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Public Service Commission

December 14, 2017

Mr. Matthew R. Bernier
Duke Energy Florida, Inc.
106 East College Ave, Suite 800
Tallahassee, FL 32301
matthew.bernier@duke-energy.com

**STAFF'S FIFTH DATA REQUEST
VIA EMAIL & US MAIL**

Re: Docket No. 150083-EG Petition for approval of demand-side management plan of Duke Energy Florida, Inc.

Dear Mr. Bernier:

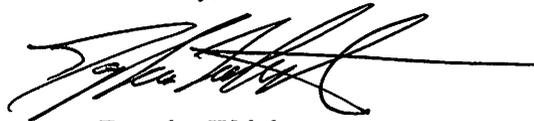
Please provide a response to the following questions regarding the proposed modifications to programs standards for the Better Business Program by December 28, 2017.

1. Please refer to Section 9.2.3 of the Program Standards.
 - a. It appears the reference to Section 11.4 of the Program Standards is not correct. Please, correct the reference and provide revised pages.
 - b. In an effort to improve clarity of this requirement, should "All equipment installations shall meet or exceed the minimum efficiencies listed in Section 11.4 and meet manufacturers' instructions and specifications." instead be changed to read "All equipment installations shall meet or exceed the *minimum efficiency eligibility requirements for incentives* listed in Section 11.4 and meet manufacturers' instructions and specifications?" If so, please provide revised pages.
2. Please refer to Section 9.4 of the Program Standards.
 - a. Please refer to the title and explain what the asterisk found at the end denotes?
 - b. Please refer to the column titled "State Energy Code Standard."
 - i. In an effort to improve clarity of the information found in this column, should this column's title be changed to read "State Energy Code Minimum Efficiency Standard"? If so, please provide revised pages.

- ii. Why have the minimum efficiency requirements as provided in Florida Building Code – Energy Conservation Table C403.2.3(7) for partial-load optimized applications (Path B) been excluded from this column?
 - c. Please refer to the column titled “Chiller Type and Size Range.” When considering Florida Building Code – Energy Conservation Table C403.2.3(7), why do the size categories of each chilling technology differ from those in Table C403.2.3(7)? If this is an error, please provide revised pages.
 - d. Refer to the table subsection titled “Air Cooled.” Why are the energy efficiencies found in this subsection reported to only four significant figures when, in Table C403.2.3(7), they are reported to five significant figures? If this is an error, please provide revised pages.
 - e. Please refer to the column titled “Minimum Efficiency Eligible for Incentive.” Explain how these minimum efficiencies were determined. Specifically, explain what accounts for the difference between these efficiencies and their associated State Energy Code Minimum Efficiency Standard.
3. Refer to Section 10.2.5 of the Program Standards. Please clarify if the reference to Section 12.4 of the Program Standards is correct. If not, please provide revised pages.
 4. Refer to Section 11.2.1 of the Program Standards. Please clarify if the reference to Section 14.4 of the Program Standards is correct. If not, please provide revised pages.
 5. Refer to Section 12.2.3 of the Program Standards. It appears the reference to Section 15.4 of the Program Standards is not correct. Please, correct the reference and provide revised pages.

Please contact me by phone at (850) 413-6682 or by email at dwright@psc.state.fl.us if you have any questions.

Sincerely,



Douglas Wright
Engineering Specialist
Florida Public Service Commission
Division of Engineering

DW:tj

cc: Office of Commission Clerk (Docket No. 150083-EG)