



September 2022

# Electric system improvements near you

## Sherwood Park Substation Upgrade

You are receiving this newsletter because you are near the proposed Sherwood Park Substation Upgrade and we want your input.

We are proposing to upgrade equipment at the existing Sherwood Park **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 site
- 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](http://www.altalink.ca).

#### DEFINITIONS:

#### **Substation**

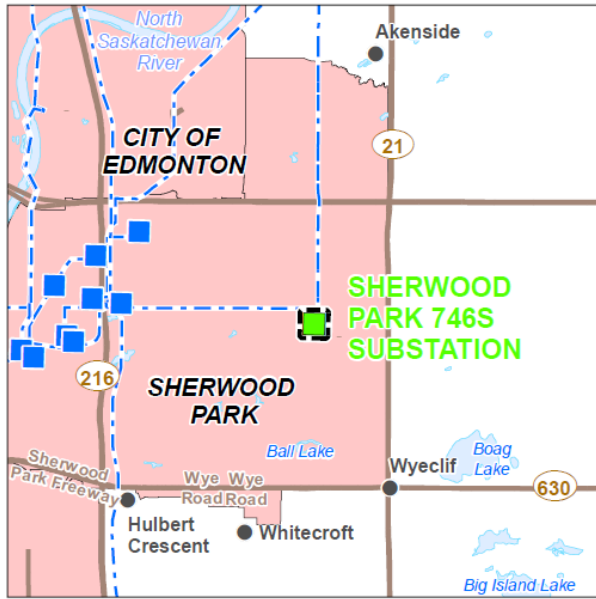
Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power.

#### CONTACT US








1-877-267-1453

[stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)

[www.altalink.ca/projects](http://www.altalink.ca/projects)



**LEGEND**

-  Proposed Upgrade to Existing Substation
-  Existing Substation
-  Existing Transmission Line
-  Hamlet or Locality
-  Road
-  Urban Area
-  Water Body

## Project details

The proposed project involves equipment upgrades at the existing Sherwood Park Substation, located along Carson Drive in the Sherwood Park community of Chelsea Heights, in SE-02-53-23-W4.

The proposed upgrades include:

- expanding a portion of the eastern substation fenceline to construct a new **control building**
- replacing an existing **transformer** with a new 138 kV (kilovolt) transformer and associated equipment
- replacing the existing **circuit breaker** with a new 138 kV circuit breaker and associated equipment
- upgrades to protection and control equipment

### Control building

A new control building is required at the Sherwood Park Substation to accommodate new equipment.

AltaLink is proposing to expand the fenceline on the eastern side of the substation by approximately 20 x 11 metres to accommodate the new control building. The expansion will take place on land owned by AltaLink. No new land or additional workspace is required outside the fenceline.

The existing control building will be removed once all equipment has been removed or replaced.

We do not anticipate any disruption to services during this project. Please refer to the Detail Photo Map (DP1) included in this package for an overview of the project area.



*The Sherwood Park Substation*



*The existing control building*



*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.*

#### DEFINITIONS:

##### **Control building**

Control buildings house electrical equipment such as controls, batteries and meters and ensure electrical equipment is protected.

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

Email: [emfdialogue@altalink.ca](mailto: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](http://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*.

## Anticipated project schedule

Notify and consult with stakeholders	September 2022
File application with Alberta Utilities Commission (AUC)	November 2022
Start construction if project is approved	April 2023
Construction completed	November 2023

*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](mailto:stakeholderrelations@altalink.ca)

Website: [www.altalink.ca/projects](http://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](mailto:consumer-relations@auc.ab.ca)

## INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- AUC brochure: *Participating in the AUC's independent review process*

### **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.

## SUBSCRIBE TO THIS PROJECT

- 1) Visit: [altalink.ca/projects](http://altalink.ca/projects)
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- 3) Click **Subscribe to Updates**

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