

Al Rothbauer 321S Substation in the Medicine Hat area

The City of Medicine Hat (City) currently connects to Alberta's transmission system through the Medicine Hat 41S substation. The City has applied to the Alberta Electric System Operator (AESO) to change its point of interconnection to a new substation it is planning to build north of the Medicine Hat 41S substation. The City's request can be met by the following solution:

> PROPOSED SOLUTION

- Construct a new switching substation, named Al Rothbauer 321S
- Modify local 138 kV transmission lines to connect the City to the transmission system

> NEXT STEPS

- The AESO is processing the City's request, including providing information to landowners, occupants, residents and agencies that may be near the proposed transmission development
- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need for the Al Rothbauer 321S switching substation in late 2015
- 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:

- Plans the transmission system and enables access to it for qualified market participants including electricity generators and industrial customers
- Is regulated by the AUC and must apply to the AUC for approval of its NID application

> ALTALINK:

- Is the transmission facility owner in the Medicine Hat 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 application

> 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.



FAST FACT

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

> 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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