

# Need for the Hornbeck Substation in the Town of Edson 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.

*FortisAlberta Inc. (FortisAlberta) has applied to the Alberta Electric System Operator (AESO) for transmission system access to reliably serve industrial load growth in the Town of Edson area. FortisAlberta's request can be met by the following solution:*

### > PROPOSED SOLUTION

- Build the Hornbeck substation with one 138/4.16 kV transformer, two 138 kV circuit breakers, and associated equipment.
- Build two 138 kV transmission lines to connect the Hornbeck substation to the transmission system.

### > NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in mid-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

### > ALTALINK MANAGEMENT LTD.:

- Is the transmission facility owner in the Town of Edson area
- Is responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications

### > 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.

**Alberta Electric System Operator  
Susan Haider**

*AESO Stakeholder Relations*

[stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)

**1-888-866-2959**

2500, 330-5th Avenue SW

Calgary, AB T2P 0L4

Phone: 403-539-2450

Fax: 403-539-2949

[www.aeso.ca](http://www.aeso.ca)

[www.poweringalberta.ca](http://www.poweringalberta.ca)

[@theaeso](https://twitter.com/theaeso)

### > 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.

*The AESO is committed to protecting your privacy. Your feedback, comments and/or contact information collected by the AESO will be used to respond to your inquiries and/or to provide you with further information about the project. The AESO will not use your personal information for any other purpose and will not disclose your information without consent or a legal obligation. If you choose to communicate by email, please note, email is not a secure form of communication. Security of your communication while in transit cannot be guaranteed.*