

STATE OF FLORIDA



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# Public Service Commission

April 10, 2018

Ms. Dianne M. Triplett  
Duke Energy Florida, LLC  
Post Office Box 14042  
St. Petersburg, FL 33733-4042  
[Dianne.Triplett@duke-energy.com](mailto:Dianne.Triplett@duke-energy.com)

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

**RE: Docket No. 20180073-EQ – Petition for approval of amended standard offer contract (Schedule COG-2) based on a combustion turbine avoided unit, by Duke Energy Florida, LLC.**

Dear Ms. Triplett:

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

1. Please refer to Sheet 9.415 of the standard offer contract. Provide the rationale for selecting June 1, 2025, as the revised completed permits date.
2. Please refer to Sheet 9.455 of the standard offer contract. Provide the calculations for the values revised in Table 3 in Microsoft Excel format with formulas intact and all input parameters identified.
3. Please refer to Sheet 9.458 of the standard offer contract. Provide the calculations for the revised delivery voltage adjustment factors in Microsoft Excel format with formulas intact and all input parameters identified.
4. Please refer to Sheet 9.467 of the standard offer contract. Provide the calculations and/or selection rationale for the revised values in Microsoft Excel format with formulas intact and all input parameters identified.
5. Please refer to Sheet 9.468 of the standard offer contract. Provide the calculations and/or selection rationale for the revised values in Microsoft Excel format with formulas intact and all input parameters identified.

6. 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. Assume a renewable generator with a 50 MW output providing firm capacity with an in-service date of January 1, 2019, 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. Calculate the total Net Present Value (NPV) of all payments in 2019 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 (\$)
2019						
2020						
2021						
2022						
2023						
2024						
2025						
2026						
2027						
2028						
2029						
2030						
2031						
2032						
2033						
2034						
2035						
2036						
2037						
2038						
Total (nominal)						
Total (NPV)						

Ms. Dianne M. Triplett  
Date: April 10, 2018  
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Please submit your responses by April 30, 2018, to the address below:

Office of Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, Florida 32399

If you have any questions please contact me by phone at (850) 413-6682 or by email at [dwright@psc.state.fl.us](mailto:dwright@psc.state.fl.us).

Sincerely,



Douglas Wright  
Engineering Specialist  
Florida Public Service Commission  
Division of Engineering

DW:tj

cc: Office of Commission Clerk (Docket No. 20180073-EQ)