

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) Tampa Electric Company (TECO)

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 Tampa Electric Company's (TECO) demand-side management program(s) for each customer type impact 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. For the values in Schedules 3.1, 3.2, and 3.3 [columns (5) through (9)], please state whether the values represent (i) only the new savings achieved in the year shown; (ii) cumulative savings that include both new savings for the year in question; (iii) carryover savings from prior years that remain recognized as achieved or achievable on the system; or, (iv) another definition not previously described above. If another definition is used, please explain the methodology used. A separate response for each schedule (Schedules 3.1, 3.2, and 3.3) is requested.

4. Refer to Schedule 3.1, History and Forecast of Summer Peak Demand (MW), on page 52. Also consider Order No. PSC-2024-0430-FOF-EG, issued September 20, 2024, in Docket No. 20240014-EG, *In re: Commission review of numeric conservation goals (Tampa Electric Company)*, Final Order Approving Numeric Conservation Goals for Tampa Electric Company, Attachment A. Please explain whether and how the forecasted demand reductions shown in Attachment A, at pages 4-5, of the Order are reflected in Schedule 3.1, Columns 6-9. If they are not reflected, please explain why not for each series.
  
5. Refer to Schedule 3.3, History and Forecast of Annual Net Energy for Load (GWh), on page 58, and Order No. PSC-2024-0430-FOF-EG, Final Order Approving Numeric Conservation Goals for Tampa Electric Company, specifically Attachment A, pages 4-5. Column 3 of the schedule reflects a Residential Conservation forecast of 41 GWh in 2025, whereas the Goal Approval Order identifies a value of 24.8 GWh for that year. Please reconcile these values and include any specific programs or initiatives expected to contribute to the higher forecast in Schedule 3.3.
  
6. Please refer to TECO's 2025 Ten-Year Site Plan, Schedule 2.2, Column (8) "Total Sales to Ultimate Customers" for the questions below:
  - a. Please explain why TECO's actual 2024 Total Sales are 0.43 percent lower than its actual 2023 Total Sales (20,702 GWh vs. 20,791 GWh).
  
  - b. Please explain why TECO projected that its 2025 Total Sales would be 0.84 percent lower than its actual 2024 Total Sales (20,528 GWh vs. 20,702 GWh).

- Referring to TECO’s 2025 and 2024 TYSP responses to Staff’s Data Requests #1, pictured below, please explain the cause(s) for the reduction in PEV counts and increases in PEV and DCFC charging stations over the forecast horizon in TECO’s 2025 TYSP compared to TECO’s 2024 TYSP.

**TECO 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	42,265	943	449	54.8	12.6	272.5
2026	54,032	1,089	461	65.4	16.1	331.9
2027	68,759	1,247	528	78.6	20.4	406.1
2028	87,054	1,417	599	95.2	25.7	499.2
2029	107,221	1,597	676	113.8	31.7	602.7
2030	129,098	1,789	757	133.9	38.1	714.6
2031	152,044	1,993	843	154.9	44.8	831.8
2032	176,195	2,208	934	177.0	51.9	955.1
2033	199,073	2,434	1,030	197.9	58.6	1,072.1
2034	223,074	2,672	1,131	219.9	65.6	1,194.6
<b>Notes</b>						
(Include Notes Here)						

**TECO 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	47,374	710	159	50.1	16.8	263.8
2025	67,251	810	181	66.3	21.3	352.8
2026	89,559	916	204	84.9	26.9	454.2
2027	114,145	1028	230	105.0	32.7	564.9
2028	140,948	1147	256	126.5	38.8	683.2
2029	169,854	1272	284	149.6	45.3	810.4
2030	200,304	1404	314	173.8	52.0	944.2
2031	231,346	1542	344	198.5	58.9	1,080.8
2032	263,294	1687	377	224.1	66.1	1,221.9
2033	295,772	1838	411	250.1	73.4	1,365.5
<b>Notes</b>						
Cumulative counts provided.						
The number of public "DCFC PEV charging stations" is a subset of the number of Public EV Charging Stations.						
Forecast ties to TYSP filed April 1, 2024.						