



June 10, 2026

To Whom It May Concern,

**Re: Subject: Alberta–British Columbia Intertie Restoration Project (AIR Project) Overview**

The Alberta Electric System Operator (AESO) is writing to provide you with the enclosed overview of the AIR Project.

If there are any occupants or residents living on or using the subject lands who should also receive notification regarding this project, please notify AiM Land Services at your earliest convenience so that appropriate project notifications can be issued in accordance with Alberta Utilities Commission's Rule 007: Facility Applications requirements. Please forward the occupant/resident name and contact information to **[AESO\\_Notifications@aimland.ca](mailto:AESO_Notifications@aimland.ca)**.

Should you have questions related to this project, please contact **1-888-866-2959** or email **[stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)**.

Sincerely,

*Ata Rehman*

Ata Rehman

Director, Grid Planning & Operations Engineering



# The transmission system in your area needs improvement



**THE ALBERTA-BRITISH COLUMBIA (AB-BC) INTERTIE RESTORATION (AIR) PROJECT IS NEEDED TO INCREASE THE AMOUNT OF ELECTRICITY THAT CAN BE IMPORTED INTO ALBERTA FROM BRITISH COLUMBIA.**

## WHAT IS BEING PROPOSED?

The AB-BC intertie is a critical piece of electricity infrastructure that enables the transfer of electricity between Alberta and British Columbia. The intertie is comprised of the existing 500 kV transmission line and can currently import up to 800 megawatts (MW) from British Columbia.

The AIR Project aims to increase the intertie's import transfer capability from 800 MW to approximately 950 MW, consistent with provincial policy direction and legislative requirements. In particular, the Government of Alberta has directed the AESO to advance this project, and Alberta's *Transmission Regulation* requires the restoration of interties to, or near, their original path ratings where feasible.

## IMPROVING CAPACITY

To achieve an increase in the usable import capacity, the AIR Project will include targeted upgrades to existing electricity infrastructure. The AESO's preferred technical solution includes:

- Adding series compensation on 1201L
  - Adding a substation with a series capacitor, located approximately halfway between the Bennett 520S and Cranbrook substations and near the existing 1201L
  - Connecting the new substation to the existing 500 kV transmission line 1201L
- Increasing the thermal rating of 1201L
- Replacing the 500/240 kV transformer at the Bennett 520S substation with a higher capacity transformer

Together, these upgrades would increase the intertie's import capability from about 800 MW to approximately 950 MW.

## Who is the AESO?

The Alberta Electric System Operator (AESO) plans and operates Alberta's electric transmission system. We study the transmission system to determine what future upgrades and expansions will be needed to continue to serve the province's growing power demands, and enable access to generators and other qualified customers.

The AESO is regulated by, and must apply to, the Alberta Utilities Commission (AUC) for approval of our Needs Identification Document (NID) Applications, in which we must demonstrate the need for expansion or enhancement of the transmission system, and propose a transmission solution to meet that need.

