

AUGUST 2024



Pteragen Peace Butte Wind Facility Connection

You are receiving this newsletter because you are near the Pteragen Peace Butte Wind Facility Connection, and we want your input.

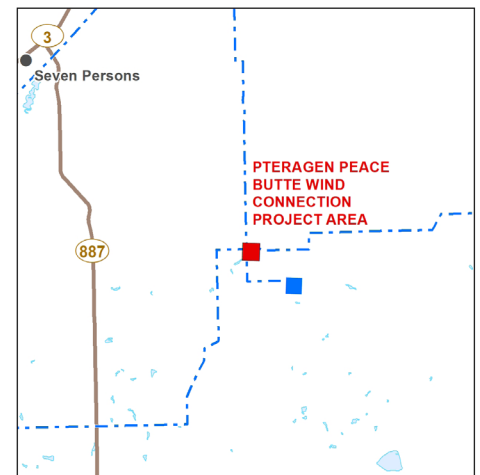
To connect Pteragen Canada Inc.'s (Pteragen's) Pteragen Peace Butte Wind Facility to the grid, AltaLink is proposing changes to its transmission system. The project is located in Cypress County, approximately 22 kilometres south of Medicine Hat.

AltaLink's and Pteragen's projects are separate. Pteragen will consult on their proposed project. For more information about Pteragen's project, see their contact information included in this newsletter.

Project details

To connect their proposed Pteragen Peace Butte Wind Facility to the grid, Pteragen is constructing a new **substation**, called Tothill. AltaLink is proposing three changes to accommodate the connection of Pteragen's project, including:

- constructing approximately 230 metres of new 138 kilovolt (kV) transmission line (to be named 600AL)
- modifying AltaLink's existing 600L transmission line to connect to 600AL
- installing approximately two kilometres of underground **fibre optic cable** between the 964L/983L transmission line and Pteragen's proposed substation



ANTICIPATED PROJECT SCHEDULE

AUGUST TO NOVEMBER 2024
Notify and consult with stakeholders



DECEMBER 2024
File application with Alberta Utilities Commission (AUC)



JUNE 2026
Start construction if project is approved



NOVEMBER 2026
Construction completed

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.

Proposed structures

Two new structures will be installed for the 600AL transmission line. The structures are proposed to include one new monopole structure and one new H-frame structure. These are proposed to be between 15 and 30 metres tall and may be made from wood or steel.

The modifications to the existing 600L transmission line will include the addition of two new monopole structures. These are proposed to be between 15 and 30 metres tall and may be made from wood or steel.

The structures will be located primarily on land owned by Pteragen, with some located one metre within the road allowance. Please see the included map for more details.



The monopole structures will look similar to the photo on the left, and the H-frame structure will look similar to the photo on the right.



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

Fibre optic cable

As part of this project, AltaLink is proposing to install approximately two kilometres of fibre optic cable between the 964L/983L transmission line and Pteragen's proposed Tothill Substation, within an existing transmission line right-of-way.

In certain locations, an underground conduit box may be required to facilitate construction and maintenance of the cable. The conduit boxes are approximately 90 centimetres long by 60 centimetres wide. These locations will be determined following detailed engineering and discussions with landowners.

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*.

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.

Fibre optic cable | This allows us to communicate effectively between a customer connection point or substation and our control centre. It provides valuable data that is used to maintain the reliability of Alberta's electric system.

INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AESO need overview
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*
- Electric and Magnetic Fields Information

Contact us

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll-free)

Email: stakeholderrelations@altalink.ca

To subscribe to this project:

Visit www.altalink.ca/projects, search for the project title, and click 'subscribe to updates'

For more information about how AltaLink protects your personal information:

Visit our website at www.altalink.ca/privacy or contact us directly via email (privacy@altalink.ca) or phone (1-877-267-6760).

To learn more about the Pteragen Peace Butte Wind Facility, please contact:

Arcadis, on behalf of Pteragen Canada Inc.

Dylan Grove

403-888-7129

Email: dylan.grove@arcadis.com

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

Alberta Electric System Operator (AESO)

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

Email: stakeholder.relations@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)

Email: consumer-relations@auc.ab.ca

Let's talk transmission



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