

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

**IN THE MATTER OF THE)
APPLICATION OF CROWNED)
RIDGE WIND, LLC FOR A) EL-19-003
PERMIT OF A WIND ENERGY)
FACILITY IN GRANT)
AND CODINGTON COUNTIES)**

**IN THE MATTER OF THE)
STAFF’S PETITION FOR)
A SHOW CAUSE ORDER) EL20-002
REGARDING)
CROWNED RIDGE WIND, LLC)**

WEEKLY REPORT ON AIRCRAFT DETECTION LIGHT SYSTEM

On May 26, 2020, in Docket Nos. EL19-003 and EL20-002 Crowned Ridge Wind, LLC (“Crowned Ridge”) committed to file weekly reports that show the same information in Table 1 of the May 26, 2020 submittal for the previous week, as and will explain what adjustments and filters were applied to the Aircraft Detection Light System (“ADLS”) in that week.

TABLE 1 FOR WEEK OF MAY 24 TO MAY 30, 2020

Sunset	Sunrise	Total night hours	Lights on hours during night	Lights on night percentage
5/24/2020 20:00	5/25/2020 4:47	8.79	0.43	4.87
5/25/2020 20:01	5/26/2020 4:46	8.76	5.22	59.56
5/26/2020 20:02	5/27/2020 4:46	8.73	0.86	9.85
5/27/2020 20:03	5/28/2020 4:45	8.71	2.96	33.98
5/28/2020 20:04	5/29/2020 4:44	8.68	0.65	7.46
5/29/2020 20:05	5/30/2020 4:44	8.65	2.00	23.15
5/30/2020 20:05	5/31/2020 4:43	8.63	3.07	35.58

During the past week, Crowned Ridge adjusted and applied filters to the ADLS to address what is referred to as short track radar rotation false positives which result from the radars during

their rotation picking up short track – wind turbine tips, for example, images – rather than longer track images. As stated in the May 26, 2020 submission, the adjustments and filters, including for the short tracks, are being made with safety as a first priority.

Sincerely,

June 2, 2020

/s/ Miles Schumacher _____

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