

APPENDIX C AESO PIP

Fox Creek 741S Substation Modification

Needs Identification Document

1.0 Participant Involvement Program (PIP)

From October 2015 to April 2016, the AESO conducted a Participant Involvement Program (PIP) to assist in preparing its Fox Creek 741S Substation Modification Needs Identification Document (NID). The AESO directed transmission facility owner (TFO), ATCO Electric Ltd. (ATCO) to assist the AESO in providing notification in accordance with Alberta Utilities Commission Rule 007.¹

1.1 Stakeholder Notification

The AESO's PIP was designed to notify and provide information to all occupants, residents and landowners within the notification area of the proposed development, as well as to other interested parties, including the following government bodies, agencies and other stakeholder groups (Stakeholders):

- Alberta Culture and Tourism
- Alberta Environment and Parks – Land Management
- Alberta Transportation
- Municipal District of Greenview No. 16
- The Town of Fox Creek
- TELUS Communications Inc.
- Sturgeon Lake Cree Nation

The AESO used a variety of methods to notify Stakeholders on the need for the Fox Creek 741S substation modification. 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/32722.html> and a notice was published in the AESO Stakeholder Newsletter on October 22, 2015. Copies of the Need Overview posting and the AESO Stakeholder Newsletter notice have been included as Attachments 1 and 2, respectively.

¹ The AESO's directions to the TFO were given under a previous Commission Rule 007, effective April 1, 2015. The AESO confirms that the PIP conducted in respect of the NID meets the requirements of Section 6.2.1, NID19 of the current Commission Rule 007, effective February 1, 2016.

The Need Overview was also included with ATCO's project-specific information package mailed on October 20, 2015 to the Stakeholders noted above. Attachment 3 includes a copy of ATCO's information brochure.

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 is committed to protecting Stakeholders' privacy, were included on the Need Overview related to this application.

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 or objections with the need for the proposed transmission development.

1.2 Public Notification

Most recently, the AESO published a Public Notification of NID Filing to the AESO website at <http://www.aeso.ca/transmission/32722.html> on April 6, 2016, and a notice in the AESO Stakeholder Newsletter on April 7, 2016. Copies of the Public Notification of NID Filing posting and the AESO Stakeholder Newsletter notice have been included as Attachments 4 and 5, respectively.

1.3 Concerns and Objections Raised

The AESO has not received any indication of concerns or objections from any party about the need for the proposed transmission development.

1.4 List of Attachments

- Attachment 1 – AESO Need Overview
- Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice
- Attachment 3 – ATCO's Stakeholder Letter – *Fox Creek Circuit Breaker Addition Project* (October 2015)
- Attachment 4 – AESO Public Notification of NID Filing (AESO Website Posting)
- Attachment 5 – AESO Stakeholder Newsletter NID Filing Notice

Attachment 1 – AESO Need Overview

Need to modify the Fox Creek 741S Substation in the Fox Creek Area



FAST FACT

Alberta's electric transmission system comprises the towers, wires and related equipment that are a part of moving electricity from where it is generated to where it is used.

ATCO Electric Ltd. (ATCO) has applied to the Alberta Electric System Operator (AESO) for transmission system access to serve a new industrial demand for electricity. ATCO's request can be met by the following solution:

> PROPOSED SOLUTION

- Add a 25 kV circuit breaker

> NEXT STEPS

- The AESO intends to apply to the Alberta Utilities Commission (AUC) for approval of the need in early 2016.
- The AESO's needs identification document (NID) application will be available on the AESO's website at www.aeso.ca/nid at the time of its application to the AUC.

The following organizations have key roles and responsibilities in providing access to the transmission system:

> THE AESO:

- Must plan the transmission system and enable access to it for generators and other qualified customers
- Is regulated by the AUC and must apply to the AUC for approval of its NID

> ATCO:

- Is the transmission facility owner in the Town of Fox Creek area
- Is responsible for detailed siting and routing, constructing, operating and maintaining the associated transmission facilities
- Is regulated by the AUC and must apply to the AUC for approval of its transmission facilities applications

> CONTACT US

We appreciate your views, both on the need for transmission system development and proposed transmission plans. If you have any questions or comments, please contact us directly.

Alberta Electric System Operator
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AESO Stakeholder Relations

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> WHO IS THE AESO?

The Alberta Electric System Operator (AESO) is a not-for-profit organization with no financial interest or investment of any kind in the power industry. We plan and operate Alberta's electricity grid and wholesale electricity market safely, reliably and in the public interest of all Albertans.

The AESO is committed to protecting your privacy. 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. The AESO will not use your personal information for any other purpose and will not disclose your information without consent or a legal obligation. If you choose to communicate by email, please note, email is not a secure form of communication. Security of your communication while in transit cannot be guaranteed.

Attachment 2 – AESO Stakeholder Newsletter Need Overview Notice

Fox Creek 741S Substation Modification – Need for Transmission System Development in the Fox Creek area

ATCO Electric Ltd. has applied to the AESO for transmission system access to serve new industrial demand for electricity. ATCO's request can be met by adding a 25 kV circuit breaker to the Fox Creek 741S substation.

The AESO has posted a Need Overview for this project on its website. Please [click here](#) to view the document or visit the AESO website at www.aeso.ca and follow the path Transmission > Needs Identification Documents > Fox Creek 741S Substation Modification.

**Attachment 3 – ATCO’s Stakeholder Letter – *Fox Creek Circuit
Breaker Addition Project* (October 2015)**



October 20, 2015

Stakeholder

Address

Town, Alberta Postal Code

RE: Fox Creek Circuit Breaker Addition Project

Dear Stakeholder,

This letter provides you with information about proposed upgrades to transmission facilities in your area and outlines our public consultation process.

Upgrades to the existing Fox Creek substation are needed to support industrial development in the Fox Creek area. We are advising neighbouring landowners, occupants, agencies and other interested parties about plans to upgrade and alter existing equipment at the Fox Creek substation. The substation is located approximately two kilometres from the town of Fox Creek.

Project Details

If approved, the work will include the addition of one 25-kilovolt circuit breaker. The proposed equipment will be installed within the existing boundaries of the Fox Creek substation site, which is located on the northwest quarter of Section 31-62-19 W5M (please refer to the enclosed planned site layout).

As the proposed upgrades are very minor in nature and will occur entirely within the existing property, ATCO Electric does not anticipate any impacts to the adjacent landholders or to the environment. However, neighbouring landholders can expect some increase in noise and traffic during construction.

Project Timeline

October 2015	Notification to landowners, occupants, agencies and other interested parties
February 2016	Submission of the facilities application to the Alberta Utilities Commission (AUC)
May 2016	If approval is granted by the AUC, construction will commence
September 2016	Alterations completed and operating

Timing may be adjusted to reflect final plans.

Project Need

When upgrades to Alberta's electrical system are needed, they are identified by the Alberta Electric System Operator (AESO). 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, please refer to the AESO's *Need Overview* included with this letter, or visit www.aeso.ca. If you have any questions or concerns about the need for this



project you may contact the AESO directly or you can make your concerns known to an ATCO Electric representative who will communicate them to the AESO on your behalf.

Alberta Utilities Commission

Alberta's electrical system is regulated by the Alberta Utilities Commission (AUC). The AUC is an independent agency of the province that ensures the fair and responsible delivery of utility services. Before ATCO Electric can begin construction on a project, the AUC must approve the facilities application, which includes details such as location of transmission facilities and routes.

Next Steps

ATCO Electric is seeking your input on how this project may affect you if you have an interest in lands adjacent to the Fox Creek substation. Once the project details have been finalized and any feedback has been received, ATCO Electric will file an application for the project with the Alberta Utilities Commission (AUC) seeking approval for the substation upgrades.

Please let us know if you have any questions, concerns or suggestions regarding this project. You can provide feedback and share other information using the enclosed reply form and postage paid envelop or by contacting us at the toll free line and email address listed below.

Sincerely,

A handwritten signature in blue ink that reads "B Wise".

Breanna Wise

Project Planner

ATCO Electric Ltd.

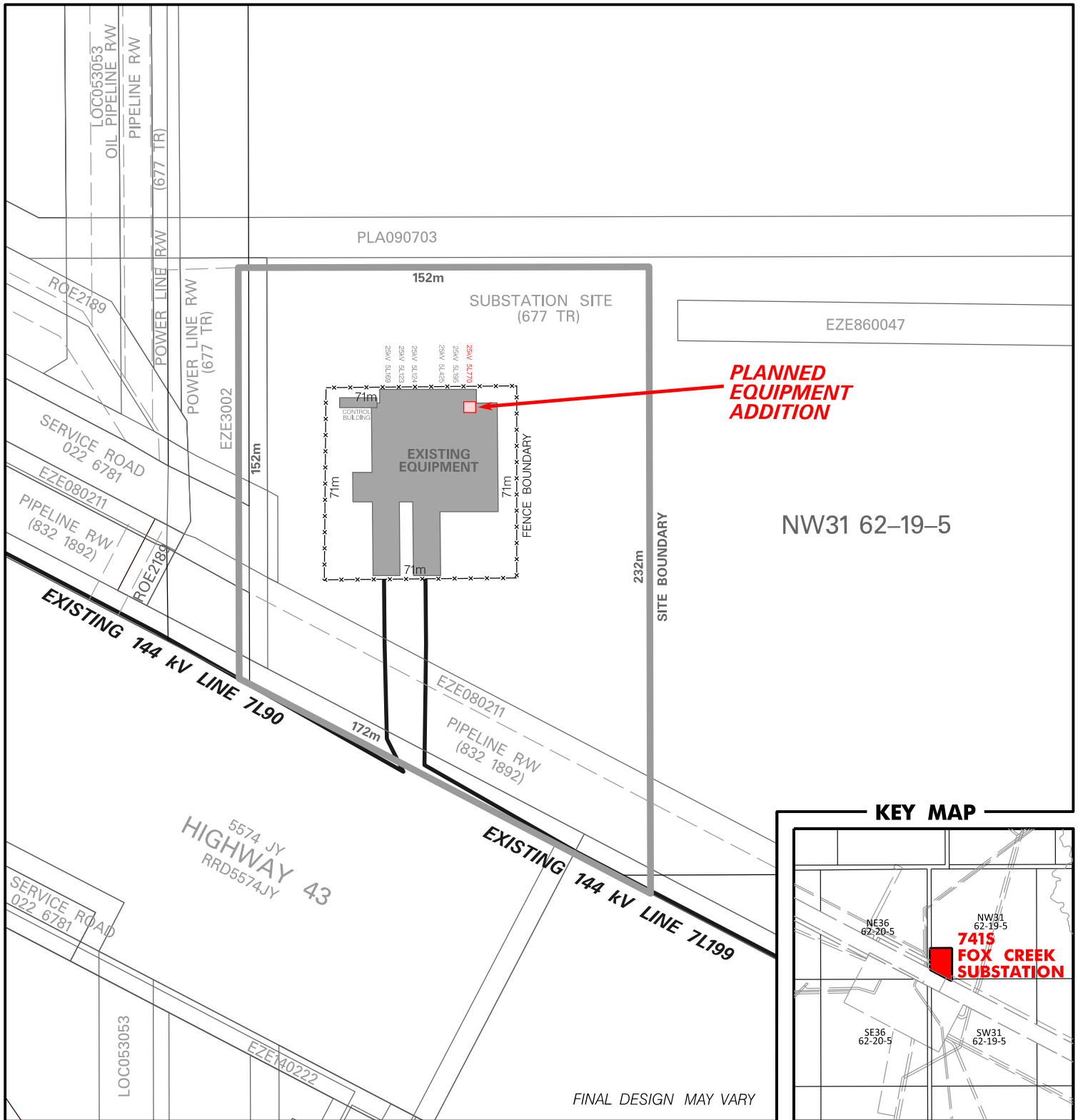
Toll Free: 1-855-420-5775

Direct: 1-780-420-5003

E-mail: consultation@atcoelectric.com

Enclosed:

- 741S Fox Creek Substation Planned Site Layout
- Alberta Utilities Commission (AUC) Brochure: *Public involvement in a proposed utility development*
- Alberta Electric System Operator (AESO) brochure: *Need Overview*



Fox Creek Substation Project

741S FOX CREEK SUBSTATION
PLANNED SITE LAYOUT

CREDIT NOTES

Substation: ATCO 2015, Electrical System: ATCO 2015,
Cadastral & DIDS: Alberta Data Partnership Ltd. 2015

Cartographer by: JG

Approved by: AB

August 2015

DWG.NO. RS - 741S - N - 01

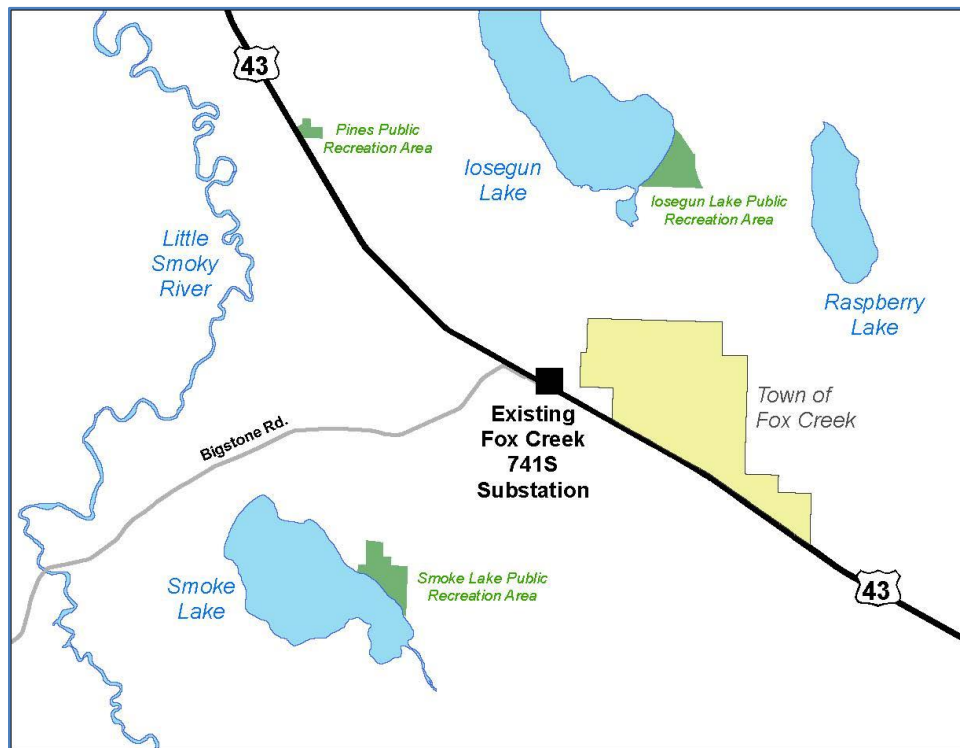
Attachment 4 – AESO Public Notification of NID Filing (AESO Website Posting)

AESO Public Notification of NID Filing

Addressing the Need for the Fox Creek 741S Substation Modification near the Town of Fox Creek

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for the Fox Creek 741S substation modification with the Alberta Utilities Commission (AUC) on or after April 22, 2016.

ATCO Electric Ltd. (ATCO) has applied to the AESO for transmission system access to serve a new industrial demand for electricity in the Fox Creek area. ATCO's request can be met by modifying the existing Fox Creek 741S substation, including adding a 25 kV breaker and associated equipment.



The black square on the map indicates the approximate location of the Fox Creek 741S substation, which is at NW 31-62-19-W5. In a separate application called a Facility Application, ATCO, the transmission facility owner (TFO) in the Fox Creek area, will describe the specific developments and request AUC approval to construct and operate the specific transmission facility.

The AESO and ATCO presented this need to stakeholders, including residents, occupants and landowners, from October 2015 to April 2016. 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 it is filed, the NID will be posted on the AESO website at <http://www.aeso.ca/transmission/32722.html>

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

Attachment 5 – AESO Stakeholder Newsletter NID Filing Notice

Fox Creek 741S Substation Modification – Notice of NID Filing

ATCO Electric Ltd. has applied to the AESO for transmission system access to serve new industrial demand for electricity in the Fox Creek area. ATCO's request can be met by modifying the existing Fox Creek 741S substation, including adding a 25 kV breaker and associated equipment.

The AESO intends to file the Fox Creek 741S Substation Modification Needs Identification Document (NID) application with the Alberta Utilities Commission (AUC) on or after April 22, 2016, requesting that the AUC approve this NID.

The AESO has posted the public notification for its NID filing on its website for the Fox Creek 741 substation modification. Please [click here](#) to view the document or visit the AESO website at www.aeso.ca and follow the path Transmission > Needs Identification Documents > Fox Creek 741S Substation Modification to see all the relevant documents, including the NID application once it is filed with the AUC.