

JANUARY 2025



Brazeau Outlet Works Substation Upgrade

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

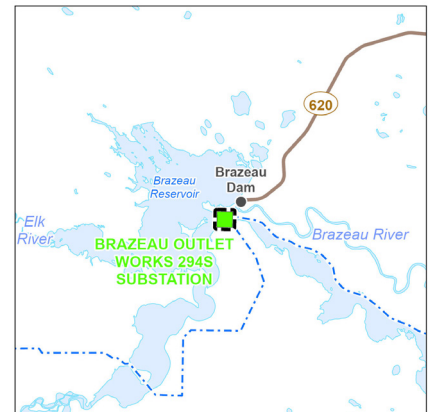
AltaLink is proposing to upgrade equipment at its existing Brazeau Outlet Works 294S Substation to ensure a reliable supply of electricity is available in the area for years to come. The project is located approximately 700 metres from the Brazeau Dam and 24 kilometres northeast of the Hamlet of Lodgepole.

Project details

The proposed project will include:

- replacing two aging **transformers** with two new transformers
- installing new **circuit breakers**
- constructing a temporary bypass transmission line to avoid interruption to service
- replacing select structures on the 801L transmission line
- splitting the 801L transmission line into two portions

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



LEGEND

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

ANTICIPATED PROJECT SCHEDULE

<p>JANUARY - MARCH 2025 Notify and consult with stakeholders</p>	<p>MARCH 2025 File application with Alberta Utilities Commission (AUC)</p>	<p>MAY 2025 Start construction if project is approved</p>	<p>DECEMBER 2026 Construction completed</p>
---	---	--	--

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.

Temporary bypass line

The temporary bypass line will be located within AltaLink's existing **right-of-way** but outside of the substation fence. It will be removed when the new circuit breakers are installed. The structures on the temporary transmission line will be:

- a combination of monopole and H-frame structures
- made of wood
- up to approximately 21 metres tall

801L transmission line upgrades

The 801L transmission line will be split into two portions. The portion that runs east out of the Brazeau Outlet Works 2945 Substation will be renamed to 307L as shown on the map included in this package.

In addition, structures on the 801L transmission line will be replaced.

- Select structures located within the substation fence will be replaced with structures of a similar height and design
- A wood two-pole structure located outside the substation fence will be replaced with a steel monopole structure



The new transformers will look similar to the photos above.



The new circuit breakers will look similar to the photo on the left.

The structures on the temporary transmission line will look similar to the photos in the middle and on the right.

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.

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.

Right-of-way | The right-of-way is a strip of land required for the construction and safe operation of a transmission line. A right-of-way refers to the physical space a transmission line encompasses including areas on either side of the line. The majority of the right-of-way can still be used by the landowner. Buildings cannot be placed on the right-of-way, but can be built up to the edge of the right-of-way.

Temporary workspace

Most of the work will be completed within the existing substation fence line. No expansion will be required. Temporary workspace will be located within AltaLink's right-of-way and on land leased by TransAlta.

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).

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*.



The existing Brazeau Outlet Works 2945 Substation.

INCLUDED IN THIS INFORMATION PACKAGE:

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

Contact us

To learn more about the proposed project please contact:

ALTALINK

1-877-267-1453 (toll free)

E-mail: 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 e-mail privacy@altalink.ca or phone at 1-877-267-6760.

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



www.facebook.com/altalinktransmission



www.x.com/altalink

Sustainable
Electricity
Leader



Chef de file en
matière d'électricité
durable

