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June 16, 2023

VIA: ELECTRONIC FILING

Mr. Adam J. Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

Re: Review of Tampa Electric Company's 2023 Ten-Year Site Plan
Staff's Second Data Request (Nos. 1-3)
Undocketed 20230000-OT

Dear Mr. Teitzman:

Attached for filing are Tampa Electric Company's responses to Staff's Second Data Request (Nos. 1-3) regarding the company's 2023 Ten-Year Site Plan, propounded on May 26, 2023.

Thank you for your assistance in connection with this matter.

Sincerely,

A handwritten signature in blue ink that reads 'Malcolm N. Means'.

Malcolm N. Means

MNM/bml

Attachments

cc: Greg Davis w/fob (GDavis@psc.state.fl.us)
Phillip Ellis w/fob (PEllis@psc.state.fl.us)
TECO Regulatory Department

**TAMPA ELECTRIC COMPANY
UNDOCKETED: REVIEW OF TYSP'S
SECOND DATA REQUEST
REQUEST NO. 1
BATES PAGE(S): 1
FILED: JUNE 16, 2023**

1. Referring to TECO's 2023 Ten-Year Site Plan (TYSP), Schedules 2.1 and 2.2, please explain how TECO derived its forecasted "Average KWH Consumption Per Customer" for each of the Rural And Residential, Commercial and Industrial Classes.
 - A. See TYSP Chapter II, Tampa Electric Company Forecasting Methodology, Section 3. Energy Multiregression Model, pages 9-11, for a detailed explanation of how TECO derived its forecasted Average KWH Consumption Per Customer for each customer class.

**TAMPA ELECTRIC COMPANY
UNDOCKETED: REVIEW OF TYSP'S
SECOND DATA REQUEST
REQUEST NO. 2
BATES PAGE(S): 2
FILED: JUNE 16, 2023**

- 2.** If Schedules 2.1 and 2.2 do not include the incremental impact of utility conservation programs on forecasted “GWh” or “Average kWh Consumption per Customer” for each of the Rural & Residential, Commercial, and Industrial Classes, please explain TECO’s rationale for not including such impacts. Also, explain what impact the exclusion of such conservation has on the various forecasts appearing in these schedules.
 - A.** Schedules 2.1 and 2.2 do include the incremental impact of utility conservation programs for each customer class.

**TAMPA ELECTRIC COMPANY
UNDOCKETED: REVIEW OF TYSP'S
SECOND DATA REQUEST
REQUEST NO. 3
BATES PAGE(S): 3
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3. Please refer to TECO's 2023 TYSP, Schedules 2.1 and 2.2 "History and Forecast of Energy Consumption and Number of Customers By Customer Class (Base Case)" for the questions below:
 - a. Please explain why the Company projected that the amount of GWh sales to Rural and Residential Class for 2023 will be lower than both the 2022 actual amount and the 2024 projected amount.
 - b. Please explain why the Company projected that the amount of Commercial Class "Average KWh Consumption Per Customer" for 2023 will be lower than both of the 2022 actual amount and the 2024 projected amount.
 - c. Please explain why the Company projected that the amount of "Total Sales to Ultimate Consumers (GWh)" in 2023 will be lower than both the actual amount in 2022 and the projected amount in 2024.
- A.
 - a. 2022 actuals were above expected due to record breaking high temperatures. 2023 is based on normal weather, which results in lower energy compared to 2022. 2024 is also based on normal weather and is higher than 2023 due to customer growth.
 - b. 2022 actuals were above expected due to record breaking high temperatures. 2023 is based on normal weather, which results in lower energy compared to 2022. 2024 is also based on normal weather and is higher than 2023 due to customer growth.
 - c. 2022 actuals were above expected due to record breaking high temperatures. 2023 is based on normal weather, which results in lower energy compared to 2022. 2024 is also based on normal weather and is higher than 2023 due to customer growth.