AUC
Alberta Utilities Commission

May 29, 2026 **Decision 30750-D01-2026**

Mars Energy Resources
1020, 407 Second Street S.W.
Calgary, Alta. T2P 2Y3

Attention: Daniel Hu
CEO

2783294 Alberta Ltd.
Vale Power Plant
Proceeding 30750
Application 30750-A001

9.798-megawatt thermal power plant

1. 2783294 Alberta Ltd., a wholly owned subsidiary of Mars Energy Resources, by Application 30750-A001, registered on April 13, 2026, applied to the Alberta Utilities Commission to construct and operate a 9.798-megawatt (MW) thermal power plant located near the hamlet of Schuler.

2. The power plant would consist of one 998-kilowatt gas generator and four 2.2-MW generators with a total generating capability of 9.798 MW. It would be sited on the existing Canlin Energy Corporation gas compressor site with cryptocurrency mining units and within the existing fenceline. 2783294 Alberta Ltd. stated that the power plant would not be connected to the Alberta Interconnected Electric System.

3. 2783294 Alberta Ltd. indicated that the project would be constructed in two phases, beginning with the construction of phase one in June 2026, the construction of phase two in November 2026, and completing construction by December 31, 2026.

4. 2783294 Alberta Ltd. retained RWDI to conduct a noise impact assessment (NIA) for the project in accordance with Rule 012: *Noise Control.* 2783294 Alberta Ltd. submitted an NIA summary letter for the project which indicated that no residences were identified within 1.5 kilometres from the power plant boundary, and therefore, three hypothetical noise receptors along the 1.5-kilometre boundary of the power plant were modelled and assessed for cumulative noise impacts from the existing Canlin Energy Corporation gas compressor site and the proposed project.

5. The most impacted hypothetical receptor, BR_01, had predicted nighttime and daytime cumulative sound levels of 40 A-weighted decibels (dBA) and 45.9 dBA, respectively. The NIA summary letter concluded that the project would comply with Rule 012 with mitigation.

6. Given that the project requires additional mitigation to ensure compliance and 2783294 Alberta Ltd. committed to implementing the noise mitigation measures recommended in the NIA, the Commission imposes the following condition:

a. Before the second phase of the project commences operations, 2783294 Alberta Ltd. shall implement the noise mitigation measures identified in the noise impact assessment, or alternative measures that provide equal or greater acoustic performance, to ensure the power plant complies with Rule 012: *Noise Control*. On or before the date that the second phase of the project commences operations, 2783294 Alberta Ltd. must file a letter with the Commission detailing the mitigation measures it has implemented.

7. Overall, the Commission finds that the NIA summary letter meets the requirements of Rule 012 and accepts the conclusion in the NIA summary letter that the project will be compliant with Rule 012 with mitigation. The Commission notes that the predicted cumulative sound level at the most affected hypothetical receptor is equal to the nighttime permissible sound level (i.e., compliance margin is predicted to be zero at this receptor). However, given there are no residences near the proposed project and 2783294 Alberta Ltd. committed to implementing the recommended noise mitigation measures, the Commission will not require 2783294 Alberta Ltd. to conduct a post-construction comprehensive sound level survey to verify compliance at this time.

8. If 2783294 Alberta Ltd. receives a noise complaint from a nearby resident after the facility is in operation, the Commission expects 2783294 Alberta Ltd. to make every reasonable attempt to resolve the complaint in a timely manner. If 2783294 Alberta Ltd. is unable to resolve the complaint, Section 5 of Rule 012 sets out the process for residents near the facility to file a complaint directly with the Commission. The Commission will investigate any noise complaints that may arise once the project commences operations and, in response to a complaint, may order a comprehensive sound level survey to verify project compliance and evaluate noise impacts.

9. RWDI was retained to complete an air quality assessment and the excerpt from the assessment indicated that emissions from the proposed project and existing sources comply with all applicable *Alberta Ambient Air Quality Objectives* for nitrogen dioxide (NO_2), carbon monoxide (CO) and fine particulate matter ($PM_{2.5}$).

10. Montrose Environmental Solutions Canada completed a desktop review for the project and concluded that the project is not anticipated to result in significant adverse residual environmental effects during construction, operation, decommissioning or reclamation. 2783294 Alberta Ltd. committed to completing field surveys for sharp-tailed grouse, snakes, amphibians and burrowing owl and submitted that all applicable setbacks will be adhered to.

11. 2783294 Alberta Ltd. has provided information respecting the nature, extent, land affected, land ownership and the timing of the proposed power plant. 2783294 Alberta Ltd. confirmed that it will fulfil the requirements of all other agencies with jurisdiction over the project including municipalities and that the power plant will meet the *Alberta Ambient Air Quality Objectives* and will comply with Rule 012. The project is located entirely within an existing area of industrial disturbance which reduces new environmental impacts.

12. Based upon the information provided, 2783294 Alberta Ltd. has demonstrated that the proposal is of a minor nature, meets the requirements of Rule 007: *Facility Applications* and Rule 012, no other person is directly and adversely affected by the proposal, and no adverse environmental impact will be caused by the proposed project.

13. The Commission approves the application. Approval 30750-D02-2026 is attached.

14. The Commission's approval of the application is solely for the electrical components that comprise the power plant's equipment. The Commission has no approval authority over the cryptocurrency mining operations.

15. The Commission may, no later than 60 days from the date of this decision and without notice, correct typographical, spelling and calculation errors and other similar types of errors and post the corrected decision on its website.

Alberta Utilities Commission

Rita Chan
Director – Power Plants, Facilities Division
On behalf of the Alberta Utilities Commission

Attachment