

APPENDIX B AESO PARTICIPANT INVOLVEMENT PROGRAM (PIP)

Sunnybrook and Livock Substation Modifications

Needs Identification Document

1.0 Participant Involvement Program

From May 2015 to August 2015, the AESO conducted a Participant Involvement Program (PIP) to assist in preparing its *Sunnybrook and Livock Substation Modifications Needs Identification Document* (NID) in accordance with NID14 and Appendix A2 of Alberta Utilities Commission (Commission) Rule 007.

1.1 Stakeholder Notification

Prior to submitting the NID to the Commission for approval, the AESO provided written notification to stakeholders in the area where it reasonably determined that facilities could be installed to implement the Sunnybrook and Livock Substation Modifications. Stakeholders included occupants, landowners or residents identified within the notification area, as well as other interested parties including government bodies, agencies, First Nations, and market participants (collectively, Stakeholders). Specifically, the following Stakeholders were notified by the AESO:

- Counties and Municipal Districts:
 - o Municipal District of Opportunity No. 17
 - o Leduc County
- Companies:
 - o ATCO Gas and Pipelines Ltd.
 - o Capital Power GP Holdings Inc.
 - o EPCOR Distribution & Transmission Inc.
 - o TransAlta Corporation
 - o Alberta-Pacific Forest Products Incorporated
 - o ATCO Electric Ltd.
 - o Husky Oil Operations Limited
 - o Laricina Energy Ltd.
 - o Osum Oil Sands Corp.
 - o Perpetual Energy Operating Corp.
 - o Talisman Energy Inc.
 - o Telus Communications Inc.
- Two individual trappers located in the notification area
- First Nations:
 - o Big Stone Cree Nation
 - o Fort McMurray #468 First Nation
 - o Chipewyan Prairie Dene First Nation

The AESO did not identify any other Stakeholders outside of the notification area that may have an interest in the NID.

The AESO used a variety of methods to notify Stakeholders of the need for the Sunnybrook and Livock Substation Modifications. The AESO drafted a Stakeholder notification letter that described the need for minor modifications at the existing Sunnybrook 510S and Livock 939S substations. This letter was mailed to each of the Stakeholders listed above during the week of May 11, 2015. On May 14, 2015, a copy of this document was posted to the AESO website at <http://www.aeso.ca/transmission/32026.html> and a notice was published in the AESO Stakeholder Newsletter. Copies of the Stakeholder notification letter and AESO Stakeholder Newsletter notice have been included as Attachments 1 and 2, respectively.

1.2 Public Notification

The AESO's Public Notification of NID Filing was published in the following newspapers on July 15 and 16, 2015, respectively:

- Edmonton Examiner (Sunnybrook substation)
- Wabasca Fever (Livock substation)

Proofs of the Public Notification of NID Filing advertisement have been included as Attachment 3.

On July 14, 2015, the AESO published the Public Notification of NID Filing to the AESO website at <http://www.aeso.ca/transmission/32026.html> and a notice was published in the AESO Stakeholder Newsletter on July 16, 2015. Copies of the Public Notification of NID Filing website posting and the AESO Stakeholder Newsletter NID filing notice have been included as Attachments 4 and 5, respectively.

To ensure that Stakeholders have the opportunity to learn more about the Sunnybrook and Livock Substation Modifications NID and provide feedback, the AESO also provides Stakeholders with a dedicated, toll-free telephone line (1-888-866-2959) and a dedicated email address (stakeholder.relations@aeso.ca).

1.3 Concerns and Objections Raised

The AESO has not received any indication of concern or objections from any party about the need for the Sunnybrook and Livock Substation Modifications.

1.4 List of Attachments

- Attachment 1 – Stakeholder Notification Letter
- Attachment 2 – AESO Stakeholder Newsletter Notice
- Attachment 3 – Public Notification of NID Filing (Newspaper Advertisement)
- Attachment 4 – Public Notification of NID Filing (AESO Website Posting)
- Attachment 5 – AESO Stakeholder Newsletter NID Filing Notice

Attachment 1 – Stakeholder Notification Letter

May 8, 2015

Dear Stakeholder:

Re: Information about the Need for Transmission Development at the Existing Livock 939S and Sunnybrook 510S Substations

The purpose of this letter is to inform you that the Alberta Electric System Operator (AESO) plans to file an application for the approval of minor modifications to the existing Livock 939S and Sunnybrook 510S substations. The modifications are needed to integrate a new 500 kilovolt (kV) transmission line between Fort McMurray and Edmonton into the transmission system. This new transmission line is called the Fort McMurray West 500 kV Transmission Project.

We are seeking Alberta Utilities Commission (AUC) approval of the need for these modifications, and plan to file our application, called a Needs Identification Document, later this summer. ATCO Electric will carry out the work required at the Livock substation; AltaLink will carry out the work required at the Sunnybrook substation. Prior to carrying out this work, both ATCO Electric and AltaLink will be required to apply for AUC approval of the specific modifications that they propose to make. ATCO Electric and AltaLink will be consulting directly with impacted stakeholders to develop their respective applications.

The AESO is responsible for the safe, reliable and economic operation of Alberta's transmission system. The AESO's planning responsibility includes determining the need for transmission system development and the manner in which that need is addressed.

If you have any questions or would like to discuss this information further, please contact me by email at matt.gray@aesO.ca or by phone at 403-539-2507.

Yours truly,

(original signed by)

Matt Gray
Account Manager – Supervisor

Attachment 2 – AESO Stakeholder Newsletter Notice

Fort McMurray West 500 kV Interconnections

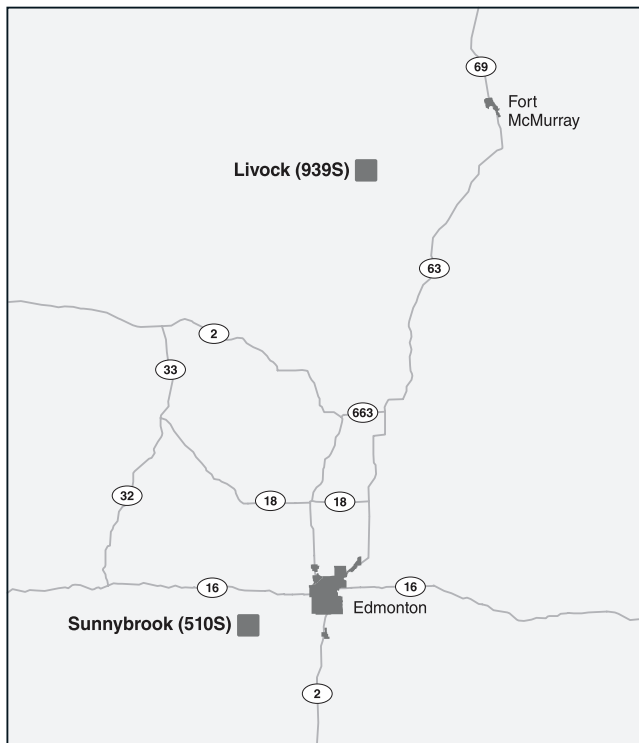
The AESO plans to file an application for the approval of minor modifications to the existing Livock 939S and Sunnybrook 510S substations to integrate the Fort McMurray West 500 kV Transmission Project into the transmission system. For more information, please [click here](#) or visit the AESO website at www.aeso.ca and follow the path Transmission> Needs Identification Documents > Fort McMurray West 500 kV Interconnections.

Attachment 3 – Public Notification of NID Filing (Newspaper Advertisement)

AESO Public Notification of NID Filing Addressing the Need for Modifications to the Existing Livock 939S and Sunnybrook 510S Transmission Substations

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for modifications to the existing Livock 939S and Sunnybrook 510S substations with the Alberta Utilities Commission (AUC) on or after July 31, 2015.

The minor modifications to the existing substations are needed to integrate a new 500 kilovolt (kV) transmission line between Fort McMurray and Edmonton into the transmission system. This new transmission line is called the Fort McMurray West 500 kV Transmission Project.



The map above shows the approximate locations of the two existing transmission substations where the modifications are needed. ATCO Electric Ltd. (ATCO) will carry out the work required at the Livock substation; AltaLink Management Ltd. (AltaLink) will carry out the work required at the Sunnybrook substation. Prior to carrying out this work, both ATCO and AltaLink will be required to apply for AUC approval of the specific modifications that they propose to make. ATCO and AltaLink will be consulting directly with impacted stakeholders to develop their respective applications.

The AESO presented the need for these modifications to stakeholders, including residents, occupants and landowners, from May to July 2015. 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/32026.html>.

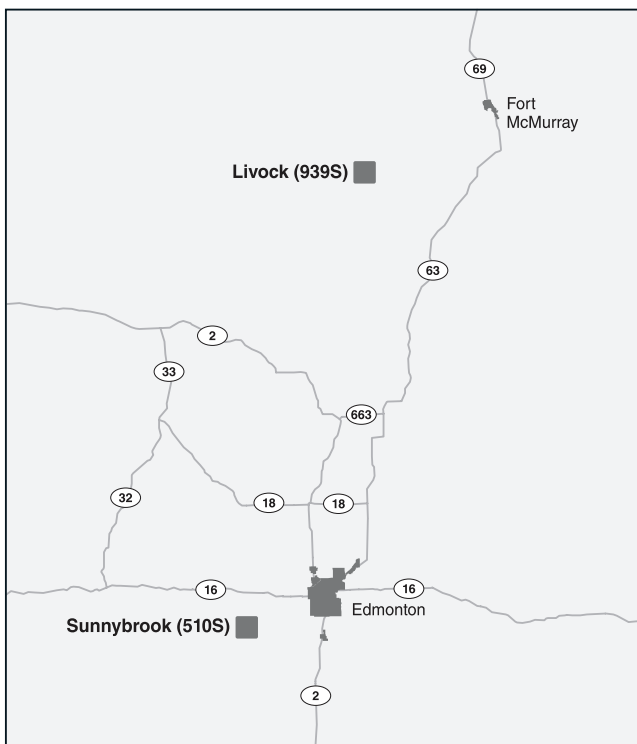
Please visit our website, www.aeso.ca for more information, or contact the AESO at 1-888-866-2959 or stakeholder.relations@aeso.ca



AESO Public Notification of NID Filing Addressing the Need for Modifications to the Existing Livock 939S and Sunnybrook 510S Transmission Substations

The Alberta Electric System Operator (AESO) advises you that it intends to file a Needs Identification Document (NID) for modifications to the existing Livock 939S and Sunnybrook 510S substations with the Alberta Utilities Commission (AUC) on or after July 31, 2015.

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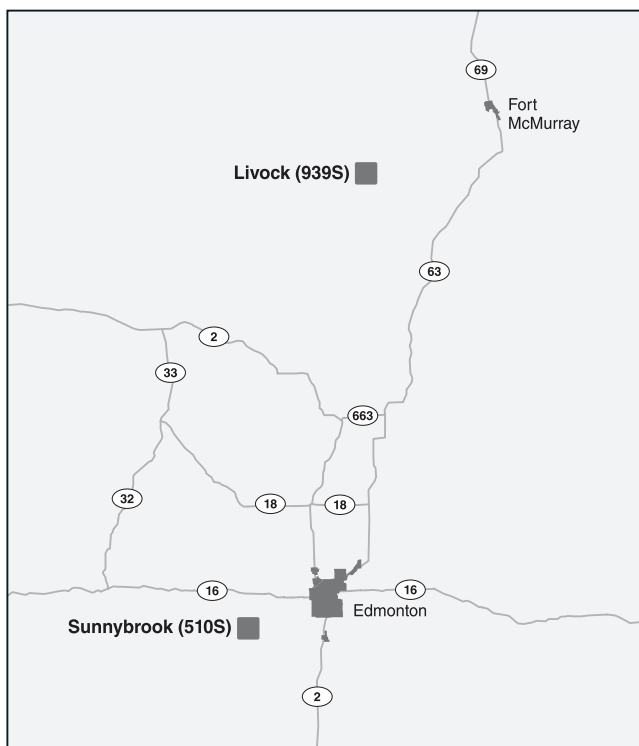


**Attachment 4 – Public Notification of NID Filing (AESO
Website Posting)**

AESO Public Notification of NID Filing Addressing the Need for Modifications to the Existing Livock 939S and Sunnybrook 510S Transmission Substations

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The minor modifications to the existing substations are needed to integrate a new 500 kilovolt (kV) transmission line between Fort McMurray and Edmonton into the transmission system. This new transmission line is called the Fort McMurray West 500 kV Transmission Project.



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The AESO presented the need for these modifications to stakeholders, including residents, occupants and landowners, from May to July 2015. 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/32026.html>.

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**Attachment 5 – AESO Stakeholder Newsletter NID Filing
Notice**

Sunnybrook and Livock Substation Modifications – Update to the Notification of NID Filing

*Please note that this NID application was referred to as *Fort McMurray West 500 kV Interconnections* in the previous issue of the AESO's stakeholder newsletter (July 14). This NID application will now be called *Sunnybrook and Livock Substation Modifications NID application*.

The AESO advises you of its intention to file a Needs Identification Document (NID) with the Alberta Utilities Commission (AUC) to address the need for minor modifications to the existing Livock 939S and Sunnybrook 510S transmission substations.

The AESO will be filing the *Sunnybrook and Livock Substation Modifications NID application* on or after July 31, 2015, requesting that the AUC approve this NID.

The AESO has posted the public notification for its NID filing 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 > Sunnybrook and Livock Substation Modifications to see all the relevant documents, including the application once it is filed with the AUC.