

**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 23-30, 2020 and explains adjustments and filters applied in the past week.

TABLE 1 FOR WEEK OF August 23-30, 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	Hours warning lights were on due to weather in the area
8/23/20 19:19	8/24/20 5:40	10.36	3.45	33.36	0.94	2.52
8/24/20 19:17	8/25/20 5:41	10.41	0.09	0.85	0.09	0
8/25/20 19:15	8/26/20 5:42	10.46	0.62	5.91	0.61	0.01
8/26/20 19:13	8/27/20 5:44	10.51	0.09	0.86	0.09	0
8/27/20 19:11	8/28/20 5:45	10.56	6.5	61.55	0.77	5.71
8/28/20 19:10	8/29/20 5:46	10.6	1.03	9.76	1.03	0
8/29/20 19:08	8/30/20 5:47	10.65	0.2	1.89	0.2	0

Adjustments, Filters, and Corrective Action Taken the Week of August 23-30, 2020

At this time, while monitoring of the ADLS' performance will be on-going and adjustments made, as needed, Crowned Ridge has taken all reasonable steps to mitigate false positive activation of the ADLS without comprising the safety imperative of the ADLS to activate the warning lights when an aircraft enters the three-dimensional area around the wind turbines. Given that all reasonable steps have been completed, this is the last weekly report. Although this is the last weekly report, Crown Ridge commits to keep Commission Staff informed of any substantive issues with the ADLS, and make informational filings, as warranted, with the Commission.

Sincerely,

September 1, 2020

/s/ Miles Schumacher

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