

Electric system improvements near you

TransAlta Riplinger Wind Project Connection

AltaLink's transmission system efficiently delivers electricity to 85 per cent of Albertans. Dedicated to meeting the growing need for electricity, AltaLink connects Albertans to renewable, reliable and low-cost power. With a commitment to community and environment, AltaLink is ensuring the transmission system will support Albertans' quality of life for years to come. Learn more at www.altalink.ca.

You are receiving this newsletter because you are near the TransAlta Riplinger Wind Project Connection and we want your input.

To connect the TransAlta Riplinger Wind Project to the grid, AltaLink is proposing changes to its **transmission** system in the area.

Although AltaLink's project is required to connect TransAlta's project, it is a separate project. TransAlta will consult separately on their proposed wind project. For more information about TransAlta, see their contact information on the back of this newsletter.

We are providing you with:

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

DEFINITION:

Transmission

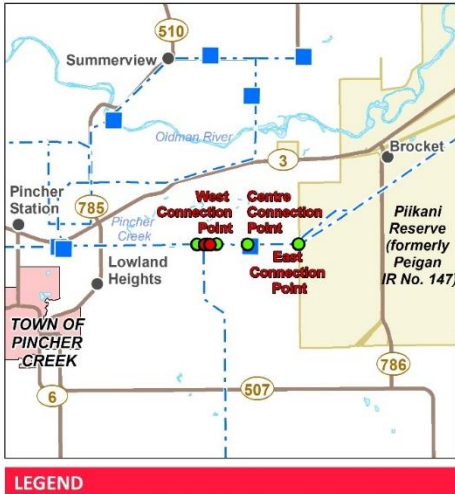
Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind,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

CONTACT US

1-877-267-1453

stakeholderrelations@altalink.ca

www.altalink.ca/projects



Project details

To connect its Riplinger Wind Project to the grid, TransAlta is constructing a new 240 kilovolt (kV) transmission line, located approximately eight kilometres east of the Town of Pincher Creek.

TransAlta is considering three connection points along AltaLink's existing 955/956L transmission line. To accommodate this connection, AltaLink is proposing the following modifications to its transmission line at each of the three potential connection points. If approved, only one of these modifications will be constructed, based on the final connection point determined by TransAlta.

Potential connection points

Location	Work required if selected
West connection point (NE-33-6-29-W4)	<ul style="list-style-type: none"> Building two new single pole structures that are approximately 38-43 metres tall Modifying existing structures
Centre connection point (NE-34-6-29-W4)	<ul style="list-style-type: none"> Modifying existing structures
East connection point (NE-35-6-29-W4)	<ul style="list-style-type: none"> Modifying existing structures



West connection point: The proposed new structures will look similar to the photos above.



The underground conduit box will look similar to the image on the right.

Centre and east connection points: The structures being potentially modified are shown on the left.

Fibre optic cable

AltaLink is also proposing to install new underground fibre optic telecommunications cable. The fibre optic cable will allow us to communicate more effectively by providing our control centre with valuable data that will be used to maintain the reliability of Alberta's electric system.

The length of the cable will be determined after the final connection point is selected. The proposed **right-of-way** required for the cable would be six metres when located on private property.

In certain locations along the proposed fibre optic cable, a small underground conduit box may be required to facilitate construction and maintenance of the cable. These locations will be determined following detailed engineering and discussions with landowners.

The locations of the proposed connection point options are shown on the Detail Photo Map (DP1) included in this package.

DEFINITION:

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. Our priority is maintaining the health and safety of our employees, contractors, and the general public, while ensuring that we are able to continue to operate our system and keep the lights on for Albertans. We will follow any requested COVID-19 safety protocols for in-person meetings and accommodate your preferred meeting options, including over the phone, virtual or in-person. You can also provide input through our online feedback portal, found here: www.altalink.ca/projectfeedback.

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	June to July 2023
File application with Alberta Utilities Commission (AUC)	Fall 2023
Start construction if project is approved	October 2024
Construction completed	Q3 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 TransAlta project, please contact:

TRANSALTA

Dmitriy Teterkin, Project Manager – Transmission

Email: Dmitriy_Teterkin@transalta.com

Phone: 1-587-763-5011

Cell: 1-587-830-2179

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

Website: 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. 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.)

E-mail: consumer-relations@auc.ab.ca

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.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO Need Overview
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*

SUBSCRIBE TO THIS PROJECT

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- 2) Search for the project title
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