APPENDIX C PARTICIPANT INVOLVEMENT PROGRAM (PIP)

1.0 Participant Involvement Program (PIP)

From December 2013 to September 2014, the AESO conducted a Participant Involvement Program (PIP) to assist in preparing its *Deerland Peaking Station Energy Connection Needs Identification Document* (NID)**.** The AESO directed transmission facility owner (TFO) AltaLink Management Ltd. (AltaLink) to assist the AESO in providing notification in accordance with NID 14 and Appendix A of Alberta Utilities Commission Rule 007.

The AESO's PIP was designed to notify and provide information to all occupants, residents and landowners within 800 metres of the proposed development as well as to other interested parties, including the following government agencies and other organizations:

- Alberta Environment and Sustainable Resource Development – Fish and Wildlife
- Alberta Culture and Community Spirit
- Alberta Transportation
- Lamont County
- Town of Bruderheim
- Ducks Unlimited Alberta
- FortisAlberta Inc.
- Battle River REA
- TELUS Corporation
- Alberta Oil Sands Pipeline Ltd. c/o Pembina Pipeline Corporation
- Cold Lake Pipeline ltd. c/o Inter Pipeline
- Enbridge Pipelines Inc.
- Stantec
- Husky Oil Operations Ltd.
- Imperial Oil Resources Ltd.
- Shell Canada Ltd.

1.1 Description of Participant Involvement Program

The AESO used a variety of methods to notify stakeholders on the need for the Deerland Peaking Station connection. The AESO developed a one-page need overview document that described the need for the proposed transmission development. A copy

of this document was posted to the AESO website at http://www.aeso.ca/transmission/29776.html on December 5, 2013. A copy of the need overview is included as Attachment 1.

The need overview was also included with AltaLink's project-specific information package mailed on December 3, 2013 to occupants, residents and landowners within 800 meters of the proposed development as well as to the government agencies and other organizations noted above. Attachment 2 includes a copy of AltaLink's brochure, and Attachment 3 includes a copy of AltaLink's project update.

Most recently, the AESO advertised its intention to file the Deerland Peaking Station Energy Connection NID in the Fort Saskatchewan Record, the Lamont Farm n Friends and the Lamont Leader newspapers on August 28, 29 and September 3 respectively. A copy of the final proof has been included as Attachment 4.

As directed by the AESO, the TFO was prepared to direct any inquiries or concerns about the project need to the AESO. The TFO has indicated that Stakeholders have not identified any concerns with the need for the proposed transmission development.

To ensure that stakeholders had the opportunity to provide feedback, the AESO also provided stakeholders with a dedicated, toll-free telephone line (1-888-866-2959) and a dedicated email address (stakeholder.relations@aeso.ca). AESO contact information, along with the AESO's mailing address (2500, 330 5th Ave, SW, Calgary) and website address (www.aeso.ca), and a privacy statement that described how the AESO honours Alberta's Personal Information Protection Act, were included on all AESO communications related to this application.

1.2 Issues and Concerns Raised

The AESO has received no indication of concern from any party about the need for the proposed transmission development.

1.3 List of Attachments

- Attachment 1 – AESO Need Overview
- Attachment 2 – AltaLink's Information Brochure – "*Maxim Deerland Peaking Station*" (December 2013)
- Attachment 3 – AltaLink Project Update Letter – "Maxim Deerland Peaking Station Project Update" (July 2014)
- Attachment 4– Notification of Filing Advertisement – Final Proof

Attachment 1 – AESO Need Overview

Need for the Deerland Peaking Station Connection in the Fort Saskatchewan Area

Transmission Development Information for Stakeholders

Why is this transmission development needed?

Maxim Power Corp. (Maxim) has requested transmission system access for its proposed Deerland Peaking Station Facility (Facility) in the Fort Saskatchewan area. Maxim's request can be addressed by modifying the existing Deerland 13S substation and developing a new 138 kV transmission line to connect the Facility to the Deerland 13S substation.

The Alberta Electric System Operator (AESO) is processing Maxim's request, including providing information to landowners, occupants, residents and agencies in the Fort Saskatchewan area that may be near the proposed transmission development. The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of this need in the fall of 2014. The AESO's needs identification document (NID) application will be available on the AESO's website at www.aeso.ca/transmission/8969.html at the time of its application to the AUC.

Who is the AESO?

Alberta's transmission system, sometimes referred to as the Alberta Interconnected Electric System (AIES), is planned and operated by the AESO. The transmission system comprises the high-voltage lines, towers and equipment (generally 69kV and above) that transmit electricity from generators to lower voltage systems that distribute electricity to cities, towns, rural areas and large industrial customers.

The AESO's role is to maintain safe, reliable and economic operation of the AIES. The AESO's planning responsibility includes determining the need for transmission system development and the manner in which that need is met. The AESO is also mandated to facilitate the interconnection of qualified market participants to the AIES. The AESO is regulated by the AUC and must apply to the AUC for approval of its NID.

How is AltaLink Management Ltd. (AltaLink) involved?

AltaLink is the transmission facilities owner (TFO) in the Fort Saskatchewan area. While the AESO is responsible for identifying that transmission system development is needed, AltaLink is responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities. The AESO has directed AltaLink to provide information to stakeholders on this need and to file a facility proposal application with the AUC which will include a detailed description and location of the proposed transmission development.

2500, 330-5th Avenue SW, Calgary, Alberta T2P 0L4 Phone: 403-539-2450 Fax: 403-539-2949
www.aeso.ca www.poweringalberta.com

Further Information

The AESO appreciates your views on the need for transmission system development and your comments are encouraged. If you have any questions or suggestions regarding the need for the proposed transmission connection in the Fort Saskatchewan area or the AESO's application regarding this need, please contact:

Karlene Hartnett
AESO Stakeholder Relations
1-888-866-2959
stakeholder.relations@aeso.ca
2500, 330 – 5th Avenue SW
Calgary, Alberta T2P 0L4

The AESO is committed to protecting your personal privacy in accordance with Alberta's Personal Information Protection Act. Any personal information collected by the AESO with regard to this project may be used to provide you with further information about the project, may be disclosed to the Alberta Utilities Commission (and as a result, may become public), and may also be disclosed to AltaLink as the legal owner of transmission facilities in your area. If you have any questions about how the AESO will use and disclose your personal information, please contact us at 1-888-866-2959 or at stakeholder.relations@aeso.ca

2500, 330-5th Avenue SW, Calgary, Alberta T2P 0L4 Phone: 403-539-2450 Fax: 403-539-2949
www.aeso.ca www.poweringalberta.com

Attachment 2 – AltaLink's Information Brochure – "*Maxim Deerland Peaking Station*" (December 2013)

ALTALINK

December 2013

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.

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

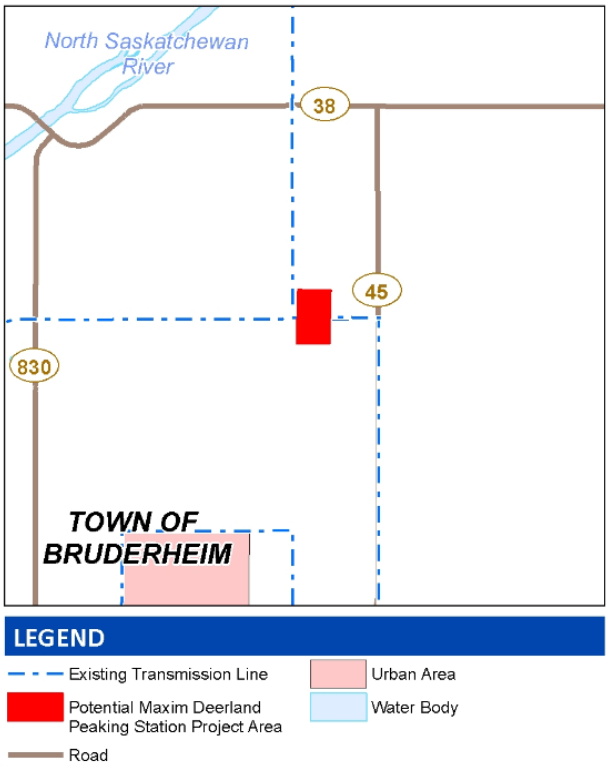
Definition: Transmission
Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation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

CONTACT US

1-877-267-1453

stakeholderrelations@altalink.ca

www.altalink.ca/regionalprojects

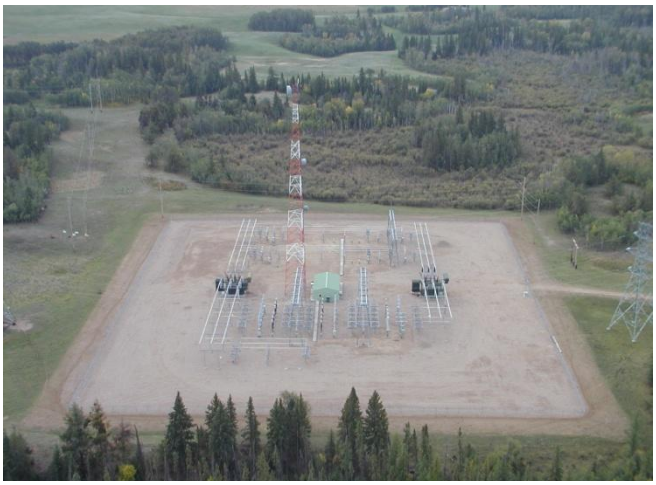


Substation project details

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
Email: 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*.

ALTALINK

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
Website: 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

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

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. 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

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 or contact us directly via e-mail 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.

Attachment 3 – AltaLink's Project Update Letter – "*Maxim Deerland Peaking Station Project Update*" (July 2014)

ALTALINK | 2611– 3rd Avenue SE, Calgary, Alberta T2A 7W7 | www.altalink.ca

July 4, 2014

RE: Maxim Deerland Peaking Station project update

You may have received previous communications from AltaLink concerning the proposed Maxim Deerland Peaking Station project in December 2013. Based on further engineering and analysis, it has been determined that several changes to the proposed project are needed and we are notifying stakeholders prior to filing a facility application with the Alberta Utilities Commission (AUC) in the fall/winter of 2014.

Proposed project changes

In the December 2013 project newsletter, we proposed to salvage 100 metres (330 feet) of the 815L transmission line, leaving one segment of the remaining line connected to the west side of the Deerland 13S substation and rebuilding the 815L line on the east side of the substation. We also proposed to build approximately 150 metres (492 feet) of new single-circuit 138 kV line to the customer-planned Skaro 109S substation. After further engineering and analysis:

- A total of approximately 240 metres (787 feet) of the 815L line is proposed to be salvaged along the south side of the Deerland substation.
- A total of approximately 260 metres (853 feet) of new transmission line (named 621L) will be constructed in the same location as the salvaged portion of the 815L line and connected to the customer-planned Skaro 109S substation.
- The short line connecting the 815L line into the east side of the Deerland 13S substation is still required and will not change from the original information described in the December 2013 project newsletter.

The attached maps (DP1 and FP1-DP1) show the revised alignments of the proposed and existing transmission lines. We believe these changes do not present any new project impacts, and all work will occur on AltaLink-owned land.

We are available to gather any further input you have or address any questions or concerns. Please contact us at stakeholderrelations@altalink.ca or 1-877-267-1453.

Sincerely,

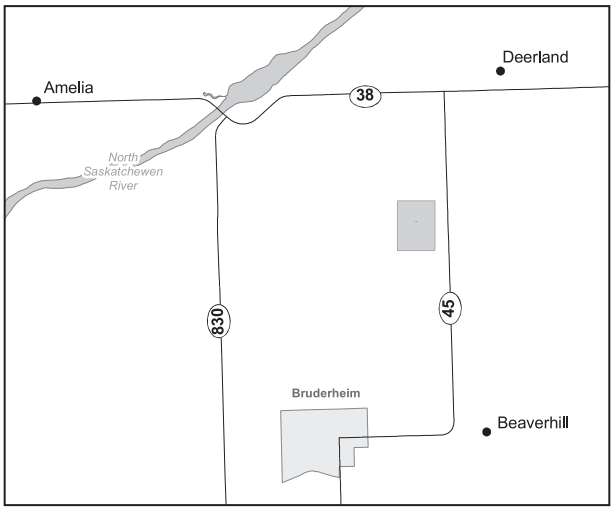
Dave Lee
Manager, Stakeholder Engagement

Attachment 4 – Notification of Filing Advertisement – Final Proof

Notification of AESO Regulatory Filing Addressing the Need to Connect the Deerland Peaking Station in the Fort Saskatchewan Area

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for connection of the Deerland Peaking Station with the Alberta Utilities Commission (AUC) on or after September 17, 2014.

Maxim Power Corp. (Maxim) has requested transmission system access for its proposed Deerland Peaking Station Facility (Facility) in the Fort Saskatchewan area. Maxim's request can be met by modifying the existing Deerland 13S substation and developing a new 138 kV transmission line to connect the Facility to the Deerland 13S substation.



The shaded area on the map indicates the approximate location where the proposed development is needed. In a separate application called a Facility Application, AltaLink Management Ltd. (AltaLink), the transmission facilities owner (TFO) in the Fort Saskatchewan area, will describe the specific upgrades to be performed and request AUC approval to construct and operate the specific transmission facilities.

The AESO and AltaLink presented this need to stakeholders, including residents, occupants and landowners, from December 2013 to September 2014. The AESO has considered feedback gathered from stakeholders, and technical and cost considerations, and will apply to the AUC for approval of the need for this transmission development. Once filed, the NID will be posted on the AESO website at http://www.aeso.ca/transmission/29776.html

Please visit our website, www.aeso.ca for more information, or contact the AESO at 1-888-866-2959 or stakeholder.relations@aeso.ca

aeso
ALBERTA ELECTRIC SYSTEM OPERATOR

tmp.worldwide
Integrated Marketing Communications

Artist: 2N

Docket: 103293

Date: Aug 18, 2014

Size: 5" (x 116)

Proof: 1.1

1 of 1

Publications(s):
Lamont FnF
Lamont Ldr