

**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 (1) show the same information in Table 1 of the May 26, 2020 submittal for the previous week; and (2) explain what adjustments and filters were applied to the Aircraft Detection Light System (“ADLS”) in that week.

This report provides the weekly table for July 26 through August 2, 2020 and explains adjustments and filters applied in the past week.

TABLE 1 FOR WEEK OF JULY 26-August 2, 2020

| Sunset | Sunrise | Total night hours | Lights on hours during night | Lights on night percentage | Hours warning lights were on due to aircraft in the area |
|-----------------|-----------------|-------------------|------------------------------|----------------------------|--|
| 7/26/2020 20:00 | 7/27/2020 05:07 | 9.13 | 1.57 | 17.18 | 1.57 |
| 7/27/2020 19:59 | 7/28/2020 05:08 | 9.16 | 0.89 | 9.72 | 0.89 |
| 7/28/2020 19:58 | 7/29/2020 05:09 | 9.19 | 2.43 | 26.48 | 2.43 |
| 7/29/2020 19:56 | 7/30/2020 05:10 | 9.23 | 1.72 | 18.61 | 1.72 |
| 7/30/2020 19:55 | 7/31/2020 05:12 | 9.28 | 1.17 | 12.57 | 1.17 |
| 7/31/2020 19:54 | 8/1/2020 05:13 | 9.32 | 6.12 | 65.63 | 2.56 |
| 8/1/2020 19:52 | 8/2/2020 05:14 | 9.36 | 1.67 | 17.86 | 1.67 |

**Adjustments, Filters, and Corrective Action Taken the Week of July 26-August 2,
2020**

During the past week, Crowned Ridge worked to implemented a filter designed to keep the ADLS from turning on the warning lights due to the detection of a tractor. This filter was made operational on August 3, 2020, and should minimize the times and duration that warning lights are activated for reasons other than weather and when an aircraft is in the area.

Crowned Ridge continues to view the project site as good site for ADLS, with the understanding that the use of warning lights cannot be eliminated completely as the radars are properly triggered by aircraft in the area, and weather to increase the visibility of the wind turbines.

Sincerely,

August 4, 2020

/s/ Miles Schumacher

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