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South Dakota

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September 3, 2019

Patricia Van Gerpen
Executive Director
SD Public Utilities Commission
500 E. Capitol Ave.
Pierre, SD 57501

RE: Information on Prevailing Wind Park Turbine 8 Material Deviation, Docket EL18-026

Dear Ms. Van Gerpen,

After reviewing the material deviation request for turbine 8 filed by Prevailing Wind Park on August 6, 2019, Staff did not have any concerns with the turbine shift due to (1) the turbine shift remaining in compliance with permit conditions and (2) the expected minimal change in impact to the closest non-participating receptor. Therefore, Staff did not request further review of the material deviation in accordance with Condition 23.

The closest non-participating receptor to turbine 8 is Mr. Fuerniss. In response to Mr. Fuerniss' comments regarding the material deviation of turbine 8 submitted on August 30, 2019, Staff provides a summary of the expected impacts to Mr. Fuerniss below.

Expected Change to Receptor 68 (Fuerniss)		
	Before	After
Noise	35.8 dba	36.1 dba
Shadow Flicker	3.13 hours	7.28 hours
Turbine 8 Distance	4,691 ft	4,257 ft
Nearest Turbine Distance	4,059 ft	4,059 ft

Expected Change to Receptor 69 (Fuerniss)		
	Before	After
Noise	36.0 dba	36.2 dba
Shadow Flicker	3.20 hours	7.53 hours
Turbine 8 Distance to Receptor	4,579 ft	4,134 ft
Turbine 8 Distance to Property Line	2,456 ft	1,968 ft
Nearest Turbine Distance	3,845 ft	3,845 ft

Also attached to this letter is an aerial image of Mr. Fuerniss' closest receptor and the turbine 8 shift, providing a visual of the distance impacts due to the shift of turbine 8.

/s/ Kristen N. Edwards

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