

# Need for the Clover Bar substation Modification in the City of Edmonton



## 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.

*EPCOR Distribution & Transmission Inc. (EPCOR) has applied to the Alberta Electric System Operator (AESO) for transmission system access to reliably serve growing demand for electricity in the City of Edmonton. EPCOR's request can be met by the following solution:*

### > PROPOSED SOLUTION

- Modify the existing Clover Bar substation, including adding two 25 kilovolt (kV) circuit breakers.
- Add or modify associated equipment as required for the above transmission developments.

### > NEXT STEPS

- In early 2017, the AESO intends to submit a needs identification document (NID) to the Alberta Utilities Commission (AUC) for approval.
- Once submitted, the NID will be posted on the AESO's website at <https://www.aeso.ca/grid/projects/>

*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

### > EPCOR:

- Is the transmission facility owner in the City of Edmonton
- 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**  
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### > 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.

*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.*