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January 22, 2021

VIA: ELECTRONIC FILING

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

Re: Petition for approval of electric vehicle charging pilot program, by Tampa Electric Company.
Docket No. 20200220-EI

Dear Mr. Teitzman:

Attached for filing in the above docket is Tampa Electric Company's Response to Staff's Second Data Request (Nos.1-8), propounded on January 6, 2021.

Thank you for your assistance in connection with this matter.

Sincerely,



Malcolm N. Means

MNM/bmp
Attachment

cc: All Parties of Record (w/attachment)
Jeff Doehling, Engineering Specialist, FPSC (w/attachment)

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that a true and correct copy of the foregoing responses to Staff's Second Data Request (Nos.1-8), filed on behalf of Tampa Electric Company, has been furnished by electronic mail on this 22nd day of January 2021 to the following:

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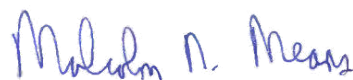
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**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200220-EI
STAFF'S SECOND DATA REQUEST
REQUEST NO. 1
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- 1.** Please refer to TECO's response to Staff's First Data Request, Nos. 1 and 3. Using the definition of a "Port" as an electric vehicle service equipment (EVSE) capable of serving a single vehicle at a time, and a "Station" as a location with one or more Ports, please verify if the information provided in the responses referred to above are for Ports or Stations. Also, clarify if the quantities provided are referring to the number of public Ports or Stations. If a different quantity was provided, please provide a revised table(s) as necessary with only the number of public Ports and Stations.

- A.** The quantities provided in response to Staff's First Data Request, Nos. 1 and 3, refer to ports, indicating EVSE capable of serving a single vehicle at a time.

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- 2.** Please refer to TECO's response to Staff's First Data Request, No. 28, and Exhibit A, Item 11A. Are the costs provided under Item 11A the limit of the program expenditures, above which would require additional Commission approval? If not, explain why.

- A.** The costs provided under Item 11A are an estimate and not a limit. Tampa Electric would expect a review of all costs during a future rate case.

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- 3.** Please refer to TECO's response to Staff's First Data Request, No. 35. Did TECO consider purchasing data, such as charging event duration, geographic utilization, time of use, or demand and energy data, from existing market participants in TECO's service area? If not, why not?
 - A.** Tampa Electric did not consider purchasing the data described. Rather, Tampa Electric believes direct involvement in EV charging, as will be accomplished via the proposed pilot, is the best way of gaining an understanding of the Pilot objectives and charging behaviors unique to Tampa Electric's service area. Tampa Electric believes that its proposed pilot will allow the company to maintain control over the type and frequency of data collected and to gain a better understanding of the complete installation process.

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- 4.** Please refer to TECO's response to Staff's First Data Request, No. 40. Would TECO need to seek Commission approval to exceed the Pilot's 200 Port limit?
 - A.** Yes, as Tampa Electric does not expect nor intend to install more than 200 ports.

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- 5.** Please refer to TECO's response to Staff's First Data Request, Nos. 45, 47, and 48b. When does TECO anticipate the following forms or agreement listed below will be available?
- a. Site host application form.
 - b. Site host agreement.
 - c. Network service provider agreement.
- A.** Tampa Electric anticipates the Site Host Application Form will be available by early February 2021. Considering that details of The Site Host Agreement could be informed by the vendor RFP process, the availability of this form is yet to be determined. The Network Service Provider Agreement will not be developed by Tampa Electric and will be available at the conclusion of the vendor RFP process.

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- 6.** Please refer to Exhibit A, Item 7C. Provide a detailed timeline for deployment of the Pilot, including dates and deadlines for all request for proposals TECO plans on seeking, site host evaluations, DCFC siting, construction start dates, and in-service dates.

- A.** Tampa Electric's Request for Proposals is expected to be ready for release by early February 2021, although a definitive date for release has not been set. Tampa Electric expects to work with the selected vendor to establish a detailed timeline for deployment of the Pilot. While Tampa Electric aspires to have all ports deployed by December 31, 2020, it is recognized that the overall timeline will be impacted by critical activities including the time necessary to complete the RFP process, the level of customer interest to participate in the Pilot, as well as the Regulatory process for approval of the Pilot.

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7. Please answer the following questions regarding the Conservation Research and Development (CRD) program recovered through the energy conservation cost recovery clause.
- a. Please identify the annual limit on expenditures on the CRD program, if any.
 - b. Please provide the annual historic amount spent for the period 2016 through 2020.
 - c. Please provide an annual projection of the amount to be spent for the period 2021 through 2024.
- A. a. Prior to the company's most recent 2020-2029 Demand Side Management Plan ("DSM") approval by the Commission in Docket No. 20200053-EG, the annual limit on program costs (expenditures) through the Conservation Research and Development ("R&D") DSM Program was as follows:
Program costs are estimated at \$200,000 per year for a five-year period. Expenses for a given year may exceed \$200,000; however, total program cost shall not exceed \$1,000,000 for the five-year period.
- Upon approval of the company's most recent 2020-2029 DSM Plan approval by the Commission in Docket No. 20200053-EG, the annual limit on program costs (expenditures) through the Conservation R&D DSM Program was changed to the following:
- Program costs are estimated at \$400,000 per year for a five-year period. Expenses for a given year may exceed \$400,000; however, total program cost shall not exceed \$2,000,000 for the five-year period.
- b. The table below provides the annual historical amount spent for the period 2016 through 2019, and the estimated amount spent in 2020 through the company's Conservation R&D DSM Program:

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Annual Amount Spent on Conservation Research and Development	
2016	\$2,932
2017	\$61,518
2018	\$751
2019	\$25,413
2020, Note 1	\$89,562
<p>Note 1: as of the due date for this request, the final amount for 2020 has not been determined, an estimate is being provided with the latest expenditures from the company's accounting system.</p>	

- c. Tampa Electric projects Conservation R&D Program expenditures for the following year based upon only those costs that have a high level of certainty of occurring. The company does not project costs in this DSM Program more than one year in advance. The table below provides the annual projected expenditure amount for the period 2021 through 2024 through the company's Conservation R&D DSM Program:

Annual Projected Expenditure Amount on Conservation Research and Development	
2021	\$2,495
2022	\$0
2023	\$0
2024	\$0

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- 8.** Please answer the following questions regarding research and development (R&D) recovered through base rates, if any.
- a. Please identify the amount included in base rates for R&D approved in the last rate case.
 - b. Please provide the annual historic amount spent for the period 2016 through 2020.
 - c. Please provide an annual projection of the amount to be spent for the period 2021 through 2024.
- A.**
- a. There is no R&D approved in the current rate bases.
 - b. There has been nothing recorded as R&D for historic base rates.
 - c. There is no R&D projected in base rates from 2021 through 2024.