



500 West Russell Street  
Sioux Falls, South Dakota 57101-0988

July 31, 2020

—VIA ELECTRONIC FILING—

Ms. Patricia Van Gerpen  
Executive Director  
South Dakota Public Utilities Commission  
State Capitol Building  
500 East Capitol Avenue  
Pierre, South Dakota 57501-5070

RE: SUPPLEMENTAL PRECONSTRUCTION FILING – SITE PERMIT CONDITION NO. 29 – PRE-CONSTRUCTION DESIGN, LAYOUT, AND PLANS; SOUND LEVEL ANALYSIS AND SHADOW FLICKER ANALYSIS  
APPLICATION BY DAKOTA RANGE I, LLC & DAKOTA RANGE II, LLC FOR A PERMIT OF A WIND ENERGY FACILITY IN GRANT COUNTY & CODINGTON COUNTY, SOUTH DAKOTA, FOR THE DAKOTA RANGE WIND FARM  
DOCKET NO. EL18-003

Dear Ms. Van Gerpen:

Northern States Power Company, doing business as Xcel Energy (NSP or the Company), submits this supplemental pre-construction filing to the Commission for the 302.4 MW wind energy conversion facility located in Grant and Codington Counties South Dakota known as the Dakota Range I & II Wind Energy Facility.

The Commission's July 23, 2018 Order Granting Permit to Construct Wind Energy Facility – Permit Condition 29 states:

Not less than 30 days prior to commencement of construction work in the field for the Project, Applicant will provide to Commission staff the following information:

- a) the most current preconstruction design, layout, and plans, including the specifications of the turbine model selected;
- b) a sound level analysis showing compliance with the applicable sound level requirements;

- c) a shadow flicker analysis showing the anticipated shadow flicker levels will not exceed Applicant's voluntary commitment of 30 hours per year at any nonparticipating residence; and
- d) such additional Project preconstruction information as Commission staff requests.

On July 2, 2020 the Company submitted our Pre-Construction filing containing the: Pre-Construction Design, Layout, and Plans; Sound Level Analysis; and Shadow Flicker Analysis. Today the Company submitted a filing for Commission approval regarding a material change to the turbines for the project. The Company has made adjustments to the turbines that were previously approved by the Commission in the July 23, 2018 Final Decision & Order. The Order approved up to 72 V136-4.2 MW turbines. Although the project still includes 72 wind turbines, eight of the turbines are changing technology from the V136-4.2 MW turbines to Vestas 136-3.6 MW and V120-2.2 MW turbines.

The Company provides an updated project map reflecting approved locations and proposed adjustments for the eight turbines as Attachment A to this filing. An updated Sound Analysis is provided as Attachment B to this filing, and an updated Shadow Flicker Analysis is provided as Attachment C to this filing. Additional details can be found in the Site Permit Condition 22 filing that is also being submitted today in this docket.

In regard to subpart d of Permit Condition 29, to date the Company has not received any additional requests for project preconstruction information from Commission staff. Should any requests be received, the Company will comply and submit the requested information as it is available.

If you have any questions regarding this filing, please contact Amber Hedlund at (612) 337-2268 or [amber.r.hedlund@xcelenergy.com](mailto:amber.r.hedlund@xcelenergy.com) or me at (605) 339-8350 or [steven.t.kolbeck@xcelenergy.com](mailto:steven.t.kolbeck@xcelenergy.com).

Sincerely,

/s/

STEVEN T. KOLBECK  
PRINCIPAL MANAGER – SOUTH DAKOTA

Enclosures