

January 25, 2019

Elk River 445S Transformer Replacement Project

Project Information

You are receiving this project letter because you are near the Elk River 445S Transformer Replacement project and we want your input.

The proposed project is part of our routine maintenance schedule and will replace the existing transformer at the Elk River 445S Substation. Upgrades to the Elk River 445S Substation are required to maintain the safety and reliability of the electric system in your area.

We are providing you with:

- project details
- a map of the proposed project site
- information about how you can provide your input
- the project schedule

Project details

The proposed project includes upgrading equipment in the Elk River 445S Substation, located at NW-1-46-14-W5 in the Brazeau Lakes area in Yellowhead County. The substation upgrade includes:

- removing an existing 138/4.16-kilovolt (kV) transformer
- installing one new 138/4.16-kV transformer
- adding or modifying associated substation equipment

All work will take place on AltaLink-leased land and no fence expansion will be required for this project. However, some temporary workspace will be required outside the substation fence line. For a detailed overview, please refer to the detailed photo map (DP1) included in this package.

There will be no load increase or changes to the transmission lines at the Elk Creek 445S Substation. A mobile substation may be required during construction to maintain electrical service in the area.

This project is part of our routine maintenance schedule. When equipment is damaged or reaches the end of its life, we replace it with new equipment to ensure the safety and reliability of Alberta's electric system.

Transformers decrease the voltage in a substation so power can be distributed safely to your community through distribution lines. Transformers also increase the voltage so power can be transmitted through transmission lines.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people may have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns seriously. Everyone in our society is exposed to EMF from many sources, including:

- power lines and other electrical facilities
- electrical appliances in your home
- building wiring

National and international organizations such as Health Canada and the World Health Organization (WHO) have been conducting and reviewing research about EMF for more than 40 years. Based on this research, these organizations have not recommended the general public take steps to limit their everyday exposure to EMF from high voltage transmission lines. If you have any questions about EMF, please contact us.

Website: www.altalink.ca/emf

Email: emfdialogue@altalink.ca

Toll-free phone number: 1 -866-451-7817

Next steps

We anticipate filing a Letter of Enquiry with the Alberta Utilities Commission (AUC) for the project in April 2019. The AUC ensures the fair and responsible delivery of Alberta's utility services. The AUC will review the application and can approve, approve with conditions or deny the project.

AltaLink will inform all stakeholders once the application has been filed. To learn more about the AUC process and how you can become involved, please visit www.auc.ab.ca. If the project is approved by the AUC, construction would begin in spring 2019. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Public involvement in a proposed utilities development*.

Anticipated project schedule

Notify and consult with stakeholders	February 2019
File application with Alberta Utilities Commission (AUC)	Spring 2019
Start construction if project is approved	Spring 2019
Construction completed	Summer 2019

Although we attempt to follow the anticipated project schedule, it is subject to change. We will continue to provide you with updated schedule information if required as the project progresses.

Contact us

AltaLink is available to gather any further input you have or address any questions or concerns. Please contact us at stakeholderrelations@altalink.ca or 1-877-267-1453. More information about this project is available at www.altalink.ca/projects.

Sincerely,



Dave Lee
Manager, Consultation