

# Need for upgrades to the Gainford 165S Substation in the Gainford 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.

*Trans Mountain Pipeline L.P. (Trans Mountain) has applied to the Alberta Electric System Operator (AESO) for transmission system access to supply electricity to a proposed industrial load addition in the Gainford area. Trans Mountain's request can be met by the following solution:*

### ➤ PROPOSED SOLUTION

- Replace the existing 138/4.16 kV transformer with one of higher capacity.
- Add associated equipment.

### ➤ 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 Gainford 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.

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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.

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