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DIVISION OF ENGINEERING
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Public Service Commission

April 11, 2018

Ms. Rhonda J. Alexander
Gulf Power Company
One Energy Place
Pensacola, FL 32520-0780
rjalexad@southernco.com

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

Re: Docket No. 20180081 – EQ- Petition for approval of new standard offer for purchase of firm capacity and energy from renewable energy facilities or small qualifying facilities and approval of tariff schedule REF-1, by Gulf Power Company.

Dear Ms. Alexander:

By this letter, the Commission staff requests that Gulf Power Company (Gulf or Utility) provide responses to the following data requests.

1. Please refer to Sheet 9.82 of the standard offer contract. Explain the additional language: "If the Facility elects to make no commitment as to the quantity or timing of its deliveries to the Company, the Committed Capacity in its Renewable Standard Offer will be zero (0) Megawatts, and the capacity rates set in accordance with the provisions of Paragraph A below shall not apply."
2. 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

Ms. Rhonda J. Alexander

Date: April 11, 2018

Page 2

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. Rhonda J. Alexander

Date: April 11, 2018

Page 3

Please submit your responses by May 2, 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) 413-6686, or by email at owooten@psc.state.fl.us.

Sincerely,



Orlando Wooten
Engineering Specialist
Florida Public Service Commission
Division of Engineering

OW:tj

cc: Office of Commission Clerk (Docket No. 20180081-EQ)