

**IN THE MATTER OF THE
APPLICATION BY CROCKER WIND
FARM, LLC FOR A PERMIT OF A
WIND ENERGY FACILITY AND A 345
KV TRANSMISSION LINE IN CLARK
COUNTY, SOUTH DAKOTA, FOR
CROCKER WIND FARM**

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EL17-055

I, Melissa Schmit, being first duly sworn on oath, state and allege as follows:

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- D. Turbine 155 has been adjusted 526 feet to the southwest to avoid a microwave beam path. Based on the conclusions of the Microwave Study completed for the Project, it was determined that the turbine needed to be shifted, as it was found to intersect the two-dimensional Fresnel Zone of one microwave beam path. As a result, the turbine location was shifted approximately 120 feet southwest. From that position the turbine required further adjustment to the proposed position to avoid wetland impacts and to position the turbine at a higher elevation.
 - E. Turbine 178 has been adjusted 463 feet to the south to avoid permanent impacts to a U.S. Fish and Wildlife Service protected basin.
 - F. Turbine 220 has been adjusted 803 feet to the west to avoid impacts to resources identified during tribal surveys.
- 5. The turbine adjustments comply with the specified noise and shadow flicker requirements set forth in paragraphs 29 and 30(c) of the Permit Conditions. **Exhibit B**, attached hereto, provides the highest modeled shadow flicker and noise level at a residence for each turbine based on an updated analysis of the current proposed Project layout. In accordance with paragraph 30 of the Permit Conditions, updated noise and shadow flicker analysis reports will be filed with the Commission at least 30 days prior to construction.
 - 6. The confidential version of **Exhibit A** identifies the locations of cultural resources, sensitive species habitat, and wetlands in relation to the proposed turbine adjustments. In addition, **Exhibit B** provides the distances of the proposed turbine locations from residences, property lines, roads, and cemeteries. As shown in **Exhibit A** and **Exhibit B**, the proposed turbine adjustments avoid cultural resources, sensitive species habitat, and wetland impacts, and comply with all applicable county and state setback requirements.
 - 7. All modifications are located on land under lease/easement for the Project.
 - 8. With respect to the Project, including the proposed turbine adjustments, Crocker will comply with the Commission's Order and all other applicable regulations and requirements.
 - 9. Based on the foregoing, Crocker requests approval of the six (6) proposed turbine adjustments.

FURTHER AFFIANT SAYETH NOT.

Dated this 2 day of Aug, 2018.



Melissa Schmit

Subscribed and sworn to before me on this 2 day of Aug, 2018.



Notary Public

My Commission Expires: JAN. 31, 2021

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