



June 22, 2026

To Whom It May Concern,

Re: Subject: Lethbridge Transmission Development Overview

The Alberta Electric System Operator (AESO) is writing to provide you with the enclosed overview of the Lethbridge Transmission Development.

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**.

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

Sincerely,

Ata Rehman

Ata Rehman

Director, Grid Planning & Operations Engineering



The transmission system in your area needs improvement



TRANSMISSION SYSTEM REINFORCEMENT IS NEEDED IN THE LETHBRIDGE AREA TO RELIABLY SERVE THE LOCAL DEMAND FOR ELECTRICITY

WHAT IS BEING PROPOSED?

The existing 138 kilovolt (kV) transmission system serving the Lethbridge area is critical for carrying electricity into the region, supporting local electricity demand. As the Lethbridge area grows and the demand for electricity rises, the existing transmission system needs some upgrades in order to continue reliably serving the city and surrounding region.

During periods of high local electricity demand, the existing 138 kV transmission line 207L may become overloaded.

The Lethbridge Transmission Development includes upgrades of existing transmission infrastructure to address and improve the reliability of electricity services in the Lethbridge area.

IMPROVING RELIABILITY

The AESO's preferred solution includes:

- Upgrading the 138 kV 207L transmission line by replacing the existing conductors with higher capacity 138 kV conductors.
- Adding or modifying associated equipment as required for the above transmission developments.

What is a Conductor?

Conductors are metal wires that carry electric current at high voltages. Conductors are strung overhead, high above the ground, between metal structures or wooden poles.

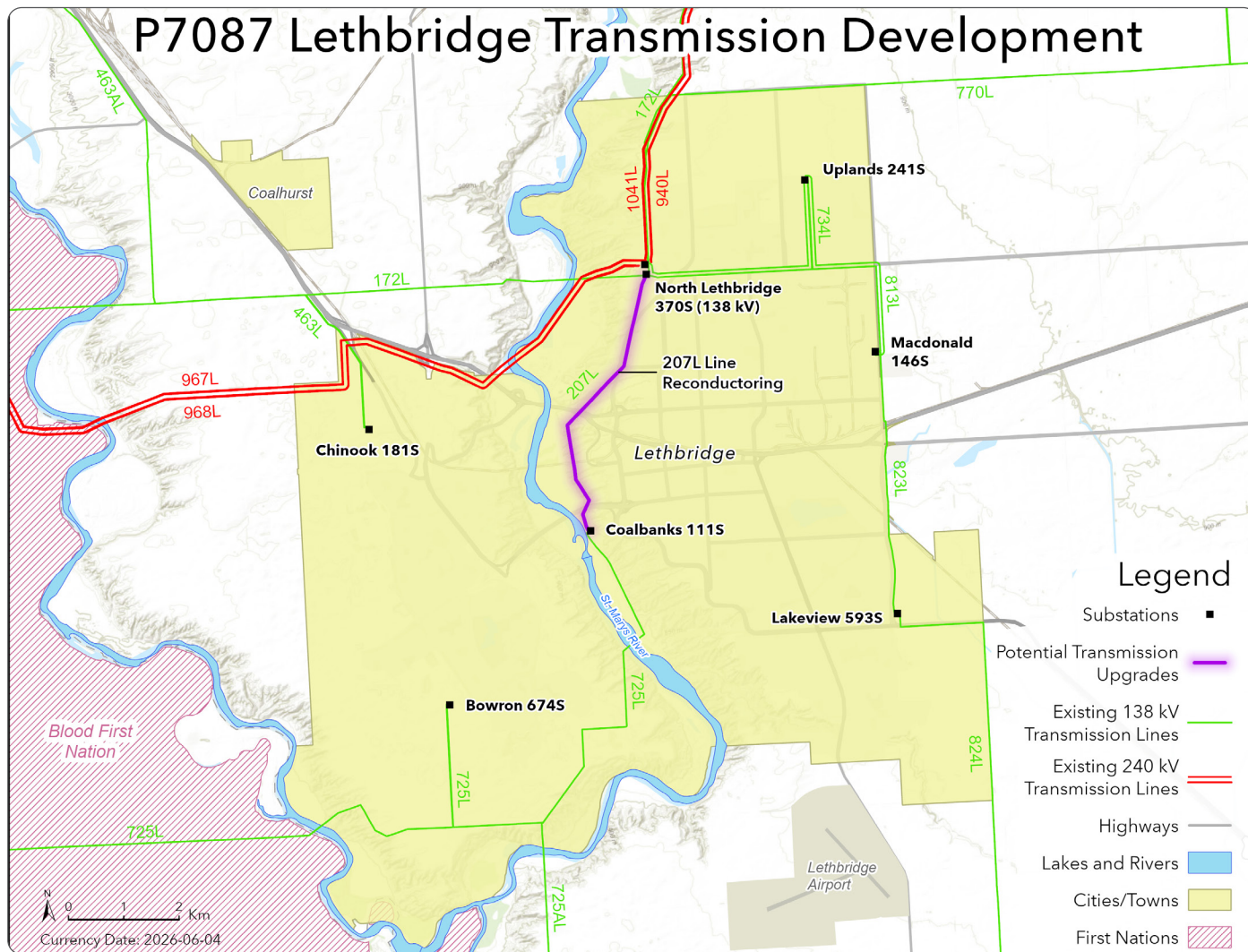
What is a Substation?

Substations contain high-voltage electrical equipment and are used to connect multiple circuits (transmission or distribution lines). Substations include transformers that change electrical voltage and circuit breakers that operate to disconnect or to change the electric connection between circuits.

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 the Alberta Utilities Commission (AUC) and must obtain AUC approval of its determination of need for a proposed transmission project, except where the project qualifies for approval under section 501.3 of the ISO Rules (the Abbreviated Needs Approval Process, or ANAP).



TFO ROLES

Transmission facility owners (TFOs) are companies that build, operate and maintain the transmission system in our province. While the AESO is responsible for identifying the need for transmission development and proposed transmission development to meet that need, TFOs are responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities within their service territories.

Within the project area, AltaLink owns and operates the transmission infrastructure and will be responsible for applying to the AUC for approval of the proposed transmission upgrades.

NEXT STEPS

- The AESO intends to consider the need for this project for approval under section 501.3 of the ISO rules, Abbreviated Needs Approval Process (ANAP) in late 2026.
- The AESO will notify stakeholders and post supporting documents on www.aeso.ca/grid/transmission-projects prior to making its ANAP decision.
- If the AESO does not approve the need for this project under ANAP, we may submit a needs identification document (NID) application to the AUC for approval of the need for this project.
- AltaLink will submit an application to the AUC for approval of the proposed transmission upgrades.

Detailed and up to date project information will be shared on the AESO website as it becomes available: www.aeso.ca/P7087

Will you be affected?

If you are receiving this information, you live, own land or operate your business in an area where existing transmission facilities may be upgraded.



HAVE QUESTIONS OR INPUT?

Contact us at stakeholder.relations@aeso.ca or **1-888-866-2959**