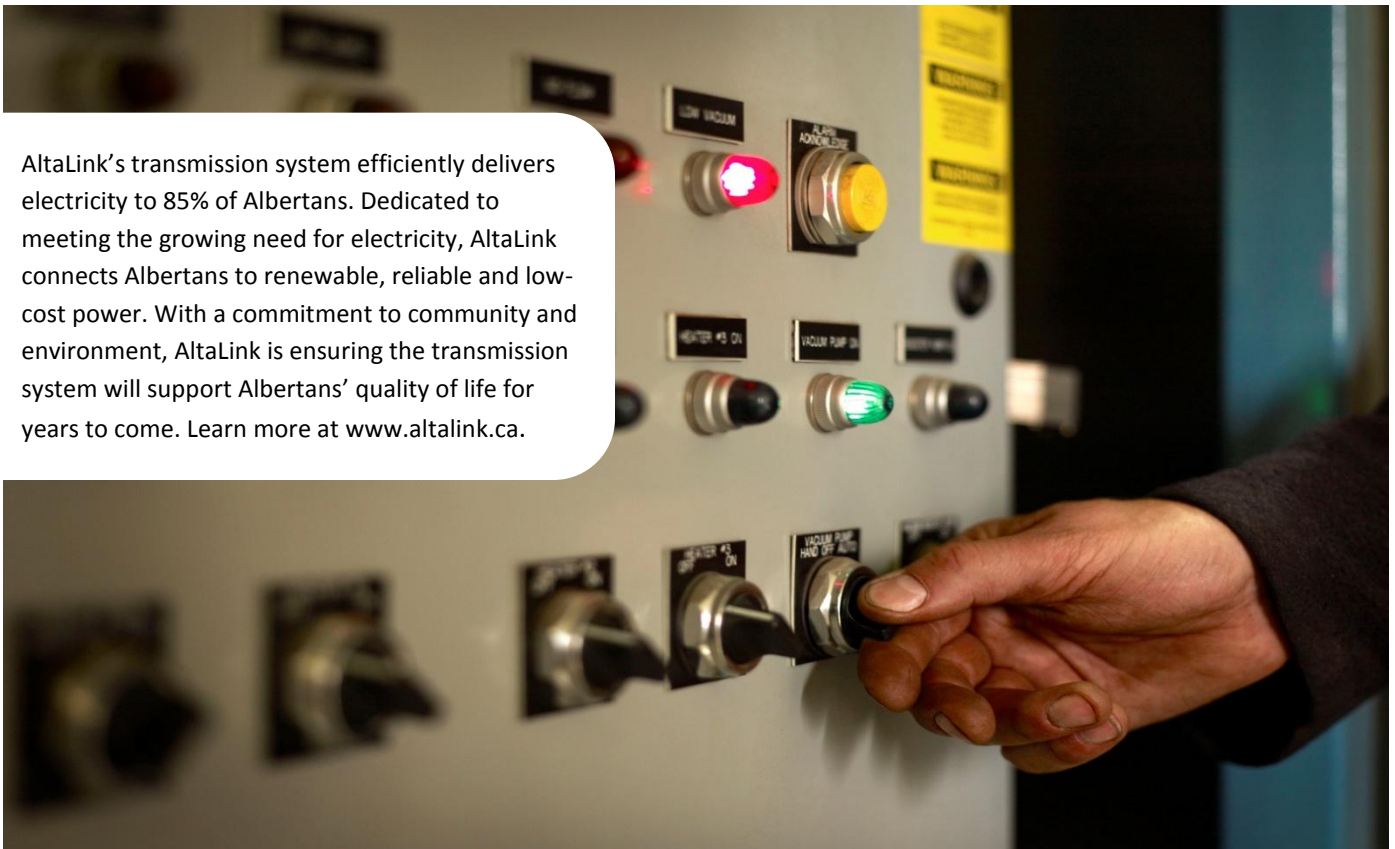


## Electric system improvements near you

### Maxim Deerland Peaking Station



AltaLink's transmission system efficiently delivers electricity to 85% 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 Maxim Power Corp. (MAXIM) Deerland Peaking Station project and we want your input.

Maxim Power Corp. (MAXIM) has requested this **transmission** system reinforcement to connect its generation facility to Alberta's electric system.

Transmission system reinforcements are required to make sure industrial, commercial and residential consumers in your area continue to have a reliable supply of electricity for years to come.

We want to provide you with:

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

#### **Definition: Transmission**

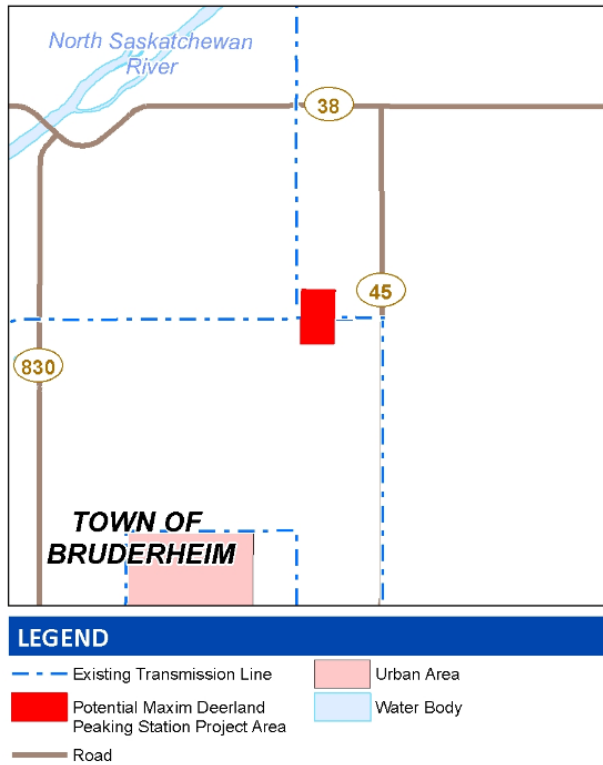
Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

### CONTACT US

1-877-267-1453

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

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



## Substation project details

The proposed project involves adding new equipment to the Deerland 13S substation, located at NW 22-56-20-W4M, approximately five kilometres (3 miles) north of the town of Bruderheim. We are proposing to add the equipment to our existing substation and anticipate that no expansion of the existing site will be required.

This upgrade to the Deerland 13S substation involves adding a new 138 kilovolt (kV) breaker. Breakers are electrical switches inside a substation that protect substation equipment and help ensure the safety and reliability of the electric system.

These upgrades to the electric system will help support the energy demands of industrial activities in the area and continue to supply residences with a reliable supply of power.



*Above: the existing Deerland 13S substation*

## **New transmission line**

In addition to the Deerland 13S substation upgrades, we are proposing to build a short 138 kV transmission line to connect the Deerland 13S substation to the customer-proposed Skaro 109S substation. After consulting with the affected customer and other stakeholders, we have identified a preferred route for the proposed transmission line. The proposed line, called 621L, will mostly consist of single-circuit wood pole structures. These will be approximately 20 to 30 metres (65 to 100 feet) tall and run in a strip of cleared land 25 metres (82 feet) wide on privately-owned property.

Currently, a transmission line called 815L is connected to the west side of the Deerland 13S substation and runs east along its southern border. Approximately 100 metres (330 feet) of the 815L line will be removed and the line will be rerouted into the east side of the substation. The line remaining on the west side of the substation will be renamed 621L and connected to the customer-planned Skaro 109S substation by a proposed transmission line approximately 150 metres (490 feet) long.

Please see the maps included in this package to view the proposed transmission line route.

## **Electric and Magnetic Fields (EMF)**

AltaLink recognizes that people have concerns about exposure to Electric and Magnetic Fields (EMF) and we take those concerns very seriously. Everyone in our society is exposed to EMF from many sources, including:

- power lines and other electrical facilities
- electrical appliances in your home
- building wiring

National and international organizations such as the World Health Organization and Health Canada have been conducting and reviewing research about EMF for more than 40 years. Based on this research, these organizations have not recommended the general public take steps to limit their everyday exposure to EMF from high voltage transmission lines. 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 all occupants, residents and landowners who are on or directly adjacent to the substation location to gather input through one-on-one consultations.

After the consultation 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. The AUC 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 *Public Involvement in Needs or Facilities Applications*.

## Anticipated project schedule

Notify and consult with stakeholders	December 2013 - January 2014
File application with Alberta Utilities Commission (AUC)	Summer 2014
Start construction if project is approved	Spring 2015
Complete construction	November 2015

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

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

Website: [www.altalink.ca/regionalprojects](http://www.altalink.ca/regionalprojects)

To learn more about Alberta's electric system and the need for the project, please contact:

**Alberta Electric System Operator (AESO)** at 1-888-866-2959

Email: [stakeholder.relations@aeso.ca](mailto:stakeholder.relations@aeso.ca)

To learn more about the application and review process, please contact:

**Alberta Utilities Commission (AUC)** at 780-427-4903

(You can call toll-free by dialing 310-0000 before the number.)

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

*The Alberta Electric System Operator (AESO) is an independent, not-for-profit organization responsible for the safe, reliable and economic planning and operation of the provincial transmission grid. For more information about why this project is needed, please refer to the AESO's Need Overview included with this package, or visit [www.aeso.ca](http://www.aeso.ca). If you have any questions or concerns about the need for this project you may contact the AESO directly.*

To learn about the customer-planned Skaro 109S substation, contact:

Kyle Mitton at **MAXIM** at 403-750-9310

Email: [kmitton@maximpowercorp.com](mailto:kmitton@maximpowercorp.com)

### PRIVACY COMMITMENT

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the Freedom of Information and Protection of Privacy 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.

## Included in this information package:

- Project maps
- AUC brochure: *Public Involvement in Needs or Facilities Applications*
- AESO Need Overview

## DID YOU KNOW?

According to the Canadian Electricity Association, Canada's electricity grid was built for a population of about 20 million, but is today servicing around 35 million people. Provinces across Canada, including Alberta, are working to reinforce their aging electric systems so they can continue to provide customers with reliable power.