

**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 June 14-21, 2020 and explains adjustments and filters applied in the past week.

TABLE 1 FOR WEEK OF JUNE 14, 2020 TO JUNE 21, 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
6/14/2020 20:15	6/15/2020 04:39	8.4	2.01	23.97	0.94
6/15/2020 20:16	6/16/2020 04:39	8.39	1.62	19.28	1.58
6/16/2020 20:16	6/17/2020 04:40	8.39	1.09	13.05	1.09
6/17/2020 20:16	6/18/2020 04:39	8.38	6.98	83.29	1.29
6/18/2020 20:17	6/19/2020 04:39	8.38	1.59	19.01	1.57
6/19/2020 20:17	6/20/2020 04:40	8.38	1.86	22.15	1.86
6/20/2020 20:17	6/21/2020 04:40	8.38	1.63	19.45	1.05

Adjustments, Filters, and Corrective Action Taken the Week of June 14-21, 2020

Crowned Ridge applied the following adjustments and filters during the week of June 14-21, 2020: Several roads were added to in an effort to filter out where construction is occurring near Crowned Ridge Wind II. Additionally, a more aggressive track filter was applied to only activate the lights for targets that have more than four radar detections.

Sincerely,

June 23, 2020

/s/ Miles Schumacher

Miles Schumacher
Lynn, Jackson, Shultz & Lebrun, P.C.
110 N. Minnesota Ave., Suite 400
Sioux Falls, SD 57104

Brian J. Murphy
Managing Attorney
NextEra Energy Resources, LLC
700 Universe Boulevard
Juno Beach, Florida 33408
Brian.J.Murphy@nee.com
Office (561) 694-3814
Admitted Pro Hac Vice

Attorneys for Crowned Ridge Wind, LLC