



May 21, 2024

VIA ELECTRONIC FILING

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

In re: Petition for Rate Increase by Tampa Electric Company

DOCKET NO. 20240026-EI

In re: Petition for approval of 2023 Depreciation and
Dismantlement Study, by Tampa Electric Company

DOCKET NO. 20230139-EI

In re: Petition to implement 2024 Generation Base Rate
Adjustment provisions in Paragraph 4 of the 2021 Stipulation
and Settlement Agreement, by Tampa Electric Company

DOCKET NO. 20230090-EI

Dear Mr. Teitzman:

Attached for filing in the above docket is a replacement page for MFR Schedule F-08. Portions of this schedule (Bates Pages 292) were the subject of a Request for Confidential Classification filed with the Commission on April 2, 2024 (DN 01542) as denoted in Exhibit A of that Request. On April 30, 2024, the company submitted a corrected Exhibit A that relinquished the referenced schedule from any claim of confidentiality due to permissions obtained from the company's consultant, Moody's Analytics. Accordingly, the company provides the attached nonconfidential version of MFR Schedule F-08 to replace the confidential version filed on or about April 2, 2024.

Thank you for your assistance in connection with this matter.

Sincerely,

Virginia Ponder

VLP/ne

Attachment

cc: All parties of record

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: For a projected test year, provide a schedule of assumptions used in developing projected or estimated data. As a minimum, state assumptions used for balance sheet, income statement and sales forecast.

Type of data shown:

XX Projected Test Year Ended 12/31/2025

Projected Prior Year Ended 12/31/2024

Historical Prior Year Ended 12/31/2023

Witness: C. Aldazabal / M. Cacciatore/

J. Chronister / L. Cifuentes / R. Latta/

C. Whitworth/ J. Williams

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET No. 20240026-EI

I. OVERVIEW

This section of MFR Schedule F-8 follows the same general format as MFR Schedule F-7, which provides a list of model input variables used in the forecasting process. MFR Schedule F-8 provides the assumptions which were used in the forecasting process described in MFR Schedule F-5.

II. CUSTOMER, DEMAND AND ENERGY FORECAST

For the projected test year, 2025, the following assumptions were used in developing Tampa Electric's sales forecast. For a detailed description and source of each model variable, refer to MFR Schedule F-7. The customer models interact with the average usage models to arrive at total sales for each class.

| 2025 Data | | | |
|------------|-------------------|--------------|--|
| 2025 | Annual Change (%) | Level Change | |
| 1,613 | 1.70% | 28 | (1) Hillsborough County Population (x1000) |
| 12,023 | 5.50% | 632 | (2) Hillsborough County Construction Permits |
| 683 | 1.60% | 10 | (3) Hillsborough County Commercial Employment (000) |
| 33 | 1.50% | - | (4) Hillsborough County Industrial Employment (000) |
| \$ 92,669 | 3.90% | \$ 3,518 | (5) Hillsborough County Commercial Output (2012\$Millions) |
| \$ 8,788 | 1.90% | \$ 167 | (6) Hillsborough County Governmental Output (2012\$Millions) |
| \$ 13 | 1.30% | \$ - | (7) Hillsborough County Manufacturing Output (2012\$Millions) |
| 431 | 0.00% | - | (8) Billing Cycle-Based Heating Degree Days |
| 3,936 | 0.00% | - | (9) Billing Cycle-Based Cooling Degree Days |
| 366 | 0.00% | - | (10) Number of Billing Days in Billing Cycles |
| 0.04900 | -4.30% | (0.0022) | (11) Real Price of Electricity - Commercial (Index 2010=1) |
| 0.05120 | -3.40% | (0.0018) | (12) Real Price of Electricity - Industrial (Index 2010=1) |
| 0.06720 | -2.04% | (0.0014) | (13) Real Price of Electricity - Residential (Index 2010=1) |
| 0.05120 | -3.40% | (0.0018) | (14) Real Price of Electricity - Public Authorities (Index 2010=1) |
| \$ 129,152 | 1.10% | \$ 1,357 | (15) Hillsborough County Real Household Income (\$) |
| 2.55 | -0.80% | - | (16) Hillsborough County Persons per Household |
| 3,800 | -0.60% | (23) | (17) Residential Cooling Appliance Trend |
| 731 | -1.00% | (7) | (18) Residential Heating Appliance Trend |
| 9,500 | -0.10% | (11) | (19) Residential Other Appliance Trend |
| 3,125 | -0.20% | (5) | (20) Commercial Cooling Appliance Trend |
| 770 | -0.80% | (6) | (21) Commercial Heating Appliance Trend |
| 10,922 | -0.80% | (91) | (22) Commercial Other Appliance Trend |
| 4,048 | 1.90% | 75 | (23) Tampa Electric Temporary Service Customers |
| 67 | 0.00% | - | (24) Peak Day Heating Degree Days |
| 139 | 0.00% | - | (25) Peak Day Cooling Degree Days |
| 67 | 0.00% | - | (26) Day Prior to Peak Day Heating Degree Days |
| 139 | 0.00% | - | (27) Day Prior to Peak Day Cooling Degree Days |
| 39 | 0.00% | - | (28) Heating Degree Days at Time of Peak |
| 65 | 0.00% | - | (29) Cooling Degree Days at Time of Peak |
| 2,033 | -0.40% | (8) | (30) Non-Phosphate Net Energy for Load Trend (MWH/Customer) |

Note: Numbers could be different due to rounding.

Supporting Schedules:

Recap Schedules:

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