

Need for the Anthony Henday Substation in the Sherwood Park 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 Sherwood Park area. FortisAlberta's request can be met by the following solution:

> PROPOSED SOLUTION

- Build the Anthony Henday substation with two 138/25 kV transformers, two 138 kV circuit breakers, and associated equipment.
- Build one 138 kV transmission line to connect the Anthony Henday substation to the transmission system.

> NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in late 2016.
- The AESO's needs identification document (NID) application will be available on the AESO's website at 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 Sherwood Park 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
Jennifer Vollmer**

AESO Stakeholder Relations

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

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.

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