

APPENDIX D AESO PIP

Addition of Voltage Support at Rycroft 730S Substation

Needs Identification Document

1.0 Participant Involvement Program

From October 2017 to December 2017, the AESO conducted a Participant Involvement Program (“PIP”) to assist in preparing its *Addition of Voltage Support at Rycroft 730S Substation Needs Identification Document* (“Application”) in accordance with the requirements of NID14 and Appendix A2 of Alberta Utilities Commission Rule 007: *Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations and Hydro Developments*.

1.1 Stakeholder Notification

The AESO’s PIP was designed to notify and provide information to stakeholders in the area where the AESO determined that transmission facilities could be installed to implement the AESO’s preferred option to meet the identified need (“Notification Area”). Specifically, occupants, residents and landowners within the Notification Area, as well as the following government bodies, agencies and other stakeholder groups were notified by the AESO (collectively, “Stakeholders”):

- MLA, Honourable Margaret McCuaig-Boyd, Central Peace
- The Village of Rycroft
- MD of Spirit River
- Horse Lake First Nation
- Sturgeon Lake Cree Nation
- Duncan’s First Nation
- Metis Nation of Alberta Region VI
- Metis Local

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

1.1.1 AESO Newsletters

In October 2017, the AESO mailed its newsletter titled *Addition of Voltage Support at Rycroft 730S Substation* through direct unaddressed mail via postal code to all occupants, residents and landowners in the Notification Area. Additionally, the AESO mailed this newsletter directly to the government bodies and other stakeholder groups listed in Section 1.1. The newsletter was also posted to the AESO website at <https://www.aeso.ca/grid/projects/voltage-support-at-rycroft-730s/> and a notice was

published in the AESO Stakeholder Newsletter¹ on October 31, 2017. Copies of the newsletter and the AESO Stakeholder Newsletter posting are included in Attachments 1 and 2, respectively.

1.2 Public Notification of Application Filing Advertisement

Most recently, the AESO advertised its intention to file the Application in the Fairview Post and the Rycroft Central Peace Signal newspapers on November 28 & 29, 2017. A copy of the final proof has been included as Attachment 3. This document was posted to the AESO website at <https://www.aeso.ca/grid/projects/voltage-support-at-rycroft-730s/> and a notice was published in the AESO Stakeholder Newsletter on November 30, 2017. A copy of the AESO Stakeholder Newsletter posting has been included as Attachment 4.

1.3 Opportunities to Directly Contact the AESO

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 describes how the AESO is committed to protecting Stakeholders' privacy, was included in the October 2017 newsletter.

1.4 Stakeholder Inquiries

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 Rycroft area, or the AESO's preferred transmission development to meet the identified need.

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

1.5 List of Attachments

- Attachment 1 - AESO Newsletter
 - *Addition of Voltage Support at Rycroft 730S Substation* (October 2017)
- Attachment 2 - AESO Stakeholder Newsletter Posting (October 31, 2017)
- Attachment 3 - Public Notification of Application Filing Advertisement – Final Proof (November 28, 2017)
- Attachment 4 - AESO Stakeholder Newsletter Posting (November 30, 2017)



The electricity system in your area needs improvement

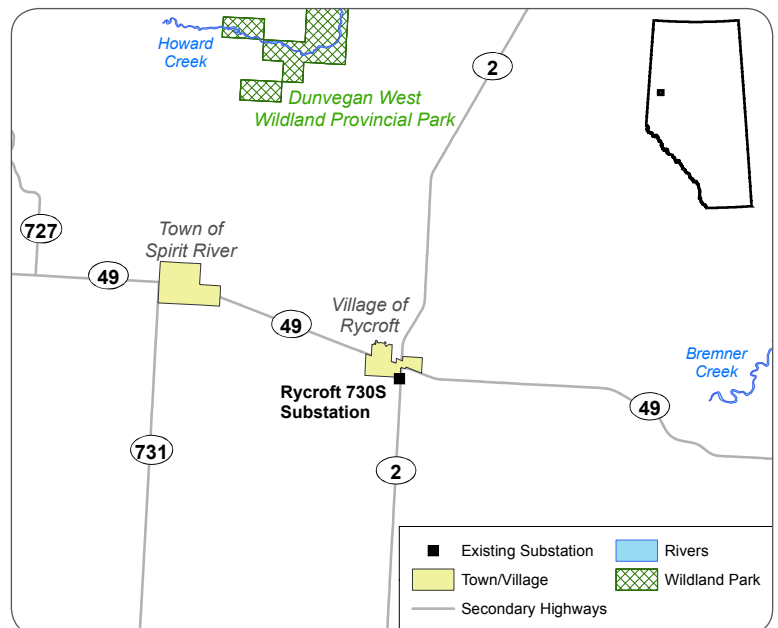
At the Alberta Electric System Operator (AESO), we plan Alberta's electric transmission system. We study the transmission system to determine what future upgrades and expansions will be needed to continue to serve the province's growing electricity demands.

- Transmission reinforcement is required in the Rycroft area to accommodate future growth in electricity demand and ensure reliability. The AESO is expecting voltage below acceptable limits in this area under certain operating conditions. To maintain reliability, the AESO is proposing to add new voltage support equipment inside the existing Rycroft 730S substation.

WHERE WILL NEW TRANSMISSION FACILITIES BE LOCATED? WILL YOU BE AFFECTED?

If you are receiving this information, you live in the area where new facilities will be located.

New facilities to be constructed are the responsibility of the Transmission Facility Owner, in this case ATCO Electric Ltd.



Developing transmission in Alberta

Several organizations are involved in ensuring Alberta has a safe, reliable transmission system.

ALBERTA ELECTRIC SYSTEM OPERATOR (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.

ALBERTA UTILITIES COMMISSION (AUC)

The AUC is Alberta's regulator for electric and natural gas utilities. They are responsible for reviewing the need, the preferred option to meet the need, transmission siting and construction, including all associated costs of construction and operation of Alberta's electricity system.

TRANSMISSION FACILITY OWNER (TFO)

A Transmission Facility Owner owns the transmission facilities. They are responsible for detailed siting and routing, constructing, operating and maintaining transmission facilities. There are four major TFOs in Alberta; ATCO Electric Ltd., AltaLink Management Ltd., EPCOR Utilities Inc. (owned by The City of Edmonton), and ENMAX Power Corporation (owned by The City of Calgary).

AESO Identify need

- Identify need and preferred technical alternative to meet it
- Share information with stakeholders
- File Needs Identification Document application

AUC Decision required

- Review application
- Provide opportunities for stakeholder input
- Approve or reject applications

TFO Identify location

- Identify potential routes and sites for transmission facilities, if required
- Consult with stakeholders
- File facilities application

AUC Decision required

- Review application
- Provide opportunities for stakeholder input
- Approve or reject application

TFO Build

- Construct
- Operate

Under certain circumstances specific to each project, the AESO and TFO may choose to develop their applications in tandem. In these cases, notification and consultation will be combined and the AUC approval process may be combined as well.

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 proposal prior to the AESO submitting its application with the AUC.

Please contact Jennifer Vollmer at stakeholder.relations@aeso.ca or 1-888-266-2959

NEXT STEPS

We will continue to develop our application, called a Needs Identification Document (NID), and we intend to submit it to the AUC in December 2017.

Once filed, the NID and related documents will be shared on our website at www.aeso.ca/grid/projects/rycroft

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. 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.

Addition of Voltage Support at Rycroft 730s Substation

The AESO has posted information about the need for voltage support at the Rycroft 730S Substation. Transmission reinforcement is required in the Rycroft area to accommodate future growth in electricity demand and ensure reliability.

Please [click here](#) to view the document or visit the AESO website at www.aeso.ca and Grid > Projects > Addition Of Voltage Support At Rycroft 730S Substation

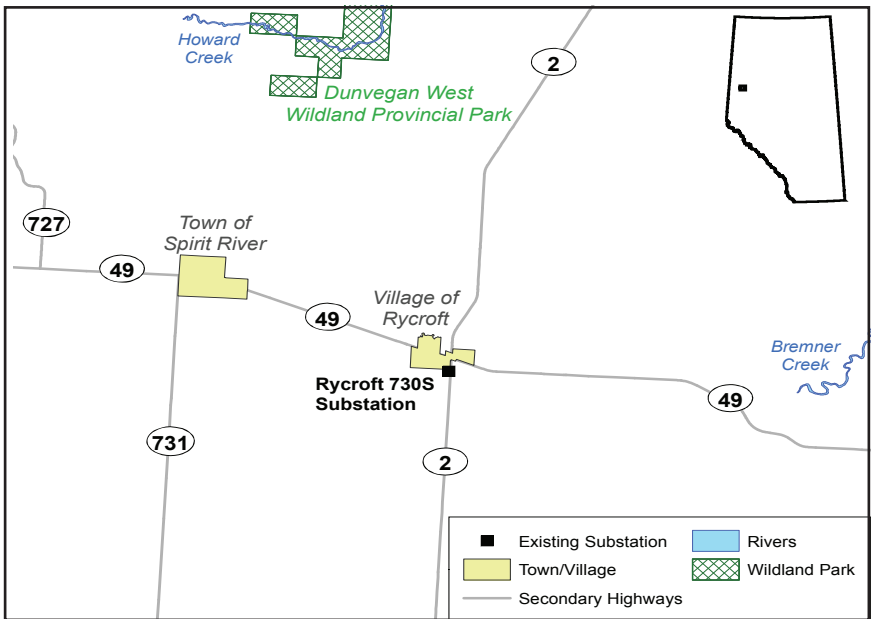
Notification of the AESO Needs Identification Document (NID) filing addressing the need for the addition of voltage support at the Rycroft 730S Substation

The Alberta Electric System Operator (AESO) advises you that it intends to file a NID for the approval of transmission reinforcement in the Rycroft Area with the Alberta Utilities Commission (AUC) on or after December 15, 2017. The proposed reinforcement includes adding new voltage support equipment inside the existing Rycroft 730S Substation.

Transmission reinforcement is required in the Rycroft area to accommodate future growth in electricity demand and ensure reliability to homes, businesses, and industry in the area.

Between October and December 2017, the AESO notified stakeholders, including residents, occupants and landowners, regarding the need for the proposed transmission reinforcement, and its intention to apply to the AUC for approval of the NID. Once filed, the NID will be posted on the AESO website at www.aeso.ca/grid/projects/voltage-support-at-rycroft-730s/

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



ATCO Electric Ltd. (ATCO) is the transmission facilities owner (TFO) in the area. At a later date, ATCO will apply to the AUC for approval to construct and operate the specific facilities to meet the identified need.

Your feedback, comments and/or contact information collected by the AESO will be used to respond to your inquiries and/or to provide you with further information about the project. This information is collected in accordance with Section 33(c) of the Freedom of Information and Protection of Privacy Act.

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.

For more information, please visit www.aeso.ca or contact the AESO at 1-888-866-2959 stakeholder.relations@aeso.ca

aeso 
Alberta Electric System Operator
2500, 330-5th Avenue SW
Calgary, AB T2P 0L4
@theaeso

Addition of Voltage Support at Rycroft 730S Substation – Public Notification of Regulatory Filing

Transmission reinforcement is required in the Rycroft area to accommodate future growth in electricity demand and ensure reliability. The AESO is expecting voltage below acceptable limits in this area under certain operating conditions. To maintain reliability, the AESO is proposing to add new voltage support equipment inside the existing Rycroft 730S substation.

The AESO intends to file the Addition of Voltage Support at Rycroft 730S Substation Needs Identification Document (NID) application with the Alberta Utilities Commission (AUC) on or after Dec. 15, 2017 and will be requesting that the AUC approve this NID.

The AESO has posted its public notification advertisement for its NID filing on its website for the Addition of Voltage Support at Rycroft 730S Substation. Please [click here](#) to view the advertisement or visit the AESO website at www.aeso.ca/grid/projects/voltage-support-at-rycroft-730s/ to see all the relevant documents including the NID application once it is filed with the AUC.