

# Need for the Hand Hills Wind Project Connection in the Delia area

*BluEarth Renewables Hand Hills Wind Limited Partnership, on behalf of its general partner, BER Hand Hills Wind GP Inc. (BER Hand Hills LP) has applied to the AESO for transmission system access to connect its approved Hand Hills Wind Project (Facility) in the Delia area. BER Hand Hills LP's request can be met by the following solution:*

## PROPOSED SOLUTION

- Add one 144 kilovolt (kV) transmission line to connect the Facility to the existing 144 kV transmission line 7L128 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) 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](http://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.

## BER HAND HILLS LP

- Has requested transmission system access to connect the Facility.
- Is responsible for detailed siting and routing, and constructing the new 144 kV transmission line to connect the Facility to the transmission line 7L128.
- Must apply to the AUC for approval of its transmission facilities applications.

## ATCO

- Is the transmission facility owner in the Delia area.
- Is responsible for operating and maintaining the new 144 kV transmission line, and constructing, operating and maintaining the transmission facilities associated with the transmission line 7L128 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

### Alberta Electric System Operator

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