ALTALINK
A BERKSHIRE HATHAWAY ENERGY COMPANY

November 2023

Electric system improvements near you

185L and 412L Transmission Lines Rebuild

Staying safe in high-risk fire areas

Wildfires are increasing in frequency and severity. AltaLink is working with Alberta Wildfire to accelerate and enhance our wildfire mitigation plan to proactively upgrade AltaLink assets. While there is no immediate risk to public safety, we are taking precautions, increasing inspections, and addressing potential issues earlier to ensure the safe and reliable supply of power in this area for years to come.

You are receiving this newsletter because you are near the 185L and 412L Transmission Lines Rebuild and we want your input.

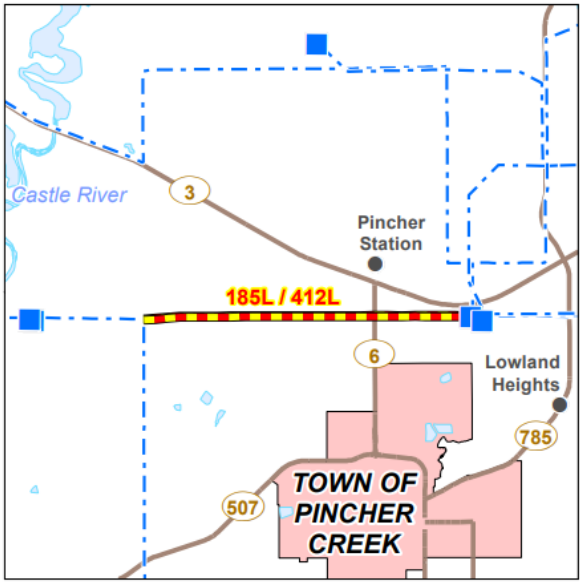
AltaLink's existing 185L and 412L **transmission** lines were constructed more than 60 years ago and portions of both lines are in a **high-risk fire area.**

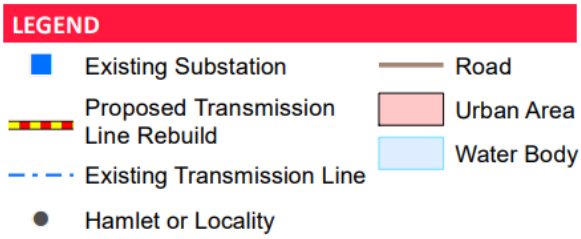
Part of our wildfire mitigation plan includes strengthening our system and making proactive safety improvements so that it is less likely to contribute to igniting wildfires. We've identified theses lines as a high priority and are proposing to rebuild portions of the lines to raise the safety and design performance to current standards.

You may have received information about another project in the area called the 164L and 616L Transmission Lines Rebuild. That is a separate project. If you have any questions about that project, please contact us.

We are providing you with:

- project details
- maps of the proposed project
- information about how you can provide your input
- the project schedule





Project details

The proposed project is located approximately one kilometre north of the Town of Pincher Creek. It involves rebuilding approximately 5.5 kilometres of:

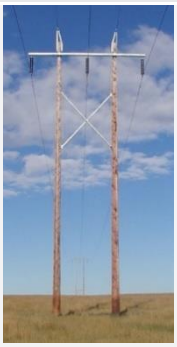
- the existing 69 kilovolt (kV) single **circuit** transmission line (called 185L)
- the existing 138 kV single circuit transmission line (called 412L)

AltaLink is considering two possible options to rebuild these transmission lines. We are completing additional engineering and would like your feedback on both options to determine the final solution.

- Option 1: Rebuild them as two separate, single circuit lines along their existing alignments
- Option 2: Consolidate both single circuit lines into one new double circuit transmission line

Proposed transmission structures and right-of-way

The structures on the existing lines are wood H-frame structures that are approximately 15-20 metres (m) tall. We are proposing two different structure types based on the two different options that we are considering to rebuild the lines.

	Single circuit H-Frames	**Double circuit monopoles**
	 	
Option	Rebuilding the lines as two separate lines (similar structures to the existing lines)	Consolidating the two lines into one line
Type	Wood	Steel
Height	15 to 25 m	20 to 30 m
Right-of-way	Approximately 10 additional metres will be required on both the north and south sides of the existing rights-of-way	No additional right-of-way is needed

Both options will require optical ground wire (OPGW) on the entire length of the new transmission line. This equipment provides lightning protection and is part of a telecommunication network that allows AltaLink to monitor, control, protect, and restore the electric system.

Some access trails and construction workspace may be required to assist with safe work practices and to minimize disturbance during the rebuild. Please see the access trails and construction workspace on the maps in this package for more details.

AltaLink offers fair market value for the land at the time of acquisition and will discuss options individually with landowners.

DEFINITIONS:

Transmission

Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

High-risk fire area

An area where the consequences of a wildfire will have a higher impact on the community as identified by third-party experts. These impacts may be influenced by location, conditions, and/or access to water and firefighting services. Wildfires can start with a single spark from a variety of sources, including weather conditions, third-party contacts, or equipment failure.

Circuit

A circuit is a group of wires that electricity flows through. The wires are strung along power line structures. Transmission line structures can be described as single or double circuit. In a single circuit transmission line, three single or bundled wires are strung along the transmission structures. A double circuit transmission line has six single or bundled wires strung along the structures.

Right-of-way

The right-of-way is a strip of land required for the construction and safe operation of a transmission line. A right-of-way refers to the physical space a transmission line encompasses including areas on either side of the line. The majority of the right-of-way can still be used by the landowner. Buildings cannot be placed on the right-of-way, but can be built up to the edge of the right-of-way.

Electric and Magnetic Fields (EMF)

AltaLink recognizes that people may have concerns about exposure to EMF and we take those concerns seriously.

Everyone in our society is exposed to power frequency 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 on exposure to EMF for more than 40 years. Based on this research, these agencies have not recommended that the general public needs to take steps to limit their everyday exposure to EMF from high voltage transmission lines, including individuals that are located on the edge of a power line right-of-way.

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

Providing your input

We will contact landowners, residents and occupants near the proposed project to gather input and address questions or concerns.

After our consultation and notification process is complete, we will file an application with the Alberta Utilities Commission (AUC). The AUC ensures the fair and responsible delivery of Alberta's utility services and will review the application through a process in which stakeholders can participate.

We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Participating in the AUC's independent review process to consider facility applications.*

Anticipated project schedule

Notify and consult with stakeholders	Fall/Winter 2023
File application with Alberta Utilities Commission (AUC)	February – March 2024
Start construction if project is approved	November 2024
Construction completed	March 2025

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

To learn more about the proposed project please contact:

ALTALINK
1-877-267-1453 (toll free)
E-mail: stakeholderrelations@altalink.ca
Website: www.altalink.ca/projects

To learn more about the application and review process, please contact:

ALBERTA UTILITIES COMMISSION (AUC)
780-427-4903 (toll-free by dialing 310-0000 before the number.)
E-mail: consumer-relations@auc.ab.ca

INCLUDED IN THIS INFORMATION PACKAGE:

- Project maps
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*

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1) Visit: altalink.ca/projects
2) Search for the project title
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PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the Personal Information Protection Act. As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at www.altalink.ca/privacy or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.