

Need for the Winnifred Wind Power Project Connection in the Whitla area

Enerfin Energy Company of Canada Inc. (Enerfin) has applied to the AESO for transmission system access to connect its proposed Winnifred Wind Power Project (Facility) in the Whitla area.

Distribution of the original AESO Need Overview began in October 2019. As a result of a change in the solution and schedule, the AESO determined that a Need Overview Update is required.

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

REVISED PROPOSED SOLUTION

- Add one 138 kilovolt (kV) transmission line to connect the Facility to the existing Bullshead 523S substation in a radial configuration.
- Modify the Bullshead 523S substation, including adding one 138 kV circuit breaker.
- Add or modify associated equipment as required for the above transmission developments.

REVISED NEXT STEPS

- The AESO has revised its schedule. The AESO now intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-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.

ENERFIN

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 138 kV transmission line to connect the Facility to the Bullshead 523S substation.
- Must apply to the AUC for approval of its transmission facilities applications.

ALTALINK

- Is the transmission facility owner in the Whitla area.
- Is responsible for operating and maintaining the new 138 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the Bullshead 523S substation modification.
- 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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