

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF SOUTH DAKOTA**

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In the Matter of the Application of Crowned Ridge Wind II, LLC for a Facility Permit to Construct a 230kV Transmission Line and Associated Facilities in Codington County

EL17-050

**MOTION FOR APPROVAL  
AND ACCEPTANCE  
OF CIRCUIT CHANGE**

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Crowned Ridge Wind, LLC, Applicant named above and hereafter referred to as “Crowned Ridge”, by and through its attorney, Miles F. Schumacher, of Lynn, Jackson, Shultz & Lebrun, P.C., hereby files the above-referenced Motion for Approval and Acceptance of Circuit Change with the South Dakota Public Utilities Commission (“Commission”). Crowned Ridge requests that the Commission approve and accept certain changes to the project.

In Support of this Motion, Crowned Ridge submits as follows:

In Crowned Ridge’s application it presented two options for the circuits to be used on the transmission line: single and double. On January 8, 2018, Crowned Ridge indicated that it was proceeding with the double circuit design, because the studies associated with the single circuit design would not be completed within 120 days of the filing of the application and before the public input hearing. On November 21, 2018, the Commission issued an order approving the settlement stipulation and granting a permit to construct a transmission facility. That Commission approval contemplated the construction of a double circuit transmission line.

At this time, the requisite studies for a single circuit transmission line have been completed and they confirm a single circuit transmission line can be reliably interconnected to the Big Stone Substation. Crowned Ridge, therefore, moves to proceed with the construction of a single circuit transmission line.

Since the filing of the application, the design of a single circuit transmission line includes the following refinements:

1. A widening of the right-of-way (“ROW”) in one highly constrained area that would increase the ROW from 150 feet wide at structure 198 to 250 feet wide from structure 199 to 202 before returning back to 150 feet wide after structure 202;
2. Transmission structure heights with fewer conductor arms and ranging from 120 feet to maximum structure height of 165 feet to accommodate landowner preferences and to minimize conflicts with known environmental constraints (See Appendix F of the Application provided single circuit designs);
3. The foundation will be an additional two feet higher, for a total maximum height of 167 feet to support two taller poles with longer spans (there are only two structures over 160 feet);
4. The maximum span is 2005 feet to accommodate environmental constraints (for one span); and
5. The maximum foundation diameter is 14 feet (for one structure).

The centerline for the single circuit transmission line, with a total of 230 transmission structures, is provided as Attachment 1.

WHEREFORE, for the foregoing reasons, Crowned Ridge requests the Commission grant the Motion for Approval and Acceptance of Circuit Change.

Dated this 29 day of March, 2019.



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