

Need for the Suncor Forty Mile Wind Power Project Whitla Connection in the Maleb area

Forty Mile Granlea Wind GP Inc. (Forty Mile GP), a wholly owned subsidiary of Suncor Energy Inc. has submitted two applications to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Suncor Forty Mile Wind Power Project (Facility) in the Maleb area.

One of these requests can be met by a connection to the existing 240 kV transmission line 964L, as further described in the AESO Need Overview Update (October 2018), "Need for the Suncor Forty Mile Wind Power Project 964L Connection in the Maleb area".

Separately, the AESO described its proposed solution to meet Forty Mile GP's other request in the previous version of this AESO Need Overview Update, originally distributed in August 2017. Since that time, Suncor has withdrawn its request to connect the Suncor Forty Mile Solar Power Project and the date the AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need has changed. The AESO's proposed solution to connect the Facility has not changed.

Forty Mile GP's request can be met by the following solution:

PROPOSED SOLUTION

- Modify the existing Whitla 251S substation, including adding one 240 kilovolt (kV) circuit breaker.
- Add one 240 kV transmission line to connect the Facility to the Whitla 251S 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) for approval of the need in late-2018.
- 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.

ALTALINK

- Is the transmission facility owner in the Maleb 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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