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Public Service Commission

December 20, 2017

Mr. James D. Beasley
Ausley McMullen
Post Office Box 391
Tallahassee, FL 32302
jbeasley@ausley.com

STAFF'S FIRST DATA REQUEST VIA US MAIL & EMAIL

Re: Docket No. 20170258-EQ - Petition for approval of a standard interconnection agreement for interconnected customer-owned battery subsystems, by Tampa Electric Company.

Dear Mr. Beasley:

Please provide responses to the following questions to the Office of Commission Clerk, Florida Public Service Commission, 2540 Shumard Oak Blvd., Tallahassee, FL 32399-0850, by **December 29, 2017**.

1. Please provide the total current number of customer-owned and rented battery subsystems.
 - a. Provide an estimate of the projected number of customer-owned and rented battery subsystems for the next five years.
2. Explain whether or not the batteries could be charged by solar arrays and be eligible for this tariff. If not, please explain why.
3. Please explain how facilitating the interconnection of customer-owned battery subsystems will affect the Utility's electrical grid. As part of this response, discuss any foreseen negative impacts, if any, due to these interconnections.
4. Outline all benefits of the interconnection agreement for both the customers owning/renting battery subsystems and the general body of ratepayers as a whole.
5. Please refer to paragraph 6 of the petition. Identify the "one leading supplier of such battery subsystems" mentioned.
6. Refer to Exhibit A, paragraph 2. Please provide examples of the "faulted conditions" mentioned therein.

7. Please refer to Exhibit A, paragraph 2. Provide the amount of time it will take the Utility's System Security Department to approve the protective scheme mentioned.
8. Refer to Exhibit A, paragraph 8. It states that the customer is responsible for damage protection from the "normal and abnormal" operations that occur on the Utility's system in delivering and restoring system power. Besides "normal and abnormal" operations, are there any other conditions? If so, please provide those conditions.
 - a. Provide examples of "abnormal" operations that could occur on the Utility's system.
9. Please refer to Exhibit A, paragraph 9. It states "the Company will pay a one-time reimbursement for the installation of the switch not to exceed the amount listed on the Company website." Detail whether or not this means the switch installation cost can vary.
10. Refer to Exhibit A, paragraph 11.b. The second sentence references Paragraph 12.a but paragraph 12.a does not exist. Please clarify.
11. Please refer to Exhibit A, paragraph 16. An "applicable processing charge" is mentioned. Provide the amount of the processing charge.
 - a. Is there an initial processing charge for the customer upon initiation of the interconnection agreement? If so, please provide that amount.

Please contact Takira Thompson by phone at (850) 413-6592 or by email at tthomps@psc.state.fl.us if you have any questions.

Sincerely,



Takira Thompson
Engineering Specialist
Florida Public Service Commission
Division of Engineering

TT:pz

cc: Office of Commission Clerk (Docket No. 20170258-EQ)