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Public Service Commission

March 19, 2021

STAFF'S SEVENTH 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 file responses to the following data and document requests in the above-referenced docket with the Commission Clerk by Monday, March 29, 2021:

1. Please refer to TECO's response to Staff's First Data Request, No. 18. Please describe what reimbursement of the portion of the purchase price refunded by Emera Technologies Florida, Inc. (ETFI), if any, will occur for TECO ratepayers in the event of a permanent suspension of the Microgrid project. If there is no reimbursement planned for TECO ratepayers, please explain why not.

2. Please refer to TECO's response to Staff's First Data Request, No. 23(b). Please clarify under which circumstances ETFI will and won't pay for any additional necessary equipment homeowners need to make these panels compatible with TECO's traditional generation system.

3. Please refer to TECO's response to Staff's First Data Request, No. 25.
a. Please provide an up-to-date economic analysis of the Block Energy System versus traditional generation. This response should provide the annual and cumulative values

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over the life of the Block Energy System (in nominal and net present value). This should include the following categories: Avoided Capital, O&M, Avoided O&M, Fuel Costs, Fuel Savings and Avoided Transmission and Distribution Capital. Provide this response in electronic (Excel) format.

b. Please identify and provide the installed cost for each piece of equipment used in Block Energy System. As a part of this response please provide the total installed cost of the Block Energy System. Provide this response in electronic (Excel) format.

4. Please refer to TECO's revised response to Staff's First Data Request, No. 2(a).

a. Please provide the work papers used to develop the values for TECO's revised response.

b. Please explain what caused the approximately 33 percent increase in NPV Pilot program costs from \$660,000 to \$884,000.

c. Please explain whether or not manual transfer switches will be included in the Microgrid design. If so, please explain why zero dollars are associated with AC infrastructure, and provide the amount associated with them.

d. Please verify the amount of expenses associated solely with the EPC Agreement.

e. Please verify that TECO would not be seeking recovery of any expenses, including through base rates and/or cost recovery clauses, associated with the Microgrid project or its associated equipment after 2024 for the remaining service life of any components. If TECO would be seeking recovery, please provide the amount that would be recovered through base rates and/or cost recovery clauses for the full life of the components.

f. Please identify and provide the installed cost for each piece of equipment used in the DC Microgrid Pilot Program. As a part of this response please provide the total installed cost of the DC Microgrid Pilot Program. Provide this response in electronic (Excel) format.

g. Please identify each source of non-capital expenses, such as fuel or O&M, and provide the non-capital expenses for the life of each piece of equipment in the DC Microgrid Pilot Program. As a part of this response please provide the total non-capital expenses for the DC Microgrid Pilot Program. Provide this response in electronic (Excel) format.

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.

Very truly yours,

/s/ Suzanne Brownless

Suzanne Brownless
Special Counsel

cc: Commission Clerk