

Needs Identification Document

Approval 29993-D01-2025

Alberta Electric System Operator Kaybob South 3 Cogeneration Project Connection	May 1, 2025 Proceeding 29993 Application 29993-A001
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The Alberta Electric System Operator (AESO), by Application 29993-A001, registered on April 25, 2025, applied to the Alberta Utilities Commission for approval of a needs identification document to connect the Kaybob South 3 Cogeneration Project to the Alberta Interconnected Electric System in the Fox Creek area.

The AESO has provided information respecting the need, nature, extent and timing of the transmission development, in accordance with the requirements of Section 11(3) of the *Transmission Regulation*. The AESO has indicated that it does not anticipate the transmission development will result in significant environmental effects and that it is not aware of any unresolved objections to the need for the development. Based upon the information provided, the Commission is satisfied that the development is needed and will not result in any significant adverse impacts to the Alberta Interconnected Electric System. The Commission finds that the AESO's assessment of the need is correct and that the development is in the public interest.

The Commission, pursuant to Section 34 of the *Electric Utilities Act*, approves the needs identification document and grants the AESO this approval subject to the provisions of the *Electric Utilities Act* and the *Alberta Utilities Commission Act*, any regulations made under the acts, any orders made under the acts, and the Commission rules made pursuant to the *Alberta Utilities Commission Act*.

The project shall consist of the following system developments:

- (a) The construction of one 138-kilovolt (kV) circuit, approximately 0.6 kilometres in length, to connect the Kaybob South 3 Cogeneration Project to the existing Transmission Line 864L between the Benbow 397S Substation and Transmission Line 864AL, using a T-tap configuration.
- (b) The modification, alteration, addition or removal of equipment, including switchgear, and any operational, protection, control and telecommunication devices required to undertake the work as planned and ensure proper integration with the transmission system.

The Commission 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)

Trevor Richards
Director – Electric Transmission, Facilities Division
On behalf of the Alberta Utilities Commission