

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

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**IN THE MATTER OF THE  
APPLICATION BY CROWNED RIDGE  
WIND, LLC FOR A PERMIT OF A  
WIND ENERGY FACILITY IN GRANT  
AND CODINGTON COUNTIES**

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**AMBER CHRISTENSON'S  
DATA REQUESTS TO CROWNED  
RIDGE WIND, LLC**

**EL19-003**

Below, please find Intervenor Amber Christenson's First Set of Data Requests to Crowned Ridge Wind, LLC. Please submit responses within 10 business days. Amber Christenson reserves the right to ask additional and follow up questions.

- 1-1) To Epsilon: Sound levels in your report are presented as whole decibels. Please provide sound levels including the fractions in the Wind Turbine Only sound profiles.
- 1-2) To Epsilon: Please list the five turbines you determined to be closest to each test location in the Crowned Ridge Wind project.
- 1-3) To Epsilon: Please explain the difference in equipment 377B20 vs 377C20. Please explain why each version was chosen for the specific location.
- 1-4) Please provide the data showing when WIOM activated, specifically which turbines and the times WIOM was being utilized.
- 1-5) Please describe the operation of WIOM. In your response, please include in the explanation if the function of WIOM to feather blades, but not shut down a turbine due to icing? Please explain.
- 1-6) Please identify any other project owned or operated by NextEra which utilizes WIOM technology.
- 1-7) Please provide a list of the turbines which were shut down for maintenance reasons during the sound testing period, 11/2/22-11/18/22. Specifically provide which turbines, dates and times each of the turbines was out of service.
- 1-8) Please provide wind turbine output ranges for each of the 5 closes turbines to each test location during the sound study testing in November 2021. Also provide the output ranges for the 5 closest turbines to the test locations which were part of the October 2020

sound study. Specifically focus on power output one hour before and after each shutdown and during the shutdown periods.

- 1-9) Please provide the specific output of turbines during MISO curtailments. Be turbine specific as to which turbines were shut down or reduced in power, dates and times.

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Dated this 21st day of April 2022.

/s/Amber Christenson  
Amber Christenson  
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Strandburg, SD 57265  
605-467-3535