

Substation Permit and Licence 29843-D03-2025

Appendix 2 to Decision 29843-D01-2025	March 12, 2025
BitDeer Energy Inc. Gemini 1008S Substation Permit and Licence Transfer	Proceeding 29843 Application 29843-A002

Kiwetinohk Energy Corp., pursuant to Permit and Licence 29785-D03-2025,¹ has approval to construct and operate a substation designated as Gemini 1008S Substation, in the Fox Creek area.

BitDeer Energy Inc., by Application 29843-A002, registered on February 19, 2025, applied to the Alberta Utilities Commission to transfer the substation permit and licence from Kiwetinohk to BitDeer, effective February 19, 2025.

The Commission, pursuant to sections 14, 15 and 19 of the *Hydro and Electric Energy Act*, approved the application in Decision 29843-D01-2025² and granted to BitDeer a permit to construct and a licence to operate the substation, 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 substation shall be wholly located in the southwest quarter of Section 21, Township 62, Range 19, west of the Fifth Meridian, as further described in Application 27293-A002.
2. Specifications of the substation shall include the following:
 - (a) two 13.8/138-kilovolt (kV), 45/67-megavolt ampere (MVA) transformers
 - (b) three 138-kV circuit breakers
 - (c) it shall be enclosed within a secure fence and include other substation equipment as described in Application 27293-A002
3. BitDeer shall file with the Commission within 30 days of completing the substation, the energization certificate for the substation issued by the Alberta Electric System Operator or by BitDeer to confirm that the substation has been completed and is being operated in accordance with the provisions of this permit and licence.
4. Unless otherwise authorized by the Commission, construction of the substation shall be completed by September 30, 2027.

¹ Substation Permit and Licence 29785-D03-2025, Proceeding 29785, Application 29785-A002, February 6, 2025.

² Decision 29843-D01-2025: BitDeer Energy Inc. – Opal Power Plant Project Approval Transfer, Proceeding 29843, Applications 29843-A001 and 29843-A002, March 12, 2025.

Permit and Licence 29785-D03-2025 is rescinded.

The Commission may cancel or suspend this permit and licence, in whole or in part, in accordance with Section 41 of the *Hydro and Electric Energy Act* or may review this permit and licence, 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 permit and licence and without notice, correct typographical, spelling and calculation errors and other similar types of errors and post the corrected permit and licence on its website.

Alberta Utilities Commission

(original signed by)

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