the MW values for Columns 5 through 9 represent "actual DSM capabilities." Please define this term, and explain how the annual (12-month) values of DSM capabilities are determined.
  - b. For Columns 6 and 8, please explain whether the difference in the values from prior year to the next year, represents the sum total of new DSM savings for that next year netted against the prior year's savings deemed no longer available in the system.

- c. When determining cumulative savings in Columns 6 and 8, explain how prior period savings survive to the next year or are eliminated from further estimations of savings going forward.
  - d. Please provide, in an Excel spreadsheet with formulas intact, the calculations of Columns 6 and 8 data that FPL used to prepare this data in Schedule 3.1.
4. Please refer Schedule 3.1, History of Summer Peak Demand (MW), as set forth on page 62 of FPL's 2025 TYSP for the years 2025 through 2034. The Projected Values (2025-2034) notes indicates that the MW values for Columns 5 through 9 represent "cumulative load management, incremental conservation, and load management." Please explain whether load management values in Columns 6 and 8 are cumulative values, and clarify why the schedule notes includes two references to load management.
5. Please refer to page 91 of FPL's 2025 TYSP filing which states that the Commercial/Industrial Load Control (CILC) program was closed to new participants as of December 31, 2000. Please answer the following:
  - a. How many participants were enrolled in the CILC program at the time the program was closed to new participants (December 31, 2000)?
  - b. How many participants were enrolled in the CILC program at the end of 2024 (as of December 31, 2024)?
  - c. Since this program is currently closed to new participants, what assumptions has FPL made regarding the number of participants that will remain enrolled in this program for the forecasted years of 2025 through 2034?
  - d. Since this program is currently closed to new participants, what assumptions in Columns 8 and 9 of Schedule 3.1 for Summer Peak Demand Reductions has FPL made for the forecasted years of 2025 through 2034 that are attributable to the CILC program?
  - e. Since this program is currently closed to new participants, what assumptions in Columns 8 and 9 of Schedule 3.2 for Winter Peak Demand Reductions has FPL made for the forecasted years of 2025 through 2034 that are attributable to the CILC program?

6. Please refer to page 91 of FPL's 2025 TYSP filing which states that the Commercial Curtailable Load program was closed to new participants on December 31, 2021 and answer the following:
  - a. How many participants were enrolled in the program at the time the program was closed to new participants (December 31, 2021)?
  - b. How many participants were enrolled in the program at the end of 2024 (as of December 31, 2024)?
  - c. Since this program is currently closed to new participants, what assumptions has FPL made regarding the number of participants that will remain enrolled in this program for the forecasted years of 2025 through 2034?
  - d. Since this program is currently closed to new participants, what assumptions in Columns 8 and 9 of Schedule 3.1 for Summer Peak Demand Reductions has FPL made for the forecasted years of 2025 through 2034 that are attributable to that program?
7. Since the Commercial Curtailable Load program is currently closed to new participants, what assumptions in Columns 8 and 9 of Schedule 3.2 for Winter Peak Demand Reductions has FPL made for the forecasted years of 2025 through 2034 that are attributable to the Commercial Curtailable Load program?
8. Please refer to page 58 of FPL's 2025 TYSP, Schedule 2.2., Column (16) "Total Sales to Ultimate Customers" for the questions below:
  - a. Please explain why FPL's projected 2025 Total Sales are 1.26 percent lower than its actual 2024 Total Sales (127,754 GWh vs. 129,386 GWh).
  - b. Please explain why FPL's projected 2028 Total Sales are 2 percent higher than its projected 2027 Total Sales (131,801 GWh vs. 129,386 GWh).
  - c. Please explain why FPL's projection of 2029 Total Sales are 2 percent higher than its projected 2028 Total Sales (134,441 GWh vs. 131,801 GWh).
9. Please refer to FPL's response to Staff's Data Request #1, No. 79. The Company states, "Data centers are unique given their significant and constant load requirements and the potential for high costs to extend service to them." Please explain this in greater detail.

10. Please refer to FPL’s responses to Staff’s Data Request #1- 2025 TYSP, and explain the cause(s) for the reduction in DCFC stations over the forecast horizon in FPL’s 2025 TYSP compared to FPL’s 2024 TYSP.

**FPL 2025 TYSP EV Forecast**

Year	Number of PEVs <sup>(1)</sup>	Number of Public EV Charging Stations <sup>(2)</sup>	Number of Public DCFC EV Charging Stations	Cumulative Impact of PEVs <sup>(3)</sup>		
				Summer Demand	Winter Demand	Annual Energy
				(MW)	(MW)	(GWh)
2025	382,754	24,988	3,084	319	138	1,503
2026	532,485	31,295	3,234	447	194	2,106
2027	712,858	41,894	4,327	604	261	2,843
2028	928,814	54,579	5,638	795	344	3,744
2029	1,183,054	69,526	7,183	1,025	443	4,825
2030	1,471,933	79,859	6,809	1,291	559	6,078
2031	1,802,084	97,778	8,338	1,611	697	7,584
2032	2,165,993	111,946	8,620	1,977	855	9,304
2033	2,556,410	132,124	10,174	2,349	1,016	11,055
2034	2,965,733	153,282	11,803	2,743	1,186	12,910

**Notes**

1) Number of EVs includes plug-in hybrid electric vehicles and battery electric vehicles. The Company uses third-party sources (Bloomberg and Wood Mackenzie) as the basis for its electric vehicles (EV) growth and for charging station adoptions.

2) Charging Stations represent estimated number of ports in FPL service territory. Public DCFC EV Charging Station ports included in total Number of Public EV Charging Stations.

3) MW and GWh are incremental from the end of 2023.

**FPL 2024 TYSP EV Forecast**

Year	Number of EVs <sup>(1)</sup>	Number of Public EV Charging Stations <sup>(2)</sup>	Number of Public DCFC EV Charging Stations <sup>(3)</sup>	Cumulative Impact of EVs		
				Summer Demand	Winter Demand	Annual Energy
				(MW)	(MW)	(GWh)
2024	293,845	12,770	3,190	86	37	352
2025	428,132	20,601	4,944	200	87	816
2026	590,749	29,392	6,860	341	147	1,388
2027	787,129	38,516	8,993	514	222	2,093
2028	1,018,957	48,807	11,363	723	313	2,945
2029	1,287,414	60,490	13,951	972	420	3,957
2030	1,589,148	72,659	16,234	1,259	544	5,124
2031	1,929,264	86,389	18,780	1,602	693	6,524
2032	2,300,764	100,511	21,534	1,994	862	8,118
2033	2,695,021	118,956	24,927	2,382	1,030	9,696

**Notes**

1) Number of EVs includes plug-in hybrid electric vehicles and battery electric vehicles.

2) Charging Stations represent estimated number of ports in FPL service territory. Public DCFC EV Charging Station ports included in total Number of Public EV Charging Stations.

3) MW and GWh are incremental from the end of 2023.