

## Power Plant Approval 20392-D02-2015

Appendix 1 to Decision 20392-D01-2015	April 30, 2015
1646658 Alberta Ltd. Bull Creek Wind Project Time Extension to Complete Construction	Proceeding 20392 Application 20392-A001

1646658 Alberta Ltd. (BluEarth), pursuant to Approval 3520-D02-2015 (Errata),<sup>1</sup> has approval to alter and operate a 29.2-megawatt (MW) power plant designated as the Bull Creek Wind Project plant, in the Provost, Alberta area. The completion date for the alteration to the power plant was stipulated to be on or before December 31, 2015.

BluEarth, by Application 20392-A001, registered on April 29, 2015, applied to the Alberta Utilities Commission for a time extension in order to complete the construction of the power plant.

The Commission, pursuant to sections 11 and 19 of the *Hydro and Electric Energy Act*, approved the application in Decision 20392-D01-2015,<sup>2</sup> and granted to BluEarth an approval to complete the power plant alteration and to operate the power plant, subject to the provisions of *Hydro and Electric Energy Act* and the *Alberta Utilities Commission Act*, any regulations made under the acts, any orders 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 within Township 41, Range 1, sections 2, 4, 5, 9, 11 and 12, west of the Fourth Meridian, as further described in the Application 1610995.
2. The power plant shall consist of 17 General Electric model 1.7-103 Low Noise Trailing Edge, 1.7-MW wind turbines with a total generating capability of 29.2-MW.
3. The power plant also consists of a 24.94-kilovolt collector system consisting primarily of underground power lines with some overhead sections as described, and at the locations indicated in Application 1610995. The collector system is to be used solely for the collecting of electric energy generated at each turbine and transmitting that energy to the distribution facility owner's distribution network. Bull Creek 280S substation is no longer required.
4. BluEarth shall submit a progress report to the Commission in writing, once every three months, on construction progress pursuant to Section 3 of the *Hydro and Electric Energy*

<sup>1</sup> Approval 3520-D02-2015 (Errata), Proceeding 3520, Application 1610995, April 29, 2015.

<sup>2</sup> Decision 20392-D01-2015: 1646658 Alberta Ltd. – Bull Creek Wind Project Time Extension to Complete Construction, Proceeding 20392, Application 20392-A001, April 30, 2015.

*Regulation.* The first progress report shall be filed with the Commission three months from the date of issuance of this approval.

5. Unless otherwise authorized by the Commission, construction of the power plant shall be completed by December 31, 2016.
6. BluEarth shall notify the Commission within 30 days of completing the construction of the power plant.
7. BluEarth shall:
  - a) Conduct baseline (pre-construction or post-construction with no turbines operating) and post-construction comprehensive noise studies, including an evaluation of low frequency noise, at receptors R086, R141 and the receptor located in NW 31-40-1-W4M under representative conditions, in accordance with Rule 012: *Noise Control*.
  - b) File all studies and reports relating to the pre-construction and post-construction noise surveys with the Commission within one year of connecting the power plant to the Alberta Interconnected Electric System.
8. BluEarth must perform a detailed electrical study and corrosion analysis and implement measures to prevent external pipeline corrosion prior to the project's completion. BluEarth shall advise the Commission when this condition has been satisfied.
9. BluEarth shall finalize its emergency preparedness and response plan and make copies available to members of the Killarney Lake Group prior to the project's operation. BluEarth shall advise the Commission when this condition has been satisfied.
10. If the project encroaches upon newly identified wetlands, BluEarth must re-site the offending project component(s) or receive Alberta Environment and Sustainable Resource Development's (ESRD) approval to site the project within the wetland setback.
11. BluEarth shall continue with pre-construction bat monitoring; submit the results of its pre-construction bat monitoring data to ESRD prior to operation of the project; and comply with all directions received from ESRD, including any recommended or required mitigation measures to protect bats. BluEarth shall advise the Commission when this condition has been satisfied.
12. BluEarth shall conduct a post-construction monitoring program for birds and bats in consultation with ESRD. BluEarth shall advise the Commission when this condition has been satisfied.
13. BluEarth shall develop and implement an environmental protection plan in consultation with ESRD. BluEarth shall advise the Commission when this condition has been satisfied.
14. BluEarth shall, at all times during the construction and operation of the project, maintain insurance coverage that is sufficient to protect against any reasonably foreseeable liabilities. BluEarth shall advise the Commission when this condition has been satisfied.

15. BluEarth shall comply with applicable reclamation standards current at the time of decommissioning, or if there are no legislative requirements in place, submit a reclamation plan to the Commission for approval.
16. BluEarth shall obtain Commission approval prior to making any material changes to the power plant or substantially varying the design and/or specifications of the power plant from what was stated in Application 1610995 or what the Commission has approved.
17. This approval is not transferable unless approved by the Commission

Approval 3520-D02-2015 (Errata) is rescinded.

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*.

**Alberta Utilities Commission**

*(original signed by)*

Henry van Egteren  
Commission Member