

## Power Plant Approval 26213-D02-2021

Appendix 1 to Decision 26213-D01-2021	February 17, 2021
Elemental Energy Renewables Inc. 15-Megawatt Chappice Lake Solar Project	Proceeding 26213 Application 26213-A001

Elemental Energy Renewables Inc., pursuant to Approval 25451-D02-2020,<sup>1</sup> has approval to construct and operate a solar power plant designated as the Chappice Lake Solar Power Plant, in the Bowmanton area.

Elemental Energy, by Application 26213-A001 registered on December 22, 2020, applied to the Alberta Utilities Commission for approval to add a 3.6-megawatt/10-megawatt hour vanadium flow battery to the power plant.

The Commission, pursuant to sections 11 and 19 of the *Hydro and Electric Energy Act*, approved the application in Decision 26213-D01-2021,<sup>2</sup> and granted an approval to Elemental Energy 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 northeast quarter of Section 35, Township 14, Range 4, west of the Fourth Meridian.
2. The power plant shall consist of solar photovoltaic panels mounted on single-axis trackers, and DC-connected 3.6 megawatt/10-megawatt-hour vanadium flow battery with a total generating capability of 15 megawatts, and as further described in the application.
3. The approval is subject to the following conditions which have been described in the decision:
  - a. Elemental Energy Renewables Inc. 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*.

<sup>1</sup> Power Plant Approval 25451-D02-2020, Proceeding 25451, Application 25451-A001, September 8, 2020.

<sup>2</sup> Decision 26213-D01-2021: Elemental Energy Renewables Inc. – Chappice Lake Solar Project Alteration, Proceeding 26213, Application 26213-A001, February 17, 2021.

- b. Elemental Energy Renewables Inc. shall use a standard anti-reflective coating for the project's solar panels.
  - c. Elemental Energy Renewables Inc. shall file a report detailing any complaints or concerns it receives or is made aware of regarding solar glare from the project during its first year of operation, as well as Elemental Energy Renewables Inc.'s response to the complaint. Elemental Energy Renewables Inc. shall file this report no later than 13 months after the project becomes operational.
4. Unless otherwise authorized by the Commission, construction of the power plant shall be completed by December 1, 2022.
  5. Elemental Energy Renewables Inc. shall notify the Commission within 30 days of completing the power plant.
  6. Elemental Energy Renewables Inc. 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 the application or from what the Commission has approved.
  7. This approval is not transferable unless approved by the Commission.

Approval 25451-D02-2020 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*.

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)*

Carolyn Dahl Rees  
Chair