



March 2021

# Electric system improvements near you

## Carseland Substation Transformer Replacement

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).

You are receiving this newsletter because you are near the proposed Carseland Substation Transformer Replacement and we want your input.

We are proposing to upgrade equipment at the existing Carseland 525S **Substation**. Two transformers at the substation have reached the end of their life and need to be replaced.

This upgrade will ensure Albertans have a reliable supply of electricity for years to come.

We are providing you with:

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

DEFINITION:

### **Substation**

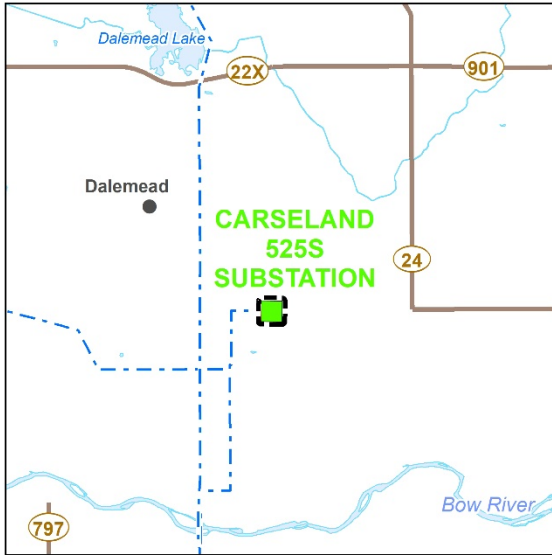
Substations are the connection points between power lines of varying voltages and contain equipment that controls and protects the flow of power.

## 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
-  Road
-  Existing Transmission Line
-  Water Body
-  Hamlet or Locality

## Project details

AltaLink’s proposed project is located approximately 10 kilometres west of the Hamlet of Carseland in Wheatland County.

There are two existing **transformers** at the Carseland Substation that will be replaced:

- One 138/25 kV transformer will be replaced in the summer of 2021
- One 138/13.8 kV transformer will be replaced in the summer of 2022

There will be no load increase or changes to the transmission lines at the Carseland Substation. AltaLink may use a mobile substation during construction and does not anticipate that this work will cause any interruptions to service at this time.

No fence expansion will be required for this project. Construction workspace may be required on private land. AltaLink will be in contact with you if construction workspace is required.

DEFINITION:

**Transformer**

Transformers step up and 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.



*The existing Carseland Substation*



*A 138 kV transformer*



## 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

## Keeping the lights on during COVID-19

AltaLink is closely monitoring the spread of COVID-19. Our priority is maintaining the health and safety of our employees, contractors, and the general public while ensuring that we can continue to operate our system and keep the lights on for Albertans.

## Providing your input

At this time we are limiting in-person meetings and will be conducting the majority of meetings via telephone or electronic methods. If you'd like to provide input, you can also do so through our online feedback portal, found here: [www.altalink.ca/projectfeedback](http://www.altalink.ca/projectfeedback). As the situation regarding COVID-19 changes we will re-assess this approach. We will update you as the situation evolves. Our focus is ensuring the lights stay on, and that you have the electricity you need.

After our 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	Winter 2021
File application with Alberta Utilities Commission (AUC)	Spring 2021
Start construction if project is approved	Transformer 1: Summer 2021 Transformer 2: Spring 2022
Construction completed	Transformer 1: Summer 2021 Transformer 2: Summer 2022

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:*

### **ALATALINK**

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

Email: [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.)

Email: [consumer-relations@auc.ab.ca](mailto:consumer-relations@auc.ab.ca)

Website: [www.auc.ab.ca](http://www.auc.ab.ca)

## INCLUDED IN THIS INFORMATION PACKAGE:

- Project map
- COVID-19 update
- AUC brochure: *Participating in the AUC's independent review process*

### **PRIVACY COMMITMENT**

AltaLink is committed to protecting your privacy. AltaLink will collect, use, and disclose personal information in accordance with AltaLink's Privacy Policy and the *Personal Information Protection Act* (Alberta). 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)
- 2) Search for the project title
- 3) Click **Subscribe to Updates**

## LET'S TALK TRANSMISSION



[www.twitter.com/altalink](http://www.twitter.com/altalink)



[www.facebook.com/altalinktransmission](http://www.facebook.com/altalinktransmission)