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# Public Service Commission

December 28, 2020

## STAFF'S SECOND DATA REQUEST VIA E-MAIL

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**Re: Docket No. 20200234-EI - In re: Petition of Tampa Electric Company for approval of direct current microgrid pilot program and for variance or waiver of Rule 25-6.-65, F.A.C.**

Dear Mr. Means:

Please provide responses to the following data and documents requests in the above-referenced docket with the Commission Clerk by Monday, January 18, 2021.

1. Please refer to Paragraphs 6, 25, 62, and 63 of the Petition where TECO indicates that the petitioned Direct Current Microgrid Pilot Program involves "new and innovative technologies" and respond to the following questions:
  - a. Assuming the Petition is granted by the Commission, does TECO envision that it will need to request approval of new depreciation accounts/subaccounts, with corresponding depreciation rates, to record the new categories, if any, of tangible and/or intangible assets that are to be installed?
  - b. If your response to Question No. 1.a is affirmative, please identify the new plant categories, proposed depreciation rates and effective date, if known to the Company at this time.
2. Paragraph 31 of the Petition reads "Tampa Electric and ETFI will initially operate the System under a one-year test period. Tampa Electric will retain the exclusive right to

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suspend the use of the System and switch to use of the AC distribution system at any time.” Please respond to the following questions:

- a. Are there plant additions associated with the System?
  - b. If your response to Question No. 2.a is affirmative, please identify, if known to the Company at this time, the plant additions and description, the amount of plant additions, as well as the affected depreciation accounts, associated with the System.
  - c. If your response to Question No. 2.a is affirmative, please explain how TECO intends to treat the un-depreciated portion of the System-related plant additions (i) after the one-year test period; and (ii) after TECO decides “to suspend the use of the System.”
3. Paragraph 32 of the Petition reads “[i]f Tampa Electric elects to unwind the Block Energy System based on system performance, ETFI is obligated at its sole expense to remove all components of the system for which use is discontinued (except for the Community Energy Park and installed solar panels), restore the development property to its prior condition, and refund the corresponding portion of the purchase price back to Tampa Electric.” Please clarify whether ETFI is required to refund the original installation costs of all components of the system which are to be removed in the described situation.
4. Paragraph 37 of the Petition reads “Tampa Electric will obtain an easement for each of the subject properties;” and Paragraph 39 of the Petition reads “Tampa Electric has the right to terminate the easement at any time.” Please explain how TECO intends to treat the un-depreciated portion of the easement if it decides to terminate the use of the easement.
5. Referring to TECO’s Petition for Approval of Direct Current Microgrid Pilot Program (Petition), Paragraph 40, where the Company requests that the program-associated assets be afforded rate base treatment, please provide responses to the following questions regarding the cost recovery of the assets to be installed as part of the petitioned pilot program:
- a. Please identify the estimated total dollar amount, if known to the Company at this time, of the plant additions caused by and required for the Pilot Program.
  - b. Please identify all the depreciation accounts, if known to the Company at this time, which would be affected by the Pilot Program.
  - c. Paragraph 10 of the Petition reads “Tampa Electric plans for the Pilot to last four years.” Please explain how TECO intends to treat the associated plant assets, if any, whose installations, and operational functions, are purely caused by, and only serve the Pilot Program after four years when the Pilot Program is completed.
6. Please refer to Paragraph 66 of the Petition. In case the scenario of “sign[ing] over ownership of the rooftop solar panels to the homeowner” happens, please explain how TECO intends to treat the un-recovered amount of capital investment associated with those rooftop solar panels.

Malcom N. Means, Esq.

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7. Please refer to Paragraph 66 of the Petition. In the case of the Block Energy System does not perform as anticipated, such that TECO then disconnects the home from the microgrid, please explain:
  - a. What is the intended disposition of the batteries, inverters, and other equipment (other than the solar panels) at that point?
  - b. How does TECO propose to account for the remaining net book value of these assets?

Should you have any questions or need more information regarding this data request, please contact me at (850) 413-6218 or [sbrownle@psc.state.fl.us](mailto:sbrownle@psc.state.fl.us) .

Very truly yours,

*/s/ Suzanne Brownless*

Suzanne Brownless  
Special Counsel

cc: Commission Clerk