

- ☐ Not Public Document – Not For Public Disclosure  
☒ Public Document – Not Public Data Has Been Excised  
☐ Public Document

Xcel Energy Data Request No. 1-8  
Docket No.: EL20-026 SUPPLEMENT  
Response To: South Dakota Public Utilities Commission  
Requestor: Patrick Steffensen  
Date Received: October 27, 2020

Question:

Explain in detail the alterations made to the Jeffers Wind and Community Wind North turbines with the refurbishing projects. What are the capacities and capacity factors before and after the refurbishing?

Response:

Jeffers Wind consists of twenty 2.5MW Clipper turbines and Community Wind North (CWN) consists of twelve 2.5MW Clipper turbines, of which are all being retrofitted with new Vestas rotors (consisting of the hub and three blades) and nacelles. The existing nacelle and rotor will be removed from each tower which will then be fitted with a short tower adaptor section to which the new nacelle will bolt. The existing tower will be retrofitted to support the new Vestas equipment including the switchgear, located at the base of the tower, and electrical cabling that carries the power from the nacelle to the base of the tower.

	<u>Before</u>	<u>After</u>
Jeffers Nameplate Capacity	50 MW	44 MW
	<b>[PROTECTED DATA BEGINS]</b>	
Jeffers Capacity Factor		
	<b>PROTECTED DATA ENDS]</b>	
CWN combined Nameplate Capacity*	30 MW	26.4 MW
	<b>[PROTECTED DATA BEGINS]</b>	
CWN Capacity Factor		
	<b>PROTECTED DATA ENDS]</b>	

\* Community North Nameplate Capacity: 15 MW before, 13.2 MW after; and North Wind Nameplate Capacity: 15 MW before, 13.2 MW after

Supplement:

Upon receiving a follow-up question from Staff, we discovered that the capacity factors provided for Jeffers “before” the repower did not reflect actual historical data. They were based on dated projections from the time the original project was first proposed. We should have included capacity factors based on historical experience consistent with the analysis provided in Attachment 9B. We apologize for that oversight.

For Jeffers, the before repower capacity factor based on historical experience is  
**[PROTECTED DATA BEGINS PROTECTED DATA ENDS]**.

Below is a corrected table:

	<u>Before</u>	<u>After</u>
Jeffers Nameplate Capacity	50 MW	44 MW
	<b>[PROTECTED DATA BEGINS</b>	
Jeffers Capacity Factor		
	<b>PROTECTED DATA ENDS]</b>	
CWN combined Nameplate Capacity*	30 MW	26.4 MW
	<b>[PROTECTED DATA BEGINS</b>	
CWN Capacity Factor		
	<b>PROTECTED DATA ENDS]</b>	

Pursuant to South Dakota Admin. R. 20:10:01:41, we provide the following support for our request to classify certain information marked above as confidential trade secret data.

- (1) An identification of the document and the general subject matter of the materials or the portions of the document for which confidentiality is being requested.**

We request confidential treatment of the curtailment information contained in Data Request No. 1-8 on the grounds that the material is trade secret information, the disclosure of which could result in damage to the Company’s financial or competitive position with respect to negotiations with parties for the purchase of power. Curtailment pricing is negotiated under the terms of a Power Purchase Agreement and is not available to the general public.

- (2) The length of time for which confidentiality is being requested and a request for handling at the end of that time. This does not preclude a later request to extend the period of confidential treatment.**

The Company requests that Data Request No. 1-8 be recognized as trade secret data in perpetuity.

- (3) The name, address, and phone number of a person to be contacted regarding the confidentiality request.**

Steve T. Kolbeck  
Principal Manager  
500 W. Russell Street  
P.O. Box 988  
Sioux Falls, SD 57101  
(605) 339-8350  
[steve.t.kolbeck@xcelenergy.com](mailto:steve.t.kolbeck@xcelenergy.com)

- (4) The statutory or common law grounds and any administrative rules under which confidentiality is requested. Failure to include all possible grounds for confidential treatment does not preclude the party from raising additional grounds in the future.**

The claim for confidential treatment is based on South Dakota Admin. R. 20:10:01:39 (4) and S.D. Codified Laws Chapter 1-27-30. The information contained within the referenced documents meets the definition of “trade secret” under S.D. Codified Laws Chapter 37-29-1(4)(1), the South Dakota Uniform Trade Secrets Act, which is defined as information that “Derives independent economic value, actual or potential, from not being generally known to, and not being readily ascertainable by proper means by, other persons who can obtain economic value from its disclosure or use, and... is the subject of efforts that are reasonable under the circumstances to maintain its secrecy.”

- (5) The factual basis that qualifies the information for confidentiality under the authority cited.**

Curtailment pricing derives independent economic value from not being generally known as negotiating parties could use the information to their advantage in future power purchase transactions.

Preparer: Brad Morrison  
Title: Manager, Renewables Project Development  
Department: Energy Supply Projects  
Telephone: 612-330-6283  
Date: November 10, 2020 Supplement: December 18, 2020