

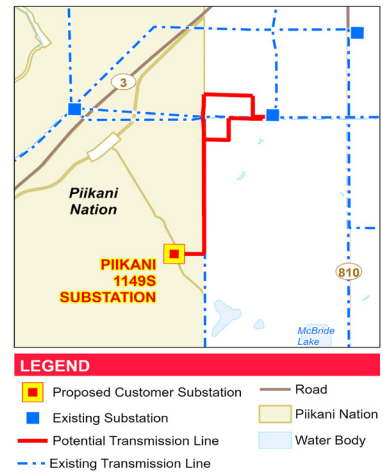
APRIL 2026

# Piikani Wind Farm Connection

You are receiving this newsletter because you are near the Piikani Wind Farm Connection Project, and we want your input.

To accommodate Piikani Resource Development Ltd.'s (PRDL) Piikani Wind Project, AltaLink is proposing changes to its transmission system. The project is located approximately 12 kilometres (km) southwest of the Town of Fort MacLeod, with a portion of the project located on Piikani Reserve No. 147.

AltaLink's connection and PRDL's project are separate. For more information about the PRDL project, see their contact information included in this newsletter.



## ANTICIPATED PROJECT SCHEDULE

<p><b>APRIL - OCTOBER 2026</b> Notify and consult with stakeholders</p>	<p><b>NOVEMBER 2026</b> File application with Alberta Utilities Commission (AUC)</p>	<p><b>AUGUST 2027</b> Start construction if project is approved</p>	<p><b>FEBRUARY 2028</b> Construction completed</p>
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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.



Above: Wood H-frame structures will look similar to the one shown in the photo



Above: Steel monopole structures will look similar to the one shown in the photo

## Project details

To connect their proposed wind project to the grid, PRDL plans to construct a new substation, named Piikani 1149S **Substation**.

To accommodate the project, AltaLink is proposing to:

- construct approximately 10 km of new 138 **kilovolt (kV)** transmission line along one of two potential routes from PRDL's proposed Piikani 1149S Substation to AltaLink's existing Windy Flats 138S Substation
- install two new 138 kV circuit breakers and associated equipment at the Windy Flats 138S Substation
- install **optical grounding wire (OPGW)** between PRDL's proposed Piikani 1149S Substation and AltaLink's existing Windy Flats 138S Substation

## Proposed transmission line routes

AltaLink has identified two potential route options for the proposed transmission line. The potential routes for the transmission line are shown on the maps included in this package.

AltaLink takes several factors into consideration in an effort to find routes with low overall environmental, social and economic effects. In addition to stakeholder input, we also consider other impacts, including residential, agricultural, environmental, visual and cost.

The input we receive from stakeholders and rights-holders will be used to help us determine the final routes we include in the application we file with the Alberta Utilities Commission (AUC). The AUC will review the application and can approve, approve with conditions, or deny the project. If the project is approved by the AUC, only one of the routes will be built.

## Construction workspace

To facilitate construction, access trails and temporary workspace may be required. Construction workspace is required for the safe construction of the transmission line. AltaLink will consult with affected stakeholders and rights-holders regarding potential construction workspace and access trails.

## Proposed structures

The proposed structures on the transmission line will be:

- primarily monopole structures and H-frame structures
- made of wood or steel
- between 14 and 30 metres (m) tall

Structures may be located on reserve, within road allowance, on private property, or a combination of both. A **right-of-way** of up to 35 m will be required where the route is proposed on private land or on reserve land. A right-of-way of approximately 10 m on private land will be required where the route is proposed in road allowance. Please see the included maps for details.

## 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](http://www.altalink.ca/emf)

Email: [emfdialogue@altalink.ca](mailto:emfdialogue@altalink.ca)

Toll-free phone number: 1-877-267-1453



### DEFINITIONS:

**Substation** | Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power. Substations include transformers that step down and step up the voltage so power can be transmitted through transmission lines or distributed to your community through distribution lines.

**Kilovolt (kV)** | A kilovolt is equal to one thousand volts and is commonly used when describing transmission and distribution lines. AltaLink's transmission lines range from 69 kV (69,000 volts) to 500 kV (500,000 volts). Light bulbs typically range from 120 to 300 volts.

**Optical Ground Wire (OPGW)** | Optical ground wire (OPGW) provides lightning protection for a transmission line and is part of the telecommunication network that allows AltaLink to monitor, control, protect and restore the electric system.

**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.

## INCLUDED IN THIS INFORMATION PACKAGE:

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

## 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 AUC.

We will notify stakeholders and rights-holders 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*.

### 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](http://www.altalink.ca/privacy) or contact us directly via e-mail [privacy@altalink.ca](mailto:privacy@altalink.ca) or phone at 1-877-267-6760.

## Contact us

To learn more about the proposed project, please contact:

### ALTALINK

1-877-267-1453 (toll free)

E-mail: [stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)

To subscribe to this project:

visit [www.altalink.ca/projects](http://www.altalink.ca/projects), search for the project title, and click 'subscribe to updates'.

To learn more about the Piikani Resource Development Ltd. project, please contact:

### PIIKANI RESOURCE DEVELOPMENT LTD.

Doane Crow Shoe

Email: [doane.crow.shoe@live.ca](mailto:doane.crow.shoe@live.ca)

Phone: 403-632-8262

To learn more about Alberta's electric system and the need for the project, please contact:

### ALBERTA ELECTRIC SYSTEM OPERATOR

1-888-866-2959 (toll-free)

Email: [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)

Website: [www.aeso.ca](http://www.aeso.ca)

The AESO is an independent, not-for-profit organization responsible for the safe, reliable, and economic planning and operation of the provincial transmission grid. For more information about why this project is needed, please refer to the AESO's Need Overview included with this package or visit [www.aeso.ca](http://www.aeso.ca). If you have any questions or concerns about the need for this project or the proposed transmission development to meet the need you may contact the AESO directly. You can make your questions or concerns known to a transmission facility owner representative who will collect your personal information for the purpose of addressing your questions and/or concerns to the AESO. This process may include disclosure of your personal information to the AESO.

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)

Email: [consumer-relations@auc.ab.ca](mailto:consumer-relations@auc.ab.ca)

