

JANUARY 2018 ALBERTA-BRITISH COLUMBIA INTERTIE RESTORATION



# The electricity system in your area needs improvement

At the Alberta Electric System Operator (AESO), we plan Alberta's electric transmission system. We study the transmission system to determine what future upgrades and expansions will be needed to continue to serve the province's growing power demands.

Alberta's interconnection with British Columbia is not currently operating to, or near to, its path rating. To restore the intertie, the AESO has determined additional equipment in close proximity to the existing 500 kV transmission line, called transmission line 1201L, is required, along with clearance mitigation work on specific portions of the existing 1201L line and upgrades to the 500/240 kV transformation capacity at the existing Bennett substation, near Langdon.

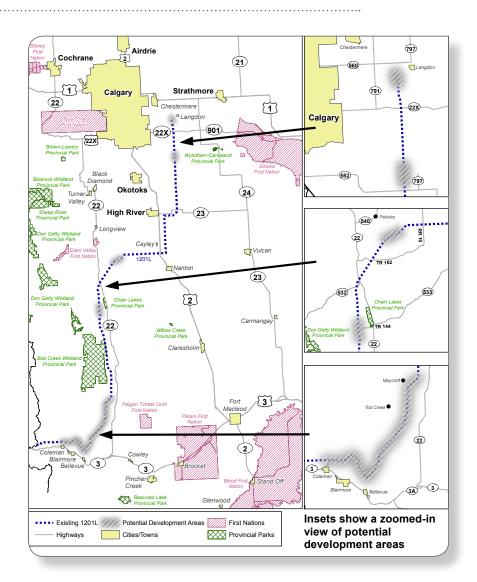
In addition to the above developments, the Chapel Rock-to-Pincher Creek transmission development proposed to connect the Pincher Creek area to the existing transmission line 1201L, will also contribute to the restoration of the Alberta-British Columbia intertie to, or near to, its path rating. Please visit www.aeso.ca/grid/projects/SATR-CRPC for more information on the Chapel Rock-to-Pincher Creek transmission development.

## WHERE WILL NEW TRANSMISSION FACILITIES BE LOCATED? WILL YOU BE AFFECTED?

If you are receiving this information, you live in an area where existing transmission facilities may be modified or new transmission facilities might be located.

New facilities to be constructed are the responsibility of the transmission facility owner, in this case AltaLink Management Ltd.

AltaLink will be consulting with stakeholders in the coming months to develop and determine potential solutions for the required facilities described above.



## Developing transmission in Alberta

Several organizations are involved in ensuring Alberta has a safe, reliable transmission system.

## ALBERTA ELECTRIC SYSTEM OPERATOR (AESO)

The AESO operates the provincial transmission system so that all Albertans can count on safe and reliable electricity to power our homes and businesses each and every day. The AESO also carefully plans upgrades and reinforcements to the system to ensure the transmission system meets the needs of Alberta.

#### ALBERTA UTILITIES COMMISSION (AUC)

The AUC is Alberta's regulator for electric and natural gas utilities. They are responsible for reviewing the need, the preferred option to meet the need, transmission siting and construction, including all associated costs of construction and operation of Alberta's electricity system.

#### TRANSMISSION FACILITY OWNER (TFO-ALTALINK)

A transmission facility owner owns the transmission facilities. They are responsible for detailed siting and routing, constructing, operating and maintaining transmission facilities. There are four major TFOs in Alberta: ATCO Electric Ltd., AltaLink Management Ltd., EPCOR Utilities Inc. (owned by the City of Edmonton), and ENMAX Power Corporation (owned by the City of Calgary).

## **AESO** Identify need

- Identify need and preferred technical alternative to meet it
- Share information with stakeholders
- File Needs Identification Document (NID) application

### **AUC**Decision required

- Review application
- Opportunities for stakeholder input
- Approve or reject applications

## **TFO**Identify location

- Identify potential routes and sites for required transmission facilities, if required
- Consult with stakeholders
- File facilities application

#### **AUC** Decision required

- Review application
- Opportunities for stakeholder input
- Approve or reject application

#### TFO Build

- Construct
- Operate

Under certain circumstances specific to each project, the AESO and TFO may choose to develop their applications in tandem. In these cases, notification and consultation will be combined and the AUC approval process may be combined as well.

#### **QUESTIONS?**

At the AESO, we operate on behalf of you and all Albertans. We value the opportunity to listen to your comments and answer your questions about this proposal prior to the AESO submitting its application with the AUC for review and approval.

Please contact AESO Stakeholder Relations at stakeholder.relations@aeso.ca or 1-888-866-2959

If you have any questions about the routing or siting of potential transmission facilities, please contact AltaLink

at stakeholderrelations@altalink.ca or 1-877-269-5903

#### **NEXT STEPS**

The AESO plans to file a separate application with the AUC, in conjunction with AltaLink's facilities application for this project, by mid-2019. Once filed, the NID and related documents will be shared on our website at www.aeso.ca/grid/projects/

Intertie-Restoration

#### The AESO is committed to protecting your privacy.

The feedback, comments and contact information you choose to submit is being collected by the AESO to respond to your inquiries and/or to provide you with further information. This information is collected in accordance with Section 33(c) of the Freedom of Information and Protection of Privacy Act. If you have any questions about the collection or use of this information, please contact the Manager, FOIP and Records Management, 2500, 330 – 5th Ave. SW, Calgary, Alberta, T2P 0L4 or by telephone at 403-539-2528. If you choose to communicate by email, please note that email is not a secure form of communication. Security of your communication while in transit cannot be guaranteed.