

**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 August 2-9, 2020 and explains adjustments and filters applied in the past week.

**TABLE 1 FOR WEEK OF August 2-9, 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 |
|----------------|----------------|-------------------|------------------------------|----------------------------|--|
| 8/2/2020 19:51 | 8/3/2020 05:15 | 9.4               | 2.01                         | 21.42                      | 2.01   |
| 8/3/2020 19:50 | 8/4/2020 05:16 | 9.45              | 0.4                          | 4.18                       | 0.4  |
| 8/4/2020 19:49 | 8/5/2020 05:18 | 9.48              | 0.19                         | 1.97                       | 0.19   |
| 8/5/2020 19:47 | 8/6/2020 05:19 | 9.53              | 0.19                         | 1.96                       | 0.19   |
| 8/6/2020 19:46 | 8/7/2020 05:20 | 9.57              | 1.91                         | 19.99                      | 0.38   |
| 8/7/2020 19:44 | 8/8/2020 05:21 | 9.61              | 0.82                         | 8.53                       | 0.82   |
| 8/8/2020 19:43 | 8/9/2020 05:22 | 9.66              | 4.87                         | 50.42                      | 0.75   |

**Adjustments, Filters, and Corrective Action Taken the Week of August 2-9, 2020**

During the past week, Crowned Ridge implemented a filter in an effort to keep short tracks often associated with farming activity (tractors) from activating the warning lights. As the report shows, the filter has improved the overall performance of the ADLS. The percentage of the lights on for the night of August 8-9, 2020 was influenced by weather.

August 11, 2020

Sincerely,

/s/ Miles Schumacher

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