

Need for the Grizzly Bear Creek Wind Power Plant Connection in the Vermillion area

Enel Alberta Wind Inc. (Enel), has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its approved Grizzly Bear Creek Wind Power Plant (Facility) in the Vermillion area.

Distribution of the original AESO Need Overview began in December 2015. The AESO filed a Needs Identification Document (NID) application in May 2016 and was approved in October 2016. As a result of a revised proposed solution and schedule, the AESO determined that an amendment to the approved NID application will be required. The AESO intends to submit the amended NID as described below.

Enel'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 7L65 in a T-tap configuration. Originally, the preferred solution included adding the Steele 2016S substation.
- 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) of this amendment 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 Vermillion 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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