

Power Plant Approval 29846-D02-2025

Appendix 1 to Decision 29846-D01-2025	March 28, 2025
Pathfinder Energy Ltd. Rocky 5 Bitcoin Mining Power Plant Time Extension	Proceeding 29846 Application 29846-A001

Pathfinder Energy Ltd., pursuant to Approval 28859-D03-2024,¹ has approval to construct and operate a 60-megawatt (MW) natural gas-fired power plant, designated as the Rocky 5 Bitcoin Mining Power Plant, located near Rocky Mountain House. The construction completion date was stipulated to be on or before January 31, 2025.

Pathfinder, by Application 29846-A001, registered on February 20, 2025, applied to the Alberta Utilities Commission for approval to extend the completion date of the power plant to March 31, 2026.

The Commission, pursuant to sections 11 and 19 of the *Hydro and Electric Energy Act*, approved the application in Decision 29846-D01-2025,² and granted to Pathfinder an approval to construct and 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 in the northeast and southeast quarters of Section 28, Township 42, Range 8, west of the Fifth Meridian.
2. The power plant shall consist of fifty 1.2-MW Waukesha 7044 GSI generators for a total generating capability of 60 MW, as further described in Application 27673-A001 and Application 28099-A001.
3. The approval is subject to the following conditions, as described in Decision 28099-D01-2023³ and Decision 29846-D01-2025:
 - a. Pathfinder shall implement the mitigation measures as recommended in the noise impact assessment for the Rocky 5 Bitcoin Mining Power Plant in Proceeding 28099 and the mitigation measures as recommended in the updated noise impact assessment dated September 30, 2024, in Proceeding 28342, or alternative mitigation measures that meet or

¹ Power Plant Approval 28859-D03-2024, Proceeding 28859, Application 28859-A001, March 15, 2024.

² Decision 29846-D01-2025: Pathfinder Energy Ltd. – Rocky 5 Bitcoin Mining Power Plant Time Extension, Proceeding 29846, Application 29846-A001, March 28, 2025.

³ Decision 28099-D01-2023: Pathfinder Energy Ltd. – Rocky 5 Bitcoin Mining Power Plant, Proceeding 28099, Application 28099-A001, April 5, 2023.

exceed the acoustic specification described in the noise impact assessments, to ensure the Rocky 5 Bitcoin Mining Power Plant complies with Rule 012: *Noise Control*. Pathfinder shall submit a report confirming the implementation of the mitigation measures within 30 days after the construction completion date.

- b. Pathfinder shall conduct a post-construction comprehensive sound level survey, including an evaluation of low frequency noise at Residence 1 and Residence 2. The post-construction comprehensive sound level survey must be conducted under representative conditions and in accordance with Rule 012: *Noise Control*. Within one year after the Rocky 5 Bitcoin Mining Power Plant commences operations, Pathfinder shall file a report with the Commission presenting measurements and summarizing results of the post-construction comprehensive sound level survey.
 - c. Before the start of the remaining construction of the power plant, Pathfinder will update the stakeholders who were contacted as part of the participant involvement program for the project regarding the revised project schedule. It will file a summary of any concerns raised by directly and adversely affected persons and how the concerns were dealt with or will be dealt with.
4. Unless otherwise authorized by the Commission, construction of the power plant shall be completed by March 31, 2027.
 5. Pathfinder shall notify the Commission within 30 days of completing the power plant.
 6. Pathfinder 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.
 7. This approval is not transferable unless approved by the Commission.

Approval 28859-D03-2024 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, no later than 60 days from 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)

Matthew Oliver, CD
Commission Member