

Need for the Heartland Generating Station Interconnection near the City of Fort Saskatchewan



FAST FACT

Alberta's electric transmission system comprises the towers, wires and related equipment that are a part of moving electricity from where it is generated to where it is used.

ATCO Power (ATCO) has requested transmission system access for its proposed Heartland Generating Station Facility (Facility) near the city of Fort Saskatchewan. ATCO's request can be met by the following solution:

> PROPOSED SOLUTION

- One new 240 kV transmission line, approximately 5.5 kilometres long, to connect ATCO's proposed Heartland Generating Station to the transmission system
- Modifications to the existing Josephburg 410S substation

> NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in winter 2016/2017.
- The AESO's needs identification document (NID) application will be available on the AESO's website at www.aeso.ca/grid/projects at the time of its application to the AUC.

The following organizations have key roles and responsibilities in providing access to the transmission system:

> THE AESO:

- Must plan the transmission system and enable access to it for generators and other qualified customers
- Is regulated by the AUC and must apply to the AUC for approval of its NID

> ALTALINK MANAGEMENT LTD:

- Is the transmission facility owner in the Fort Saskatchewan area
- Is responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications

> CONTACT US

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

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> WHO IS THE AESO?

The Alberta Electric System Operator (AESO) is a not-for-profit organization with no financial interest or investment of any kind in the power industry. We plan and operate Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans.

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