

Need for the Freer 2043S Substation in the Fort McMurray area

ATCO Electric Ltd. (ATCO) has applied to the AESO for transmission system access to serve a new demand for electricity in the Fort McMurray area. ATCO's request can be met by the following solution:

PROPOSED SOLUTION

- Add the Freer 2043S substation, including one 144 kilovolt (kV) circuit breaker and one 144/25 kV transformer.
- Add one 144 kV transmission line to connect the Freer 2043S substation to the existing 144 kV transmission line 7L121 in a T-tap configuration.
- 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 early 2022.
- 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.

ATCO

- Is the transmission facility owner in the Fort McMurray 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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