

Need for Transmission Enhancements in the MD of Greenview area

ATCO Electric Ltd. (ATCO) has applied to the AESO for transmission system access to serve growing demand for electricity in the MD of Greenview area. ATCO's request can be met by the following solution:

PROPOSED SOLUTION

- Add the proposed Pearson 2089S substation, including one 144/25 kilovolt (kV) transformer and one 144 kV circuit breaker.
- Add one 144 kV circuit to connect the proposed Pearson 2089S substation to the existing 144 kV transmission line 7L40 in a T-tap configuration.
- Modify the existing Simonette 733S substation, including adding one 144 kV capacitor bank and one 144 kV circuit breaker.
- Modify the existing H.R. Milner 740S substation, including adding one 144 kV capacitor bank and one 144 kV circuit breaker.
- Add or modify associated equipment as required for the above transmission developments.

NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-2020.
- The AESO's needs identification document (NID) application will be available on the AESO's website at www.aeso.ca/stakeholder-engagement/transmission-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.

ATCO

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

WHO IS THE AESO?

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

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.

CONTACT US

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