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From the offices of Miles F. Schumacher

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April 7, 2020

Via Electronic Filing

Ms. Patricia Van Gerpen
Executive Director
South Dakota Public Utilities Commission
500 East Capitol Avenue
Pierre, SD 57501

Re: Docket #EL19-027
Application to the SD PUC for a Facility Permit to Construct
A 300 megawatt Wind Facility

Pursuant to Condition Nos. 42a, b and c, Crowned Ridge Wind II files the following pre-construction documents:

- The most current preconstruction design, layout, and plans, including the turbine Models which is Attachment A;
- A sound level analysis showing compliance with the Commission approved sound level requirements, which is Attachment B; and
- A shadow flicker analysis showing the anticipated shadow flicker levels will not exceed the Commission approved shadow flicker requirements,¹ which is Attachment C.

The following provides an explanation of turbine shifts from the filing of rebuttal testimony to this preconstruction filing, and information helpful to understanding the most current preconstruction design.

¹ As recognized in the Final Order, Crowned Ridge Wind II will need to curtail Turbine No. CRWII Alt-3 for approximately 8 hours and 20 minutes a year to ensure CR1-C10-P does not receive more than 30 hours of shadow flicker annually.

- Turbines 70, T71, T74, T81 and Alt5² were shifted for the following reasons:
 - Turbine 74 shifted 15 feet to the south to provide additional distance from Deuel county 4X tip height (1,944') setback to a non-participating receptor.
 - Turbine 70 shifted 10 feet to the north to provide additional distance from Deuel county 4X tip height (1,944') setback to a non-participating receptor.
 - Turbine T71 shifted 20 feet to the east to provide additional distance from Codington county 1.1X tip height (535') setback to the nearest non-participating property line as a result of the ALTA surveys.
 - Turbine 81 shifted 25 feet to the east to provide additional distance from Codington county 1.1X tip height (535') setback to the nearest property line as a result of the ALTA surveys.
 - Turbine Alt5 shifted 120' to the southeast to meet Deuel county 4X tip height (1,944') setback to a non-participating receptor.

No turbine shifts require the re-filing of a Determination of No Hazard with the Federal Aviation Administration (FAA). All shifts were accounted for in the attached sound and shadow flicker studies, which should be in compliance with the Commission approved sound and shadow flicker requirements. Additionally, newly affected areas from the shifts have been field assessed and are in compliance with environment and cultural setbacks.

- Certain shifts in collection and access routing were made and a crane path dropped to address landowner preferences. Desktop cultural and environmental assessments of the newly affected areas are complete with no concerns identified. Field verifications will be performed prior to commencing construction.
- The preconstruction design shows two batch plant locations. The eastern location is the preferred location, because it is farther from the residence and will provide access off county road 289 in addition to off US Hwy 212, minimizing the heavy truck traffic pulling into and out of traffic on the highway. We will finalize the batch plant location prior to the start of construction.
- The preconstruction design shows an update to the met tower locations. Both former met tower locations have been removed and will be replaced with one 20' met tower which will be located within the fenced area of the collector substation. This change was made in coordination with Northern States Power Company to better align with their operating requirements.
- The preconstruction design shows the locations of the two Aircraft Detection Lighting System radars under review by the FAA.

² In the Crowned Ridge Wind II brief, it discussed Alt2 in footnote 5. The Alt2 in footnote 5 is Alt5 on the pre-construction map submitted herein. Alt 2 will be the final post construction number of Alt5, and will be labeled as such in the as-built filing after construction.

- The Crowned Ridge Wind I laydown yard and batch plant will continue being used to support both Crowned Ridge Wind I reclamation efforts as well as to support Crowned Ridge Wind II construction.

As with the rebuttal testimony, the pre-construction maps show the 200 megawatt (MW) array and 100 MW array that is deferred until MISO and SPP support its construction. At this time, Crowned Ridge Wind II does not have the results of the MISO and SPP studies related to the 100 MW deferred array, and, therefore, will not start construction of that array upon expiration of the 30-day compliance period. After the 30-day compliance period has expired, Crowned Ridge Wind II will commence construction on the 200 MW array.

Yours very truly,

LYNN, JACKSON, SHULTZ & LEBRUN, P.C.

/s/ Miles F. Schumacher

Miles F. Schumacher
MFS:kab
Enclosure