

# Electric system improvements near you

## Glenwood Substation Upgrade

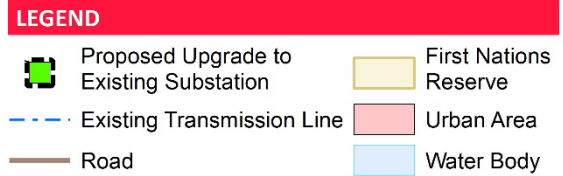
You are receiving this newsletter because you are near the proposed Glenwood Substation Upgrade, and we want your input.

AltaLink is proposing to upgrade equipment at TransAlta’s existing Glenwood **Substation** to ensure a reliable supply of electricity is available in the area for years to come.

### Anticipated project schedule

Notify and consult with stakeholders	March 2024
File application with Alberta Utilities Commission (AUC)	End of March 2024
Start construction if project is approved	May 2024
Construction completed	October 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.*



#### 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 up and step down the voltage so power can be transmitted through transmission lines or distributed to your community through distribution lines.

## Project details

TransAlta's Glenwood Substation is located on the Blood Reserve No. 148 in Cardston County, approximately five kilometres east of the community of Levern.

To replace aging equipment, we are proposing to replace:

- two small **transformers** with one new larger transformer
- switches with one **circuit breaker**

To avoid an electricity outage, we are proposing to use a mobile substation and connect it with a temporary transmission line. The temporary transmission line will be approximately 120 metres long and located on the west side of the substation, primarily on TransAlta's right-of-way. The mobile substation will be located on the east side of the substation on the proposed temporary workspaces and existing TransAlta right-of-way.

Please refer to the map included in this package for an overview of the proposed project area. AltaLink will contact directly impacted landowners to discuss temporary workspace that may be required.



*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 Glenwood Substation.*

## Providing your input

We will contact landowners, residents, and occupants near the proposed project to gather input and address questions or concerns. 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*.

### DEFINITIONS:

#### **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.





## INCLUDED IN THIS INFORMATION PACKAGE:

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

## 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

## 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)

## 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 the 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.