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February 24, 2021

VIA: ELECTRONIC FILING

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

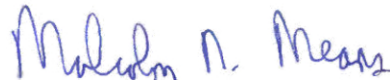
In re: Petition of Tampa Electric Company for approval of Direct Current Microgrid
Pilot Program; Docket No. 20200234-EI;

Dear Mr. Teitzman:

Attached for filing in the above docket are Tampa Electric Company's responses to Staff's
Fifth Data Request (Nos. 1-2), propounded on February 17, 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)
Suzanne Brownless, Special Counsel, FPSC (w/attachment)

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200234-EI
STAFF'S FIFTH DATA REQUEST
REQUEST NO. 1
PAGE 1 OF 1
FILED: FEBRUARY 24, 2021**

1. Please refer to Paragraph 46 of the petition. In the event of program termination, explain how TECO intends to offer the existing rooftop solar to the customer. Is TECO intending to offer the existing rooftop solar at a nominal value (\$1) or the actual value of the equipment at the time?
 - A. In the event of program termination by Tampa Electric or the Public Service Commission, and Tampa Electric no longer desires to retain ownership of the rooftop solar on the customer's homes, each homeowner will be offered the opportunity to purchase their rooftop solar for a nominal value (\$1).

**TAMPA ELECTRIC COMPANY
DOCKET NO. 20200234-EI
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REQUEST NO. 2
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2. Please provide the pilot program's estimated rate impact for a single residential home using 1,000 kWh a month for each year of the pilot.

A. The cost of the DC portion of the project (as shown in response to Staff's First Data Request, Request No. 2) in annual revenue requirement is \$200,000 in 2021 and 2022, and then \$190,000 in 2023 and 2024. Assuming a 58% residential allocation of these costs, results in an estimated 1000 kWh bill impact of:

2021 and 2022: \$116,000 residential divided by 9,587,060 MWH results in a \$0.01 per 1000 kWh bill impact.

2023 and 2024: \$110,200 residential divided by 9,587,060 MWH results in a \$0.01 per 1000 kWh bill impact.