

AESO PIP SUMMARY

Keephills Area Transmission Re-configuration

PIP Summary

1.0 Participant Involvement Program

From February 2018 to March 2018, the AESO conducted a Participant Involvement Program (PIP) regarding the need for the Keephills Area Transmission Re-configuration. The AESO directed one of the transmission facility owner (TFO) involved in the Project, in this case AltaLink Management Ltd. (AltaLink), in its capacity as general partner of AltaLink, L.P., to assist the AESO in providing notification as part of the AESO's PIP.

1.1 Stakeholder Notification

The AESO's PIP was designed to notify the parties notified in AltaLink's PIP, including but not limited to:

- i. occupants, landowners or residents;
- ii. local authorities, agencies and government which have responsibilities related to electric transmission line development;
- iii. First Nations and Métis; and
- iv. market participants

AltaLink's PIP included notification within 200 m of, and consultation directly adjacent to, the existing right-of-way where the new connection to 1045L and associated work will take place. AltaLink notified and consulted the owner of the lands within 800 m of the proposed termination of the new portion of the 1045AL.

In total, AltaLink notified 3 private or individual landowners, occupants, and residents and approximately 5 agency and industry stakeholders (collectively, "Stakeholders").

The notified agency and industry stakeholders (and AltaLink's rationale for their inclusion in the PIP) are listed below:

- Parkland County (Municipal requirement)
- Alberta Culture and Tourism (Provincial requirements)
- West Parkland Gas Co-op (Pipeline owner in the Project area)
- New Star Energy Ltd. (Pipeline owner in the Project area)
- Alberta Environment and Parks (Provincial requirement)

The AESO did not identify any other parties outside of AltaLink's PIP that required notification.

The AESO's PIP activities are more fully described below.

1.1.1 AESO Newsletter

The AESO developed an AESO Newsletter titled *Transmission Re-configuration in the Keephills Area* that notified Stakeholders of the following items:

- a description of the need for development;
- a description of the AESO's preferred option to meet the identified need;
- identification of the general area where facilities could be installed to implement the AESO's preferred option;
- the AESO's contact information, including telephone, email and website, for further information; and
- the AESO's next steps, including the AESO's intention to approve the need for the development under the abbreviated needs approval process (ANAP)

On February 26, 2018, AltaLink provided the AESO's Project Newsletter through addressed mail and/or electronically to the Stakeholders mentioned in section 1.1. The newsletter was also posted to the AESO website at <https://www.aeso.ca/grid/projects/keephills-area-transmission-reconfiguration/> and a notice was published in the AESO Stakeholder Newsletter¹ on February 27, 2018. Copies of the AESO Project Newsletter and the AESO Stakeholder Newsletter posting are included in Attachments 1 and 2, respectively.

Attachment 3 includes AltaLink's stakeholder letter, which was included in their project-specific information packages. AltaLink's stakeholder letter included the AESO's contact information, a description of the AESO's role, a reference to the AESO Newsletter, and an invitation to contact AltaLink or the AESO for additional information.

The materials distributed by AltaLink, including the AESO Newsletter, were also made available on the AltaLink's project-specific webpage at

¹ The AESO's twice-weekly Stakeholder Newsletter is offered by subscription to anyone that would like to receive it distributed via e-mail.

<http://www.altalink.ca/projects/view/295/keephills-area-transmission-re-configuration> on March 8, 2018.

1.3 Responding to Questions and Concerns

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). The 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 describes how the AESO is committed to protecting Stakeholders' privacy, were included in the February 2018 newsletter.

1.1 Concerns and Objections Raised

The AESO has not received any objections, or indication of concern, from any Stakeholder or other party regarding the need for transmission reinforcement in the Keephills area, or the AESO's preferred transmission development to meet the identified need.

1.5 List of Attachments

- Attachment 1 – AESO Newsletter
 - *Transmission Re-configuration in the Keephills Area* (February 2018)
- Attachment 2 – AESO Stakeholder Newsletter Posting (February 27, 2018)
- Attachment 3 – AltaLink's Stakeholder Letter
 - *Keephills Area Transmission Re-configuration* (February 23, 2018)

Attachment 1 – AESO Newsletter – *Transmission Reconfiguration in the Keephills Area* (February 2018)



The electricity system in your area needs improvement

At the **Alberta Electric System Operator (AESO)**, we plan Alberta's electric transmission system. We study the transmission system to determine what future upgrades and expansions will be needed to continue to reliably serve the province's growing power demands.

- Recent studies have shown the existing transmission system in the Keephills area needs to be reconfigured to continue to provide a reliable supply of electricity to areas in Northwest Alberta and the area west of the City of Edmonton. The AESO is proposing to add 240 kV jumpers (short segments of wire) between two existing 240 kV transmission lines called 1043L and 1045L. These jumpers will connect the existing Keephills, Sundance, and Jasper substations. Minor modifications of associated equipment are also required.



WILL YOU BE AFFECTED?

If you are receiving this information, you live in an area where new facilities could potentially be located.

Please view AltaLink Management Ltd's information about the proposed location of the required facilities. As the Transmission Facility Owner in the Keephills area, identifying specific locations of where facilities may be constructed is AltaLink's responsibility.

QUESTIONS?

At the AESO, we operate on behalf of you and all Albertans. We value the opportunity to listen to your comments and answer your questions about this required reconfiguration prior to approval.

Please contact AESO Stakeholder Relations at stakeholder.relations@aeso.ca or 1-888-866-2959

NEXT STEPS

In early 2018, the AESO plans to approve this transmission development under our abbreviated needs approval process (ANAP). The process is outlined in section 501.3 of the ISO rules, Abbreviated Needs Approval Process. Once approved, the ANAP approval letter will be posted on the project page of the AESO's website at

www.aeso.ca/grid/projects



ABOUT THE AESO

The AESO operates the provincial transmission system so that all Albertans can count on safe and reliable electricity to power our homes and businesses each and every day. The AESO also carefully plans upgrades and reinforcements to the system to ensure the transmission system meets the needs of Alberta.

The AESO is committed to protecting your privacy.

The feedback, comments and contact information you choose to submit is being collected by the AESO to respond to your inquiries and/or to provide you with further information. This information is collected in accordance with Section 33(c) of the Freedom of Information and Protection of Privacy Act (FOIP).

If you have any questions about the collection or use of this information, please contact the Manager, FOIP and Records Management, 2500, 330 – 5th Ave. SW, Calgary, Alberta, T2P 0L4 or by telephone at 403-539-2528. If you choose to communicate by email, please note that email is not a secure form of communication. Security of your communication while in transit cannot be guaranteed.

Attachment 2 – AESO Stakeholder Newsletter Posting (February 27, 2018)

Keephills Area Transmission Reconfiguration

The AESO has posted information about the need for transmission reconfiguration in the Keephills area. Recent studies have shown the existing transmission system in the Keephills area needs to be reconfigured to continue to provide a reliable supply of electricity to areas in northwest Alberta and the area west of the City of Edmonton.

Please click [here](#) to view the document or visit the AESO website at www.aeso.ca and Grid > Projects > Keephills Area Transmission Reconfiguration.

Attachment 3 – AltaLink’s Stakeholder Letter – *Keephills Area Transmission Re-configuration* (February 23, 2018)

February 23, 2018

Keephills Area Transmission Re-configuration

The Alberta Electric System Operator has determined that a new electrical connection between the Keephills 320P and Sundance 310P Substations is required. AltaLink has identified that this connection can be created using existing transmission structures in the area north of Highway 627. As such, AltaLink is planning to make modifications as described in more detail below, to two of its existing transmission lines; one called 1043L and one called 1045L. AltaLink has included the attached DP1 map for reference.

Project Scope

The work AltaLink plans to undertake includes installing jumpers (short segments of wire) between two existing transmission lines called 1043L and 1045L, and removing jumpers between wires on its existing 1043L transmission line in NW-7-52-3 W5M and NE-36-51-4-W5M. AltaLink also plans to move the wires on its 1043L transmission line from the north side of its existing structures, to the south side for an approximately 400 m segment east of this location. This reconfiguration creates a new circuit that will run between AltaLink's Sundance 310P and Keephills 320P Substations as well as EPCOR's Jasper Substation.

The above work will all take place on existing structures within AltaLink's existing right-of-way. No new structures, ground disturbance or rights-of-way are required to complete this work.

AltaLink also requires a new transmission structure outside the Keephills 320P Substation in NE-36-51-4 W5M; this new structure will allow AltaLink to bring the new electrical connection to a different part of the substation. Construction activities for this type of work would include:

- right-of-way access and workspace preparation around the structures
- stringing and attaching wire to each structure by use of bucket trucks
- wire delivery and preparation of locations for stringing transmission line wire
- clean up of the right-of-way and inspections of the energized line

Work will also be required within the existing Keephills 320P and Sundance 310P Substations.

Next Steps

AltaLink plans to file an application for this work with the Alberta Utilities Commission in March of 2018. If approved, construction is planned for later in the spring of 2018. If AltaLink requires access to rights-of-way on private property, we will contact you in advance to discuss the specific dates and times we will require access to your property.

If you have questions or concerns about this project, please contact me toll-free at 1-877-267-1453, directly at 403-267-8017, or by email at sean.heffernan@altalink.ca.





The 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 and the need approval process, please refer to the AESO's Project Newsletter 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. You can also make your questions or concerns known to an AltaLink representative who will collect your personal information for the purpose of addressing your questions and/or concerns to the AESO. This process may include disclosure of your personal information to the AESO.

Sincerely,

Sean Heffernan
Senior Right-of-Way Planner

