

Need for the Wheatland Wind Project Connection in the Dorothy area

Wheatland Wind Project Ltd. (Wheatland), has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its approved Wheatland Wind Project (Facility) in the Dorothy area.

Distribution of the original AESO Need Overview began in June 2017 and the AESO filed a needs identification document (NID) application in November 2018. As a result of a revised proposed solution and schedule, the AESO determined that amendment to the filed NID application will be required. The AESO intends to submit the amended NID as described below.

Wheatland's request can be met by the following solution:

REVISED PROPOSED SOLUTION

- Add one 144 kilovolt (kV) transmission line, to connect the Facility to the existing 144 kV transmission line 7L85 in a T-tap configuration. Originally, the Facility was proposed to connect using an in-and-out configuration.
- Add or modify associated equipment as required for the above transmission developments.

REVISED NEXT STEPS

- The AESO has determined that the NID application submitted in November 2018 needs to be amended. The AESO now intends to submit the amended NID application to the Alberta Utilities Commission (AUC) for approval of the need in late 2021.
- 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 Dorothy 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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