



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

July 1, 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: 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 AND 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 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.

In compliance with this Site Permit Condition, the Company provides the following attachments:

- Attachment A – Current Pre-Construction Design, Layout, and Plans
- Attachment B – Sound Level Analysis
- Attachment C – Shadow Flicker Analysis

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.

We note that we are planning to change turbine models for eight of the turbines identified in Attachment A. Specifically, we intend to replace the turbines identified with the following WTG IDs: 1, 3, 7, 13, 20, 50, 60a, and 70, which originally were planned as Vestas V136 – 4.2 MW turbines, with Vestas V136 – 3.6 MW and V120 – 2.2 MW turbines. Consistent with Permit Condition 22, we anticipate filing a request for approval of a “material change,” along with all required information, related to these turbines later this month. At that time, we also will provide an updated layout, sound analysis, and shadow flicker analysis pursuant to Permit Condition 29.

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