

Need for the Paintearth Wind Project Connection in the Halkirk area

Paintearth Wind Project Ltd (Paintearth), has applied to the AESO for transmission system access to connect its approved Paintearth Wind Project (Facility) in the Halkirk area.

The AESO received a needs identification document (NID) approval for the Paintearth Wind Project Connection in March 2021. As a result of a revised proposed solution and schedule, the AESO determined that the NID approval will need to be amended. The AESO intends to submit an application to amend its NID approval as described below.

Paintearth's request can be met by the following revised solution:

PROPOSED SOLUTION

- Add one 240 kilovolt (kV) transmission line to connect the Facility to the existing 240 kV transmission line 9L93 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) to amend its NID approval in mid-2022.
- The AESO's application to amend its NID approval will be available on the AESO's website at www.aeso.ca/grid/projects at the time of its submission 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 ELECTRIC

- Is the transmission facility owner in the Halkirk 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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