Moving forward with transmission development in your area

With the evolving electricity landscape, the Alberta Electric System Operator (AESO) has worked diligently to ensure the previously approved transmission development in southwest Alberta continues to be the right plan for the transmission system for all Albertans.

After extensive review, the AESO has determined transmission development in the Pincher Creek area continues to be required to efficiently integrate renewable generation onto Alberta's grid.

TRANSMISSION FACILITIES MOVING FORWARD

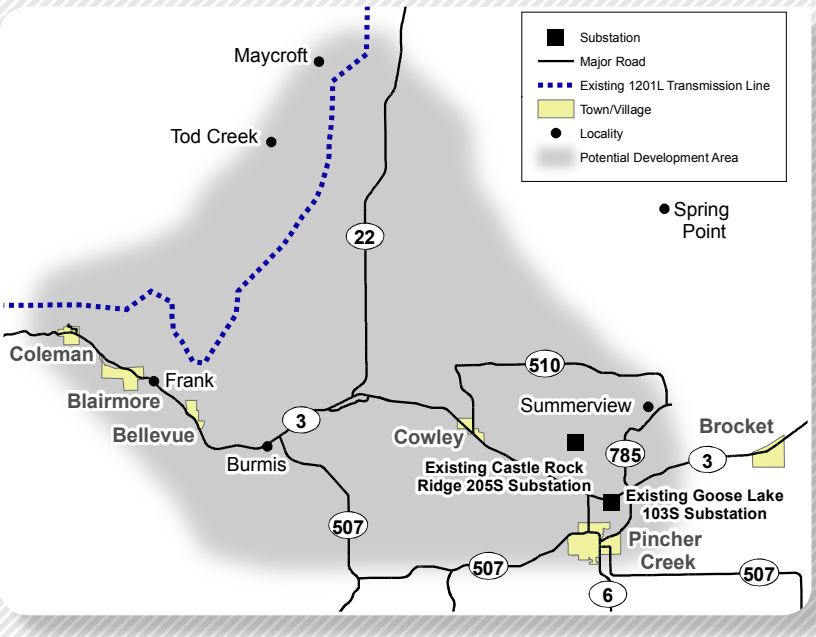
The need for two 240 kV transmission circuits in the Pincher Creek area remains; and studies show there are two equally viable technical solutions for where the transmission lines could end. This includes two 240 kV transmission circuits from the planned Chapel Rock substation connecting directly to the existing 500 kV intertie between Alberta and B.C., to either the existing Castle Rock Ridge substation or the existing Goose Lake substation.

For the AESO to determine the technical solution with the least impact on all Albertans, further detailed routing and siting information is essential to make an informed decision. Therefore, the AESO has directed the transmission facility owner in the area, AltaLink Management Ltd., to consider potential routing and siting options for both of the existing Castle Rock Ridge substation and existing Goose Lake substation termination points.

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

If you are receiving this information, you live in an area where new transmission facilities could potentially be located, or have previously received information about this project from the AESO.

AltaLink Management Ltd., the transmission facility owner in the area, will be consulting with stakeholders in the coming months to develop and determine potential solutions, routes and sites for the required facilities described above.



Timing of construction of transmission facilities

The AESO also intends to adjust the approved milestones for this planned development and make them closely tied to the construction of generation facilities. This will better align actual construction of the transmission facilities with the construction of generation facilities.

NEXT STEPS

Following completion of AltaLink's evaluation and consultation with stakeholders, the AESO intends to file an application with the Alberta Utilities Commission (AUC) regarding the ongoing need for transmission development in mid-2019. This application will be filed in conjunction with AltaLink's facilities application for approval of the locations of the transmission facilities.

Once filed, the AESO's application and related documents will be shared on our website at **www.aeso.ca/grid/projects/SATR-CRPC**

QUESTIONS?

The AESO will join AltaLink at their public events, such as open houses, to be available to discuss the need for transmission development in southwest Alberta. We are also available to discuss these plans with you directly.

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

Restoring Alberta's Interconnection with British Columbia

The Chapel Rock–to–Pincher Creek transmission development also contributes to the restoration of the Alberta-British Columbia intertie to its full path rating. In addition to the planned 240 kV transmission line, 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.

Restoring the intertie in conjunction with the Chapel Rock–to–Pincher Creek transmission project will minimize costs and disruptions to landowners.

The AESO plans to file a separate application with the Alberta Utilities Commission, in conjunction with AltaLink's facilities application for this project, by mid-2019. Once filed, the Needs Identification Document (NID) and related documents will be shared on our website at **www.aeso.ca/grid/projects/Intertie-Restoration**

BACKGROUND

In 2009, the Alberta Utilities Commission (AUC) approved the need to reinforce the transmission system in southwest Alberta to integrate renewable generation, called the Southern Alberta Transmission Reinforcement (SATR). In 2012, the AUC approved an amendment to SATR, which led to the Castle Rock Ridge–to–Chapel Rock Transmission Project. Today, with the exploration of other termination points and enhancements to the staging approach, the development in the Pincher Creek area originally part of SATR, is now called the Chapel Rock–to–Pincher Creek transmission development.