

# Need for the Jenner Wind Energy Connection in the Brooks area



## FAST FACT

**Alberta's electric transmission system** comprises the towers, wires and related equipment that are a part of moving electricity from where it is generated to where it is used.

*Joss Wind Power Inc. (Joss) has applied to the Alberta Electric System Operator (AESO) for transmission system access to connect its proposed Jenner wind generating facility (Facility) in the Brooks area. Joss' request can be met by the following solution:*

### > PROPOSED SOLUTION

- Constructing approximately 14 kilometres of 240 kilovolt (kV) transmission line to connect the Facility to the existing Jenner 275S substation
- Modifying the existing Jenner 275S substation, including adding a 240 kV breaker
- Adding associated equipment as required to facilitate the Facility connection

### > NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in Spring 2016
- The AESO's needs identification document (NID) application will be available on the AESO's website at [www.aeso.ca/nid](http://www.aeso.ca/nid) 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

### > JOSS:

- Has requested transmission system access to connect the Facility
- Is responsible for detailed siting and routing, and constructing the transmission facilities associated with the proposed 240 kV transmission line
- Must apply to the AUC for approval of its transmission facilities application

### > ALTALINK MANAGEMENT LTD.:

- Is the transmission facility owner in the Brooks area
- Is responsible for detailed siting and routing, constructing, operating and maintaining the transmission facilities associated with the Jenner 275S substation modification
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities application

### > CONTACT US

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.

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### > WHO IS THE AESO?

The Alberta Electric System Operator (AESO) is a not-for-profit organization with no financial interest or investment of any kind in the power industry. We plan and operate Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans.