

Power Plant Approval 24699-D02-2019

Appendix 1 to Decision 24699-D01-2019

October 18, 2019

Windrise Wind Energy Inc.
206.4-Megawatt Windrise Wind Power Plant

Proceeding 24699
Application 24699-A002

Windrise Wind Energy Inc. (Windrise), on behalf of its general partner, Windrise Wind L.P., by Application 24699-A002, registered on June 18, 2019, applied to the Alberta Utilities Commission for approval to construct and operate a 206.4-megawatt (MW) wind power plant, designated as the Windrise Wind Power Plant, in the Fort Macleod area.

Pursuant to sections 11 and 19 of the *Hydro and Electric Energy Act*, the Commission approved the application in Decision 24699-D01-2019,¹ and granted an approval to Windrise to construct and operate the power plant, subject to the provisions of the *Hydro and Electric Energy Act* and the *Alberta Utilities Commission Act*, any regulations made under the acts, any orders made under the acts, the Commission rules made pursuant to the *Alberta Utilities Commission Act*, and the following terms and conditions:

1. The power plant shall be located in the following locations:

Section	Township	Range	Meridian
7, 9, 10, 15, 16, 17, 18, 20, 21, 26, 28, 29, 32, 33, 34 and 35	6	26	W4M
12, 13 and 24	6	27	W4M

2. The power plant shall consist of 43 Siemens Gamesa SG 4.5-145 AM+3 (4.8 MW) wind turbines, each rated at 4.8 MW, with a total generating capability of 206.4 MW, and as further described in Application 24699-A002.
3. Each wind turbine supporting structure shall be installed with its centre at the longitude and latitude coordinates specified in the application. If the support structure has to be located more than 50 metres from the specified coordinates, Windrise must apply to the Commission for an amendment to this approval prior to construction.

¹ Decision 24699-D01-2019: Windrise Wind Energy Inc., on behalf of its general partner, Windrise Wind L.P. – Windrise Wind Power Project, Proceeding 24699, Applications 24699-A001 and 24699-A002, October 18, 2019.

4. The power plant shall also consist of a 34.5-kilovolt collector system as described in the application. The collector system is to be used solely for collecting the electric energy generated by each turbine and transmitting that electric energy to the Windrise 1063S Substation.
5. The approval is subject to the following conditions which have been described in the decision:
 - a. The Commission directs Windrise to implement the mitigation and monitoring measures identified in the environmental evaluation report to limit and control the introduction and spread of weeds. The Commission also directs Windrise to implement the identified mitigation to prevent the potential spread of clubroot, including preparation of a clubroot construction mitigation plan in consultation with the local municipal authority and agricultural fieldman. Windrise must confirm to the Commission, in writing, that it has complied with this direction at least 30 days prior to the commencement of construction.
 - b. Windrise shall submit an annual post-construction monitoring survey report to Alberta Environment and Parks (AEP) and the AUC within 13 months of the project becoming operational, and on or before the same date every subsequent year for which AEP requires surveys pursuant to Subsection 3(3) of Rule 033: *Post-approval Monitoring Requirements for Wind and Solar Power Plants*.
 - c. Windrise is directed to conduct a post-construction comprehensive sound level (CSL) survey, including an evaluation of low frequency noise, at receptors R17, R19, R21, R23 and R30. The CSL survey shall be conducted under representative operating conditions and in accordance with Rule 012: *Noise Control*. Windrise shall file all studies and reports relating to the post-construction CSL survey with the Commission within one year of connecting the project to the Alberta Interconnected Electric System.
6. Windrise shall submit a construction progress report to the Commission in writing, once every six months, pursuant to Section 3 of the *Hydro and Electric Energy Regulation*. The first progress report shall be filed with the Commission six months from the date of issuance of this approval.
7. Unless otherwise authorized by the Commission, construction of the power plant shall be completed by June 30, 2021.
8. Windrise shall notify the Commission within 30 days of completing the power plant.
9. Windrise shall obtain Commission approval prior to making any substantive changes to the power plant or substantially varying the design or specifications of the power plant from what was stated in the application or what the Commission has approved.
10. This approval is not transferable unless approved by the Commission.

The Commission may cancel or suspend this approval, in whole or in part, in accordance with Section 41 of the *Hydro and Electric Energy Act*, or may review this approval, in whole or in part upon its own motion, or upon an application by an interested party, in accordance with Section 10 of the *Alberta Utilities Commission Act*.

The Commission may, within 30 days of the date of this approval and without notice, correct typographical, spelling and calculation errors and other similar types of errors and post the corrected approval on its website.

Alberta Utilities Commission

(original signed by)

Joanne Phillips
Commission Member