



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-07. Portions of this schedule (Bates Pages 288) 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-07 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 each forecasting model used to estimate test year projections for customers, demand, and energy, provide the historical and projected values for the input variables and the output variables used in estimating and/or validating the model. Also, provide a description of each variable, specifying the unit of measurement and the time span or cross sectional range of the data.

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: L. Cifuentes

COMPANY: TAMPA ELECTRIC COMPANY

DOCKET NO. 20240026-EI

LINE

NO.

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EXPLANATORY (INDEPENDENT) INPUT VARIABLES

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	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
(1) Hillsborough County Population	1,282	1,307	1,331	1,358	1,386	1,417	1,447	1,467	1,497	1,527	1,557	1,585	1,613
(2) Hillsborough County Construction Permits MA	7,242.3	6,795.2	7,698.4	9,787.4	10,736.5	10,421.7	12,168.4	13,346.8	11,645.8	11,298.0	14,055.0	11,391.2	12,023.2
(3) Hillsborough County Commercial Employment	488.6	504.2	526.2	547.0	555.9	567.9	586.2	566.8	599.9	640.6	664.0	672.4	682.9
(4) Hillsborough County Industrial Employment	24.9	26.1	25.7	26.9	28.2	28.5	29.4	28.2	28.7	30.7	31.8	32.3	32.7
(5) Hillsborough County Commercial Output	\$54,976	\$56,798	\$59,363	\$62,213	\$64,551	\$67,865	\$71,001	\$70,361	\$77,830	\$82,786	\$86,245	\$89,151	\$92,669
(6) Hillsborough County Governmental Output	\$8,019	\$7,959	\$7,867	\$8,033	\$8,160	\$7,834	\$7,840	\$8,178	\$8,418	\$8,361	\$8,498	\$8,621	\$8,788
(7) Hillsborough County Manufacturing Output	\$11	\$12	\$12	\$12	\$12	\$12	\$13	\$13	\$13	\$13	\$13	\$13	\$13
(8) Billing Cycle-Based Heating Degree Days	408	555	357	350	177	409	309	279	333	241	307	431	431
(9) Billing Cycle-Based Cooling Degree Days	3,780	3,484	4,290	4,152	4,349	4,292	4,263	4,518	4,210	4,575	4,154	3,936	3,936
(10) Number of Billing Days in Billing Cycles	367	366	364	365	362	365	365	366	366	366	366	366	366
(11) Real Price of Electricity - Commercial	0.0537	0.0526	0.0524	0.0510	0.0486	0.0472	0.0460	0.0437	0.0428	0.0461	0.0487	0.0512	0.0490
(12) Real Price of Electricity - Industrial	0.0510	0.0498	0.0501	0.0488	0.0486	0.0492	0.0482	0.0459	0.0449	0.0484	0.0505	0.0530	0.0512
(13) Real Price of Electricity - Residential	0.0619	0.0618	0.0624	0.0610	0.0590	0.0577	0.0561	0.0528	0.0510	0.0571	0.0635	0.0686	0.0672
(14) Real Price of Electricity - Public Authorities	0.0510	0.0498	0.0501	0.0488	0.0486	0.0492	0.0482	0.0459	0.0449	0.0484	0.0505	0.0530	0.0512
(15) Hillsborough County Real Household Income	\$102,891	\$104,932	\$109,043	\$109,978	\$113,045	\$115,592	\$119,439	\$126,895	\$131,040	\$124,333	\$126,064	\$127,795	\$129,152
(16) Hillsborough County Persons per Household	2.59	2.60	2.61	2.62	2.63	2.64	2.63	2.64	2.61	2.60	2.59	2.57	2.55
(17) Residential Cooling Appliance Trend	4,053.2	4,031.3	3,972.1	3,966.4	3,957.7	3,949.2	3,941.3	3,935.7	3,923.5	3,911.9	3,850.2	3,823.4	3,799.9
(18) Residential Heating Appliance Trend	825.2	817.1	809.2	803.1	795.9	788.9	782.3	775.5	764.6	754.8	746.2	738.4	730.9
(19) Residential Other Appliance Trend	9,373.4	9,424.4	9,453.8	9,641.2	9,679.1	9,622.4	9,587.0	9,598.6	9,585.4	9,558.0	9,546.3	9,511.7	9,500.2
(20) Commercial Cooling Appliance Trend	3,247.4	3,227.6	3,210.9	3,196.9	3,188.7	3,180.7	3,172.7	3,164.1	3,156.2	3,148.9	3,140.8	3,129.9	3,125.0
(21) Commercial Heating Appliance Trend	911.9	886.5	854.8	836.7	819.2	812.9	806.6	800.5	794.3	788.2	782.2	776.2	770.3
(22) Commercial Other Appliance Trend	12,998.5	12,763.6	12,553.8	12,391.6	12,240.0	12,068.3	11,905.0	11,731.8	11,552.6	11,334.2	11,153.9	11,013.3	10,922.2
(23) Tampa Electric Temporary Service Customers	1,710	1,735	2,219	2,556	2,963	3,091	3,353	3,328	3,565	3,984	3,883	3,973	4,048
(24) Peak Day Heating Degree Days	23	52	27	23	23	24	11	37	21	36	30	67	67
(25) Peak Day Cooling Degree Days	155	130	163	162	167	175	180	176	167	176	161	139	139
(26) Day Prior to Peak Day Heating Degree Days	36	49	30	32	36	12	14	32	21	45	35	67	67
(27) Day Prior to Peak Day Cooling Degree Days	140	118	159	155	157	167	166	163	158	168	158	139	139
(28) Heating Degree Days at time of Peak	15	19	18	11	11	21	4	19	5	15	10	39	39
(29) Cooling Degree Days at time of Peak	69	62	70	60	83	70	81	85	65	81	66	65	65
(30) Non-Phosphate Net Energy for Load Trend	2,193	2,193	2,256	2,229	2,189	2,196	2,160	2,160	2,097	2,099	2,065	2,041	2,033

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