

STATE OF FLORIDA



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(850) 413-6910

Public Service Commission

May 2, 2017

Ms. Diane Triplett
Duke Energy Florida
106 East College Ave., Ste. 800
Tallahassee, FL 32301
Dianne.triplett@duke-energy.com

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

RE: Docket No. 170072-EI – Petition for approval of amended standard offer contract and amended interconnection agreement, by Duke Energy Florida, LLC.

Dear Ms. Triplett:

By this letter, the Commission staff requests that Duke Energy Florida (DEF or Utility) provide responses to the following data requests.

For the first three questions, please refer to Section 6.3 of the amended standard offer contract.

1. Please explain what DEF would consider to be a “reasonable opportunity” to provide an offer to purchase Environmental Attributes (EAs).
2. Please explain whether or not the avoided unit will generate EAs.
 - a. Please provide an estimate of the market value of EAs, on a per MWh basis.
3. Please describe or explain how this provision of the standard offer contract comports with the Commission’s direction in Order No. PSC-09-0643-FOF-EI, issued September 22, 2009, in Docket No. 080501-EI, at page five, wherein the provision for the right of first refusal was specifically disallowed from inclusion in standard offer contracts.
4. Please complete the following table describing payments to a renewable provider based on the proposed tariffs included in the Utility’s revised standard offer contract. Please assume a renewable generator with a 50 MW output providing firm capacity with an in-service date of January 1, 2018, operating at the minimum capacity factor required for full capacity payments and a contract duration of 20 years. Please state the capacity factor assumed for the calculations. Please calculate the total Net Present Value (NPV) of all payments in 2018 dollars, and also provide an explanation of the method and rate used to calculate the NPV.

Please provide the completed table for each of the following five scenarios:

- As-available energy (energy only payments)
- Normal capacity payments
- Levelized payments
- Early payments
- Early levelized payments

Year	Energy (MWh)	Capacity Rate (\$/kw-mo)	Total Capacity Payments (\$)	Energy Rate (\$/MWh)	Total Energy Payments (\$)	Total Payments (\$)
2018						
2019						
2020						
2021						
2022						
2023						
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						
2037						
Total (nominal)						
Total (NPV)						

Ms. Diane Triplett

May 2, 2017

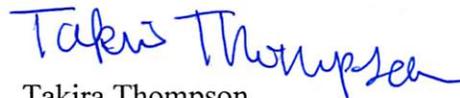
Page 3

Please submit your responses by May 31, 2017, to the address below:

The Commission Clerk,
Office of Commission Clerk,
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

If you have any questions please contact me by phone at (850) 413-6592, or by email at tthomps@psc.state.fl.us or, contact Traci Matthews at (850) 413-6682, or by email at tmatthew@psc.state.fl.us.

Sincerely,



Takira Thompson
Engineering Specialist
Division of Engineering

TT:tj

cc: Office of Commission Clerk (Docket No. 170072-EI)