



May 2023

Electric system improvements near you

Pegasus Lake Substation Upgrade

You are receiving this newsletter because you are near the proposed Pegasus Lake Substation Upgrade, and we want your input.

We are proposing to upgrade equipment at the existing Pegasus Lake **Substation** to ensure a reliable supply of electricity is available in the area for years to come.

We are providing you with:

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

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.

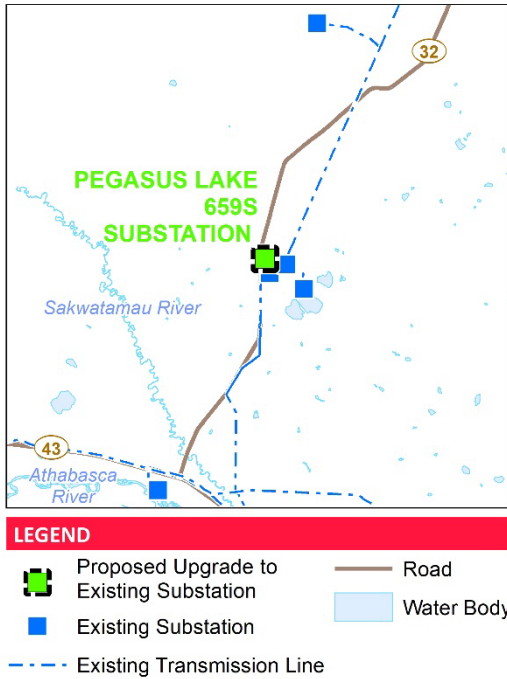
DEFINITIONS:

Substation

Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power.

CONTACT US

1-877-267-1453
stakeholderrelations@altalink.ca
www.altalink.ca/projects



Project details

The proposed project involves equipment upgrades at the existing Pegasus Lake Substation, located in Woodlands County, approximately 18 kilometres north of the City of Whitecourt in NW-35-61-12-W5.

The proposed upgrades include:

- replacing one existing 69/25 kilovolt (kV) **transformer** with one new 72/26.5 transformer and associated equipment
- replacing one existing 69 kV **circuit breaker** and associated equipment
- minor substation equipment upgrades

All work will be completed within the existing substation fence line – no expansion is required. Temporary workspace on Crown land outside of the substation fence may be required.

Please refer to the map included in this package for an overview of the proposed project area.

Mobile substation

To maintain power while completing the upgrades, AltaLink will temporarily install a mobile substation inside the substation fence.



*The new transformer will look similar to the picture on the left.
The new circuit breaker will look similar to the picture on the right.*

The existing Pegasus Lake Substation.

Transformer

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

Circuit Breaker

Circuit breakers are electrical switches inside a substation that protect substation equipment. Circuit breakers help ensure the safety and reliability of the electric system.

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	May to June 2023
File application with Alberta Utilities Commission (AUC)	July 2023
Start construction if project is approved	July 2023
Construction completed	August 2024

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 map
- AUC brochure: *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 or contact us directly via e-mail privacy@altalink.ca or phone at 1-877-267-6760.

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