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March 24, 2015

VIA ELECTRONIC FILING

Gail L. Mount
Chief Clerk
North Carolina Utilities Commission
430 North Salisbury Street
Raleigh, North Carolina 27603

Re: Docket No. SP-5339, SUB 0
Bullock Solar, LLC

Dear Clerk Mount:

Enclosed for filing is the utility statement provided to Bullock Solar, LLC by Duke Energy Progress for the Application for a Certificate of Public Convenience and Necessity and Registration as a new Renewable Facility. The statement has been marked as Application Exhibit 6(iii).

Please contact me if you have any questions.

Sincerely,

/s/ Katherine E. Ross

PPAB 2745949v1

From: "Tharp, Scott E"

Date: March 12, 2015 at 10:43:04 AM PDT

To: "cohen@ccrenew.com" <cohen@ccrenew.com>

Cc: "Dunn, Kathy" <Kathy.Dunn@duke-energy.com>, "Canipe, Jennifer A" <Jennifer.Canipe@duke-energy.com>

Subject: FW: DEP Utility Statement - Bullock Solar, LLC

Utility Statement attached.

Thx

Scott

Scott Tharp

Duke Energy - Business Development Manager

OFFICIAL COPY

Mar 24 2015

Bullock Solar CPCN Statement

The proposed 50 MW Bullock Solar generation addition has been analyzed to determine the impact to DEP. It is prudent to analyze solar resources over a range of values for firm coincident capacity at the time of system peak. Assuming a 44% solar contribution to peak, the Bullock Solar facility will add approximately 0.9% of DEP's nominal reserves. DEP recognizes that the 44% coincident contribution to system peak for solar resources can vary. Therefore, should the peak contribution vary, for each 10% change to the coincident contribution of the solar resources, reserves vary approximately 0.2%.

In addition, this capacity impacts DEP's reserve margin by approximately 0.2%. Every 10% change in the coincident contribution to system peak equates to 0.04% of reserve margin.

For 2017, DEP's forecasted sales are 67,083 GWh. The collective generation impact of this solar facility would represent 0.16 % of the forecasted sales.

While alone, this facility does not have a significant impact on future DEP capacity needs, when combined with other QF facilities being submitted for CPCN, the impact to DEP's future capacity needs are substantial. DEP will continue to study the impacts of the aggregation of the QF facilities to the DEP system.